

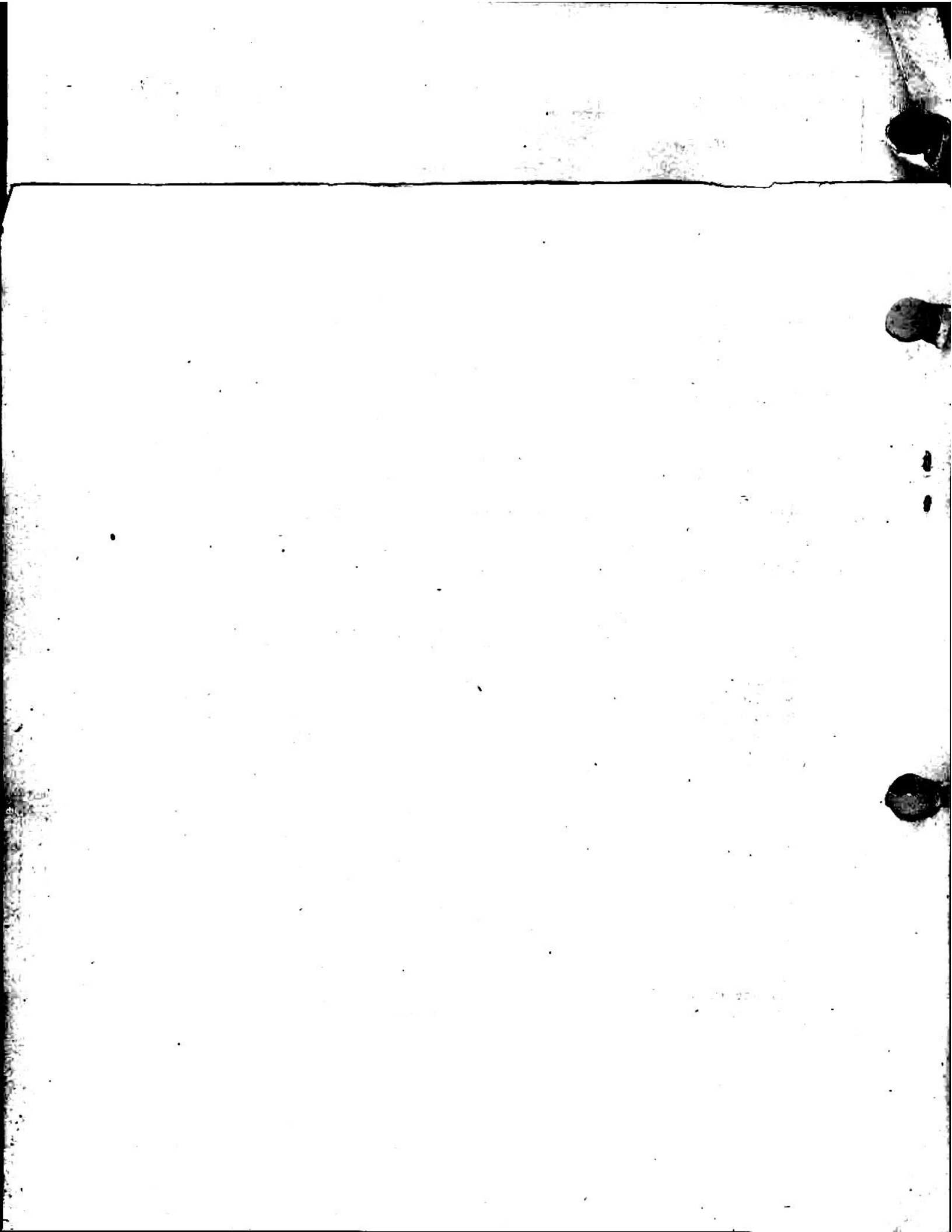
**RESTRICTED**

B EDITION  
**SERIAL NO. 438**

**ELECTRONIC EQUIPMENT  
TYPE  
ALLOWANCE  
BOOKLET**

**ELECTRONICS DIVISION  
BUREAU OF SHIPS  
NAVY DEPARTMENT**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
10 July 1945	1 August 1943	-	COVER	RE IIA 100





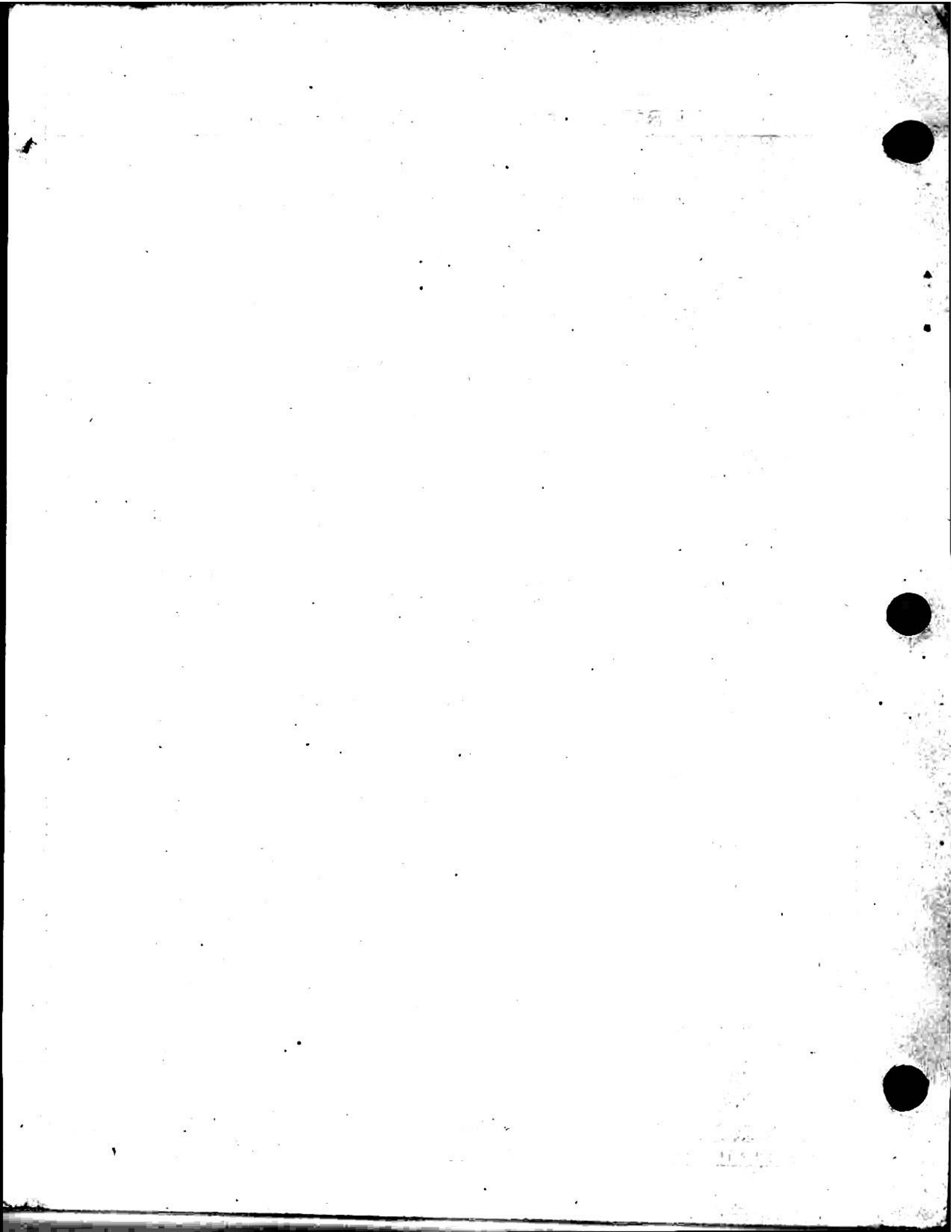
## RADIO TYPE ALLOWANCE BOOKLET

REVISION INSTRUCTIONS  
FOR  
ELECTRONIC EQUIPMENT TYPE ALLOWANCE BOOKLET  
RE 11A 100

REVISION #14

1. The following sheets should be inserted in the electronic Equipment Type Allowance Booklet in order to bring same up-to-date as of 1 December 1945. All temporary changes, applicable to these specific sheets, which have been published in the Radio Installation Bulletin to date as well as other changes, have been included in these revision sheets.
  
2. These sheets replace previous dated sheets bearing the same sheet numbers. The date of the superseded sheet is shown at the bottom of each new sheet and should be followed closely when revising the booklet. To insure systematized filing, the pages shall be arranged in numerical sequence. This will result in alphabetical sequence of vessel types and numerical sequence of classes within types. All replaced sheets should be destroyed by burning.
  
3. The revised booklet should be carefully checked with the Sheet Checking Index dated 1 December 1945 to insure a complete booklet.

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE <del>CHANGES</del>
Revision #14 Instructions - Destroy after revising booklet				RE. 11A 100



## ELECTRONIC EQUIPMENT TYPE ALLOWANCE BOOKLET

## SHEET CHECKING INDEX

A complete and up-to-date booklet, as of the date shown at the bottom of this sheet, should contain the following sheets dated as indicated.

			SECTION III (CONT'D)			SECTION III (CONT'D)		
Cover	10 July	1945	45C	1 August	1945	103C	1 July	1945
Index-A	1 November	1945	46A	1 August	1945	105A	1 November	1945
Index-B	1 November	1945	46B	1 August	1945	105B	1 November	1945
Index-C	1 November	1945	50A	1 December	1945	106A	1 June	1945
<b>SECTION I</b>			50B	1 December	1945	106B	1 June	1945
1	10 July	1945	55A	1 July	1945	107A	1 December	1945
2	1 August	1945	55B	1 July	1945	107B	1 December	1945
3	1 August	1945	57A	1 December	1945	107C	1 June	1945
<b>SECTION II</b>			57B	1 December	1945	108A	1 December	1945
1	10 July	1945	57C	1 November	1945	108B	1 December	1945
2	1 August	1945	58A	1 December	1945	108C	1 June	1945
3	1 August	1945	58B	1 December	1945	109A	1 December	1945
4	1 August	1945	58C	1 November	1945	109B	1 December	1945
<b>SECTION III</b>			60A	1 December	1945	109C	1 October	1945
1	10 July	1945	60B	1 December	1945	110A	1 December	1945
2	1 August	1945	61A	1 August	1945	110B	1 December	1945
3	1 August	1945	61B	1 August	1945	110C	1 November	1945
4	1 August	1945	70A	1 July	1945	112A	1 November	1945
1	10 July	1945	70B	1 July	1945	112B	1 November	1945
2	1 August	1945	75A	1 December	1945	130A	1 October	1945
3	1 August	1945	75B	1 December	1945	130B	1 October	1945
12A	1 August	1945	75C	1 November	1945	130C	1 August	1945
12B	1 August	1945	78A	1 August	1945	130D	1 December	1945
15A	1 December	1945	78B	1 August	1945	130E	1 December	1945
15B	1 December	1945	79A	1 November	1945	130F	10 July	1945
25A	1 October	1945	79B	1 November	1945	131A	1 August	1945
25B	1 October	1945	80A	1 October	1945	131B	1 August	1945
25C	1 November	1945	80B	1 October	1945	131C	10 July	1945
25D	1 November	1945	86A	1 July	1945	131D	10 July	1945
25E	1 July	1945	86B	1 July	1945	133A	1 October	1945
25F	1 July	1945	90A	1 November	1945	133B	1 October	1945
30A	1 July	1945	90B	1 November	1945	134A	1 August	1945
30B	1 July	1945	93A	10 July	1945	134B	1 August	1945
35A	1 December	1945	93B	10 July	1945	135A	1 December	1945
35B	1 December	1945	94A	1 July	1945	135B	1 December	1945
42A	1 October	1945	94B	1 July	1945	135C	1 July	1945
42B	1 October	1945	100A	1 August	1945	135D	1 July	1945
43A	1 December	1945	100B	1 August	1945	136A	1 July	1945
43B	1 December	1945	101A	1 December	1945	136B	1 July	1945
43C	1 December	1945	101B	1 December	1945	136C	1 November	1945
43D	1 December	1945	101C	1 November	1945	136D	1 November	1945
43E	1 October	1945	102A	1 December	1945	137A	1 December	1945
43F	1 October	1945	102B	1 December	1945	137B	1 December	1945
45A	1 October	1945	102C	1 November	1945	137C	1 July	1945
45B	1 October	1945	103A	1 December	1945	137D	1 July	1945
			103B	1 December	1945	139A	1 December	1945

SHEET ISSUED

SUPERSEDES SHEET DATED

SECTION

SHEET NUMBER

REFERENCE NUMBER

1 December 1945

1 November 1945

-

Index A

RE IIA 100

# ELECTRONIC EQUIPMENT TYPE ALLOWANCE BOOKLET

## SHEET CHECKING INDEX (CONT'D)

SECTION III (CONT'D)			SECTION III (CONT'D)			SECTION III (CONT'D)		
139B	1	December 1945	181B	1	December 1945	213E	1	June 1945
141A	1	November 1945	181C	10	July 1945	220A	1	November 1945
141B	1	November 1945	181D	10	July 1945	220B	1	November 1945
143A	1	July 1945	181E	1	December 1945	220C	1	November 1945
143B	1	July 1945	181F	1	December 1945	221A	1	August 1945
144A	1	October 1945	185A	1	December 1945	221B	1	August 1945
144B	1	October 1945	185B	1	December 1945	221C	10	July 1945
145A	1	October 1945	185C	1	June 1945	222A	1	August 1945
145B	1	October 1945	185D	1	June 1945	222B	1	August 1945
150A	1	June 1945	185E	1	December 1945	222C	1	August 1945
150B	1	June 1945	185F	1	December 1945	225A	1	August 1945
150C	1	November 1945	200A	1	December 1945	225B	1	August 1945
150D	1	November 1945	200B	1	December 1945	225C	10	July 1945
150E	10	July 1945	200C	1	December 1945	227A	1	August 1945
150F	10	July 1945	200D	1	December 1945	227B	1	August 1945
151A	1	October 1945	200E	1	June 1945	227C	1	August 1945
151B	1	October 1945	201A	1	December 1945	234A	1	December 1945
156A	1	November 1945	201B	1	December 1945	234B	1	December 1945
156B	1	November 1945	201C	1	December 1945	234C	1	November 1945
157A	1	November 1945	201D	1	December 1945	235A	1	December 1945
157B	1	November 1945	201E	1	June 1945	235B	1	December 1945
158A	1	November 1945	202A	1	December 1945	235C	1	October 1945
158B	1	November 1945	202B	1	December 1945	236A	1	December 1945
159A	1	December 1945	202C	1	December 1945	236B	1	December 1945
159B	1	December 1945	202D	1	December 1945	236C	1	June 1945
160A	1	December 1945	202E	1	June 1945	240A	1	December 1945
160B	1	December 1945	205A	1	December 1945	240B	1	December 1945
160C	1	November 1945	205B	1	December 1945	240C	1	October 1945
162A	1	October 1945	205C	1	November 1945	248A	1	June 1945
162B	1	October 1945	206A	1	June 1945	248B	1	June 1945
162C	1	June 1945	206B	1	June 1945	249A	1	December 1945
163A	1	December 1945	210A	1	December 1945	249B	1	December 1945
163B	1	December 1945	210B	1	December 1945	250A	1	December 1945
163C	1	November 1945	210C	1	November 1945	250B	1	December 1945
170A	1	July 1945	210D	1	November 1945	251A	1	December 1945
170B	1	July 1945	210E	1	June 1945	251B	1	December 1945
175A	1	December 1945	211A	1	December 1945	252A	1	December 1945
175B	1	December 1945	211B	1	December 1945	252B	1	December 1945
175C	1	August 1945	211C	1	November 1945	253A	1	December 1945
175D	1	August 1945	211D	1	November 1945	253B	1	December 1945
175E	1	August 1945	211E	1	June 1945	254A	1	December 1945
175F	1	August 1945	212A	1	December 1945	254B	1	December 1945
175G	1	December 1945	212B	1	December 1945	255A	1	August 1945
175H	1	December 1945	212C	1	November 1945	255B	1	August 1945
180A	1	December 1945	212D	1	November 1945	259A	1	December 1945
180B	1	December 1945	212E	1	June 1945	259B	1	December 1945
180C	1	December 1945	213A	1	December 1945	259C	1	August 1945
180D	1	December 1945	213B	1	December 1945	260A	1	December 1945
180E	1	June 1945	213C	1	November 1945	260B	1	December 1945
181A	1	December 1945	213D	1	November 1945	261A	1	December 1945

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	Index B	-	1 November 1945	1 December 1945

NAVSHPIS-981

RADIO DIVISION - BUREAU OF SHIPS

# ELECTRONIC EQUIPMENT TYPE ALLOWANCE BOOKLET

NAVSHPIS - 981

RADIO DIVISION- BUREAU OF SHIPS

## SECTION III (CONT'D)

261B	1	December	1945
261C	1	December	1945
262A	1	December	1945
262B	1	December	1945
262C	1	August	1945
263A	1	December	1945
263B	1	December	1945
263C	1	November	1945
265A	10	July	1945
265B	10	July	1945
266A	1	December	1945
266B	1	December	1945
267A	1	December	1945
267B	1	December	1945
268A	10	July	1945
268B	10	July	1945
269A	10	July	1945
269B	10	July	1945
270A	1	July	1945
270B	1	July	1945
275A	1	August	1945
275B	1	August	1945
275C	1	November	1945
276A	1	December	1945
276B	1	December	1945
276C	1	August	1945
280A	1	August	1945
280B	1	August	1945
281A	1	August	1945
281B	1	August	1945
286A	1	July	1945
286B	1	July	1945
287A	1	July	1945
287B	1	July	1945
290A	1	August	1945
290B	1	August	1945
290C	10	July	1945
295A	1	August	1945
295B	1	August	1945
296A	1	August	1945
296B	1	August	1945
300A	1	December	1945
300B	1	December	1945
310A	1	December	1945
310B	1	December	1945
311A	1	August	1945
311B	1	August	1945
316A	1	July	1945
316B	1	July	1945
331A	1	July	1945
331B	1	July	1945
332A	1	July	1945
332B	1	July	1945
333A	1	July	1945

## SECTION III (CONT'D)

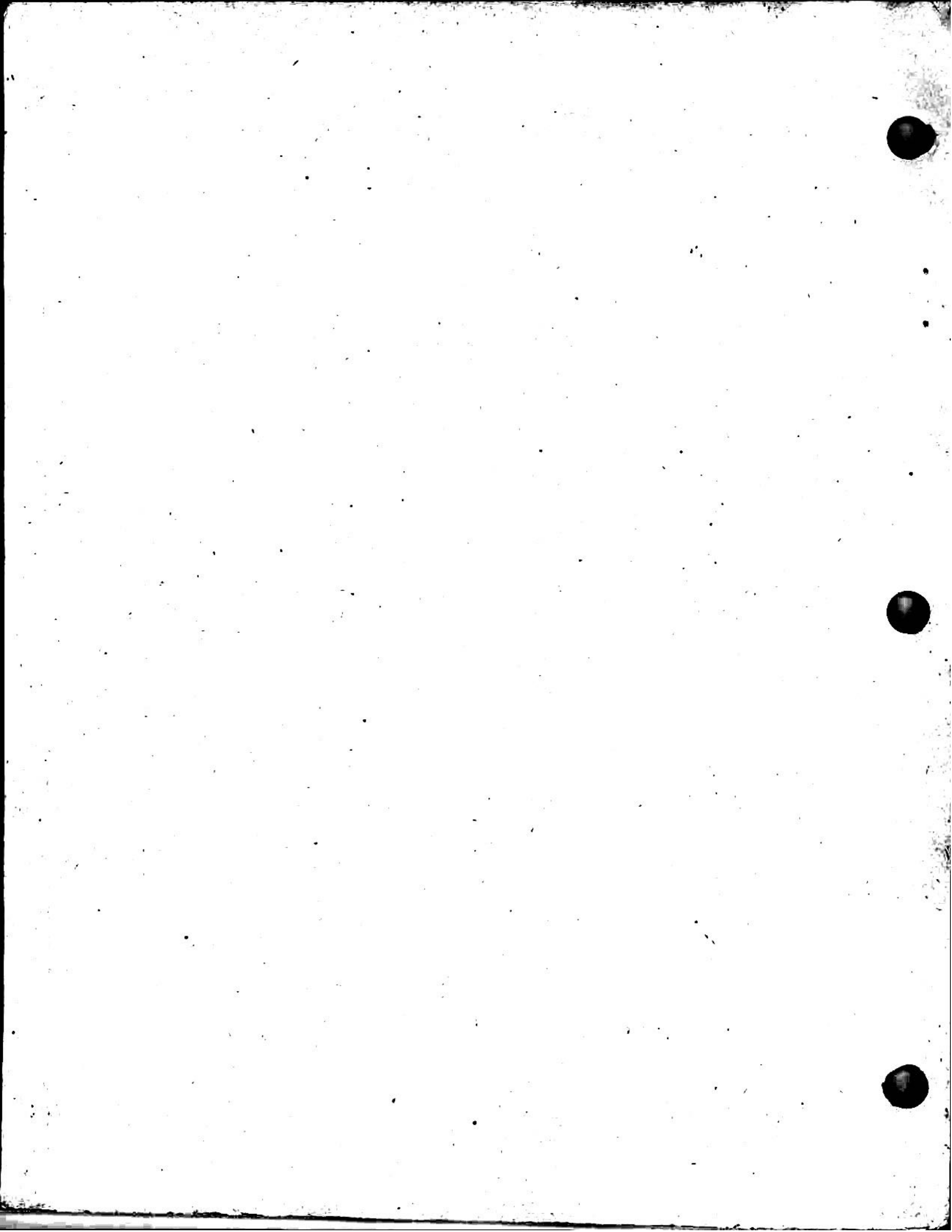
333B	1	July	1945
350A	1	November	1945
350B	1	November	1945
360A	1	July	1945
360B	1	July	1945
365A	1	July	1945
265B	1	July	1945
371A	1	August	1945
371B	1	August	1945
372A	1	November	1945
372B	1	November	1945
381A	1	July	1945
381B	1	July	1945
382A	1	July	1945
382B	1	July	1945
390A	1	November	1945
390B	1	November	1945
391A	1	November	1945
391B	1	November	1945
400A	1	August	1945
400B	1	August	1945
416A	1	July	1945
416B	1	July	1945
425A	1	November	1945
425B	1	November	1945
426A	1	July	1945
426B	1	July	1945
440A	1	July	1945
440B	1	July	1945
450A	1	November	1945
450B	1	November	1945
451A	1	July	1945
451B	1	July	1945
452A	1	August	1945
452B	1	August	1945
453A	10	July	1945
453B	10	July	1945
454A	1	October	1945
454B	1	October	1945
455A	10	July	1945

## SECTION IV

1	10	July	1945
2	1	November	1945
3	1	November	1945
4	1	November	1945
5	1	November	1945
6	10	July	1945
7	10	July	1945

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 November 1945	-	Index C	RE IIA 100





ELECTRONIC EQUIPMENT TYPE ALLOWANCE BOOKLET

SECTION ONE

INTRODUCTORY

ELECTRONICS DIVISION  
BUREAU OF SHIPS  
NAVY DEPARTMENT  
WASHINGTON, D.C.

of

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
10 July 1945	1 July 1944	I	I	RE IIA 100





# ELECTRONIC EQUIPMENT TYPE ALLOWANCE BOOKLET

## SECTION ONE INTRODUCTORY

1. **TITLE:** The official title of this publication is Electronic Equipment Type Allowance Booklet - RE 11A 100. This title and reference number shall be used in official correspondence and records where abbreviations are not permissible. The reference number 'RE 11A 100' or the initials 'TAB' may be used in correspondence and memorandums, where abbreviations are permissible, if there is assurance that these abbreviations are familiar to the addressed activity. Originally only the radio communication equipments, associated miscellaneous material, tools, and test equipment were listed herein. Beginning with the 1 May 1945 issue of revised pages, the complete electronic material allowance of radio, radar, IFF, countermeasures and sonar equipments and associated materials are being included.
2. **CLASSIFICATION:** This booklet is furnished for the information of commissioned, warrant, enlisted and civilian personnel of the Navy and shipbuilding contractors of the Navy whose duties involve procurement, stocking or installation of shipboard electronic equipment. The word 'RESTRICTED' as applied to this booklet signifies that this booklet is to be read only by the above personnel and that the contents of it should not be made known to persons not connected with the Navy.
3. **PURPOSE:** This booklet of electronic equipment type allowance lists has been prepared for the information and guidance of all Naval activities concerned with shipboard electronic installations and materials therefor. It is not intended for issue to, nor the use of, individual vessels. The information contained herein is intended, primarily, for material procurement and handling activities and for activities concerned with the compilation of Groups S67 and S68 sections of Key, Group and Individual ship allowance lists. It is also intended to be of assistance to ship design and shipbuilding activities when preparing detailed installation plans for electronic equipments.
4. **DISTRIBUTION:** Regular distribution will be made to the Electronic Material officers of navy yards and naval districts and to Supervisors of Shipbuilding. Copies will be furnished to other activities in special instances where the requirements warrant. Due to the necessity for limited distribution, each request for copies from activities other than those listed above will be considered individually.

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	1 June 1945	I	2	RE 11A 100

# ELECTRONIC EQUIPMENT TYPE ALLOWANCE BOOKLET

## SECTION ONE INTRODUCTORY (cont'd)

5. RECORDS: These booklets bear serial numbers. A record is maintained in the Bureau of all serials issued and is checked with receipt forms received from the ultimate user. Booklets shall not be transferred from one activity to another without notifying the Bureau. Lost, stolen or destroyed booklets shall be reported to the Bureau by correspondence fully explaining the circumstances involved.
6. REVISIONS: New sheets and revised sheets will be issued periodically. These sheets shall be inserted in the booklets to replace superseded sheets.
7. SHEET NUMBERS: The sheets comprising each section of this booklet are arranged in numerical sequence. However, the sheets comprising Section III are not, in some cases, numbered consecutively. This is due to the provision for adding sheets and maintaining the alphabetical order according to types of vessels. New or revised sheets shall be filed in numerical order rather than alphabetically by ship types in order to insure uniformity of presentation. A new sheet index will be issued with each group of revised and/or new sheets. Booklets shall be checked against this index to determine completeness and whether or not the latest sheets have been inserted therein.

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE 11A 100	3	I	1 June 1945	1 August 1945

**ELECTRONIC EQUIPMENT TYPE ALLOWANCE BOOKLET**

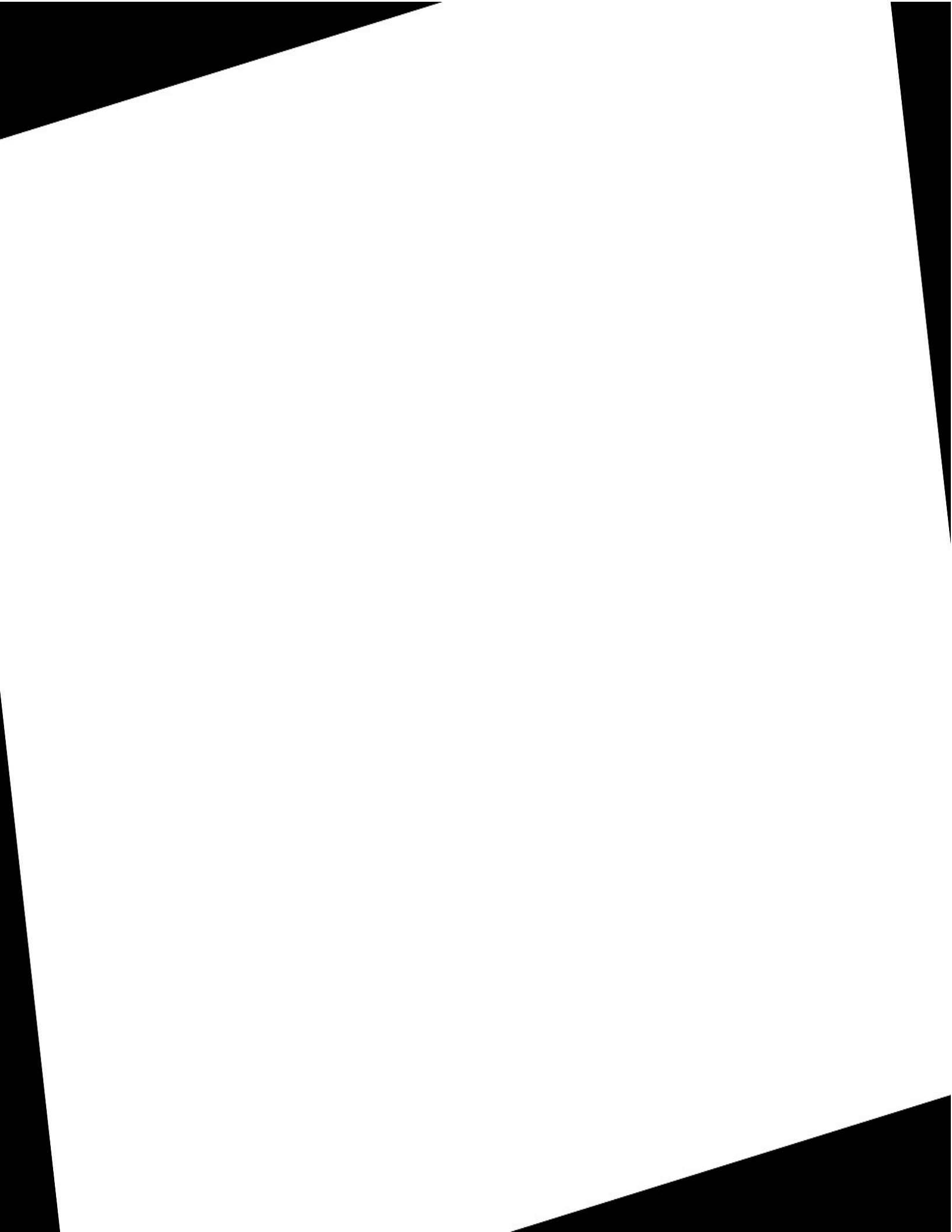
SECTION TWO

MATERIALS AND PROCEDURES

**ELECTRONICS DIVISION  
BUREAU OF SHIPS  
NAVY DEPARTMENT  
WASHINGTON, D.C.**

11

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
10 July 1945	1 July 1944	II	1	RE IIA 100



# ELECTRONIC EQUIPMENT TYPE ALLOWANCE BOOKLET

## SECTION TWO MATERIALS AND PROCEDURES

1. The Type Allowance Lists contained in Section III of this booklet are based on directives received from the Chief of Naval Operations. This activity specifies the military requirements of each type of Naval Vessel and it is the responsibility of the Bureau of Ships (Electronic Division) to fulfill these requirements by designing, procuring and installing equipment of the proper characteristics. Directives received by the Bureau, in general, specify frequency range, power output, control and operational facilities required. From this information, it is necessary for the Bureau to obtain and install the various models and types of equipments suitable to the specific type of vessel, and the associated installation materials, which will accomplish the desired results. To this end, the allowance lists included herein have been prepared and distributed.
2. The Type Allowance Lists contained in Section III are based on the assumption that they will be used as a guide in preparing Key and Ship Allowance Lists and in accomplishing installations in new construction vessels, major conversion vessels and modernized vessels wherein no previous electronic installation exists or where the existing installation is sufficiently obsolete or unsuitable to warrant complete removal. It is not intended that these lists be used as authority for accomplishing changes in existing installations in vessels which are in commission and are in the maintenance category. These latter vessels may have installations comprised of similar and/or entirely different models and types of equipments, which were current at the date of the original installation and which are entirely adequate and satisfactory. Alterations to electronic installations in these vessels shall not be accomplished unless specifically authorized by the Bureau. Equipment in addition to that indicated on the applicable allowance list shall not be installed on any type of vessel, regardless of category, without prior approval of the Bureau, except in the case of a definite emergency, in which case the Bureau shall be notified immediately.

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	1 June 1945	II	2	RE IIA 100

# ELECTRONIC EQUIPMENT TYPE ALLOWANCE BOOKLET

## SECTION TWO MATERIALS AND PROCEDURES (CONT'D)

3. The Government Furnished equipment and material covered by these allowance lists is procured, partly, by the Bureau of Ships and partly by Naval supply activities, and is stocked at the Electronic Material Officer pools in the various Naval districts and other Naval supply activities. Supervisors of Shipbuilding and other Naval construction representatives at all shipbuilding, conversion and modernization activities shall submit all requests for and inquiries concerning this material to the Electronic Material Officer located in their respective district. The Electronic Material Officer is responsible for obtaining, from the Bureau or proper supply activity, all equipment and material listed herein and furnishing same to the installation and fitting-out activity or activities. Requests for equipment and material for installation in maintenance category vessels shall be submitted to the proper material activity afloat for approval and further transmittal to the Electronic Material Officer designated by that activity.
4. The electronic material indicated on the allowance lists included herein has been divided into three separate classifications to coincide with the general procedures followed by the various Electronic Material Officers when furnishing materials to shipbuilding activities. The three classifications of material are as follows: (1) INSTALLATION, (2) FITTING-OUT, (3) TENDER. A brief description of each of these classifications and the general procedure for handling the material thereunder is given below.
- (a) INSTALLATION ALLOWANCE: This classification covers all electronic equipments and materials which require any amount of installation work. It is necessary that every item under this classification be supplied to the shipbuilding activity in order that the installation can be completed prior to delivery of the vessel.
- (b) FITTING-OUT ALLOWANCE: This classification covers electronic equipments and materials which are necessary to ultimately complete the electronic installation and provide suitable test equipment for maintenance but which requires no installation work by the shipbuilding activity. It is not necessary that this material be placed aboard a vessel prior to delivery by the building activity, unless the building activity is, also, the fitting-out activity. Where vessels are built at one activity and fitted-out at another, this material should be retained at, or delivered to, the fitting-out activity for placing aboard during that period.

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	3	II	1 June 1945	1 August 1945

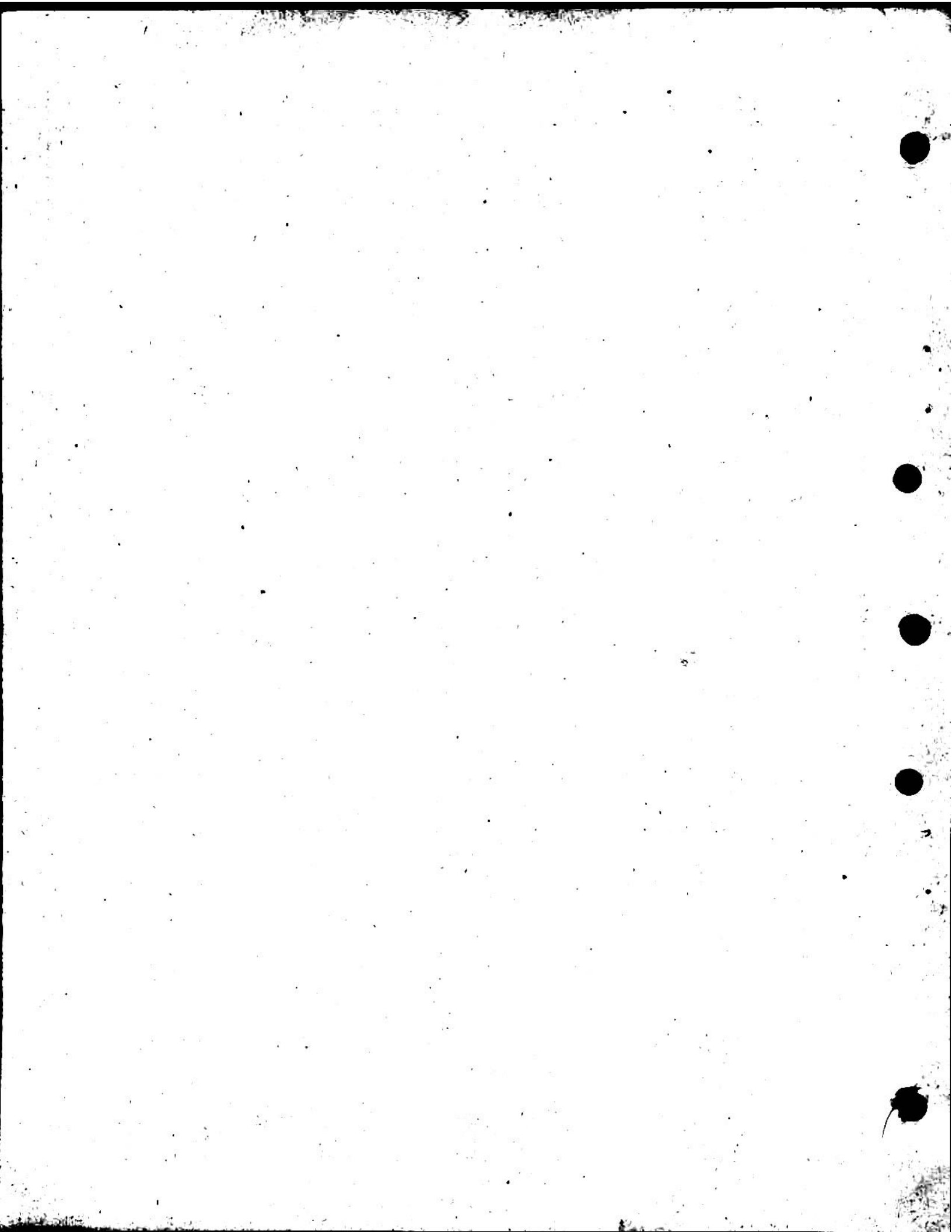


# ELECTRONIC EQUIPMENT TYPE ALLOWANCE BOOKLET

## SECTION TWO MATERIALS AND PROCEDURES (CONT'D)

- (c) TENDER ALLOWANCE (REPAIR PARTS LIST): This classification covers additional equipment, materials, tools, spares, etc., which are allowed certain vessels due to their classification as tenders and repair ships. This material is for the use of the radio repair force assigned to each of these types of vessels and should be stowed and maintained separately from the vessel's communication allowance of equipment and material listed under the 'Installation' and 'Fitting-Out' classifications. This material which requires no installation work, should be handled in the same manner as specified above for the fitting-out allowance. The 'Tender Allowances' are being revised to list all material and equipment intended for servicing other vessels in the Repair Parts List and the test equipment and tools formerly included in 'Tender Allowance' are being incorporated in the 'Fitting-Out' allowance.
5. The model letters and type numbers indicated on the allowance lists in Section III are those covering equipments and materials current at the time the lists were compiled. Equipments and materials supplied to shipbuilding activities by the Electronic Material Officer will be the then current available models and types, and may bear different model letter suffix numbers and type number prefix letters and/or numerals. However, the interchangeability of these items will be indicated by the Electronic Material Officer and they shall be installed in lieu of the listed items.
6. There are a few instances where two or more similar items bearing different Navy Type numbers are equally satisfactory for the purpose for which only one specific type has been indicated on the following allowance lists. The currently available type shall be installed and the installation considered complete and final. A list of the principal interchangeable items has been compiled and included herein at the beginning of Section III.
7. The "TENDER SPARES" allowance shown on the applicable sheets of section III are established on a type vessel basis. These allowances are as complete as the several controlling factors will permit and are used as a firm allowance for procurement and outfitting purposes. However, if the service requirements of any specific vessel dictates, the Service Forces and authorized to make additions to or deletions from the "TENDER SPARES". Also, equivalent stock spares may be substituted to fill allowances when tender spares are not available. A quantity of vacuum tubes, based on the type and number of vessels tended, should be stocked by the Supply Officer of each Tender and Repair vessel.

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	1 June 1945	II	4	RE IIA 100





# ELECTRONIC EQUIPMENT TYPE ALLOWANCE BOOKLET

## SECTION THREE

### ALLOWANCE LISTS

ELECTRONICS DIVISION  
BUREAU OF SHIPS  
NAVY DEPARTMENT  
WASHINGTON, D.C.

13

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
10 July 1945	1 July 1944	III	I	RE IIA 100

TYPE WITH THE FOLLOWING MATERIAL

1. THE FIRST PART OF THE

100

100	100	100	100	100	100	100	100	100
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# ELECTRONIC EQUIPMENT TYPE ALLOWANCE BOOKLET

## SECTION III SUBSTITUTIONS

Certain equipments and items of materials in the following allowance lists are designated by basic Navy model letters and type numbers followed by the work 'Series'. This indicated that any available equipment or item which bears the basic model letters or type number, regardless of the suffix numerals or letters, will be suitable for the purpose for which specified. However, there are a few instances where equipments and items bearing entirely different model letters and type numbers are available and are equally as satisfactory and suitable for the purpose as is the specified equipment or item. The following is a tabulation of these model letters and type numbers. Where the specified item is not available the indicated substitute should be installed and the installation considered to be complete and the requirements fulfilled.

### SPECIFIED

OE  
OQ  
OZ  
21806  
21807  
21577  
23211  
26012A  
49101  
49123  
49124B  
49155  
60018  
49131  
49546

### PERMANENT SUBSTITUTE

OAE  
OZ  
OQ  
21208  
21431  
21523  
23423  
26001B  
49155  
49124  
49123  
49101  
OBL  
49620  
49155

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	1 June 1945	III	2	RE IIA 100

# ELECTRONIC EQUIPMENT TYPE ALLOWANCE BOOKLET

## SECTION III SUBSTITUTIONS (CONT'D)

### CURRENT TYPE

61479  
61481  
61494  
61493  
61471  
61019C  
61276A#  
61475  
61303#  
61174B  
61175A  
61339  
61428  
61350  
61335

### SUPERSEDES TYPES

61014, 61014A, 61085  
61013, 61013A  
61249, 61250  
61012, 61012A 61012B  
61024, 61025  
61019, 61019A, 61019B  
61276  
61022, 61022A, 61022B, 61022C  
  
61056, 61059, 61060  
61050, 61175  
61052, 61176, 61176A  
61432

# = For submarine installations exclusively.

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	3	III	1 June 1945	1 August 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**ADVANCE BASE SECTIONAL DOCKS**

TYPE
ABSD

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<b>RADIO ROOM</b>				THE FOLLOWING EQUIPMENT TO BE TEMPORARILY PLACED ABOARD DOCK WHILE ENROUTE TO OPERATING LOCATION.		
1	Model TDE Series Transmitting Equipment	B			<b>RADIO ROOM</b>		
1	Model TCO Series Transmitting-Receiving Equipment	B		1	Model TCO Series Transmitting-Receiving Equipment	B	
1	Model RAO Series Receiving Equipment	B			<b>ANTENNA SYSTEM</b>		
1	Model RBL Series Receiving Equipment	B			Type 24206 Antenna Switch	B	16S10205
2	Model RBO Series Receiving Equipment	B		1*	Type 61481 Suspension Insulators	C	16I12190
1	Model LM Series Frequency Meter	B		3*	Type 61175A Pedestal Insulators	C	16I9832
1	Type 26012A Telegraph Key	B	16K1790	2*	Type 61471 Entrance Insulators	B	
2	Type 49029 Jackboxes	B	16B10050				
1	Type 49063 Jackbox	B	16B10010				
4	Model TRV Series Transmitting-Receiving Equipments	B					
	<b>ANTENNA SYSTEM</b>						
6*	Type 61481 Suspension Insulators	C	16I12130				
12*	Type 61479 Suspension Insulators	C	16I12105				
8*	Type 61019C Entrance Insulators	C	16I5951				
8*	Type 61471 Entrance Insulators	B					
10*	Type 61175A Pedestal Insulators	C	16I9832				
10*	Type 61395A Spacer Insulators	C	16I9720				
2	Type 24206 Antenna Switches	B	16S10205				
	<b>ELSEWHERE</b>						
1	Model RBO Series Receiving Equipment	B					
3	Type 49131 Series Speaker-Amplifier Units (Broadcast)	B					
	<b>PILOT HOUSE</b>						
1	Model MBF Series Transmitting-Receiving Equipment	B					
	THE ABOVE EQUIPMENT COMPRISES THE PERMANENT INSTALLATION ALLOWANCE.						
	<b>RADAR MATERIAL</b>						
	None						
	<b>SONAR MATERIAL</b>						
	None						
	<b>RCM MATERIAL</b>						
	None						

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	10 July 1945	III	12A	RE IIA 100

**TYPE**  
**ABSD**

**FITTING - OUT**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**ADVANCE BASE SECTIONAL DOCKS**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Continued)</u>			
1	Model OZ Series Tube Tester	B		1	Screwdriver, common, 4" blade	C	41S1102
2	Type 1022J Repair Kits	B		1	Screwdriver, common, 6" blade	C	41S1104
				1	Screwdriver, common, 8" blade	C	41S1106
				1	Screwdriver, common 12" blade	C	41S1110
				1	Screwdriver, slim-shank, 6" blade	C	41S1156
				1	Screwdriver, Phillips 3/4" blade #1 point	C	41S1645-15
				1	Screwdriver, Phillips 4" blade #2 point	C	41S1645-20
				1	Screwdriver, Phillips 8" blade #4 point	C	41S1645-30
3	Type 49016 Head Telephone Assemblies	B	16H3930	1	Torch, gasoline, 1 quart	B	41T3645
1	Type 51004C Hand Microphone Assembly	B	16M2352	1	Vise, bench, Class A, 3" jaws	B	41V242
1	Model OAH Code Practice Equipment	B		1	Wrench, open-end, 15° double-head, 7/16" & 1/2"	C	41W1000
				1	Wrench, open-end, 15° double-head, 9/16" & 5/8"	C	41W1005
				1	Wrench, open-end, 15° double-head, 5/8" & 3/4"	C	41W1008
				1	Wrench, open-end, 15° double-head, 3/4" & 13/16"	C	41W1012
				1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41W1019
				1	Wrench, open-end, 15° double-head, 1" & 1-1/8"	C	41W1024
2	Type 49016 Head Telephone Assemblies	B	16H3930	1 set	Wrenches, socket, hollow-shank	B	41W2623-425
1	Type 51004C Hand Microphone Assembly	B	16M2352	1 set	Wrenches, setscrew (Allen #604 or equal)	B	
3	Type 61481 Suspension Insulators	C	16I12130				
2	Type 61479 Suspension Insulators	C	16I12105				
2	Type 61175A Pedestal Insulators	C	16I9832				
1	Type 61471 Entrance Insulators	C	16I5951				
1	Type 61019C Entrance Insulator	C	16W3740				
300 ft.	7-#18 Bronze Antenna Wire	C					
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>				<u>MISCELLANEOUS SPARES</u>			
2	Type 49016 Head Telephone Assemblies	B	16H3930	1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41W1019
1	Type 51004C Hand Microphone Assembly	B	16M2352				
3	Type 61481 Suspension Insulators	C	16I12130				
2	Type 61479 Suspension Insulators	C	16I12105				
2	Type 61175A Pedestal Insulators	C	16I9832				
1	Type 61471 Entrance Insulators	C	16I5951				
1	Type 61019C Entrance Insulator	C	16W3740				
300 ft.	7-#18 Bronze Antenna Wire	C					
<u>TOOLS</u>				<u>MISCELLANEOUS SPARES</u>			
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Chisel, machinists', hand, 1/4"	C	41C1052				
1	Chisel, machinists', hand, 3/8"	C	41C1062				
1	Cutter, circle, 1" to 5 1/2", 1/2" round shank (Pawood #5 or equal)	C	41D1828				
1	Drill, hand, 3/8" capacity	C	41D1828				
1	Drill, breast, 1/2" capacity	B	41D1663				
1 set	Drills, twist, carbon-steel, type "K"	B	40D1250				
1	File, flat, 6"	C	41F870				
1	File, flat, 8"	C	41F872				
1	File, flat, 10"	C	41F874				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists', 1/2 lb.	C	41H521				
1	Iron, soldering, electric, light duty	B	41I688	2	Type 61481 Suspension Insulators	C	16I12130
1	Iron, soldering, electric, medium duty	B	41I691	1	Type 61175A Pedestal Insulator	C	16I9832
1	Pliers, combination, slip-joint, 6"	C	41P1631	1	Type 61471 Entrance Insulator	C	
1	Pliers, combination, slip-joint, 8"	C	41P1633	50 Ft.	7-#18 Bronze Antenna Wire	C	16W3740
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, round nose, short, 4"	C	41P1910				
1	Pliers, round nose, short, 6"	C	41P1914				
1	Pliers, side cutting, flat nose, 6"	C	41P1974				
1	Pliers, side cutting, flat nose, 8"	C	41P1977				
1	Pliers, long nose, 6"	C	41P1991				
1	Punch, center, 3/8"	C	41T3185				
1	Screwdriver, common, 3" blade	C	41S1101				
				<p align="center">THE FOLLOWING EQUIPMENT TO BE TEMPORARILY PLACED ABOARD DOCK WHILE ENROUTE TO OPERATING LOCATION.</p>			
				<u>MISCELLANEOUS SPARES</u>			
				<u>TOOLS</u>			
				1	Pliers, combination, slip-joint, 6"	C	41P1631
				1	Pliers, diagonal cutting, 6"	C	41P1714
				1	Screwdriver, common, 3" blade	C	41S1101
				1	Screwdriver, common, 8" blade	C	41S1106
				1	Screwdriver, slim-shank, 6" blade	C	41S1156

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	12B	III	10 July 1945	1 August 1945

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**AUXILIARY MINE LAYERS**

TYPE
ACM

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b>RADIO CENTRAL</b>				<b>ANTENNA SYSTEM</b>			
1	Model TBL Series Transmitting Equipment	B		4	Type 28006A Receiver Protective Units	B	
1	Model RBS Series Receiving Equipment	B		16*	Type 49120 Concentric Jacks	C	
1	Model TBS Series Transmitting Equipment	B		4*	Type 49123 Concentric Patchcord Assemblies	B	
1	Model RAK Series Receiving Equipment	B		5*	Type 61493 Suspension Insulators	C	16I12145
1	Model RAL Series Receiving Equipment	B		11*	Type 61479 Suspension Insulators	C	16I12105
1	Model RBO Series Receiving Equipment	B		7*	Type 61019C Entrance Insulators	B	16I5951
1	Model RAO Series Receiving Equipment	B		1*	Type 61475 Entrance Insulators	B	16I5975
1	Model TDZ Series Transmitting Equipment	B		6*	Type 61339 Pedestal Insulators	C	16I9838
2	Model RDZ Series Receiving Equipment	B		2	Type 61352 Anti-Corona Caps	B	16C4000
1	Model LM Series Frequency Meter	B		2	Type 63288 Static-Leak Resistors (1/2 megohm)	C	
1	Model MN Series Transmitting-Receiving Equipment	B		7*	Type 61471 Entrance Insulators	B	
1	Type 23135 Control Unit	B		1	Type 66143 Antenna Assembly	B	
2	Type 23146 Key-Control Panel	B					
1	Type 23436 Receiver Transfer Panel	B					
1	Type 23437 Transmitter Transfer Panel	B					
2	Type 28002 Resistor Clips	C					
2	Type 49029 Jackboxes	B	16B10050				
1	Type 49063 Jackbox	B	16B10010				
1	Type 49546 Loudspeaker Unit	B					
1	Type 50064 Modulator Equipment	B					
1	Type 51019 Hand Telephone Assembly	B					
1	Type 631023 Resistor, 3150 Ohms, Style 4	C	16R18230	3	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
				e2	Type 211007 Motor Generator Units		
<b>CHART HOUSE</b>				<b>ELSEWHERE</b>			
1	Model RBS Series Receiving Equipment	B		3	Type 49546 Loudspeaker Units	B	
1	Model DAS Series Loran Equipment	B		3	Type 49618 Telephone Receptacles	B	
1	Type 49029 Jackbox	B	16B10050				
1	Type 23135 Control Unit	B					
1	Type 23285 Control Unit	B					
1	Type 23423 Radiophone Unit	B					
1	Type 49175 Loudspeaker Unit	B					
4	Type 49546 Loudspeaker Units	B					
2	Type 51007 Hand Telephone Assemblies	B					
1	Type 51019 Hand Telephone Assembly	B					
1	Type 51008 Hand Telephone Assembly	B					
1	Type 51032 Hand Telephone Assembly	B					
2	Type 50210 Amplifier Units	B					
<b>PILOT HOUSE</b>				<b>RADAR MATERIAL</b>			
1	Model BCR-608 Series Transmitting-Receiving Equipment	B		1	Medium Surface Search Radar	B	
1	Type 23146 Key-Control Panel	B		1	Model BN Series Interrogator Responder	B	
1	Type 23423 Radiophone Unit	B		2	Model BK Series Transponders	B	
1	Type 49029 Jackbox	B					
1	Type 49620 Series Speaker-Amplifier Unit	B		2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B	
1	Model MBF Series Transmitting-Receiving Equipment	B	16B10050	+1	Type CGL - 211014 Motor Generator	B	
1	Type 211437 Motor Generator	B		4	Type 6V-SMB-15AH Storage Batteries	B	17B-9490
				<b>SONAR MATERIAL</b>			
				1	Model NJ Series Sounding Equipment	B	
				<b>RCM MATERIAL</b>			
				None			

**QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES**

**SPECIAL EXCEPTIONS AND REMARKS**

e = For vessels in which 115 v.a.c. power is not available for radio equipment.  
+ = 211018 in ACM 4.

**THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 August 1945	III	15A	RE IIA 100



TYPE  
**ACM**

FITTING - OUT  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
AUXILIARY MINE LAYERS

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<b>TESTING EQUIPMENT</b>				<b>TOOLS (CONT'D)</b>			
1	Model OBL Series Oscilloscope	B		1	Drill, hand, 3/8" capacity	C	41D1828
1	Model OZ Series Vacuum Tube Analyzer	B		1	Drill, breast, 1/2" capacity	B	41D1663
1	Model TS-34A/AP Portable Oscilloscope	B		1 set	Drills, twist, carbon-steel, type "K"	B	41D1250
1	Model OBQ Series VT Volt-ohm-Milliammeter	B		1	File, flat, 6"	C	41F870
1	Model OCR Series Volt-ohm-Milliammeter	B		1	File, flat, 8"	C	41F872
1	Model LP Series Signal Generator	B		1	File, flat, 10"	C	41F874
1	Model OGW Series Megger	B		1	Frame, hacksaw, adjustable	C	41F3390
1	Model OAP Series Frequency Meter	B		1	Hammer, machinists', 1/2 lb.	O	41H521
1	Model OBU-2 or 3 Echo Box	B		1	Iron, soldering, electric, light duty	B	41I688
1	Model AN/UPM-1b Osc. WM Scope	B		1	Iron, soldering, electric, medium duty	B	41I691
1	Model OAX Sonar Monitor	B		1	Pliers, combination, slip-joint, 6"	C	41P1631
1	Model OL Sonar Tester	B		1	Pliers, combination, slip-joint, 8"	C	41P1633
1	Model LAK Signal Generator	B		1	Pliers, diagonal cutting, 4"	C	41P1710
1	Model TS-33/AP Frequency Meter	B		1	Pliers, diagonal, cutting, 6"	C	41P1714
1	Model LAG Signal Generator	B		1	Pliers, round nose, short, 4"	C	41P1910
1	Model AN/UPM-7 Test Kit	B		1	Pliers, round nose, short, 6"	C	41P1914
1	Model TS-182/UP Frequency Meter	B		1	Pliers, side cutting, flat nose 6"	C	41P1974
1	Type 60-ABM Frequency Meter (for each SL)	B		1	Pliers, side cutting, flat nose 8"	C	41P1977
4	Type 10223 Electronic Repair Kits	B		1	Pliers, long nose	C	41P1991
1	Type 4110 Test Meter	B		1	Punch, center, 3/8"	C	41T3185
<b>MISCELLANEOUS EQUIPMENT AND MATERIAL</b>				<b>MISCELLANEOUS SPARES</b>			
4	Type 49016 Head Telephone Assemblies	B	16H3930	1	Screwdriver, common, 3" blade	C	41S1101
3	Type 49619 Hand Telephone Plugs	B		1	Screwdriver, common, 4" blade	C	41S1102
3	Type 51082 Hand Telephone Assemblies	B		1	Screwdriver, common, 6" blade	C	41S1104
1	Model OAH Series Code Practice Set	B		1	Screwdriver, common, 8" blade	C	41S1106
				1	Screwdriver, common, 12" blade	C	41S1110
				1	Screwdriver, clim-shank, 6" blade	C	41S1156
				1	Screwdriver, Phillips 3" blade #1 point	C	41S1645-15
				1	Screwdriver, Phillips 4" blade #2 point	C	41S1645-20
				1	Screwdriver, Phillips 8" blade #4 point	C	41S1645-30
				1	Torch, gasoline, 1 quart	B	41T3645
				1	Vise, bench Class A, 3" jaws	B	41V242
				1	Wrench, open-end, 15° double-head, 7/16" & 1/2"	C	41W1000
				1	Wrench, open-end, 15° double-head, 9/16" & 5/8"	C	41W1009
				1	Wrench, open-end, 15° double-head, 5/8" & 3/4"	C	41W1008
				1	Wrench, open-end, 15° double-head, 3/4" & 13/16"	C	41W1012
				1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41W1019
				1	Wrench, open-end, 15° double-head, 1" & 1-1/8"	C	41W1024
				1 set	Wrenches, socket, hollow-shank	B	41W2623-42
				1 set	Wrenches, setscrew, (Allen #604 or equal)	B	
300 ft	7-#18 Bronze Antenna Wire	C	16W3740				
300 ft	5/16" dia. (6x19) Bronze Wire Rope	C	22R200				
<b>TOOLS</b>							
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Chisel, machinists', hand, 1/4"	C	41C1052				
1	Chisel, machinists', hand, 3/8"	C	41C1062				
1	Cutter, circle, 1" to 5-1/2", 1/2" round shank, (Pawood #5 or equal)	C					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

\* = For ACM 5-9 only.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	15B	III	1 August 1965	1 December 1964



INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**DESTROYER TENDERS**

TYPE  
**AD**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b>RADIO CENTRAL</b>				<b>CHART HOUSE</b>			
1	Model RBA Series Receiving Equipment	B		1	Type 49029 Jackbox	B	16B10050
2	Model RBB Series Receiving Equipments	B		1	Model DAS Series Loran Equipment	B	
3	Model RBC Series Receiving Equipments	B					
2	Model RBO Series Receiving Equipments	B					
1	Model RAK Series Receiving Equipment	B					
1	Model RAL Series Receiving Equipment	B					
1	Model TBS Series Transmitting-Receiving Equipment	B					
1	Model TDZ Series Transmitting Equipment	B					
1	Model RDZ Series Receiving Equipments	B		1	Type 23146 Key-Control Panel	B	
1	Model TBS Series Adapter Units	B		1	Type 49029 Jackbox	B	16B10050
1	Model LR Series Frequency Meter	B					
1	Type 23185 Receiver Transfer Panel	B					
1	Type 23195 Transmitter Transfer Panel	B					
12*	Type 49029 Jackboxes	B	16B10050				
7*	Type 23146 Key-Control Panels	B					
1	Type 23135 Control Unit	B					
1	Type 51019 Hand Telephone Assembly	B					
1	Type 23207 Radiophone Transfer Panel	B		**	Model REE Series Receiving Equipment	B	
1	Type 23423 Radiophone Unit	B		1	Type 20350 Rectifier Unit	B	
				8	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
<b>RADIO TRANSMITTER ROOM</b>				<b>ELSEWHERE</b>			
2	Model TBK Series Transmitting Equipments	B					
1	Model TAJ Series Transmitting Equipment	B		39*	Type 49120 Concentric Jacks	C	16J1200
1	Model TBL Series Transmitting Equipment	B		19*	Type 49123 Concentric Patchcord Assy.	B	
1	Model RAK Series Receiving Equipment	B		5	Type 28006A Receiver Protective Units	B	16P8800
1	Model RAL Series Receiving Equipment	B		5	Type 63288 Static-Leak Resistors, (1/2 megohm)	C	16R18225
1	Model LM Series Frequency Meter	B		8*	Type 61493 Suspension Insulators	C	16I12145
1	Type 50064 Modulator Equipment	B		12*	Type 61479 Suspension Insulators	C	16I12105
1	Type 23185 Receiver Transfer Panel	B		4	Type 61019C Entrance Insulators	B	16I5951
1	Type 23202 Transmitter Transfer Panel	B		4*	Type 61475 Entrance Insulators	B	
1	Type 49063 Jackbox	B	16B10010	15*	Type 61339 Pedestal Insulators	C	16I9838
1	Type 23146 Key-Control Panel	B		5*	Type 61471 Entrance Insulators	B	
1	Type 613023 Resistor, 3150 ohms, Style B	C					
2	Type 28002 Resistor Clips	C					
2	Type 50194 Modulator Units	B					
1	Type 23208 Radiophone Transfer Panel	B					
<b>PILOT HOUSE</b>				<b>ANTENNA SYSTEM</b>			
1	Type 23146 Key-Control Panel	B		1	Model RBS Series Receiving Equipment	B	
2	Type 23423 Radiophone Unit	B		1	Model SCR-608 Transmitting-Receiving Equipment	B	
1	Type 49029 Jackbox	B	16B10050	3	Type 23423 Radiophone Units	B	
3	Type 49546 Loudspeaker Unit	B		1	Type 23146 Key-Control Panel	B	
2	Type 50210 Amplifier Units	B		1	Type 49029 Jackbox	B	16B10050
				6	Type 49546 Loudspeaker Units	B	
				3	Type 51007 Hand Telephone Assembly	B	
				4	Type 50210 Amplifier Units	B	
				3	Type 24502 Rotary Selector Switches	B	
				1	Type 23135 Control Unit	B	
				1	Type 51019 Hand Telephone Assemblies	B	

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

- \* - One additional for Fleet, Flotilla and Squadron Flagships.
- \*\* - Two additional for Fleet, Flotilla and Squadron Flagships.
- \*\* - In following spaces as applicable - Flag Officer Quarters; Chief of Staffs Quarters; Squadron Commanders Quarters; Commanding Officer's Quarters; Wardroom Mess; Junior Officer's Mess; Warrant Officer's Mess; Chief Petty Officer's Mess.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 October 1945	1 August 1945	III	25A	RE IIA 100

TYPE
AD

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**DESTROYER TENDERS**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
				1	Medium Air Search Radar	B	
				1	Large Surface Search Radar	B	
				1	Model BL or BM Series Interrogator-Responder	b	
				1	Model BN Series Interrogator-Responder	B	
				2	Model BK Series Transponders	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
				2	CTZ-66ACG or CTZ-66AFJ Antennas	B	
				Ø1	Type CCL - 211018 Motor Generator	B	
					<u>FIRE CONTROL RADAR EQUIPMENT</u>		
				+1	Fire Control Radar Equipment MK12	B	
				+1	Fire Control Radar Equipment MK22	B	
				++1	Fire Control Radar Equipment MK26	B	
				+++2	Fire Control Radar Equipments MK29-2	B	
				+++3	Fire Control Radar Equipments MK34-2	B	
					<u>RADAR REPEATERS</u>		
					Stations listed in order of priority. Preference of model indicated by order of listing.		
				#1	Model VF (CIC)	B	
				#1	Model VK (VJ, VC-12" tube, or VD) (CIC)	B	
					<u>SONAR MATERIAL</u>		
				1	Model NM Series Sounding Equipment	B	
				1	Model NF Series (Portable Sounding Equipment	B	
				1	Model QFL Range Recorder Teacher	B	
				1	Model QFA Series Attack Teacher	B	
					<u>RCM MATERIAL</u>		
					None		

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

- # = Allowance for AD's with DD type C.I.C.
- + = One each allowed on AD 14, 15, 17, 18, 19.
- ++ = Not allowed on AD32.
- +++ = Allowed on AD 32.
- Ø = Substitute 211014 on DC Ships.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	25B	III	1 <sup>st</sup> August 1945	1 October 1945

**FITTING - OUT**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**DESTROYER TENDERS**

**TYPE**  
**AD**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<b>TESTING EQUIPMENT</b>				<b>MISCELLANEOUS SPARES</b>			
2	Model OAA-2 Echo Boxes	B		6	Type 49016 Head Telephone Assemblies	B	16H3930
1	Model T374/AP Portable Oscilloscope	B		4	Type 61493 Suspension Insulators	C	16112145
1	Model OBU-2, 3 Echo Box	B		6	Type 61479 Suspension Insulators	C	16112105
1	Model TS-62/AP Echo Box	B		1	Type 61019C Entrance Insulator	B	1615951
1	Model TS-218/UP Echo Box	B		1	Type 61234A Insulator Bowls	C	16114025
1	Model TS-275/UP Echo Box	B		1	Type 61475 Entrance Insulator	B	
1	Model TS-311/UP Echo Box	B		3	Type 61476 Insulator Bowls	C	1619838
1	Model AN/UPM - 2 Frequency Meters	B		200 Ft.	7-#18 Bronze Wire Antenna	C	16W3740
2	Model OAP Series Frequency Meters	B		200 Ft.	7/16" dia. (6x19) Bronze Wire Rope	C	22R200
1	Model TS-33/AP Frequency Meter	B		200 Ft.	5/16" dia. (6x19) Bronze Wire Rope	C	22R210
1	Model TS-173/UR Frequency Meter	B		1	Type 631023 Resistor, 3150 ohms, Style B	C	16R18230
2	Model TS-182/UP Frequency Meter	B		1	Type 61471 Entrance Insulator	B	
1	Type 60 ABM Frequency Meter	B		3	Type 61470 Insulator Bowl	C	
2	Model OBL Series Oscilloscopes	B					
1	Model OBT Series Oscilloscopes	B					
1	Model TS-34A/UP, Synchroscope	B					
1	Model TS-148/UP Analyzer	B					
1	Model LAE Series Signal Generator	B					
1	Model LAF Series Signal Generator	B					
1	Model LAO Series Signal Generator	B					
1	Model LO Series Signal Generator	B		6	Blades, hacksaw, type "B", 18 teeth	C	41B1163
1	Model LP Series Signal Generator	B		6	Blades, hacksaw, type "B", 32 Teeth	C	41B1164
1	Model OCD Series Pulsar	B		1	Chisel, machinists', hand, 1/4"	C	41C1052
1	Model TS-35A/AP Signal Generator	B		1	Chisel, machinists', hand, 3/8"	C	41C1062
1	Model TS-202/U Harmonic Generator	B		1	Cutter, circle, 1" to 1-1/2", 1/2" round shank, (Pawdog #5 or equal)	C	
1	Model TS-331/UR Signal Generator	B		1	Drill, hand, 3/8" capacity	C	41D1828
1	Model 709B (RCA) Signal Generator	B		1	Drill, breast, 1/2" capacity	B	41D1663
1	Model OAW Series Tube Tester	B		1 set	Drills, twist, carbon-steel, type "K"	B	40D1250
2	Model OZ Series Tube Tester	B		1	File, flat, 6"	C	41F870
1	Model AN/UPM-1b OSC. WM Scope	B		1	File, flat, 8"	C	41F872
1	Model AN/UPM-7 Test Kit	B		1	File, flat, 10"	C	41F874
2	Mark 2 Synchro Tester	B		1	Frame, hacksaw, adjustable	C	41F3390
2	Model OCV F.S. & Noise Meter	B		1	Hammer, machinists', 1/2 lb.	C	41H521
1	Model OAX Series Sonar Monitors	B		1	Iron, soldering, electric, light duty	B	41I688
4	Model ORQ Series VT Volt Ohm Milliammeters	B		1	Iron, soldering, electric, medium duty	B	41I691
3	Model OCR Series Volt Ohm Ma	B		1	Pliers, combination, slip-joint, 6"	C	41P1631
2	Model OF Series Field Strength Meter	B		1	Pliers, combination, slip-joint, 8"	C	41P1633
1	Model OL Series Sonar Monitor	B		1	Pliers, diagonal cutting, 4"	C	41P1710
1	Model TS-15A/AP Fluxmeter	B		1	Pliers, diagonal cutting, 6"	C	41P1714
2	Model TS-89/AP Voltage Divider	B		1	Pliers, round nose, short, 4"	C	41P1910
1	Model TS-102/UP Range Calibrator	B		1	Pliers, round nose, short, 6"	C	41P1914
2	Model TS-231/UP RF Load	B		1	Pliers, side cutting, flat nose, 6"	C	41P1974
1	Model TS-358/UP Range Calibrator	B		1	Pliers, side cutting, flat nose, 8"	C	41P1977
1	Model SU-SU-1 Antenna Service Kit	B		1	Pliers, long nose, 6" (Utica #655 or equal)	C	
2	Model OCW Series Megger	B		1	Punch, center, 3/8"	C	41T3185
10	Type 10223 Repair Kits	B		1	Screwdriver, common, 3" blade	C	41S1101
2	Type 60007 C & R Bridges	B		1	Screwdriver, common, 4" blade	C	41S1102
2	Type 60089 VT Megohmmeters	B		1	Screwdriver, common, 6" blade	C	41S1104
2	58 Measurements Corp. Noise M.	B		1	Screwdriver, common, 8" blade	C	41S1106
2	Model 715AE (Gen. Radio) Amplifier	B		1	Screwdriver, common, 12" blade	C	41S1110
2	Recorder Esterline Angus	B		1	Screwdriver, slim-shank, 6" blade	C	41S1156
3	Type 10498 Terminal Kits	B		1	Screwdriver, Phillips 3" blade #1 Point	C	41S1156-15
1	Model LM Series Frequency Meter	B		1	Screwdriver, Phillips 4" blade #2 Point	C	41S1156-20
				1	Screwdriver, Phillips 8" blade #4 Point	C	41S164530
				1	Torch, gasoline, 1 quart	B	41T3645
12	Type 49016 Head Telephone Assembly	B	16H3930	1	Vise, bench Class A, 3" jaws	B	41V242
#1	Model TBX Series Portable T/R Equipment	B		1	Wrench, open-end, 15" double-head, 7/8" & 1/2"	C	41W1000
#1	Model TBY Series Portable T/R Equipment	B		1	Wrench, open-end, 15" double-head, 9/16" & 5/8"	C	41W1005
2	Model OAH Code Practice Set	B					
<b>MISCELLANEOUS EQUIPMENT AND MATERIAL</b>							

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

Ø = Three (3) for Flotilla Flags.  
 # = Four (4) for Flotilla Flags.  
 \* = Supplied if no BK Test set already on board (1017).

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	1 August 1945	III	250	RE IIA 100

RESTRICTED

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 2px;">TYPE</td> </tr> <tr> <td style="text-align: center; padding: 10px; font-size: 24px; font-weight: bold;">AD</td> </tr> </table>	TYPE	AD	FITTING - OUT <b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b> FOR <b>DESTROYER TENDERS</b>
TYPE			
AD			

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<u>TOOLS (Continued)</u>						
1	Wrench, open-end, 15° double-head, 5/8" & 3/4"	C	41W1008				
1	Wrench, open-end, 15° double-head, 3/4" & 13/16"	C	41W1012				
1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41W1019				
1	Wrench, open-end, 15° double-head, 1" & 1-1/8"	C	41W1024				
1 set	Wrenches, socket, hollow-shank, (Stevens' Spintite #t-73 or equal)	B	41W2345				
1 set	Wrenches, setscrew, (Allen #604 or equal)	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	25D	III	1 August 1945	1 November 1945

**TENDER**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**DESTROYER TENDERS**

TYPE

**AD**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TENDER SPARES</u>				<u>TENDER SPARES (Contd.)</u>			
1	Model DAQ Series Tender Spares	P		1 set	Model QDA Tender Spares	B	
1	Model DAS(1&3) Series Tender Spares	P		1 set	Model QCL5/QCJ6 Tender Spares	B	
1	Model MBF Series Tender Spares	B		1 set	Model QCL7/QCJ8 Tender Spares	B	
1	Model MN Series Tender Spares	B		1 set	Model QGA Tender Spares	B	
1	Model RAK Series Tender Spares	B		1 set	Model QGB Tender Spares	B	
1	Model RAL Series Tender Spares	B		1 set	Model QJB Tender Spares	B	
1	Model RAO Series Tender Spares	B		1 set	Model QCS/QCT Tender Spares	B	
1	Model RBA Series Tender Spares	B		1 set	Model NJ-7 Tender Spares	B	
1	Model RBB Series Tender Spares	B		1 set	Model NJ-9 Tender Spares	B	
1	Model RBC Series Tender Spares	B		1	Type 21806 Series Motor Gen.TenderSpares	B	
1	Model RBB Series Tender Spares	B		1	Type 21807 Series Motor Gen.TenderSpares	B	
1	Model RBC Series Tender Spares	B		<u>MISCELLANEOUS MATERIAL</u>			
1	Model RBB Series Tender Spares	B		2	Buzzers, High-Frequency, 1-1/2" Dia., 2-4 V. Navy Type No. 10005		
1	Model RBC Series Tender Spares	B		1	Capacitors, General Use, Fixed, Mica, 0.1 Capacity, Navy Type 4E164 - 5		
1	Model RBB Series Tender Spares	B		12	Capacitors, Paper, 0.1 Capacity, Navy Type 4E197-A		
1	Model RBC Series Tender Spares	B		3	Capacitors, Paper, 1.0 Capacity, Navy Type 4E134-A		
1	Model RBL Series Tender Spares	B		72	Cords, Telephone, Navy Standard, Unshielded, Fabric Covered, Double, Navy Type 49012	C	16C35770
1	Model RBO Series Tender Spares	B		72	Cords, Fabric, Single, Navy Type 49014		
1	Model RCK Series Tender Spares	B		24	Cords, Rubber Covered, Double, Navy Type 49012-B	C	
1	Model RDK (REB) Series Tender Spares	B		24	Cords, Single, Navy Type 49014E		
1	Model REE Series Tender Spares	B		10	Concentric Patchcord Assemblies Type 49123	B	
1	Model TAJ Series Tender Spares	B		24	Diaphragms, Headphone, Iron, 1-3/4		
1	Model TBK/TBM Series Tender Spares	B		25	Head-Bands, Telephone, Navy Type 49009	C	16H3800
1	Model TBL Series Tender Spares	B		10	Headsets, Low Resistance, Navy Type No. 49015	B	16P4580
1	Model TBS Series Tender Spares	B		24	Insulators, Entering, Single - Shell, 2-1/2" Navy Type 61024 A		
1	Model TCK Series Tender Spares	B		10	Insulators, Entering, Single - Shell, 6-15/16", Navy Type No. 61019C	B	1615951
1	Model TCP Series Tender Spares	B		25	Insulators, Stand-off, 4", Navy Type 61175-A	C	1619832
1	Model TCS Series Tender Spares	B		24	Insulators, Suspension, 7-1/2", Navy Type 61014 - A		
1	Model TDB (ETS019A) Series Tender Spares	B		24	Insulators, Suspension, 12-1/4", Navy Type 61013 - A		
1	Model TDE Series Tender Spares	B		12	Insulators, Suspension, 30", Navy Type 61012 - B		
1	Model TDQ Series Tender Spares	B		25	Insulators, Pedestal Type 61174B	C	1619829
1	Type 50064 Modulator Tender Spares	P		100	Insulators, Spacer, Type 61395A	C	1619720
1	Model LM Series Tender Spares	B		10	Insulators, Suspension, Type 61493	C	16112145
1	Model LP Series Tender Spares	B		25	Insulators, Suspension, Type 61479	C	16112105
1	Model LR Series Tender Spares	B		5	Insulator Bowls, Type 61234A	C	16114050
1	Model OBL Series Tender Spares	B		10	Insulator Bowls, Type 61476	C	16114025
1	Model OBQ Series Tender Spares	B		5	Insulator, Entrance, Type 61475	B	1615975
1	Model OQ Series Tender Spares	B		25	Insulators, Pedestal, Type 61339	C	1619838
1	Model OZ Series Tender Spares	B		10	Insulators, Entrance, Type 61471	C	
1	Model TDZ Series Tender Spares	B		10	Insulator Bowls, Type 61470	C	
1	Model RDZ Series Tender Spares	B		25	Jacks, 2 - Circuit With 4 Springs, Navy Type No. 49021 - A	C	16J3251
1	Model SA Series Tender Spares	B		6	Jackboxes, Shielded, Navy Standard, Navy Type No. 49,000		
1	Model SC Series Tender Spares	B					
1	Model SG Series Tender Spares	B					
1	Model SK Series Tender Spares	B					
1	Model SU Series Tender Spares	B					
1	Model VC Series Tender Spares	B					
1	Model VD Series Tender Spares	B					
1	Model VF Series Tender Spares	B					
1	Model VG Series Tender Spares	B					
1	Model BK Series Base Spares	B					
1	Model BL Series Base Spares	B					
1	Model BN Series Base Spares	B					
5	Model BK Equipment Complete	B					
10	Type 66ACG or AFJ Antenna	B					
5	Type 50ACW Duplexer	B					
1	Model NM-12 Tender Spares	B					
1	Model NM-13 Tender Spares	B					
1	Model NMB-1 Tender Spares	B					
1	Model NMB-2 Tender Spares	B					
1	Model NMC Tender Spares	B					
1	Model NMC-1 Tender Spares	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 July 1945	1 May 1945	III	25E	RE IIA 100



TYPE

AD

TENDER

**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
DESTROYER TENDERS**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<b>MISCELLANEOUS MATERIAL (Contd)</b>				<b>TOOLS</b>		
10	Jackboxes, Unshielded, Navy Standard, Navy Type No. 49029		16B10050	1	Blower, portable, electric	B	17B21185
24	Keys, Telegraph, Legless - With Lever - 1/8", Navy Type No. 26001 - B		16K1790	12	Blades, hacksaw, type "B", 18 teeth	C	41B1163
48	Plugs, Telephone, Unshielded, Navy Type 49034		16P4580	12	Blades, hacksaw, type "B", 32 teeth	C	41B1164
3	Resistors, Ferrule-Mounted, 15 Ohms, Navy Type 63114 D	C		2	Chisels, machinists', hand, 1/4"	C	41C1052
6	Resistors, Ferrule-Mounted, 15 Ohms, Navy Type 63002 D			2	Chisels, machinists', hand, 3/8"	C	41C1062
24	Resistors, Ferrule-Mounted, 90 Ohms, Navy Type 63185 D			2	Cutters, circle, 1" to 5-1/2", 1/2", round shank (Pawood #5 or equal)	C	
3	Resistors, Ferrule-Mounted, 400 Ohms, Navy Type 63133 D			1	Drill, portable, electric, 1/4" capacity	B	40D341
12	Resistors, Ferrule-Mounted, 500 Ohms, Navy Type 63070 D			1	Drill, hand, 3/8" capacity	B	41D1828
6	Resistors, Ferrule-Mounted, 1000 Ohms, Navy Type 63141 D			1	Drill, breast, 1/2" capacity	B	41D1663
3	Resistors, Ferrule-Mounted, 2000 Ohms, Navy Type 63079 D			2 sets	Drills, twist, carbon-steel, type "X"	C	41F3390
6	Resistors, Ferrule-Mounted, 3000 Ohms, Navy Type 63145 D			2	Files, flat, 6"	C	41F870
12	Resistors, Ferrule-Mounted, 5000 Ohms, Navy Type 63085 D			2	Files, flat, 8"	C	41F872
12	Resistors, Ferrule-Mounted, 10000 Ohms, Navy Type 63154 D			2	Files, flat, 10"	C	41F874
12	Resistors, Ferrule-Mounted, 10000 Ohms, Navy Type 63090 D			1	Frame, hacksaw, adjustable	C	41F3390
6	Resistors, Ferrule-Mounted, 20000 Ohms, Navy Type 63219 D			1	Hammer, machinists', 1/2 lb.	C	41H521
6	Resistors, Ferrule-Mounted, 20000 Ohms, Navy Type 63159 D			1	Hammer, machinists', 1 lb.	C	41H523
12	Resistors, Ferrule-Mounted, 25000 Ohms, Navy Type 63095 D			1	Iron, soldering, electric, light duty	B	41I688
500	Tape, Non-Blocking, Gummed, 3/8", Navy Type 10055			1	Iron, soldering, electric, medium duty	B	41I691
10	Switches, S.P.S.T. Toggle, Type 24000	C	16B10735	1	Iron, soldering, electric, light duty	B	41I685
5 lb.	Solder, Wire, Rosin Core	C	468905	2	Pliers, combination, slip-joint, 6"	C	41P1631
500Ft	Transmission Line, Concentric Type RG/10V	C	16C2750	2	Pliers, combination, slip-joint, 8"	C	41P1633
500Ft	Wire, Bronze Antenna, 7-#18	C	16W3740	2	Pliers, diagonal cutting, 4"	C	41P1710
500Ft	Wire Rope, Phosphor Bronze, 5/16" dia. (6x19)	C	22R200	1	Plier, electric, "Thermagrip #2"	B	-
500Ft	Wire Rope, Phosphor Bronze, 7/16" dia. (6x19)	C	22R210	1	Plier, electric, "Thermagrip #5"	B	-
5	Whip Antennas, Vertical, Type 66053			2	Pliers, diagonal cutting, 6"	C	41P1714
3	Antenna Assemblies (for Model TBS Series Eqt.), Type 66015	B		2	Pliers, round nose, short, 4"	C	41P1910
	The items and quantities listed above represent the recommended initial stock. Additional types and quantities may be allowed as recommended by Service Forces. A stock of vacuum tubes based on the type and number of vessels serviced should be requisitioned by the supply officer.			2	Pliers, round nose, short, 6"	C	41P1914
				2	Pliers, side cutting, flat nose, 6"	C	41P1974
				2	Pliers, side cutting, flat nose, 8"	C	41P1977
				2	Pliers, long nose, 6"	C	-
				1	Punches, center, 3/8"	C	41T3185
				1	Square, combination, 12"	C	41S4298
				1	Shears, hand, type "B"	C	41S2798
				1	Scriber, machinists', 9"	C	41S2030
				2	Screwdrivers, common, 3" blade	C	41S1101
				2	Screwdrivers, common, 4" blade	C	41S1102
				2	Screwdrivers, common, 6" blade	C	41S1104
				2	Screwdrivers, common, 8" blade	C	41S1106
				2	Screwdrivers, common, 12" blade	C	41S1110
				2	Screwdrivers, slim-shank, 6" blade	C	41S1156
				1	Screwdriver, Phillips 3" blade #1 point	C	-
				2	Screwdrivers, Phillips 4" blade #2 point	C	-
				2	Screwdrivers, Phillips 6" blade #4 point	C	-
				1	Torch, gasoline, 1 quart	B	41T3645
				1	Vise, bench, 3" Jaws, Class A	B	41V242
				1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000
				1	Wrench, open-end, 15" double-head, 9/16" & 5/8"	C	41W1005
				1	Wrench, open-end, 15" double-head, 5/8" & 3/4"	C	41W1008
				1	Wrench, open-end, 15" double-head, 3/4" & 13/16"	C	41W1012
				1	Wrench, open-end, 15" double-head, 7/8" & 15/16"	C	41W1019
				1	Wrench, open-end, 15" double-head, 1" & 1-1/8"	C	41W1024
				1 set	Wrenches, open-end, 22-1/2" double-head 1/4" to 1"	B	41W2100
				1 set	Wrenches, socket, medium duty, 1/4" to 1"	B	41W2997
				1	Wrench, pipe, adjustable, 10"	C	41W1652
				2 sets	Wrenches, socket, hollow-shank	B	-
				2 sets	Wrenches, setscrew, (Allen #604 or equal)	B	-
				3	Pliers, phone-tip, Type 49112	B	16P

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	25F	III	1 May 1945	1 July 1945

12

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**AMMUNITION SHIPS**

TYPE
A E

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO CENTRAL</u>				<u>ANTENNA SYSTEM</u>			
1	Model TDZ Series Transmitting Equipment	B		10*	Type 61493 Suspension Insulators	C	16I12145
2	Model RDZ Series Receiving Equipments	B		18*	Type 61479 Suspension Insulators	C	16I12105
1	Model TAJ Series Transmitting Equipment	B		5*	Type 610190 Entrance Insulators	B	16I5951
1	Model TBK Series Transmitting Equipment	B		3*	Type 61475 Entrance Insulators	B	16I5975
1	Model TBS Series Transmitting-Receiving Equipment	B		18*	Type 61339 Pedestal Insulators	C	16I9838
		B		5	Type 63288 Static-Leak Resistors (1/2 megohm)	C	16R18225
2	Model RAK Series Receiving Equipments	B		6	Type 61352 Anti-Corona Caps	B	16C4000
2	Model RAL Series Receiving Equipments	B		6	Type 28006A Receiver Protective Units	B	
2	Model RBO Series Receiving Equipments	B		26*	Type 49120 Concentric Jacks	C	16J1200
1	Model LM Series Frequency Meter	B		11*	Type 49123 Concentric Patchcord Assemblies	B	
1	Type 23187 Receiver Transfer Panel	B		7*	Type 61471 Entrance Insulators	B	
1	Type 23199 Transmitter Transfer Panel	B	16B10010			B	
1	Type 49063 Jackbox	B				B	
2	Type 23146 Key-Control Panels	B				B	
1	Type 50194 Modulator Equipment	B				B	
1	Type 23135 Control Unit	B					
<u>EMERGENCY RADIO STATION</u>				<u>ELSEWHERE</u>			
1	Model TDE Series Transmitting Equipment	B		4	Type 49620 Series Speaker-Amplifier Units (Broadcast)		
1	Model RCH Series Receiving Equipment	B		e2	Type 211007 Motor Generator Sets		
1	Type 23190 Receiver Transfer Panel	B					
1	Type 23204 Transmitter Transfer Panel	B					
1	Type 23146 Key-Control Panel	B					
1	Type 49063 Jackbox	B	16B10010				
2	Type 49029 Jackbox	B	16B10050				
<u>PILOT HOUSE</u>				<u>RADAR MATERIAL</u>			
1	Model RBK Series Receiving Equipment	B		1	Medium Surface Search Radar	B	
1	Model RBS Series Receiving Equipment	B		1	Model BN Series Interrogator Responder	B	
4	Type 49546 Loudspeaker Units	B		2	Model BK Series Transponders	B	
1	Type 23146 Key-Control Panel	B		1	Fire Control Radar Equipment MK26 (AE 1-6, 8, 9, 12-19)	B	
1	Type 49029 Jackbox	B	16B10050	1	Medium Air Search Radar	B	
1	Type 23135 Control Unit	B		1	Model BL or BM Series Interrogator-Responder	B	
1	Type 23423 Radiophone Unit	B		1	Type CCL - 211014 Motor Generator	B	
2	Type 50210 Amplifier Units	B		+2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B	
1	Type 23500 Radiophone Unit	B		4	Type 6V-SBM-15AH Storage Batteries	B	
1	Type 51081 Hand Telephone Assembly	B					
<u>CHART HOUSE</u>				<u>SONAR MATERIAL</u>			
1	Model DA <sup>B</sup> Series Loran Equipment	B	16B10050	1	Model NM Series Sounding Equipment	B	
1	Type 49029 Jackbox	B					
				<u>RCM MATERIAL</u>			
				None			

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS.

- e = For vessels in which 115 v.a.c. power is not available for radio equipment.
- + = One additional on vessel when air search radar antenna does not include IFF Array.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 July 1945	1 May 1945	III	30A	RE IIA 100





INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**PROVISION STORESHIPS**

TYPE
A F

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO CENTRAL</u>				<u>ANTENNA SYSTEM</u>			
1	Model TAJ Series Transmitting Equipment	B		10*	Type 61493 Suspension Insulators	C	16I12145
1	Model TBK Series Transmitting Equipment	B		18*	Type 61479 Suspension Insulators	C	16I12105
2	Model RAK Series Receiving Equipments	B		5*	Type 61019C Entrance Insulators	C	16I5951
2	Model RAL Series Receiving Equipments	B		3*	Type 61475 Entrance Insulators	B	16I5975
2	Model RBO Series Receiving Equipments	B		18*	Type 61339 Pedestal Insulators	C	16I9838
1	Model TDZ Series Transmitting Equipment	B		5	Type 63288 Static-Leak Resistors (1/2 megohm)	C	16R18225
2	Model RDZ Series Receiving Equipments	B		6	Type 61352 Anti-Corona Caps	B	16P8000
1	Model LM Series Frequency Meter	B		6	Type 28006A Receiver Protective Units	B	16P8800
1	Type 23187 Receiver Transfer Panel	B		26*	Type 49120 Concentric Jacks	C	16J1200
1	Type 23199 Transmitter Transfer Panel	B		11*	Type 49123 Concentric Patchcord Assemblies	C	
1	Type 49063 Jackbox	B	16B10010	7*	Type 61471 Entrance Insulators	B	
2	Type 23146 Key-Control Panel	B		1	Type 66143 Antenna Assembly	B	
1	Type 50194 Modulator Equipment	B					
<u>EMERGENCY RADIO STATION</u>				<u>ELSEWHERE</u>			
1	Model TDE Series Transmitting Equipment	B		5	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
1	Model RGH Series Receiving Equipment	B					
1	Type 23204 Transmitter Transfer Panel	B					
1	Type 23146 Key-Control Panel	B					
1	Type 49063 Jackbox	B	16B10010				
2	Type 49029 Jackbox	B	16B10050				
1	Type 23190 Receiver Transfer Panel	B					
<u>PILOT HOUSE</u>				<u>RADAR MATERIAL</u>			
1	Model RBK Series Receiving Equipment	B					
1	Model RBS Series Receiving Equipment	B					
1	Model MBF Series Transmitting-Receiving Equipment	B					
1	Model SCR-608 Series Transmitting- Receiving Equipment	B					
1	Type 23146 Key-Control Panel	B		41	Medium Surface Search Radar	B	
1	Type 23423 Radiophone Unit	B		41	Model BN Series Interrogator Responder	B	
1	Type 49029 Jackbox	B	16B10050	+2	Model BK Series Transponders	B	
1	Type 49546 Loudspeaker Unit	B		1	Fire Control Radar Equipment MK26 (AF 1,7-13, 15, 16, 18, 21, 26, 28, 29)	B	
2	Type 50210 Amplifier Units	B		+2	Type CTZ-66AGG or CTZ-66AFJ Antennas	B	
1	Type 23500 Radiophone Unit	B		1	Type GGL - 211014 Motor Generator	B	
1	Type 51081 Hand Telephone Assembly	B		4	Type 6V-BBM-15AH Storage Batteries	B	17B9490
1	Type 211437 Motor Generator	B					
<u>CHART HOUSE</u>				<u>SONAR MATERIAL</u>			
1	Type 49029 Jackbox	B	16B10050				
1	Model DAS Series Loran Equipment	B		1	Model NM Series Sounding Equipment	B	
				<u>RCM MATERIAL</u>			
				None			

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

/ = Not allowed in AF 30-39, 41-47.

+ = One allowed in AF 30-39, 41-47.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 July 1945	III	35A	RE IIA 100

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">TYPE</td> </tr> <tr> <td style="text-align: center; font-size: 2em;">AF</td> </tr> </table>	TYPE	AF	FITTING - OUT <b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b> FOR <b>PROVISION STORESHIPS</b>
TYPE			
AF			

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Continued)</u>			
1	Model OZ Series Vacuum Tube Analyzer	B		1	Pliers, combination, slip-joint, 8"	C	41P1633
1	Model OBL Oscilloscope	B		1	Pliers, diagonal cutting, 4"	C	41P1710
1	Type 10223 Repair Kits	B		1	Pliers, diagonal cutting, 6"	C	41P1714
1	OBU-2,3 Echo Box (for each SL & SG)	B		1	Pliers, round nose, short, 4"	C	41P1910
1	Type 60-ABM Frequency Meter (for each SL & MK-26)	B		1	Pliers, round nose, short, 6"	C	41P1914
				1	Pliers, side cutting, flat nose, 6"	C	41P1974
				1	Pliers, side cutting, flat nose, 8"	C	41P1977
				1	Pliers, long nose, 6"	C	
				1	Punch, center, 3/8"	C	41T3185
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
1	Model OAH Series Code Practice Set	B		1	Screwdriver, common, 3" blade	C	41S1101
5	Type 49106 Head Telephone Assemblies	B	16H3930	1	Screwdriver, common, 4" blade	C	41S1102
				1	Screwdriver, common, 6" blade	C	41S1104
				1	Screwdriver, common, 8" blade	C	41S1106
				1	Screwdriver, common, 12" blade	C	41S1110
				1	Screwdriver, slim-shank, 6" blade	C	41S1156
				1	Screwdriver, Phillips, 3" blade #1 point	C	41S16545
				1	Screwdriver, Phillips, 4" blade #2 point	C	41S16482
				1	Screwdriver, Phillips, 8" blade #4 point	C	41S16453
				1	Torch, gasoline, 1 quart	B	41T3645
				1	Vise, bench, 3" jaws, Class A	B	41V242
				1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000
				1	Wrench, open-end, 15" double-head, 9/16" & 5/8"	C	41W1005
				1	Wrench, open-end, 15" double-head, 5/8" & 3/4"	C	41W1008
				1	Wrench, open-end, 15" double-head, 3/4" & 13/16"	C	41W1012
				1	Wrench, open-end, 15" double-head, 7/8" & 15/16"	C	41W1019
				1	Wrench, open-end, 15" double-head, 1" & 1-1/8"	C	41W1024
				1 set	Wrenches, socket, hollow-shank	B	
				1 set	Wrenches, setscrew, (Allen #604 or equal)	B	
<u>MISCELLANEOUS SPARES</u>							
5	Type 61493 Suspension Insulators	C	16I12145				
7	Type 61479 Suspension Insulators	C	16I12105				
1	Type 61019C Entrance Insulator	B	16I5951				
1	Type 61475 Entrance Insulator	B	16I5975				
4	Type 61339 Pedestal Insulators	C	16I9838				
1	Type 61234A Insulator Bowl	C	16I14025				
3	Type 49016 Head Telephone Assemblies	B	16H3930				
300 Ft.	7-#18 Bronze Antenna Wire	C	16W3740				
300 Ft.	5/16" dia. (6x19) Bronze Wire Rope	C	22R200				
200 Ft.	7/16" dia. (6x19) Bronze Wire Rope	C	22R210				
2	Type 61471 Entrance Insulators						
1	Type 61470 Insulator Bowl						
<u>TOOLS</u>							
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Chisel, machinists', hand, 1/4"	C	41C1052				
1	Chisel, machinists', hand, 3/8"	C	41C1062				
1	Cutter, circle, 1" to 5-1/2", 1/2" Round Shank (Pawood #5 or equal)	C	41D1828				
1	Drill, hand, 3/8" capacity	B	41D1663				
1	Drill, breast, 1/2" capacity	B	41D1250				
1 set	Drills, twist, carbon-steel, Type "K"	C	41F870				
1	File, flat, 6"	C	41F872				
1	File, flat, 8"	C	41F874				
1	File, flat, 10"	C	41F3390				
1	Frame, hacksaw, adjustable	C	41H521				
1	Hammer, machinists', 1/2 lb.	C	41I688				
1	Iron, soldering, electric, light duty	B	41I691				
1	Iron, soldering, electric, medium duty	B	41P1631				
1	Pliers, combination, slip-joint, 6"	C					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II				
REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	35B	III	1 July 1945	

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**COMBINED BARRACKS, ISSUE AND DISTILLING SHIPS**

<b>TYPE</b>
<b>AG</b>
<b>68-71</b>
<b>73-78</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO CENTRAL</u>				<u>ANTENNA SYSTEM (CONT'D)</u>			
1	Model TAJ Series Transmitting Equipment	B		6	Type 61352 Anti-Corona Caps	B	16C4006
1	Model TBK Series Transmitting Equipment	B		6	Type 28006A Receiver Protective Units	B	16P8800
2	Model RAK Series Receiving Equipments	B		26*	Type 49120 Concentric Jacks	C	16J1200
2	Model HAL Series Receiving Equipments	B		11*	Type 49123 Concentric Patchcord Assemblies	B	
2	Model RBO Series Receiving Equipments	B			Type 61471 Entrance Insulators	B	
1	Model LM Series Frequency Meter	B		7*	Type 66143 Antenna Assembly	B	
1	Type 23187 Receiver Transfer Panel	B		1			
1	Type 23199 Transmitter Transfer Panel	B					
1	Type 49063 Jackbox	B	16B10010				
2	Type 23146 Key-Control Panel	B					
1	Type 50194 Modulator Equipment	B					
1	Model TDZ Series Transmitting Equipment	B					
2	Model RDZ Series Receiving Equipment	B					
<u>EMERGENCY RADIO STATION</u>				<u>ELSEWHERE</u>			
1	Model IDE Series Transmitting Equipment	B		6	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
1	Model RCH Series Receiving Equipment	B					
1	Type 23190 Receiver Transfer Panel	B					
1	Type 23204 Transmitter Transfer Panel	B					
1	Type 23146 Key-Control Panel	B					
1	Type 49063 Jackbox	B	16B10010				
2	Type 49029 Jackbox	B	16B10050				
<u>PILOT HOUSE</u>				<u>RADAR MATERIAL ELECTRONIC SHOP</u>			
1	Model RBB Series Receiving Equipment	B		1	Model SC-4 Medium Surface Search Radar	B	
1	Model RBK Series Receiving Equipment	B		1	Model SG-1 Large Surface Search Radar	B	
3	Type 49546 Loudspeaker Unit	B		1	Model SL-1 Medium Surface Search Radar	B	
1	Type 23146 Key-Control Panel	B		1	Model SO-1 Small Surface Search Radar	B	
1	Type 49029 Jackbox	B	16B10050	1	Model SU Small Surface Search Radar	B	
1	Model MBF Series Transmitting-Receiving Equipment	B		1	MK12 Fire Control Radar	B	
1	Type 23423 Radiophone Unit	B		1	MK22 Fire Control Radar	B	
1	Type 23500 Radiophone Unit	B		1	Model BL-6 Interrogator Responder	B	
1	Type 51081 Hand Telephone Assembly	B		1	Model BN Series Interrogator Responder	B	
2	Type 50210 Amplifier Units	B		1	Type CTZ-66ACG or CTZ-66AFJ Antenna	B	
				1	Type GCL - 211018 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
<u>CHART HOUSE</u>				<u>RADAR MATERIAL</u>			
1	Type 49029 Jackbox	B	16B10050	1	Model SF-1 Small Surface Search Radar	B	
1	Model DAS Series Loran Equipment	B		1	Model BK Series Interrogator Responder	B	
				2	Model BK Series Transponders	B	
				2	Type CTZ-66ACG or CTZ-66AFJ Antennae	B	
				1	Type GCL - 211018 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	
<u>ANTENNA SYSTEM</u>				<u>SONAR MATERIAL</u>			
10*	Type 61493 Suspension Insulators	C	16I12145	1	Model NM Series Sounding Equipment	B	
18	Type 61479 Suspension Insulators	C	16I12105	2	Bathy-Thermograph	B	
5*	Type 61019C Entrance Insulators	B	16I5951				
18*	Type 61339 Pedestal Insulators	C	16I9838				
5	Type 63288 Static-Leak Resistors (1/2 megohm)	C	16I18225				
				<u>RCM MATERIAL</u>			
				None			

**QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES**

**SPECIAL EXCEPTIONS AND REMARKS**

Ø = Assignment made by Commander Service Forces and Type Commanders.

**THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 October 1945	1 August 1945	III	42A	RE IIA 100

TYPE  
**AG**  
68-71  
73-78

FITTING - OUT  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
COMBINED BARRACKS, ISSUE AND DISTILLING SHIPS

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<u>TESTING EQUIPMENT</u>				<u>MISCELLANEOUS SPARES</u>		
2	Model OAA-2 Echo Boxes	B		1	Type 49016 Head Telephone Assembly	B	L6H3930
1	Model OBU-2, 3 Echo Box	B		5	Type 61493 Suspension Insulators	C	L6I12145
1	Model TS-62/AP Echo Box	B		7	Type 61479 Suspension Insulators	C	L6I12105
1	Model TS-218/UP Echo Box	B		2	Type 61019C Entrance Insulators	B	L6I5951
1	Model TS-275/UP Echo Box	B		1	Type 61234A Insulator Bowl	C	L6I14025
1	Model TS-311/UP Echo Box	B		4	Type 61339 Pedestal Insulators	C	L6I9838
1	Model AN/UPM-2 Frequency Meter	B		1	Type 61470 Insulator Bowl	B	
1	Model OAP Series Frequency Meters	B		2	Type 61471 Entrance Insulators	B	
1	Model TS-33/AP Frequency Meter	B		1	Type 61475 Entrance Insulator	B	
1	Model TS-173/UR Frequency Meter	B		300 Ft.	7-#18 Bronze Antenna Wire	C	
1	Model TS-182/UP Frequency Meter	B		300 Ft.	5/16" dia. (6x19) Bronze Wire Rope	C	22R200
1	Type 60-ABM Frequency Meter	B		200 Ft.	7/16" dia. (6x19) Bronze Wire Rope	C	22R210
2	Model OBL Series Oscilloscopes	B					
1	Model OBT Series Oscilloscope	B			<u>TOOLS</u>		
1	Model TS-34A/UP, Synchrometer	B		6	Blades, hacksaw, type "B", 18 teeth	C	41B1163
1	Model TS-148/UP, Analyzer	B		6	Blades, hacksaw, type "B", 32 teeth	C	41B1164
1	Model LAE Series Signal Generator	B		1	Chisel, machinists', hand, 1/4"	C	41C1052
1	Model LAF Series Signal Generator	B		1	Chisel, machinists', hand, 3/8"	C	41C1062
1	Model LO Series Signal Generator	B		1	Cutter, circle, 1" to 5-1/2", 1/2" Round Shank (Pawood #5 or equal)	C	
2	Model LP Series Signal Generator	B		1	Drill, hand 3/8" capacity	C	41D1828
1	Model OCD Series Pulsar	B		1	Drill, breast, 1/2" capacity	B	41D1663
1	Model TS-35A/AP Signal Generator	B		1 set	Drills, twist, carbon-steel, type "K"	B	41D1250
1	Model TS-202/U Harmonic Generator	B		1	File, flat 6"	C	41F870
1	Model TS-331/UR Signal Generator	B		1	File, flat 8"	C	41F872
1	Model 709B (RCA) Signal Generator	B		1	File, flat 10"	C	41F874
1	Model OAW Series Tube Tester	B		1	Frame, hacksaw, adjustable	C	41F3390
3	Model OZ Series Tube Tester	B		1	Hammer, machinists', 1/2 lb.	C	41H521
1	Model AN/UPM-1b osc., WM. Scope	B		1	Iron, soldering, electric, light duty	B	41I688
1	Model AN/UPM-7 Test Kit	B		1	Pliers, combination, slip-joint 6"	C	41P1631
2	Mark-2 Synoro. Tester	B		1	Pliers, combination, slip-joint 8"	C	41P1633
1	Model OCV F.S. & Noise Meter	B		1	Pliers, diagonal cutting, 4"	C	41P1710
1	Model OAX Series Sonar Monitor	B		1	Iron, soldering, electric, medium duty	B	41I1691
4	Model OBQ Series VT Volt-Ohm Milliammeter	B		1	Pliers, long nose, 6"	C	41P1991
3	Model OCR Series Volt-Ohm Milliammeter	B		1	Pliers, diagonal cutting, 6"	C	41P1714
1	Model OF Series Field Strength Meter	B		1	Pliers, round nose, short, 4"	C	41P1910
1	Model OL Series Sonar Tester	B		1	Pliers, round nose, short, 6"	C	41P1914
1	Model TS-15A/AP Fluxmeter	B		1	Pliers, side cutting, flat nose, 6"	C	41P1974
2	Model TS-89/AP Voltage Divider	B		1	Pliers, side cutting, flat nose, 8"	C	41P1977
1	Model TS-102/UP Range Calibrator	B		1	Punch, center, 3/8"	C	41T3185
2	Model TS-231/UP R.F. Load	B		1	Screwdriver, common, 3" blade	C	41S1101
1	Model TS-358/UP Range Calibrator	B		1	Screwdriver, common, 4" blade	C	41S1102
1	Model SU-SU-1 Antenna Service Kit	B		1	Screwdriver, common, 6" blade	C	41S1104
2	Model OCW Series Meggers	B		1	Screwdriver, Phillips 3" blade #1 point	C 41	S1645-15
10	Type 10223 Repair Kits	B		1	Screwdriver, Phillips 4" blade #2 point	C 41	S1645-20
2	Type 60007 C & R Bridge	B		1	Screwdriver, Phillips 8" blade #4 point	C 41	S1645-30
2	Type 60089 Volt Megohmmeter	B		1	Torch, gasoline, 1 quart	B	41T3645
2	58 Measurements Corp. Noise M	B		1	Vise, bench, Class A, 3" Jaw	B	41V242
1	715 AE (Gen. Radio) Amplifier	B		1	Wrench, open-end, 15° double-head, 7/16" & 1/2"	C	41W1000
1	Recorder Esterline Angus	B		1	Wrench, open-end, 15° double-head, 9/16" & 5/8"	C	41W1005
3	Type 10498 Terminal Kits	B		1	Wrench, open-end, 15° double-head, 5/8" & 3/4"	C	41W1008
1	Model LM Series Frequency Meter	B		1	Wrench, open-end, 15° double-head, 3/4" & 13/16"	C	41W1012
	<u>MISCELLANEOUS EQUIPMENTS AND MATERIALS</u>			1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41W1019
1	Model OAH Series Code Practice Set	B		1	Wrench, open-end, 15° double-head, 1" & 1-1/8"	C	41W1024
5	Type 49016 Head Telephone Assemblies	B		1 set	Wrenches, socket hollow-shank	B 41	W2623-42
				1 set	Wrenches, setscrew (Allen #604 or equal)	B	

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	42B	III	1 August 1945	1 October 1945



**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**AMPHIBIOUS FORCE FLAGSHIPS**

<b>TYPE</b>
<b>AGC</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO CENTRAL</u>				<u>RADIO TRANSMITTER ROOM (CONT'D)</u>			
1	Model RBY Series Receiving Equipment	B		3	Type 49029 Jackboxes	B	16B10050
3	Model RBO Series Receiving Equipments	B		1	Type 23423 Radiophone Unit	B	
8	Model RBA Series Receiving Equipments	B					
1*	Model RBB Series Receiving Equipments	B					
22	Model RBC Series Receiving Equipments	B					
11	Model RBS Series Receiving Equipments	B					
1	Model LR Series Frequency Meters	B					
1	Type Wheatstone Bridge	B					
6	Model RCK Series Receiving Equipments	B					
6	Model TDQ Series Transmitting Equipments	B		1	Model TAJ Series Transmitting Equipment	B	
3	Model RBU Panoramic Adaptors	B		1	Model TBL Series Transmitting Equipment	B	
3	Model RBV Panoramic Adaptors	B		1	Model TBM Series Transmitting Equipment	B	
50	Type 23146 Key-Control Panels	B		1	Model TBS Transmitting-Receiving Equipm.	B	
3	Type 23183 Receiver Transfer Panels	B		4	Model TCK Series Transmitting Equipments	B	
3	Type 23193 Transmitter Transfer Panels	B		3	Model TCS Series Transmitting Equipments	B	
3	Type 23205 Radiophone Transfer Panels	B		1	Model TBA Series Transmitting Equipments	B	
4	Type 23423 Radiophone Units	B		2	Model TCZ Series Transmitting Equipments	B	
92	Type 49029 Jackboxes	B	16B10050	1	Model MBF Series Transmitting-Receiving Equipment	B	
6	Type 23406 Antenna Transfer Panels	B		1	Model RBL Series Receiving Equipment	B	
1	Model MBF Series Transmitting-Receiving Equipment	B		1	Model RAO Series Receiving Equipment	B	
5	Model XTR42BM McElroy Keyers	B		1	Model LR Frequency Meter	B	
3	Model SC-10 Waters Connally Recorders	B					
3	Model TB-150 Deliaser Tape Bridges	B		2	Type 23146 Key-Control Panel	B	
6	Model TP-100 Deliaser Tape Fullers and Rewind Reels	B		1	Type 23186 Receiver Transfer Panel	B	
3	Model Deliaser Tape Stands complete	B		1	Type 23194 Transmitter Transfer Panel	B	
2	Diversity Mixers (Schuttig)	B		1	Type 23205 Radiophone Transfer Panel	B	
2	Model 15 Teletypewriters	B		1	Type 23135 Control Unit	B	
2	Model 19 Teletypewriters	B		1	Type 51019 Telephone Assembly	B	
2	Model 14 Typing Repertorator Transmitter Distributors	B		1	Type 50064 Modulator Equipment	B	16B10050
2	Model FRC or FRA Converter Adaptor Units	B		3	Type 49029 Jackboxes	B	
3	Wheatstone Perforators	B		1	Type 23423 Radiophone Unit	B	
2	Model ORL Oscilloscopes	B		1	Model FSA or PWFS 12A Frequency Shift Keyers	B	
1	Type 23189 or 23190 Receiver Transfer Panel	B		1	Model FSK Coupling Unit for Model TBM Transmitter	B	
4	600/600 Audio Transformers	B		1	Model YG Series Homing Equipment (Including True Bearing Adaptor)	B	
<u>RADIO TRANSMITTER ROOM</u>				<u>RADAR TRANSMITTING ROOM (BASE OF RADAR TOWER)</u>			
1	Model TBK Series Transmitting Equipment	B					
1	Model TCZ Series Transmitting Equipment	B		4	Model SCR-608 Transmitting-Receiving Equipments	B	
1	Model TAJ Series Transmitting Equipment	B		1	1498 P.M. Link Transmitting-Receiving Equipment	B	
1	Model TAQ Series Transmitting Equipment	B		4	Type 211649 M.G. Sets	B	
1	Model TBA Series Transmitting Equipment	B					
1	Model TBL Series Transmitting Equipment	B					
6	Model TCS Series Transmitting Equipments	B					
3	Model TCK Series Transmitting Equipments	B					
2	Model TDE Series Transmitting Equipments	B					
1	Model RBL Series Receiving Equipment	B					
1	Model RAO Series Receiving Equipment	B					
1	Model LR Frequency Meter	B					
2	Type 23146 Key-Control Panels	B					
1	Type 23186 Receiver Transfer Panel	B		1	Type 49029 Jackbox	B	16B10050
1	Type 23194 Transmitter Transfer Panel	B		1	Model DAS Series Direction Finding Equipment (Loran)	B	
1	Type 23205 Radiophone Transfer Panel	B					
1	Type 50064 Modulator Equipment	B					
1	Model FSA or PWFS 12A Frequency Shift Keyers	B					
2	Model FSK coupling units for TBA and TBK Transmitters	B					

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 November 1945	III	43A	RE IIA 100

**TYPE**  
**AGC**

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**AMPHIBIOUS FORCE FLAGSHIPS**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>PILOT HOUSE</u>				<u>GUNNERY AND LANDING FORCE OFFICE (FLAG BRIDGE)</u>			
2	Type 23135 Control Units	B		2	Type 23423 Radiophone Units	B	
1	Type 23146 Key-Control Panel	B		2	Type 49620 Series Speaker Amplifier Units	B	
1	Type 23423 Radiophone Unit	B		3	Model RBB Series Receiving Equipments	B	
1	Type 49029 Jackbox	B	16B10050				
2	Type 49546 Loudspeaker Units	B					
1	Type 49620 Series Speaker-Amplifier Unit	B					
2	Type 51019 Hand Telephone Assemblies	B					
1	Model MBF Series Transmitting-Receiving Equipment	B					
<u>OPEN BRIDGE (FLAG)</u>				<u>OPERATIONS OFFICE (FLAG BRIDGE)</u>			
2	Type 23211 Radiophone Units	B		2	Type 49546 Loudspeakers (Connected to remote control units in Flag operations plotting)		
2	Type 49546 Loudspeakers	B					
2	Type 49618 Telephone Receptacles	B					
2	Type 51008 Hand Telephone Assemblies	B					
2	Type 49620 Speaker Amplifier Units	B					
<u>FLAG COMMUNICATIONS (OFFICE)</u>				<u>AEROLOGICAL</u>			
1	Model AN/ARC-1 Trans.-Rec'g. Equipment	B		1	Model RAU Series Receiving Equipment	B	
2	Model RBK Series Receiving Equipments	B		1	Model RBA Series Receiving Equipment	B	
2	Type SCR-508 Transmitting-Receiving Equipments	B		1	Model RBB Series Receiving Equipment	B	
3	Type SCR-608 Transmitting-Receiving Equipments	B		1	Model RBC Series Receiving Equipment	B	
6	Type 23146 Key Panels	B		1	Type 23146 Key-Control Panel	B	16B10050
8	Type 49029 Jackboxes	B	16B10050	1	Type 49029 Jackbox	B	
4	Type 23423 Radiophone Units	B					
2	Type 49620 Loudspeaker Units	B					
1	Type 23407 Antenna Transfer Panel	B					
1	Model MBF Series Transmitting-Receiving Equipment	B					
1	Model RCK Series Receiving Equipment	B					
1	Model RBW Series Receiving Equipment	B					
6	Type 211649 M.G. Sets	B					
<u>OPERATIONS PLOT (FLAG BRIDGE)</u>				<u>VISUAL FIGHTER DIRECTION STATION</u>			
2	Type SCR-608 Transmitting-Receiving Equipments	B		1	Type 23211 Radiophone Unit	B	
2	Type 23135 Control Units	B		1	Type 49546 Loudspeakers	B	
2	Type 49546 Loudspeakers	B					
2	Type 51019 Handsets	B					
1	Type 23423 Radiophone Unit	B					
1	Type 49620 Speaker Amplifier Unit	B					
2	Type 211649 M.G. Sets	B					
<u>OPERATIONS PLOT (FLAG BRIDGE)</u>				<u>COMBAT INFORMATION CENTER</u>			
2	Type SCR-608 Transmitting-Receiving Equipments	B		6	Type 49620 Speaker Amplifiers	B	
2	Type 23135 Control Units	B		6	Type 23423 Radiophone Units	B	
2	Type 49546 Loudspeakers	B		11	Type 49029 Jackboxes	B	16B10050
2	Type 51019 Handsets	B		2	Type 23135 Control Units	B	
1	Type 23423 Radiophone Unit	B		2	Type 49546 Loudspeaker Units	B	
1	Type 49620 Speaker Amplifier Unit	B		2	Type 51019 Telephone Handsets	B	
2	Type 211649 M.G. Sets	B		5	Type 24502 Radiophone Selector Switches	B	
				5	Type 51008 Telephone Handsets	B	
<u>OPERATIONS PLOT (FLAG BRIDGE)</u>				<u>JOINT OPERATIONS ROOM</u>			
				12	Type 24502 Radiophone Selector Switches	B	
				10	Type 49029 Jackboxes	B	
				12	Type 51008 Telephone Handsets	B	

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	43B	YII	1 November 1945	1 December 1945

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**AMPHIBIOUS FORCE FLAGSHIPS**

TYPE  
**AGC**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	
<u>JOINT OPERATIONS COMMUNICATIONS (VOICE FILTER ROOM)</u>				<u>FORWARD RADAR ROOM</u>				
18	Type 23146 Key-Control Panels	B	16B10050	1	Model TBS Series Transmitting-Receiving Equipment	B		
14	Type 23423 Radiophone Units	B			1	Type 23135 Control Units	B	
35	Type 49029 Jackboxes	B			1	Type 51019 Hand Telephone Assemblies	B	
12	Type 49620 Speaker Amplifier Units	B						
2	Type 49546 Loudspeaker Units	B						
2	Type 51019 Handsets	B						
2	Type 23135 Control Units	B						
12	Model RBS Series Receiving Equipments	B						
4	Model RBK Series Receiving Equipments	B						
1	Model RCK Series Receiving Equipment	B						
1	Model RBW Series Panoramic Adaptor	B						
1	Type 23407 Antenna Transfer Panel	B						
1	Type 24502 Radiophone Selector Switch	B			5	Model SCR-610 Transmitting-Receiving Equipments (Portable)	B	
1	Type 51008 Handsets	B			20	Type 49620 Series Speaker-Amplifier Units	B	
					5	Type 211549 M.G. Sets	B	
<u>LANDING FORCE OPERATIONS</u>				<u>ELSEWHERE</u>				
4	Type 23146 Key-Control Panels	B						
4	Type 23423 Radiophone Units	B						
4	Type 51008 Telephone Handsets	B						
4	Type 49029 Jackboxes	B						
4	Type 49620 Speaker Amplifier Units	B						
<u>AUXILIARY JOINT OPERATIONS ROOM</u>				<u>RADIO IV</u>				
2	Type 23135 Control Units	B	16B10050	2	Model TDZ Series Transmitting Equipment	B		
2	Type 23146 Key-Control Panels	B			4	Model RDZ Series Receiving Equipment	B	
4	Type 23423 Radiophone Units	B						
2	Type 49029 Jackboxes	B						
4	Type 49620 Series Speaker-Amplifier Units	B						
2	Type 51019 Hand Telephone Assemblies	B						
2	Type 49546 Loudspeakers	B						
<u>CODING ROOM</u>				<u>ANTENNA SYSTEM</u>				
2	Model #15 Teletypewriters			90*	Type 61493 Suspension Insulators	C	16112145	
1	E.E. SA (Army) Hand Telephone Set			55*	Type 61481 Suspension Insulators	C	16112130	
1	THI/TOCI Telegraph Terminal (Modified)			15*	Type 61479 Suspension Insulators	C	16112105	
				6*	Type 61019C Entrance Insulators	B	1615951	
				15*	Type 61475 Entrance Insulators	B		
				60*	Type 61352 Anti-Corona Caps	C	16C4000	
				23*	Type 61175A Pedestal Insulators	C	1619832	
				6*	Type 61022C Entrance Insulators			
				141*	Type 61339 Pedestal Insulators	C	1619838	
				4*	Type 61338 Pedestal Insulators	C	1619844	
				56*	Type 61471 Entrance Insulators			
				6*	Type 66047 Vertical Transmitting Antennae			
				8*	Type 66046 Vertical Receiving Antennae			
				2	Model 1509 F.M. (Link) 7-100 M.S. Ant.			
<u>WAR COMMAND ROOM</u>								
2	Type 23146 Key-Control Panels	B	16B10050					
2	Type 49029 Jackboxes	B						
1	Type 23423 Radiophone Units	B						

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 October 1945	1 October 1945	III	43C	RE IIA 100





FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**AMPHIBIOUS FORCE FLAGSHIPS**

**TYPE**  
**AGC**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<b>TESTING EQUIPMENT</b>				<b>MISCELLANEOUS SPARES</b>		
1	Model OTC Monitor	B			Type 49016 Head Telephone Assemblies	B	16H3930
2	Model OAA-2 Echo Boxes	B		50	Type 61019C Entrance Insulators	B	1615051
1	Model OBU-2,3 Echo Boxes	B		2	Type 61234A Insulator Bowls	B	16114025
1	Model TS-62/AP Echo Box	B		2	Type 61475 Entrance Insulators	B	
1	Model TS-218/UP Echo Box	B		3	Type 61476 Insulator Bowls	B	
1	Model TS-275/UP Echo Box	B		3	Ft. 7-#18 Bronze Antenna Wire	B	16W3740
1	Model TS-311/UP Echo Box	B		600	Ft. 5/16" dia. (6x19) Bronze Wire Rope	B	22R200
1	Model AM/UPM-2 Frequency Meter	B		600	Ft. 7/16" dia. (6x19) Bronze Wire Rope	B	22R210
1	Model OAP Series Frequency Meter	B		400	Type 61475 Entrance Insulators	B	
1	Model TS-33/AP Frequency Meter	B		2	Type 61231A Insulator Bowls	B	
1	Model TS-173/UR Frequency Meter	B		11	Type 61471 Entrance Insulators	B	
1	Model TS-182/UP Frequency Meter	B		11	Type 61470 Insulator Bowls	B	
1	Type 60-ABM Frequency Meter (for each MK26)	B		1	Type 66047 Vertical Antenna	B	
2	Model OBL Series Oscilloscopes	B		2	Type 66046 Vertical Antennas	B	
1	Model OBT Series Oscilloscope	B		1	Type 61335 Antenna Supporting Insulator	B	
1	Model TS-34A/UP Synroscope	B		2	Type 61350 Antenna Supporting Insulator	B	
1	Model TS-148/UP Analyzer	B		6000	Ft. Model "J" Aircraft Antenna Wire	B	
1	Model LAE Series Signal Generator	B		150	2" "Aircraft" Strain Insulators	B	
1	Model LAF Series Signal Generator	B		150	4" "Aircraft" Strain Insulators	B	
1	Model LAG Series Signal Generator	B		12	Blades, hacksaw, Type "B", 18 teeth	C	41B1163
2	Model LO Series Signal Generators	B		12	Blades, hacksaw, Type "B", 32 teeth	C	41B1164
2	Model LP Series Signal Generators	B		1	Blower, portable, electric	B	17B21185
1	Model OCS Series Pulsar	B		2	Chisels, machinists', hand, 1/4"	C	41C1052
1	Model TS-35A/AP Signal Generator	B		2	Chisels, machinists', hand, 3/8"	C	41C1062
1	Model TS-202/U Harmonic Generator	B		1	Cutter, circle 1" to 5-1/2", 1/4" round shank, (Pawood #5 or equal)	B	
1	Model TS-331/UR Signal Generator	B		2	Drills, hand, 3/8" capacity	C	41D1828
1	Model 709B (RCA) Signal Generator	B		1	Drill, breast, 1/2" capacity	C	41D1828
1	Model OAW Series Tube Tester	B		1	Drills, twist carbon-steel type "K"	B	41D1663
3	Model OZ Series Tube Tester	B		2 set	Files, flat, 6"	B	40D1250
1	Model AN/UPM-1b Osc. WM Scope	B		4	Files, flat, 8"	C	41F870
1	Model AN/UPM-7 Test Kit	B		4	Files, flat, 10"	C	41F872
2	Model QCV Series F.S. and Noise Meter	B		4	Files, flat 10"	C	41F874
3	Model OBQ Series VT Volt-Ohm Milliammeter	B		2	Frames, hacksaw, adjustable	C	41F390
4	Model OCR Series Volt-Ohm Milliammeter	B		2	Hammers, machinists', 1/2 lb.	C	41H521
2	Model OF Series Field Strength Meter	B		2	Iron, soldering, electric, light duty	B	41I688
1	Model TS-15A/AP Fluxmeter	B		2	Iron, soldering, electric, medium duty	B	41I691
2	Model TS-89/AP Voltage Divider	B		2	Pliers, phone-tip, Type 49112	B	
2	Model OCW Series Meggers	B		8	Pliers, combination, slip-joint 6"	C	41P1631
10	Type 10223 Repair Kits	B		8	Pliers, combination, slip-joint 8"	C	41P1633
2	Type 60007 C & R Bridge	B		8	Pliers, diagonal cutting, 4"	C	41P1710
2	Type 60089 VT Megohmmeter	B		8	Pliers, diagonal cutting, 6"	C	41P1714
2	58 Measurements Corp. Noise M	B		8	Pliers, round nose, short, 4"	C	41P1910
2	715AE (Gen. Radio) Amplifier	B		8	Pliers, round nose, short, 6"	C	41P1914
2	Resorder Esterline Angus	B		8	Pliers, side cutting, flat nose, 6"	C	41P1974
3	Type 10498 Terminal Kits	B		8	Pliers, side cutting, flat nose, 8"	C	41P1977
1	Model LM Series Frequency Meter	B		4	Pliers, long nose, 6"	C	41P1991
1	Milliammeter D.C. 0-100	B		4	Punches, center, 3/8"	C	41T3185
1	Type TE 50-A Teletype Tool Equipment	B		1	Pliers, electric, "Thermagrip #2"	B	41P1722
1	Type ED-5E-HE Teletype Test Equipment	B		1	Shears, hand, type "B"	C	41S2798
1	Model OCT-FSK Monitor Unit	B		8	Screwdrivers, common, 3" blade	C	41S1101
	<b>MISCELLANEOUS EQUIPMENT AND MATERIAL</b>			8	Screwdrivers, common, 4" blade	C	41S1102
150	Type 49016 Head Telephone Assemblies	B	16H3930	4	Screwdrivers, common, 6" blade	C	41S1104
8	Sets Group "A" TC Crystals	B		4	Screwdrivers, common, 8" blade	C	41S1106
30	Type RS38 Microphones	B		8	Screwdrivers, common, 12" blade	C	41S1110
8	Type 51015 Chest Microphone Assemblies	B		8	Screwdrivers, slim-shank, 6" blade	C	41S1156
8	Type 51018 Chest Microphone Assemblies	B		2	Screwdrivers, Phillips 3" blade #1 point	C	41S1645-15
1	Model OAH Series Code Practice Sets	B		2	Screwdrivers, Phillips 4" blade #2 point	C	41S1645-20
				2	Screwdrivers, Phillips 8" blade #4 point	C	41S1645-30
				2	Scriber machinists', 9"	B	41S2030
				2	Torches, gasoline, 1 quart	B	41T3645
				2	Vise, bench, Class "A", 3" Jaws	B	41V242

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 October 1945	1 May 1945	III	43E	RE IIA 100

TYPE

FITTING - OUT

AGC

**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
AMPHIBIOUS FORCE FLAGSHIPS**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<u>TOOLS (CONT'D)</u>						
1	Wrench, open-end, 15° double-head, 7/16" & 1/2"	C	41W1000				
1	Wrench, open-end, 15° double-head, 9/16" & 5/8"	C	41W1005				
1	Wrench, open-end, 15° double-head, 5/8" & 3/4"	C	41W1008				
1	Wrench, open-end, 15° double-head, 3/4" & 13/16"	C	41W1012				
1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41W1019				
1	Wrench, open-end, 15° double-head, 1" & 1-1/8"	C	41W1024				
2 sets	Wrenches, socket, medium duty, 1/4" to 1"	B	41W2997				
1	Wrench, pipe, adjustable, 10"	C	41W1652				
2 sets	Wrenches, socket, hollow-shank	B	41W2623-425				
2 sets	Wrenches, setscrew (Allen #604 or equal)	B					
1	Gage, wire, type "A" class 3 Am or B & S Standard, circular 0 to 36		41G520				
1	Plate, surface, cast iron 8" x 12"		41P1564-910				
1 set	Pullers, bearing and gear, USNC		41P2905-3				
1	Set Pliers, electrical, soldering and brazing number 5, complete with power unit		41P1725				
1	Tachometer, portable chronometric 0 to 10,000 RPM general use		18T241				
1 ea.	Conditioning device for commutators and slip rings, complete set of 3 consisting of:						
1 ea.	Type "A" (Hand Resurfacer)						
1 ea.	Type "D" (Slotting files, under-cutting)						
1 ea.	Type "E" (Slot scrapers)						
1	Grinder, bench type, DC1/2 hp 230 VDC						
1	Drill, sensitive, bench type model 2600, helmet drill press high speed, with chuck and table 230 VDC						
1	Torch, alcohol, self-blowing		41T3615				
1	Threading Set, USN Bolt & Screw type L, dies, taps & wrenches number Ø 0.1005 to 0.2185		41T1848				

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SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	43F	III	1 May 1945	1 October 1945

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**MOTOR TORPEDO BOAT TENDERS**

<b>TYPE</b>
<b>AGP</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO CENTRAL</u>				<u>EMERGENCY RADIO STATION</u>			
1	Model TBM Series Transmitting Equipment	B		1	Model TCS Series Transmitting-Receiving Equipment	B	
2	Model TDE Series Transmitting Equipments	B		1	Type 23423 Radiophone Unit	B	
5	Model RAO Series Receiving Equipments	B					
2	Model RBL Series Receiving Equipments	B					
1	Model RBO Series Receiving Equipments	B					
1	Model LM Series Frequency Meter	B					
1	Type 23156 Motor-Generator Transfer Panel	B					
2	Type 23146 Key-Control Panels	B					
1	Type 23436 Receiver Transfer Panel	B					
1	Type 23437 Transmitter Transfer Panel	B		1	Model DAS Series Loran Equipment	B	
1	Type 49063 Jackbox	B	16B10010	1	Type 49029 Jackbox	B	16B10050
4	Type 49029 Jackboxes	B	16B10050				
<u>PILOT HOUSE</u>				<u>CHART HOUSE</u>			
1	Type 23146 Key-Control Panel	B					
2	Type 23423 Radiophone Units	B					
1	Type 49029 Jackbox	B	16B10050				
1	Model RBH Series Receiving Equipment	B					
1	Type 49546 Loudspeaker Unit	B					
1	Model MBF Series Transmitting-Receiving Equipment	B					
<u>ANTENNA SYSTEM</u>				<u>RADAR MATERIAL</u>			
1	Type 24206 Antenna Switches	B	16B10205	1	Medium Air Search Radar	B	
9	Type 28006A Receiver Protective Units	B	16P8800	1	Medium Surface Search Radar	B	
20*	Type 49120 Concentric Jacks	B		1	Model BL or BM Series Interrogator Responzor	B	
9*	Type 49123 Concentric Patchcord Assemblies	B		1	Model BN Series Interrogator Responzor	B	
3*	Type 61493 Suspension Insulators	C	16I12145	2	Model BK Series Transponzors	B	
6*	Type 61481 Suspension Insulators	C	16I12130	+2	Type CTZ 66ACG or CTZ66AFJ Antennas	B	
20*	Type 61479 Suspension Insulators	C	16I12105	1	Type GCL - 211014 Motor Generator	B	
4*	Type 61019C Entrance Insulators	B	16I5951	4	Type 6V-35M-15AH Storage Batteries	B	17B9490
2*	Type 61475 Entrance Insulators	B		1	Fire Control Radar Equipment MK26 (Allowed in AGP 6, 7, 8, 9)	B	
9	Type 63288 Static Leak Resistors (1/2 Megohm)	C	16R18225				
10*	Type 61471 Entrance Insulators	C	16I12145				
<u>ELSEWHERE</u>				<u>SONAR MATERIAL</u>			
2	Type 21806 Motor-Generator Units	B		#1	Model QJA Ranging Equipment	B	
6	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B		1	Model NJ Series Sounding Equipment	B	
				1	Model NK Series (Portable) Sounding Equipment	B	
				#1	Range Recorder	B	
				<u>RCM MATERIAL</u>			
				None			

**QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES**

**SPECIAL EXCEPTIONS AND REMARKS**

# = AGP 6-9 only.  
+ = One additional allowed where Air Search Radar Antenna does not include IFF Array.

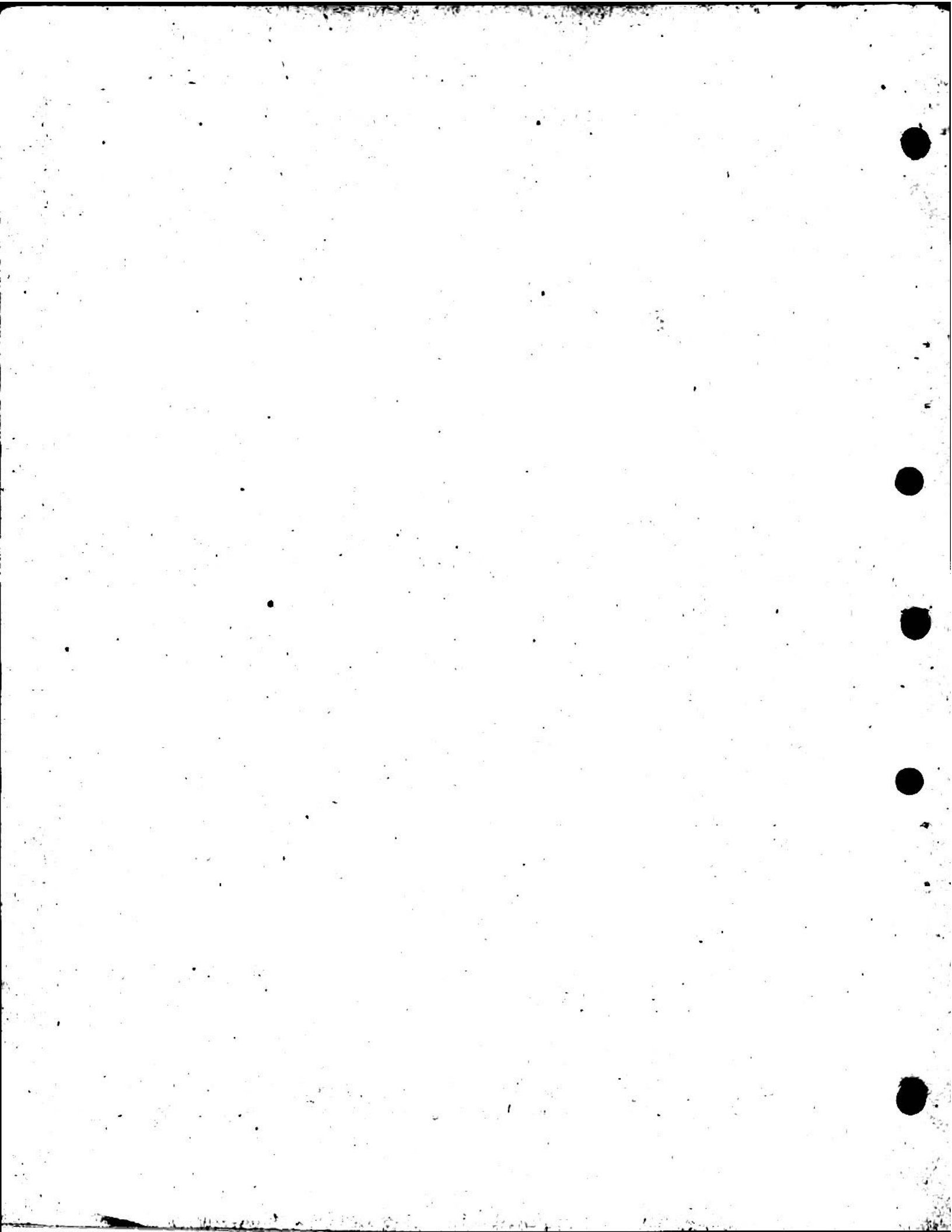
**THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 October 1945	10 July 1945	III	45A	RE IIA 100









INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**SURVEYING SHIPS**

TYPE
AGS

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b><u>RADIO CENTRAL</u></b>							
1	Model TAJ Series Transmitting Equipment	B					
1	Model TBK Series Transmitting Equipment	B					
1	Model TBL Series Transmitting Equipment	B					
1	Model TDZ Series Transmitting Equipment	B					
2	Model RDZ Series Receiving Equipments	B					
2	Model RAK Series Receiving Equipments	B					
2	Model RAL Series Receiving Equipments	B					
2	Model RBO Series Receiving Equipments	B					
1	Model LM Series Frequency Meter	B					
1	Type 50064 Modulator Equipment	B					
1	Type 23189 Receiver Transfer Panel	B					
1	Type 23203 Transmitter Transfer Panel	B					
1	Type 49063 Jackbox	B	16B10010				
1	Type 23146 Key-Control Panel	B					
1	Type 50194 Modulator Equipment	B					
2	Type 28002 Resistor Clips	B					
1	Type 613023 Resistor, 3150 ohms, Style E	C	16R18230				
<b><u>ANTENNA SYSTEM</u></b>							
2*	Type 61493 Suspension Insulators	C	16B12145				
9*	Type 61479 Suspension Insulators	C	16B12105				
4*	Type 610190 Entrance Insulators	B	16I5951				
3*	Type 61475 Entrance Insulators	B	16I5975				
30*	Type 61339 Pedestal Insulators	C	16I9838				
6	Type 61352 Anti-Corona Caps	B	1604000				
4	Type 63288 Static-Leak Resistors, (1/2 megohm)	C	16R18225				
6	Type 28006A Receiver Protective Units	B					
12*	Type 49120 Concentric Jacks	C	16J1200				
6*	Type 49123 Concentric Patchcord Assemblies	B					
6*	Type 61471 Entrance Insulators	B					
<b><u>ELSEWHERE</u></b>							
4	Type 49620 Series Speaker-Amplifier Units, (Broadcast)	B					
<b><u>PILOT HOUSE</u></b>							
1	Model DAS Series Loran Equipment	B					
2	Type 23423 Radiophone Units	B					
1	Type 23146 Key-Control Panel	B					
1	Type 49029 Jackbox	B	16B10050				
1	Type 49620 Series Speaker-Amplifier Unit	B					
2	Type 49546 Loudspeakers	B					
2	Type 50210 Amplifier Units	B					
1	Model MBF Series Transmitting/Receiving Equipment	B					
<b><u>RADAR MATERIAL</u></b>							
<b><u>SEARCH AND IFF RADAR</u></b>							
				1	Medium Air Search Radar (Not allowed in AGS-2)		B
				1	Medium Surface Search Radar		B
				1	Model BL or BM Series Interrogator Resp.		B
				1	Model BN Series Interrogator Responsor		B
				1	Model BK Series Transponder		B
				2*	Type CTZ-66AGG or CTZ-66AFJ Antennas		B
				1	Type GCL-211014 Motor Generator		B
				4	Type 6V-8EM-15AH Storage Batteries		B
							17B9490
<b><u>FIRE CONTROL RADAR EQUIPMENT</u></b>							
				1	Fire Control Radar Equipment MK26 (AGS 4, 5).		B
<b><u>SONAR MATERIAL</u></b>							
				1	Model NM Series Sounding Equipment		B
				3	Model NK Series (Portable) Sounding Equipments		B
				1	Model QCQ-2 Ranging Equipment		B
				1	Bathy-Thermograph		B
				1	Range Recorder		B
<b><u>RCM MATERIAL</u></b>							
None							

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

- Ø = Assignment made by Commander Service Forces and Type Commanders.
- + = One additional on vessels where air search radar antenna does not include IFF Array.
- Δ = Not allowed in AGS 2.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	1 July 1945	III	46A	RE IIA 100





**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**HOSPITAL SHIPS**

TYPE
AH

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO CENTRAL</u>				<u>ANTENNA SYSTEM</u>		
1	Model TAJ Series Transmitting Equipment	B		10*	Type 61493 Suspension Insulators	C	16I12145
1	Model TBK Series Transmitting Equipment	B		18*	Type 61479 Suspension Insulators	C	16I12105
2	Model RAK Series Receiving Equipments	B		5*	Type 610190 Entrance Insulators	B	16I5951
2	Model RAL Series Receiving Equipments	B		3	Type 61475 Entrance Insulators	B	
2	Model RBO Series Receiving Equipments	B		18*	Type 61339 Pedestal Insulators	C	16I9835
1	Model TDZ Series Transmitting Equipment	B		6	Type 61352 Anti-Corona Caps	B	16C4000
2	Model RDZ Series Receiving Equipments	B		5	Type 63288 Static-Leak Resistors (1/2 megohm)	C	16R18225
1	Model LM Series Frequency Meter	B			Type 28006A Receiver Protective Units	C	16P8800
1	Type 23187 Receiver Transfer Panel	B		6	Type 49120 Concentric Jacks	C	16J1200
2	Type 23146 Key-Control Panels	B		26*	Type 49123 Concentric Patchcord Assemblies	B	
1	Type 23199 Transmitter Transfer Panel	B		11*	Type 61471 Entrance Insulators	B	
1	Type 49063 Jackbox	B	16B10010	1	Type 66143 Antenna Assembly	B	
1	Type 50194 Modulator Equipment	B		7*			
	<u>EMERGENCY RADIO STATION</u>				<u>ELSEWHERE</u>		
1	Model TDE Series Transmitting Equipment	B		5	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
1	Model RCH Series Receiving Equipment	B					
1	Type 23190 Receiver Transfer Panel	B					
1	Type 23204 Transmitter Transfer Panel	B					
1	Type 23146 Key-Control Panel	B					
2	Type 49029 Jackbox	B	16B10050				
1	Type 49063 Jackbox	B	16B10010				
	<u>PILOT HOUSE</u>						
1	Model RBS Series Receiving Equipment	B		1	Model SQ Portable Surface Ship Radar	B	
1	Model RBK Series Receiving Equipment	B					
1	Model MBF Series Transmitting-Receiving Equipment	B					
1	Model SCR-608 Transmitting-Receiving Equipment	B					
3	Type 49546 Loudspeaker Units	B					
1	Type 23146 Key-Control Panel	B					
2	Type 50210 Amplifier Units	B					
1	Type 49029 Jackbox	B	16B10050				
1	Type 23423 Radiophone Unit	B					
1	Type 51008 Hand Telephone Assembly	B					
1	Type 23500 Radiophone Unit	B					
1	Type 51081 Hand Telephone Assembly	B					
1	Type 211437 Motor Generator	B					
	<u>CHART HOUSE</u>						
1	Model DAS Series Loran Equipment	B		1	Model NM Series Sounding Equipment	B	
1	Type 49029 Jackbox	B	16B10050				
					<u>RADAR MATERIAL</u>		
					<u>SONAR MATERIAL</u>		
					<u>RCM MATERIAL</u>		
					None		

*QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

SPECIAL EXCEPTIONS AND REMARKS

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 July 1945	III	50A	RE IIA 100



INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**CARGO SHIPS**

TYPE
<b>AK</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO CENTRAL</u>				<u>ANTENNA SYSTEM</u>			
1	Model TAJ Series Transmitting Equipment	B		10*	Type 61493 Suspension Insulators	C	16I12145
1	Model TBK Series Transmitting Equipment	B		18	Type 61479 Suspension Insulators	C	16I12105
2	Model RAK Series Receiving Equipment	B		5*	Type 61019C Entrance Insulators	B	16I5951
2	Model RAL Series Receiving Equipment	B		18*	Type 61339 Pedestal Insulators	C	16I923C
2	Model RBO Series Receiving Equipments	B		5	Type 63288 Static-Leak Resistors (1/2 megohm)	C	16R18225
1	Model LM Series Frequency Meter	B		6	Type 61352 Anti-Corona Caps	B	16C4006
1	Model TDZ Series Transmitting Equipment	B		6	Type 28006A Receiver Protective Units	B	16P8300
2	Model RDZ Series Receiving Equipment	B		26*	Type 49120 Concentric Jacks	C	16J1200
1	Type 23187 Receiver Transfer Panel	B		11*	Type 49123 Concentric Patchcord Assemblies	B	
1	Type 23199 Transmitter Transfer Panel	B		7*	Type 61471 Entrance Insulators	B	
2	Type 23146 Key-Control Panel	B		1	Type 66143 Antenna Assembly	B	
1	Type 49063 Jackbox	B					
1	Type 50194 Modulator Equipment	B					
<u>EMERGENCY RADIO STATION</u>				<u>ELSEWHERE</u>			
1	Model TDE Series Transmitting Equipment	B		5	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
1	Model RCH Series Receiving Equipment	B					
1	Type 23190 Receiver Transfer Panel	B					
1	Type 23204 Transmitter Transfer Panel	B					
1	Type 23146 Key-Control Panel	B					
1	Type 49063 Jackbox	B	16B10010				
2	Type 49029 Jackbox	B	16B10050				
<u>PILOT HOUSE</u>				<u>RADAR MATERIAL</u>			
1	Model RBS Series Receiving Equipment	B		41	Medium Surface Search Radar	B	
1	Model RBK Series Receiving Equipment	B		41	Model BN Series Interrogator Responder	B	
1	Model MBF Series Transmitting-Receiving Equipment	B		2	Model BK Series Transponders	B	
2	Type 50210 Amplifier Units	B		2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B	
1	Type 23146 Key-Control Panel	B		1	Type GCL - 211014 Motor Generator	B	
1	Type 49546 Loudspeaker Unit	B		4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
1	Type 49029 Jackbox	B					
1	Type 23423 Radiophone Unit	B	16B10050				
1	Type 23500 Radiophone Unit	B					
1	Type 51081 Hand Telephone Assembly	B					
<u>CHART HOUSE</u>				<u>FIRE CONTROL RADAR EQUIPMENT</u>			
1	Model DAS Series Loran Equipment	B	16B10050	1	Fire Control Radar Equipment MK26 (AK 13-17, 22, 41-43, 221-224)	B	
1	Type 49029 Jackbox	B					
				<u>SONAR MATERIAL</u>			
				1	Model NM Series Sounding Equipment	B	
				<u>RCM MATERIAL</u>			
				None			

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

- + = One additional on vessels where air search radar antenna does not include IFF Array.
- ∓ = Not allowed in 156-220, 227-236.
- ∅ = One allowed in 156-220, 227-236.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 July 1945	1 May 1945	III	55A	RE IIA 100





INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**CARGO VESSELS-ATTACK**

TYPE  
**AKA**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO CENTRAL</u>				<u>PILOT HOUSE</u>		
1	Model IBK Series Transmitting Equipment	B		1	Model SCR 508 Series Transmitting-Receiving Equipment	B	
1	Model TBS Series Transmitting-Receiving Equipment	B		1	Model SCR 608 Series Transmitting-Receiving Equipment	B	
1	Model TDE Series Transmitting Equipment	B		1	Type 23135 Control Unit	B	
1	Model TCP Series Transmitting-Receiving Equipment	B		1	Type 23146 Key-Control Panel	B	
1	Model RAK Series Receiving Equipment	B		1	Type 49029 Jackbox	B	16B10050
1	Model RAL Series Receiving Equipment	B		1	Type 49546 Loudspeaker Unit	B	
1	Model RAO Series Receiving Equipment	B		1	Type 51019 Hand Telephone Assembly	B	
1	Model RBL Series Receiving Equipment	B		2	Type 211477 Motor Generator	B	
2	Model RBO Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
2	Model TDZ Series Transmitting Equipment	B					
1	Model HDZ Series Receiving Equipment	B					
1	Type 23207 Radiophone Transfer Panel	B			<u>CHART HOUSE</u>		
1	Type 23135 Control Unit	B		1	Type 49029 Jackbox	B	16B10050
2	Type 23146 Key-Control Panels	B		1	Model DAS Series Loran Equipment	B	
1	Type 23199 Transmitter-Transfer Panel	B					
1	Type 23187 Receiver Transfer Panel	B					
2	Type 49029 Jackbox	B	16B10050				
1	Type 49063 Jackbox	B	16E10010				
1	Type 51019 Hand Telephone Assembly	B					
1	Type 50194 Modulator Equipment	B					
	<u>EMERGENCY RADIO STATION</u>				<u>ANTENNA SYSTEM</u>		
1	Model TAJ Series Transmitting Equipment	B		9	Type 2E006A Receiver Protective Units	B	16P6800
1	Model RAK Series Receiving Equipment	B		28*	Type 49120 Concentric Jacks	C	16J1200
1	Model RAL Series Receiving Equipment	B		12*	Type 49123 Concentric Patchcord Assemblies	B	
1	Type 23146 Key-Control Panel	B		8*	Type 61493 Suspension Insulators	C	16I12145
1	Type 23190 Receiver Transfer Panel	B		2*	Type 61461 Suspension Insulators	C	16I12130
1	Type 23204 Transmitter Transfer Panel	B		14*	Type 61479 Suspension Insulators	C	16I12105
1	Type 49063 Jackbox	B	16B10010	7*	Type 61019C Entrance Insulators	B	16I5951
	<u>COMBAT INFORMATION CENTER</u>			3*	Type 61475 Entrance Insulators	B	
1	Model RBS Series Receiving Equipment	B		10*	Type 61175A Pedestal Insulators	C	16I9832
1	Type 23423 Radiophone Unit	B		14*	Type 61339 Pedestal Insulators	C	16I9838
1	Type 23230 Remote Control Unit	B		8	Type 61352 Anti-Corona Caps	B	16C4000
2	Type 24502 Selector Switch	B		8	Type 63288 Static-Leak Resistors (1/2 Megohm)	C	16R18225
1	Type 23135 Control Unit	B		7*	Type 61471 Entrance Insulators	B	
1	Type 23146 Key Control Panel	B					
3	Type 50210 Amplifier Units	B			<u>ELSEWHERE</u>		
1	Type 49029 Jackbox	B	16B10050	5	Type 49620 Series Speaker-Amplifier Units	B	
4	Type 49546 Loudspeaker Unit	B		e2	Type 211007 Motor Generator Sets	B	
1	Type 51019 Hand Telephone Assembly	B	16T700				
2	Type 51007 Hand Telephone Assembly	B					

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

e - For vessels in which 115 v.a.c. power is not available for radio equipment.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 July 1945	III	57A	RE IIA 100



TYPE

AKA

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**CARGO VESSELS - ATTACK**

NAVSHIPS - 981

QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
1	Medium Air Search Radar	B					
1	Large Surface Search Radar	B					
1	Model BN Series Interrogator Responder	B					
1	Model BL or BM Series Interrogator-Responder	B					
2	Model BK Series Transponders	B					
1	Standard Radar Repeater VH (or VD or VO) (Pilot House)	B					
2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B					
+1	Type CCL - 211018 Motor Generator	B					
4	Type 6V-SBM-15AH Storage Batteries	B	17B9490				
<b>SONAR MATERIAL</b>							
1	Model NM Series Sounding Equipment	B					
1	Model NK Series (Portable) Sounding Equipment	B					
<b>RCM MATERIAL</b>							
None							

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

+ = Substitute CCL - 211014 on DC Ships.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	57B	III	1 July 1945	1 December 1945

RADIO DIVISION - BUREAU OF SHIPS

20

**FITTING - OUT**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**CARGO VESSELS-ATTACK**

**TYPE**  
**AKA**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<b>TESTING EQUIPMENT</b>				<b>TOOLS (Continued)</b>			
1	Model OAA-2 Echo Box	B		1	Chisel, machinists', hand, 1/4"	C	41C1052
		B		1	Chisel, machinists', hand, 3/8"	C	41C1062
1	Model OBU-2,3 Echo Box (for each SG)	B		1	Cutter, Circle, 1" to 5-1/2", 1/2" round shank, (Pawood #5 or equal)	C	
1	Model OAP Series Frequency Meter	B		1	Drill, hand, 3/8" capacity	C	41D1828
1	Model TS-182/UR Series Frequency Meter	B		1	Drill, breast, 1/2" capacity	B	41D1663
1	Type 60-ABM Frequency Meter (MK26)	B		1 set	Drills, twist, carbon-steel, type "K"	B	41D1250
1	Model OBL Series Oscilloscope	B		1	File, flat, 6"	C	41F870
1	Model TS-331/UR Signal Generator	B		1	File, flat, 8"	C	41F872
1	Model OZ Series Tube Tester	B		1	File, flat, 10"	C	41F874
1	Model OBQ Series Electronic Voltmeter	B		1	Frame, hacksaw, adjustable	C	41F3390
4	Type 10223 Repair Kits	B		1	Hammer, machinists', 1/2 lb.	C	41H521
1	Type 60007 C & R Bridge	B		1	Iron, soldering, electric, medium duty	B	41I688
1	Type 60089 VT Megohmmeter	B		1	Iron, soldering, electric medium duty	B	41I691
<b>MISCELLANEOUS EQUIPMENT AND MATERIAL</b>				1	Pliers, combination, slip-joint, 6"	C	41P1631
7	Model SCR-610 Portable Transmitting-Receiving Equipments			1	Pliers, combination, slip-joint, 8"	C	41P1633
2	Model TBX Portable Transmitting-Receiving Equipments	B		1	Pliers, diagonal cutting, 4"	C	41P1710
1	Model OAH Series Code Practice Set			1	Pliers, diagonal cutting, 6"	C	41P1714
1	Model SCR-510 Portable Transmitting-Receiving Equipment			1	Pliers, round nose, short, 4"	C	41P1910
7	Type 49016 Head Telephone Assemblies	B	16H3930	1	Pliers, round nose, short, 6"	C	41P1914
1	Type 51018 Chest Microphone Assembly	B		1	Pliers, side cutting, flat nose, 6"	C	41P1974
				1	Pliers, side cutting, flat nose, 8"	C	41P1977
				1	Pliers, long nose, 6"	C	41P1991
				1	Punch, center, 3/8"	C	41P3185
				1	Screwdriver, common, 3" blade	C	41S1101
				1	Screwdriver, common, 4" blade	C	41S1102
				1	Screwdriver, common, 6" blade	C	41S1104
				1	Screwdriver, common, 8" blade	C	41S1106
				1	Screwdriver, common, 12" blade	C	41S1110
				1	Screwdriver, slim-shank, 6" blade	C	41S1156
				1	Screwdriver, Phillips, 3" blade #1 point	C4	41S1645-15
				1	Screwdriver, Phillips, 4" blade #2 point	C4	41S1645-20
				1	Screwdriver, Phillips, 8" blade #4 point	C4	41S1645-30
				1	Torch, gasoline, 1 quart	B	41T3645
				1	Vise, bench Class A, 3" jaws	B	41V242
				1	Wrench, open-end, 15° double-head 7/16" & 1/2"	C	41W1000
				1	Wrench, open-end, 15° double-head 9/16" & 5/8"	C	41W1005
				1	Wrench, open-end, 15° double-head 5/8" & 3/4"	C	41W1008
				1	Wrench, open-end, 15° double-head 3/4" & 13/16"	C	41S1012
				1	Wrench, open-end, 15° double-head 7/8" & 15/16"	C	41S1019
				1	Wrench, open-end, 15° double-head 1" & 1-1/8"	C	41W1024
300ft.	7-#18 Bronze Antenna Wire	C	16W3740	1 set	Wrenches, socket, hollow-shank	B4	41W2623-42
300ft.	5/16" dia. (6x19) Bronze Wire Rope	C	22R200	1 set	Wrenches, setscrew (Allen #604 or equal)	B	
200ft.	7/16" dia. (6x19) Bronze Wire Rope	C	22R210				
4	Type 61471 Entrance Insulators	C					
1	Type 61476 Insulator Bowl	C					
<b>MISCELLANEOUS SPARES</b>							
4	Type 61493 Suspension Insulators	C	16I12145				
1	Type 61481 Suspension Insulator	C	16I12130				
7	Type 61479 Suspension Insulators	C	16I12105				
4	Type 61019C Entrance Insulators	C	16I5951				
1	Type 61475 Entrance Insulator	B					
2	Type 61175A Pedestal Insulators	C	16I9832				
3	Type 61339 Pedestal Insulators	C	16I9838				
4	Type 49016 Head Telephone Assemblies	B	16H3930				
<b>TOOLS</b>							
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	1 May 1945	III	57C	RE IIA 100

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**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**CARGO VESSELS ATTACK**

**TYPE**  
**AKA**  
**21-52**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO CENTRAL</u>				<u>PILOT HOUSE</u>		
1	Model TDZ Series Transmitting Equipment			1	Model SCR 508 Series Transmitting- Receiving Equipment	B	
1	Model TAJ Series Transmitting Equipment	B		1	Model SCR 608 Series Transmitting- Receiving Equipment	B	
1	Model TBK Series Transmitting Equipment	B		1	Type 23135 Control Unit	B	
1	Model TBS Series Transmitting Equipment	B		1	Type 23146 Key-Control Panel	B	
1	Model TCP Series Transmitting-Receiving Equipment	B		1	Type 49029 Jackbox	B	16B10050
2	Model RDZ Series Receiving Equipment			1	Type 49546 Loudspeaker Units	B	
1	Model RAK Series Receiving Equipment	B		1	Type 51019 Hand Telephone Assembly	B	
1	Model RAL Series Receiving Equipment	B		2	Type 211437 Motor Generator	B	
1	Model RAO Series Receiving Equipment	B					
1	Model REL Series Receiving Equipment	B			<u>CHART HOUSE</u>		
1	Model RBL Series Receiving Equipment	B		1	Type 49029 Jackbox	B	16B10050
2	Model RBO Series Receiving Equipments	B		1	Model DAB Series Loran Equipment		
1	Model LM Series Frequency Meter	B					
1	Type 23207 Radiophone Transfer Panel	B			<u>ANTENNA SYSTEM</u>		
1	Type 23135 Control Unit	B		9	Type 28006A Receiver Protective Units	B	16P8800
2	Type 23146 Key-Control Panel	B		26*	Type 49120 Concentric Jacks	C	16J1200
1	Type 23187 Receiver Transfer Panel	B		12*	Type 49123 Concentric Patchcord Assemblies	B	
1	Type 23199 Transmitter Transfer Panel	B		8*	Type 61493 Suspension Insulators	C	16I12145
2	Type 49029 Jackboxes	B	16B10050	2*	Type 61481 Suspension Insulators	C	16I12130
1	Type 49063 Jackbox	B	16B10010	14*	Type 61479 Suspension Insulators	C	16I12055
1	Type 51019 Hand Telephone Assembly	B		7*	Type 61019C Entrance Insulators	C	16I5951
1	Type 50194 Modulator Equipment	B		3*	Type 61475 Entrance Insulators	B	
				10*	Type 61175A Pedestal Insulators	C	16I9832
				14*	Type 61339 Pedestal Insulators	C	16I9838
				8	Type 61352 Anti-Corona Caps	B	16C4000
				8	Type 63288 Static-Leak Resistors (1/2 megohm)	C	16R18225
				7*	Type 61471 Entrance Insulator	B	
	<u>EMERGENCY RADIO STATION</u>				<u>ELSEWHERE</u>		
1	Model TDE Series Transmitting Equipment	B		5	Type 49620 Series Speaker-Amplifier Units	B	
1	Model RAK Series Receiving Equipment	B					
1	Model RAL Series Receiving Equipment	B					
1	Type 23146 Key-Control Panel	B					
1	Type 23190 Receiver Transfer Panel	B					
1	Type 23204 Transmitter Transfer Panel	B					
1	Type 49063 Jackbox	B	16B10010				
	<u>COMBAT INFORMATION CENTER</u>						
1	Model RBS Series Receiving Equipment	B					
1	Type 23423 Radiophone Unit	B					
1	Type 23230 Remote Control Unit	B					
1	Type 23135 Remote Control Unit	B					
1	Type 23146 Key-Control Panel	B					
2	Type 24502 Selector Switch	B					
3	Type 50210 Amplifier Units	B					
4	Type 49546 Loudspeaker Units	B					
1	Type 49029 Jackbox	B	16B10050				
1	Type 51019 Hand Telephone Assembly	B					
2	Type 51007 Hand Telephone Assembly	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECT. ON	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 July 1945	III	58A	RE IIA. 100

TYPE  
**AKA**  
21-52

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
FOR  
**CARGO VESSELS - ATTACK**

NAVSHIPS - 981

QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<b>SEARCH AND IFF RADAR</b>							
1	Medium Air Search Radar	B					
1	Large Surface Search Radar	B					
1	Model BN Series Interrogator Responder	B					
1	Model BL or BN Series Interrogator Responder	B					
2	Model BK Series Transponders	B					
2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B					
1	Type GCL - 21101 <sup>1</sup> Motor Generator	B					
4	Type 6V-SBM-15AH Storage Batteries	B	1799490				
<b>FIRE CONTROL RADAR EQUIPMENT</b>							
1	Fire Control Radar Equipment MK26	B					
<b>RADAR REPEATERS</b>							
*1	Standard Radar Repeater VH(or VD or VC) (Pilot House)	B					
<b>SONAR MATERIAL</b>							
1	Model NM Series Sounding Equipment	B					
1	Model NK Series (Portable) Sounding Equipment	B					
<b>RCM MATERIAL</b>							
None							

RADIO DIVISION - BUREAU OF SHIPS

22

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

\* = Preference of model indicated by order of listing.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	58B	III	1 July 1945	1 December 1945

**FITTING - OUT**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**CARGO VESSELS - ATTACK**

**TYPE**  
**AKA**  
**21-52**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Cont'd.)</u>			
1	Model OAA-2 Echo Box (for each SA & SC)	B		1	Drill, hand, 3/8" capacity	C	41D1828
1	Model OBU-2,3 Echo Box (for each SO)	B		1	Drill, breast, 1/2" capacity	B	41D1663
1	Model OAP Series Frequency Meter	B		1Set	Drills, twist, carbon-steel, type "K"	B	41D1250
1	Model TS-182/UP Series Frequency Meter	B		1	File, flat, 6"	C	41F870
1	Type 60-ABM Frequency Meter (for each MK2)	B		1	File, flat, 8"	C	41F872
1	Model OBL Series Oscilloscope	B		1	File, flat, 10"	C	41F874
1	Model TS-331/UR Series Signal Generator	B		1	Frame, hacksaw, adjustable	C	41F3390
1	Model OZ Series Tube Tester	B		1	Hammer, machinists', 1/2 lb.	C	41H521
1	Model OBQ Series VT Volt-Ohm Milliammeter	B		1	Iron, soldering, electric, medium duty	B	41I688
4	Type 10223 Repair Kits	B		1	Iron, soldering, electric, medium duty	B	41I691
1	Type 60007 G & R Bridge	B		1	Pliers, combination, slip-joint, 6"	C	41P1631
1	Type 60089 VT Megohmmeter	B		1	Pliers, combination, slip-joint, 8"	C	41P1633
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>				1	Pliers, diagonal cutting, 4"	C	41P1710
7	Model SCR-610 Portable Transmitting-Receiving Equipments	B		1	Pliers, diagonal cutting, 6"	C	41P1714
2	Model TBX Portable Transmitting-Receiving Equipments	B		1	Pliers, round nose, short, 4"	C	41P1910
7	Type 49016 Head Telephone Assemblies	B	16H3930	1	Pliers, round nose, short, 6"	C	41P1914
1	Type 51019 Chest Microphone Assembly	B		1	Pliers, side cutting, flat nose, 6"	C	41P1974
1	Model OAH Code Practice Set	B		1	Pliers, side cutting, flat nose, 8"	C	41P1977
<u>MISCELLANEOUS SPARES</u>				1	Pliers, long nose, 6"	C	41P1991
4	Type 61493 Suspension Insulators	C	16I12149	1	Punch, center, 3/8"	C	41T3185
1	Type 61481 Suspension Insulator	C	16I12130	1	Screwdriver, common, 3" blade	C	41S1101
7	Type 61479 Suspension Insulators	C	16I12105	1	Screwdriver, common, 4" blade	C	41S1102
4	Type 61019C Entrance Insulators	C	16I5951	1	Screwdriver, common, 6" blade	C	41S1104
1	Type 61475 Entrance Insulator	B		1	Screwdriver, common, 8" blade	C	41S1106
2	Type 61175A Pedestal Insulators	C	16I9832	1	Screwdriver, common, 12" blade	C	41S1110
3	Type 61339 Pedestal Insulators	C	16I9838	1	Screwdriver, slim-shank, 6" blade	C	41S1156
4	Type 49016 Head Telephone Assemblies	B	16H3930	1	Screwdriver, Phillips, 3" blade #1 Point	C	
4	Type 61471 Entrance Insulators	B		1	Screwdriver, Phillips, 4" blade #2 Point	C	
1	Type 61476 Insulator Bowl	B		1	Screwdriver, Phillips, 8" blade #4 Point	C	
300Ft.	5/16" dia. (6x19) Bronze Wire Rope	C	22R200	1	Torch, gasoline, 1 quart	B	41T3645
300Ft.	7-#18 Bronze Antenna Wire	C	16W3740	1	Vise, bench Class A, 3" jaws	B	41V242
200Ft.	7/16" dia. (6x19) Bronze Wire Rope	C	22R210	1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000
<u>TOOLS</u>				1	Wrench, open-end, 15" double-head, 9/16" & 5/8"	C	41W1005
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163	1	Wrench, open-end, 15" double-head, 5/8" & 3/4"	C	41W1008
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164	1	Wrench, open-end, 15" double-head, 3/4" & 13/16"	C	41S1012
1	Chisel, machinists', hand, 1/4"	C	41C1052	1	Wrench, open-end, 15" double-head, 7/8" & 15/16"	C	41S1019
1	Chisel, machinists', hand, 3/8"	C	41C1062	1	Wrench, open-end, 15" double-head, 1" & 1-1/16"	C	41W1024
1	Cutter, circle, 1" to 5-1/2", 1/2" round shank, (Pawood #5 or equal)	C		1 Set	Wrenches, socket, hollow-shank	B	
				1 Set	Wrenches, setscrew (Allen #604 or equal)	B	

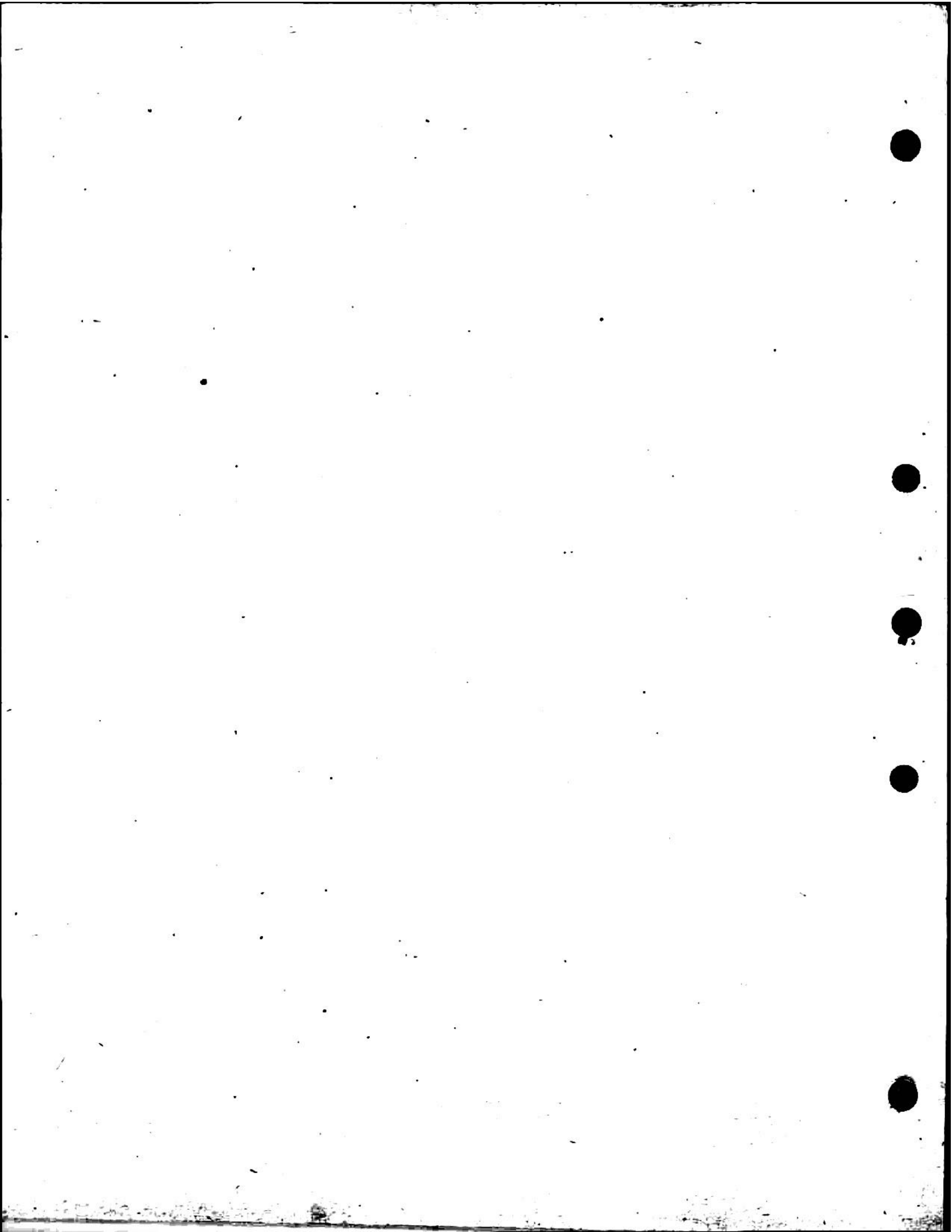
QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	1 May 1945	III	52C	RE IIA 100





INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**NET CARGO SHIPS**

TYPE  
**AKN**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b><u>RADIO CENTRAL</u></b>				<b><u>ANTENNA SYSTEM</u></b>			
1	Model TAJ Series Transmitting Equipment	B		10*	Type 61493 Suspension Insulators	C	16I12145
1	Model TBK Series Transmitting Equipment	B		15*	Type 61479 Suspension Insulators	C	16I12105
2	Model RAK Series Receiving Equipments	B		5*	Type 61019C Entrance Insulators	B	16I5951
2	Model RAL Series Receiving Equipments	B		3*	Type 61475 Entrance Insulators	B	
2	Model RBO Series Receiving Equipments	B		18*	Type 61339 Pedestal Insulators	C	16I9838
1	Model LM Series Frequency Meter	B		5	Type 63288 Static-Leak Resistors, (1/2 meg.)	C	16R18225
1	Type 23187 Receiver Transfer Panel	B			Type 61352 Anti-Corona Caps	B	16C4000
1	Type 23199 Transmitter Transfer Panel	B		6	Type 28006A Receiver Protective Units	B	16P8800
2	Type 23146 Key-Control Panel	B		6	Type 49120 Concentric Jacks	C	16J1200
1	Type 49063 Jackbox	B	16B10010	26*	Type 49123 Concentric Patchcord Assemblies	B	
1	Type 50194 Modulator Equipment	B		11*	Type 61471 Entrance Insulators	B	
				7*	Type 66143 Antenna Assembly		
				1			
<b><u>EMERGENCY RADIO STATION</u></b>				<b><u>ELSEWHERE</u></b>			
1	Model TDE Series Transmitting Equipment	B		5	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
1	Model RCH Series Receiving Equipment	B					
1	Type 23190 Receiver Transfer Panel	B					
1	Type 23204 Transmitter Transfer Panel	B					
1	Type 23146 Key-Control Panel	B					
2	Type 49029 Jackbox	B	16B10050				
1	Type 49063 Jackbox	B	16B10010				
<b><u>PILOT HOUSE</u></b>				<b><u>RADAR MATERIAL</u></b>			
1	Model RBS Series Receiving Equipment	B		<b><u>SEARCH AND IFF RADAR</u></b>			
1	Model RBK Series Receiving Equipment	B		1	Medium Air Search Radar	B	
1	Model MBF Series Transmitting-Receiving Equipment	B		1	Medium Surface Search Radar	B	
1	Model SCR-608 Series Transmitting- Receiving Equipment	B		1	Model BN Series Interrogator Responzor	B	
1	Type 23500 Radiophone Unit	B		2	Model BK Series Transponzors	B	
1	Type 23146 Key-Control Panel	B		1	Model BL or BM Series Interrogator Responzor	B	
1	Type 49546 Loudspeaker Unit	B		2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B	
1	Type 49029 Jackbox	B	16B10050	1	Type CCL - 211014 Motor Generator	B	
1	Type 51081 Hand Telephone Assembly	B		4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
1	Type 211437 Motor Generator	B		1	<b><u>FIRE CONTROL RADAR EQUIPMENT</u></b> Fire Control Radar Equipment MK26(AKN4)	B	
<b><u>CHART HOUSE</u></b>				<b><u>SONAR MATERIAL</u></b>			
1	Model DAS Series Loran Equipment	B	16B10050	1	Model NM Series Sounding Equipment	B	
1	Type 49029 Jackbox	B					
				<b><u>RCM MATERIAL</u></b>			
				None			

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 October 1945	III	60A	RE IIA 100

**TYPE**  
**AKN**

**FITTING - OUT**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**NET CARGO SHIPS**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Continued)</u>			
1	Model OAA-2 Echo Box (for each SA & SC)	B		1	Pliers, round nose, short, 4"	C	41P1910
1	Model OZ Series Vacuum Tube Analyzer	B		1	Pliers, round nose, short, 6"	C	41P1914
1	Model OBL Series Oscilloscope	B		1	Pliers, side cutting, flat nose, 6"	C	41P1974
2	Type 10223 Repair Kits	B		1	Pliers, side cutting, flat nose, 8"	C	41P1977
1	Model OBU-2, 3 Echo Box (for each SL)	B		1	Pliers, long nose, 6"	C	41P1991
1	Type 60-ABM Frequency Meter (for each SL)	B		1	Punch, center, 3/8"	C	41T3185
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>				<u>MISCELLANEOUS SPARES</u>			
1	Model OAH Series Gods Practice Set	B		1	Screwdriver, common, 3" blade	C	41S1101
5	Type 49016 Head Telephone Assemblies	#	16H3930	1	Screwdriver, common, 4" blade	C	41S1102
#2	Model SCR-610 Portable Transmitting-Receiving Equipments	B		1	Screwdriver, common, 6" blade	C	41S1104
1	Type 49016 Head Telephone Assembly	B	16H3930	1	Screwdriver, common, 8" blade	C	41S1106
5	Type 61493 Suspension Insulators	C	16I12145	1	Screwdriver, common, 12" blade	C	41S1110
7	Type 61475 Suspension Insulators	C	16I12105	1	Screwdriver, slim-shank, 6" blade	C	41S1156
2	Type 61019C Entrance Insulators	B	16I5951	1	Screwdriver, Phillips 3" blade #1 point	C	41S1645-15
1	Type 61234A Insulator Bowl	C	16I14025	1	Screwdriver, Phillips 4" blade #2 point	C	41S1645-20
4	Type 61339 Pedestal Insulators	C	16I9838	1	Screwdriver, Phillips 5" blade #4 point	C	41S1645-30
1	Type 61470 Insulator Bowl	E		1	Torch, gasoline, 1 quart	B	41T3645
2	Type 61471 Entrance Insulators	B		1	Vise, bench, Class A, 3" jaws	B	41V242
1	Type 61475 Entrance Insulator	B		1	Wrench, open-end, 15" double-head 7/16" & 1/2"	C	41W1000
300 ft.	7-#18 Bronze Antenna Wire	C	16W3740	1	Wrench, open-end, 15" double-head 9/16" & 5/8"	C	41W1005
300 ft.	5/16" dia. (6x19) Bronze Wire Rope	C	22R200	1	Wrench, open-end, 15" double-head 5/8" & 3/4"	C	41W1008
200 ft.	7/16" dia. (6x19) Bronze Wire Rope	C	22R210	1	Wrench, open-end, 15" double-head 3/4" & 13/16"	C	41W1012
<u>TOOLS</u>				1 set	Wrenches, socket, hollow-shank	C	41W1019
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163	1 set	Wrenches, setscrew, (Allen #604)	B	41W1024
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				41W2623-425
1	Chisel, machinists', 1/4"	C	41C1052				
1	Chisel, machinists', hand, 3/8"	C	41C1052				
1	Cutter, circle, 1" to 5-1/2", 1/2" round shank, (Pawood #5 or equal)	C					
1	Drill, hand, 3/8" capacity	C	41D1828				
1	Drill, breast, 1/2" capacity	B	41D1663				
1 set	Drills, twist, carbon-steel, type "K"	B	41D1250				
1	File, flat, 6"	C	41F870				
1	File, flat, 8"	C	41F872				
1	File, flat, 10"	C	41F874				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists', 1/2 lb.	C	41H521				
1	Iron, soldering, electric, light duty	B	41I688				
1	Iron, soldering, electric, medium duty	B	41I691				
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, combination, slip-joint, 8"	C	41P1633				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

# = For use aboard YTL Tugs carried on AKN Type vessels.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	00B	III	1 October 1945	1 December 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**GENERAL STORES SHIPS**

TYPE
<b>AKS</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO CENTRAL</u>				<u>ANTENNA SYSTEM</u>		
	Model TAJ Series Transmitting Equipment	B		10*	Type 61493 Suspension Insulators	C	16I12145
	Model TBK Series Transmitting Equipment	B		18*	Type 61479 Suspension Insulators	C	16I12105
2	Model RAK Series Receiving Equipments	B		5*	Type 610190 Entrance Insulators	C	16I5951
2	Model RAL Series Receiving Equipments	B		3	Type 61475 Entrance Insulators	C	
1	Model RBO Series Receiving Equipments	B		18*	Type 61339 Pedestal Insulators	C	16I9838
2	Model TDZ Series Transmitting Equipment	B		5	Type 63288 Static-Leak Resistors (1/2 megohm)	C	16R18225
1	Model LM Series Frequency Meter	B		6	Type 61352 Anti-Corona Caps	B	16C4000
1	Type 23187 Receiver Transfer Panel	B		6	Type 28006A Receiver Protective Units	B	16P8800
1	Type 23199 Transmitter Transfer Panel	B		26*	Type 49120 Concentric Jacks	C	16J1200
1	Type 49063 Jackbox	B	16B10010	11*	Type 49123 Concentric Patchcords	B	
2	Type 23146 Key-Control Panel	B		7*	Type 61471 Entrance Insulators	B	
1	Type 50194 Modulator Equipment	B		1	Type 66143 Antenna Assembly	B	
	<u>EMERGENCY RADIO STATION</u>				<u>ELSEWHERE</u>		
1	Model RGH Series Receiving Equipment	B		5	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
1	Model TDE Series Transmitting Equipment	B		e2	Type 211007 Motor Generator Sets	B	
1	Type 23204 Transmitter Transfer Panel	B					
1	Type 23146 Key-Control Panel	B					
1	Type 49063 Jackbox	B	16B10010				
2	Type 49029 Jackbox	B	16B10050				
1	Type 23190 Receiving Transfer Panel	B					
	<u>PILOT HOUSE</u>				<u>RADAR MATERIAL</u>		
1	Model RBK Series Receiving Equipment	B			<u>SEARCH AND IFF RADAR</u>		
1	Model RBS Series Receiving Equipment	B		1	Medium Air Search Radar Model SR/SR-5	B	
1	Model MBF Series Transmitting-Receiving Equipment	B		1	Medium Surface Search Radar	B	
1	Type 23146 Key-Control Panel	B		1	Model BM Series Interrogator Responder	B	
1	Type 23423 Radiophone Unit	B		1	Model BL or BM Series Interrogator Responder	B	
1	Type 49546 Loudspeaker Units	B		2	Model BK Series Transponders	B	
4	Type 49029 Jackbox	B	16B10050	2	Type CTZ-66AGG or CTZ-66AFJ Antennas	B	
1	Type 23500 Radiophone Unit	B		1	Type CCL - 211014 Motor Generator	B	
1	Type 51081 Hand Telephone Assembly	B		4	Type 6V-SBM-15AH Storage Batteries	B	
2	Type 50210 Amplifier Units	B			<u>FIRE CONTROL RADAR EQUIPMENT</u>		
	<u>CHART HOUSE</u>			1	Fire Control Radar Equipment MK26 (AKS 1-6)	B	
1	Model DAS Series Loran Equipment	B			<u>RADAR REPEATERS</u>		
1	Type 49029 Jackbox	B	16B10050	1	Model VH (or VD or VG) (Pilot House)	B	
					<u>SONAR MATERIAL</u>		
				1	Model NM Series Sounding Equipment	B	
					<u>RCM MATERIAL</u>		
					None		

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

e - For vessels in which 115 v.a.c. power is not available for radio equipment.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	10 July 1945	III	61A	RE IIA 100

TYPE  
**AKS**

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
GENERAL STORES SHIPS**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Continued)</u>			
1	Model OZ Series Vacuum Tube Analyzer	B		1	Iron, soldering, electric, light duty	B	411688
1	Model OBL Series Oscilloscope	B		1	Iron, soldering, electric, medium duty	B	411691
1	Type 10223 Repair Kits	B		1	Pliers, combination, slip-joint, 6"	C	41F1631
1	Model OBU-2,3 Echo Box(for each SL)	B		1	Pliers, combination, slip-joint, 8"	C	41F1633
1	Type 60-ABM Frequency Meter(for each SL)	B		1	Pliers, diagonal cutting, 4"	C	41F1710
				1	Pliers, diagonal cutting, 6"	C	41F1714
				1	Pliers, round nose, short, 4"	C	41F1910
				1	Pliers, round nose, short, 6"	C	41F1914
				1	Pliers, side cutting, flat nose, 6"	C	41F1974
				1	Pliers, side cutting, flat nose, 8"	C	41F1977
				1	Pliers, long nose, 6"	C	41F1991
<u>MISCELLANEOUS EQUIPMENTS AND MATERIALS</u>				<u>MISCELLANEOUS SPARES</u>			
1	Model OAH Series Code Practice Set	B		1	Punch, center, 3/8"	C	41T3185
5	Type 49016 Head Telephone Assemblies	B	16H3930	1	Screwdriver, common, 3" blade	C	41S1101
				1	Screwdriver, common, 4" blade	C	41S1102
				1	Screwdriver, common, 6" blade	C	41S1104
				1	Screwdriver, common, 8" blade	C	41S1106
				1	Screwdriver, common, 12" blade	C	41S1110
				1	Screwdriver, slim-shank, 6" blade	C	41S1156
				1	Screwdriver, Phillips 3 1/4" blade #1 point	C	41S1645-15
				1	Screwdriver, Phillips 4" blade #2 point	C	41S1645-20
				1	Screwdriver, Phillips 5" blade #4 point	C	41S1645-30
3	Type 49016 Head Telephone Assemblies	B	16H3930	1	Torch, gasoline, 1 quart	B	41T3645
5	Type 61493 Suspension Insulators	C	16I12145	1	Vise, bench Class A, 3" jaws	B	41V242
3	Type 61479 Suspension Insulators	C	16I12105	1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000
2	Type 61019C Entrance Insulators	B	16I15951	1	Wrench, open-end, 15" double-head, 9/16" & 5/8"	C	41W1005
1	Type 61234A Insulator Bowl	C	16I14025	1	Wrench, open-end 15" double-head, 5/8" & 3/4"	C	41W1008
4	Type 61339 Pedestal Insulators	C	16I9838	1	Wrench, open-end 15" double-head, 3/4" & 13/16"	C	41W1012
1	Type 61234A Insulator Bowl	C	16I14025	1	Wrench, open-end 15" double-head, 7/8" & 15/16"	C	41W1019
4	Type 61339 Pedestal Insulators	C	16I9838	1 set	Wrenches, open-end 15" double-head, 1" & 1-1/8"	C	41W1024
7	Type 61470 Insulator Bowls	C		1 set	Wrenches, socket, hollow-shank	B	41W2623-425
1	Type 61471 Entrance Insulator	B			Wrenches, setscrew, (Allen #604 or eqm)	B	
1	Type 61475 Entrance Insulator	B					
300 ft.	7-#18 Bronze Antenna Wire	C	16W3740				
300 ft.	5/16" dia. (6x19) Bronze Wire Rope	C	22R200				
200 ft.	7/16" dia. (6x19) Bronze Wire Rope	C	22R210				
<u>TOOLS</u>							
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Chisel, machinists, hand, 1/4"	C	41C1052				
1	Chisel, machinists, hand, 3/8"	C	41C1062				
1	Cutter, circle, 1" to 5-1/2", 1/2" round shank (Pawood #5 or equal)	C	41D1828				
1	Drill, breast, 1/2" capacity	B	41D1663				
1 set	Drills, twist, carbon-steel, type "K"	B	41D1250				
1	File, flat, 6"	C	41F870				
1	File, flat, 8"	C	41F872				
1	File, flat, 10"	C	41F874				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists, 1/2 lb.	C	41H521				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	61B	III	10 July 1945	1 August 1945



**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**CARGO SHIP AND AIRCRAFT FERRY**

TYPE  
**AKV**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO CENTRAL</u>				<u>ANTENNA SYSTEM</u>		
1	Model TAJ Series Transmitting Equipment	B		10*	Type 61493 Suspension Insulators	C	16112145
1	Model TBK Series Transmitting Equipment	B		18*	Type 61479 Suspension Insulators	C	16112105
2	Model RAK Series Receiving Equipments	B		5*	Type 61019C Entrance Insulators	B	1615951
2	Model RAL Series Receiving Equipments	B		3*	Type 61475 Entrance Insulators	B	
2	Model RBO Series Receiving Equipments	B		18*	Type 61339 Pedestal Insulators	B	1619838
1	Model LM Series Frequency Meter	B		5*	Type 63288 Static-Leak Resistors (1/2 megohms)	C	16118225
1	Model TDZ Series transmitting Equipment			5	Type 61352 Anti-Corona Caps	B	16C4000
2	Model RDZ Series Receiving Equipments			6	Type 28006A Receiver Protective Units	B	16P8800
1	Type 23187 Receiver Transfer Panel	B		6	Type 49120 Concentric Jacks	C	16J1200
1	Type 23199 Transmitter Transfer Panel	B		26*	Type 49123 Concentric Patchcord Assemblies	B	
1	Type 23146 Key-Control Panel	B		11*	Type 61471 Entrance Insulators	B	
1	Type 49063 Jackbox	B	16B10010	7*	Type 66143 Antenna Assembly		
1	Type 56194 Modulator Equipment			1			
	<u>EMERGENCY RADIO STATION</u>				<u>ELSEWHERE</u>		
1	Model RCH Series Receiving Equipment	B		5	Type 49620 Series Speaker-Amplifier Units	B	
1	Model TDE Series Transmitting Equipment	B					
1	Type 23190 Receiver Transfer Panel	B					
1	Type 23204 Transmitter Transfer Panel	B					
1	Type 23146 Key-Control Panel	B					
1	Type 49063 Jackbox	B	16B10010				
2	Type 49029 Jackbox	B	16B10050				
	<u>PILOT HOUSE</u>				<u>RADAR MATERIAL</u>		
1	Model RPS Series Receiving Equipment	B		1	Medium Air Search Radar	B	
1	Model RPK Series Receiving Equipment	B		1	Medium Surface Search Radar	B	
1	Model MBF Series Transmitting-Receiving Equipment			1	Model BL or BM Series Interrogator Responder	B	
1	Type 23146 Key-Control Panel	B		1	Model BM Series Interrogator Responder	B	
3	Type 49546 Loudspeaker Unit	B		2	Model BK Series Transponders	B	
1	Type 49029 Jackbox	B	16B10050	2	Type CT2-66ACG or CT2-66AFJ antennas	B	
1	Type 23500 Radiophone Unit	B		1	Type CCL - 211018 Motor Generator	B	
1	Type 51081 Hand telephone Assembly	B		4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
1	Type 23423 Radiophone Unit	B			<u>FIRE CONTROL RADAR EQUIPMENT</u>		
2	Type 50210 Amplifier Units	B		1	Fire Control Radar Equipment MK26	B	
	<u>CHART HOUSE</u>				<u>SONAR MATERIAL</u>		
1	Model DAS Series Loran Equipment	B	16B10050	1	Model NM Series Sounding Equipment	B	
1	Type 49029 Jackbox			1	Model MK Series (Portable) Sounding Equipment	B	
					<u>RCM MATERIAL</u>		
					None		

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 July 1945	1 May 1945	III	70A	RE IIA 100





INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**MINESWEEPERS**

TYPE  
**AM**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO CENTRAL</u>				<u>ANTENNA SYSTEM</u>		
1	Model RBH Series Receiving Equipment	B		5	Type 28006A Receiver Protective Units	B	16P8800
1	Model TBL Series Transmitting Equipment	B		16*	Type 49120 Concentric Jacks	C	
1	Model TBS Series Transmitting-Receiving Equipment	B		4*	Type 49123 Concentric Patchcord Assemblies	B	
1	Model RAK Series Receiving Equipment	B		5*	Type 61493 Suspension Insulators	C	16I12145
1	Model RAL Series Receiving Equipment	B		11*	Type 61479 Suspension Insulators	C	16I12105
1	Model RAO Series Receiving Equipment	B		7*	Type 610190 Entrance Insulators	B	16I5951
1	Model RBO Series Receiving Equipment	B		1	Type 61475 Entrance Insulators	B	
1	Model TDZ Series Transmitting Equipment	B		6*	Type 61339 Pedestal Insulators	C	16I9838
2	Model RDZ Series Receiving Equipment	B		2	Type 61352 Anti-Corona Caps	B	16Q4000
1	Model LM Series Frequency Meter	B		2	Type 63288 Static-Leak Resistors (1/2 megohm)	C	16R18225
1	Model MN Series Transmitting-Receiving Equipment	B		7*	Type 61471 Entrance Insulators	B	
1	Type 23135 Control Unit	B		1	Type 66143 Antenna Assembly	B	
2	Type 23146 Key-Control Panels	B					
1	Type 23189 Receiver Transfer Panel	B			<u>ELSEWHERE</u>		
1	Type 23437 Transmitter Transfer Panel	B					
2	Type 28002 Resistor Clips	C					
1	Type 49063 Jackbox	B	16B10010				
1	Type 50064 Modulator Equipment	B					
1	Type 51019 Hand Telephone Assembly	B					
1	Type 613023 Resistor, 3150 ohms, Style B	C	16R18230	3	Type 49620 Series Speaker-Amplifier Units, (Broadcast)	B	
2	Type 49029 Jackboxes	B	16B10050				
1	Type 49546 Loudspeaker Unit	B					
	<u>CHART HOUSE</u>				<u>OPEN BRIDGE</u>		
1	Model RBS Series Receiving Equipment	B		3	Type 49546 Loudspeaker Units	B	
1	Model DAS Series Loran Equipment	B		3	Type 49618 Telephone Receptacles	B	
1	Type 23135 Control Unit	B					
1	Type 23423 Radiophone Unit	B					
1	Type 23285 Control Unit	B					
1	Type 49029 Jackbox	B	16B10050				
5	Type 49546 Loudspeaker Units	B					
1	Type 49175 Loudspeaker Unit	B					
1	Type 51019 Hand Telephone Assembly	B					
1	Type 51008 Hand Telephone Assembly	B					
1	Type 51032 Hand Telephone Assembly	B					
3	Type 50210 Amplifier Units	B					
1	Type 23146 Key-Control Panel	B					
	<u>PILOT HOUSE</u>						
1	Model MBF Series Transmitting-Receiving Equipment	B					
61	Model SCR-608 Series Transmitting-Receiving Equipment	B					
1	Type 23146 Key-Control Panel	B					
1	Type 23423 Radiophone Unit	B					
1	Type 49029 Jackbox	B	16B10050				
1	Type 49546 Series Speaker-Amplifier Unit	B					
1	Type 50210 Amplifier Unit	B					
3	Type 211437 Motor Generator	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

♠ - For Squadron Commander only.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 October 1945	III	75A	RE IIA 100

TYPE  
**AM**

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
MINE SWEEPERS**

NAVSHIPS - 981

QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
1	Small Surface Search Radar	B					
1	Model BN Series Interrogator Responder	B					
2	Model BK Series Transponders	B					
1	Medium Air Search Radar	B					
1	Model BL or BM Series Interrogator Responder	B					
*2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B					
1	Type CCL-211018 Motor Generator	B					
4	Type 6V-8BM-15AH Storage Batteries	B	1789490				
SONAR MATERIAL							
*1	Model QGB Ranging Equipment	B					
*1	Model NM Series Sounding Equipment	B					
*1	Model NJ Series Sounding Equipment	B					
1	Range Recorder	B					
*1	Model QCU/QCQ-q/QCS/QCT Ranging Equipment	B					
*1	Bathythermograph	B					
RCM MATERIAL							
None							

RADIO DIVISION - BUREAU OF SHIPS

26

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

\* = Install on 180' AM's only, equipment listed in order of preference.  
 \*\* = Install on 220' AM's only.  
 † = Assigned by Commander Service Forces and Type Commanders.  
 ‡ = One additional if air search radar antenna does not include IFF Array.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET CATED	SHEET ISSUED
RE IIA 100	75B	III	1 October 1945	1 December 1945

**FITTING - OUT**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**MINESWEEPERS**

<b>TYPE</b>
<b>A M</b>

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Continued)</u>			
1	Model OAA-2 Echo Box (for each SA & SG)	B		1	Pliers, long nose	C	41P1991
1	Model OZ Series Vacuum Tube Analyzer	B		1	Punch, center, 3/8"	C	41T3185
1	Model OBL Series Oscilloscope	B		1	Screwdriver, common, 3" blade	C	41S1101
2	Type 10223 Repair Kits	B		1	Screwdriver, common, 4" blade	C	41S1102
1	Model OBU-2,3 Echo Box (for each SL)	B		1	Screwdriver, common, 6" blade	C	41S1104
1	Model OAX Series Sonar Monitor	B		1	Screwdriver, common, 8" blade	C	41S1106
				1	Screwdriver, common, 12" blade	C	41S1110
				1	Screwdriver, slim-shank, 6" blade	C	41S1156
				1	Screwdriver, Phillips 3 1/4" blade #1 point	C	41S1645-15
				1	Screwdriver, Phillips 4" blade #2 point	C	41S1645-20
				1	Screwdriver, Phillips 8" blade #4 point	C	41S1645-30
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>				1	Torch, gasoline, 1 quart	B	41T3645
4	Type 49016 Head Telephone Assemblies	B	16H3930	1	Vise, bench, Class A, 3" jaws	B	41V242
1	Model OAH Series Code Practice Set	B		1	Wrench open-end, 15" double-head 7/16"	C	41W1000
3	Type 49619 Hand Telephone Plugs	B		1	Wrench open-end, 15" double-head 9/16"	C	41W1005
3	Type 51082 Hand Telephone Assemblies	B		1	Wrench open-end, 15" double-head 5/8"	C	41W1008
Ø	Model SCR-610 Portable Trans.-Rec'g. Eqp	B		1	Wrench open-end, 15" double-head 3/4"	C	41W1012
				1	Wrench open-end, 15" double-head 7/8"	C	41W1019
				1	Wrench open-end, 15" double-head 1"	C	41W1024
				1 set	Wrenches, socket, hollow-shank	B	41W2623-425
				1 set	Wrenches, setscrew, (Allen #04 or equal)		
<u>MISCELLANEOUS SPARES</u>							
1	Type 49016 Head Telephone Assemblies	B	16H3930				
2	Type 61493 Suspension Insulators	C	16I12145				
6	Type 61479 Suspension Insulators	C	16I12105				
2	Type 61019C Entrance Insulators	B	16I5951				
2	Type 61339 Pedestal Insulators	C	16I9838				
2	Type 61471 Entrance Insulators	B					
1	Type 61475 Entrance Insulator	B					
1	Type 631023 Resistor, 3150 ohms, Style E	C	16R18230				
300 ft.	7-#18 Bronze Antenna Wire	C	16W3740				
300 ft.	5/16" dia (6x19) Bronze Wire Rope	C	22R200				
<u>TOOLS</u>							
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Chisel, machinists', hand, 1/4"	C	41C1052				
1	Chisel, machinists', hand, 3/8"	C	41C1062				
1	Cutter, circle, 1" to 5-1/2", 1/2" round shank (Pawood #5 or equal)	C					
1	Drill, hand, 3/8" capacity	C	41D1828				
1	Drill, breast, 1/2" capacity	B	41D1663				
1 set	Drills, twist, carbon-steel, type "K"	B	41D1250				
1	File, flat, 6"	C	41F870				
1	File, flat, 8"	C	41F872				
1	File, flat, 10"	C	41F874				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists', 1/2 lb.	C	41H521				
1	Iron, soldering, electric, light duty	B	41I588				
1	Iron, soldering, electric medium duty	B	41I691				
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, combination, slip-joint, 8"	C	41P1633				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, round nose, short, 4"	C	41P1910				
1	Pliers, round nose, short, 6"	C	41P1914				
1	Pliers, side cutting, flat nose 6"	C	41P1974				
1	Pliers, side cutting, flat nose, 8"	C	41P1977				

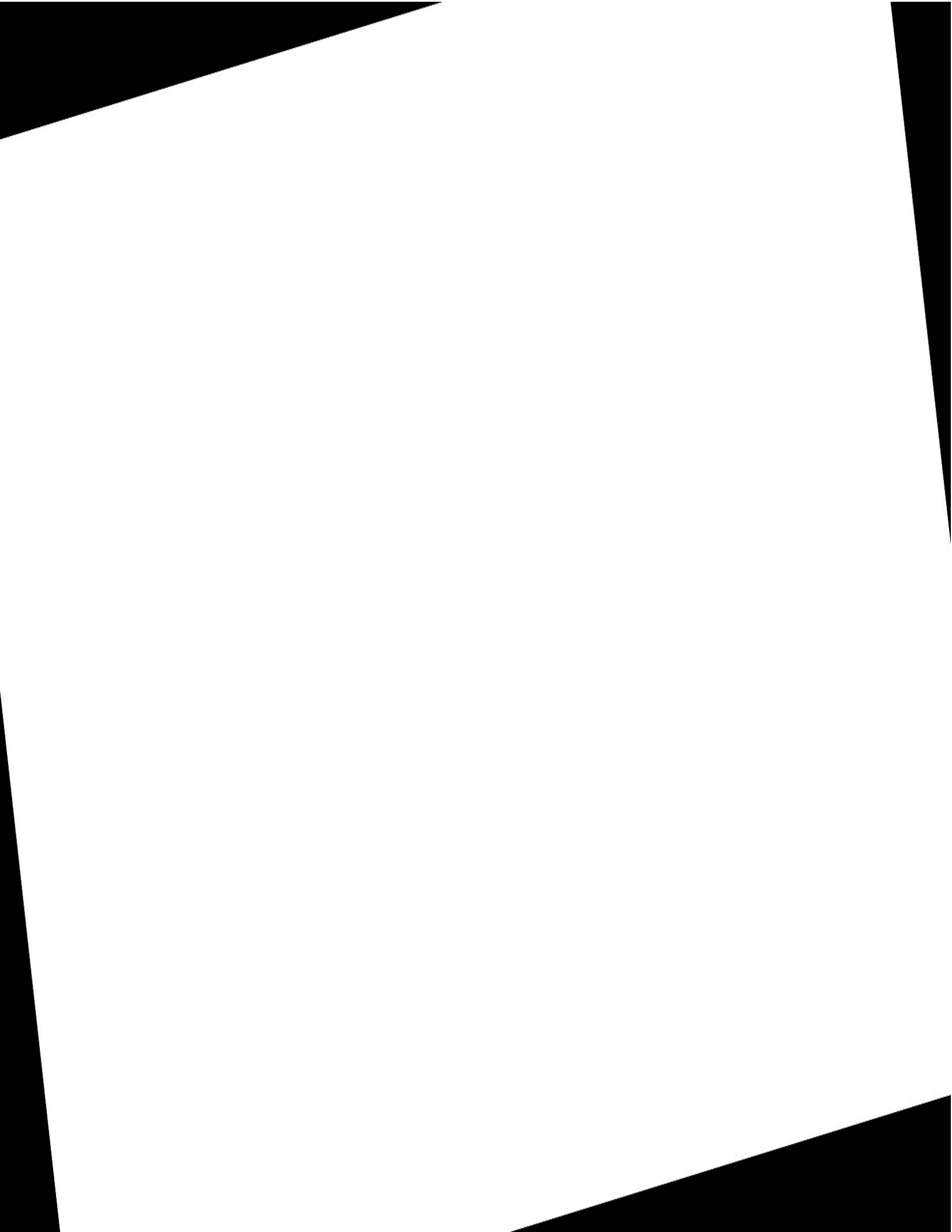
QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

Ø = Squadron Commanders to receive 1-Model SCR-608 in "Pilot House" in lieu of 1-Model SCR-610 under "Miscellaneous Equipment & Material."

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	1 May 1945	III	75C	RE IIA 100



INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**MINESWEEPERS - COASTAL**

TYPE
<b>AMc</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	/ RADIO MATERIAL	TITLE	STOCK NUMBER
<b>RADIO ROOM</b>							
1	Model MN Series Transmitting-Receiving Equipment	B					
1	Model TGP Series Transmitting-Receiving Equipment	B					
<b>PILOT HOUSE</b>							
1	Model RBH Series Receiving Equipment	B					
1	Type 21800 Motor-Generator Unit	B					
1	Type 49546 Loudspeaker Unit	B					
1	Model MBF Series Transmitting-Receiving Equipment	B					
<b>ANTENNA SYSTEM</b>							
1	Type 24206 Antenna Switch	B	16810205				
3*	Type 61481 Suspension Insulators	C	16112130				
3*	Type 61479 Suspension Insulators	C	16112105				
3*	Type 610190 Entrance Insulators	B	1615951				
3*	Type 61175A Pedestal Insulators	C	1615932				
3*	Type 61471 Entrance Insulators	B					
<b>RADAR MATERIAL</b>							
				1	Model BK Series Transponders	B	
				1	Type CTZ 66ACG or CTZ 66AFJ Antenna	B	
				1	Type GCL - 211014 Motor Generator	B	
				4	Type 6V-SEM-15AH Storage Batteries	B	17B9490
<b>SONAR MATERIAL</b>							
					None		
<b>RCM MATERIAL</b>							
					None		

*QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

SPECIAL EXCEPTIONS AND REMARKS

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	1 June 1945	III	78A	RE IIA 100



TYPE  
**AMc**

FITTING - OUT  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
MINESWEEPERS - COASTAL

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>							
1	Type 10223 Repair Kit	B					
1	Model OZ Series Tube Tester	B					
<u>MISCELLANEOUS SPARES</u>							
2	Type 61481 Suspension Insulators	C	16112130				
2	Type 61479 Suspension Insulators	C	16112105				
1	Type 61019C Entrance Insulator	B	1615951				
1	Type 61175A Pedestal Insulator	C	1619832				
150 Ft	7-#18 Bronze Antenna Wire	C	16W3740				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	78B	III	1 June 1945	1 August 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**MINE SWEEPER - COASTAL (UNDERWATER LOCATOR)**

TYPE
<b>AMcU</b>
LGT
CONVERSION

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>WHEELHOUSE</u>							
1	Model TCS Series Transmitting-Receiving Equipment	B					
1	Model RBS Series Receiving Equipment	B					
1	Type 49546 Loudspeaker Unit	B					
1	Model MBF Series Transmitting-Receiving Equipment	B					
RADAR MATERIAL							
<u>SEARCH AND IFF RADAR</u>							
1	Model BK Series Transponder	B		1	Model BK Series Transponder	B	
1	Type CTZ 66AGG or CTZ 66AFJ Antennas	B		1	Type CTZ 66AGG or CTZ 66AFJ Antennas	B	
1	Type GCL - 211014 Motor Generator	B		1	Type GCL - 211014 Motor Generator	B	
2	Type 6V-SBM-15AH Storage Batteries	B		4	Type 6V-SBM-15AH Storage Batteries	B	
SONAR MATERIAL							
1	Type 49620 Speaker-Amplifier Unit	B		1	Model QCU Ranging Equipment	B	
				1	Model NJ Series Sounding Equipment	B	
				1	Range Recorder	B	
RCM MATERIAL							
					None		
<u>ANTENNA SYSTEM</u>							
2	Type 66053 Vertical Antenna	B					
2	Type 61428 Supporting Insulators	B					
3	Type 61479 Suspension Insulators	B					
1	Type 61471 Entrance Insulators	B					
2	Type 49123 Concentric Patchcords	B					
2	Type 49120 Concentric Jacks	B					
1	Type 24206 Antenna Switch	B					
2	Type 63268 Static-Leak Resistors	B					

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	1 August 1945	III	79A	RE IIA 100

RESTRICTED

TYPE  
**AMcU**  
 LCT  
 CONVERSION

FITTING - OUT  
 TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
 FOR  
 MINE SWEEPER - COASTAL (UNDERWATER LOCATOR)

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>							
1	Model OZ Series Vacuum Tube Analyzer	B					
2	Type 10223 Repair Kits	B					
1	Model OAX Sonar Monitor	B					
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
2	Type 49016 Head Telephone Assemblies	B					
1	Set Group "A" TCS Crystals	B					
<u>MISCELLANEOUS SPARES</u>							
1	Type 49016 Head Telephone Assemblies	B					
1	Type 66053 Vertical Antenna	B					
1	Type 61428 Supporting Insulator	B					
2	Type 61479 Suspension Insulator	B					
1	Type 61471 Entrance Insulator	B					

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	79b	III	1 August 1945	1 November 1945

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**MINE SWEEPER COASTAL (UNDERWATER LOCATOR)**

TYPE
<b>AMCU</b>
<b>LCI(L)</b>
CONVERSION

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b><u>RADIO ROOM</u></b>							
1	Model TCS Series Transmitting-Receiving Equipment	B					
1	Model MN Series Transmitting-Receiving Equipment	B					
1	Model RBO Series Receiving Equipment	B					
2	Type 211133 Motor-Generators	B					
1	Type 23156 Motor-Generator Transfer Panel	B					
<b><u>WHEELHOUSE</u></b>							
1	Model RBS Series Receiving Equipment	B		1	Model BK Series Transponders	B	
1	Type 49546 Loudspeaker Unit	B		1	Type CTZ 66ACG or CTZ 66AFJ Antenna	B	
1	Model MBF Series Transmitting-Receiving Equipment	B		1	Type CCL - 211014 Motor Equipment	B	
				4	Type 6V-SRM-15AH Storage Batteries	B	
<b><u>ELSEWHERE</u></b>							
3	Type 49620 Speaker-Amplifier Units	B					
<b><u>ANTENNA SYSTEM</u></b>							
6	Type 61479 Suspension Insulators	B					
3	Type 61471 Entrance Insulators	B					
2	Type 49123 Concentric Patchcords	B					
2	Type 49120 Concentric Jacks	B					
1	Type 24206 Antenna Switch	B					
2	Type 63288 Static-Leak Resistors	B					
<b><u>RADAR MATERIAL</u></b>							
<b><u>SEARCH AND IFF RADAR</u></b>							
<b><u>SONAR MATERIAL</u></b>							
1	Model QCU Ranging Equipment	B		1	Model NJ Series Sounding Equipment	B	
				1	Range Recorder	B	
<b><u>RCM MATERIAL</u></b>							
None							

*QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

SPECIAL EXCEPTIONS AND REMARKS

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 October 1945	1 June 1945	III	80A	RE IIA 100

TYPE  
**AMOU**  
 LC(L)  
 CONVERSION

FITTING - OUT  
 TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
 FOR  
 MINE SWEEPER COASTAL (UNDERWATER LOCATOR)

186 - SHIPS

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>							
1	Model OZ Series Vacuum Tube Analyzer	B					
2	Type 10223 Repair Kit	B					
1	Model OAX Sonar Monitor	B					
1	LP-3 Signal Generator	B					
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
2	Type 49016 Head Telephone Assemblies	B					
1	Set Group "A" TCS Crystals	B					
<u>MISCELLANEOUS SPARES</u>							
1	Type 49016 Head Telephone Assemblies	B					
3	Type 61479 Suspension Insulators	B					
1	Type 61471 Entrance Insulators	B					

RADIO DIVISION - BUREAU OF SHIPS

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	80B	III	1 June 1945	1 October 1945



INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**NET-LAYING SHIPS**

TYPE
<b>AN</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b>RADIO ROOM</b>							
1	Model TDE Series Transmitting Equipment	B					
1	Model RAO Series Receiving Equipment	B					
1	Model REE Series Receiving Equipment	B					
1	Model RBL Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
1	Model TDZ Series Transmitting Equipment						
2	Model RDZ Series Receiving Equipments						
2	Type 49029 Jackboxes	B	16B10050				
1	Type 23436 Receiver Transfer Panel	B					
1	Type 23437 Transmitter Transfer Panel	B					
e1	Type 23156 Motor Generator Transfer Panel	B					
<b>PILOT HOUSE</b>							
1	Model RBS Series Receiving Equipment	B					
1	Model DAS Loran Equipment						
1	Model MBF Series Transmitting-Receiving Equipment						
1	Type 23381 Control Unit						
1	Type 23423 Radiophone Unit						
2	Type 50210 Amplifier Units	B					
1	Type 49029 Jackbox	B	16B10050				
3	Type 49546 Loudspeaker Unit	B					
1	Type 23146 Key-Control Panel						
<b>ELSEWHERE</b>							
3	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B					
e2	Type 21821 Motor Generator Units						
<b>ANTENNA SYSTEM</b>							
1	Type 24206 Antenna Switch	B	16S10205				
3	Type 28006A Receiver Protective Units	B	16P8800				
9*	Type 49120 Concentric Jacks	C	16J1200	1	Model NJ Series Sounding Equipment	B	
3*	Type 49123 Concentric Patchcord Assemblies	B		+1	Bathy-Thermograph	B	
4*	Type 61481 Suspension Insulators	C	16I12130				
14*	Type 61479 Suspension Insulators	C	16I12105				
2*	Type 61019C Entrance Insulators	B	16I5951				
3*	Type 61175A Pedestal Insulators	C	16I9832				
10*	Type 61471 Entrance Insulators	B					
3*	Type 63268 Static-Leak Resistors, (1/2 meg.)	C	16C18225				
1	Type 61475 Entrance Insulator	B					
1	Type 66143 Antenna Assembly						
<b>RADAR MATERIAL</b>							
				1	Small Surface Search Radar	B	
				1	Model BN Series Interrogator-Responder	B	
				1	Model BK Series Transponder	B	
				2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B	
				1	Type CCL- 211014 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
<b>SONAR MATERIAL</b>							
<b>RCM MATERIAL</b>							
					None		

**QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES**

**SPECIAL EXCEPTIONS AND REMARKS**

- e - For vessels in which 115 v.a.c. power is not available for radio equipment.
- + = Assigned by Commander Service Forces and Type Commanders.

**THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 July 1945	1 May 1945	III	86A	RE IIA 100

TYPE

AN

FITTING - OUT

**TYPE ALLOWANCE OF ELECTRONIC MATERIAL.  
FOR  
NET-LAYING SHIPS**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<u>TESTING EQUIPMENT</u>				<u>TOOLS (Continued)</u>		
1	Model OZ Series Vacuum Tube Analyzer	B		1	Screwdriver, slim-shank, 6" blade	C	4181156
1	Model OBL Series Oscilloscope	B		1	Screwdriver, Phillips, 3" blade, #1 point	C	4181645-15
1	Model OBQ Volt-Ohm Milliammeter	B		1	Screwdriver, Phillips, 4" blade, #2 point	C	4181645-20
1	Type 10223 Repair Kits	B		1	Screwdriver, Phillips, 5" blade, #4 point	C	4181645-30
				1 set	Wrenches, open-end, 22-1/2" double-head 1/4" to 1"	B	-
				1 set	Wrenches, socket, hollow-shank	B	41W2623-425
				1 set	Wrenches, setscrew, (Allen #604 or equal)	B	-
	<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>						
3	Type 49016 Head Telephone Assemblies	B	16H3930				
2	Type 51004C Hand Microphone Assemblies	B	16M2352				
1	Model OAH Series Code Practice Set						
	<u>MISCELLANEOUS SPARES</u>						
2	Type 49016 Head Telephone Assemblies	B	16H3930				
1	Type 51004C Hand Microphone Assembly	B	16M2352				
2	Type 61481 Suspension Insulators	C	16I12130				
7	Type 61479 Suspension Insulators	C	16I12105				
1	Type 61019C Entrance Insulator	B	16I5951				
1	Type 61175A Pedestal Insulator	C	16I9832				
3	Type 61471 Entrance Insulators	B					
1	Type 61475 Entrance Insulator	B					
400ft	7-#18 Bronze Antenna Wire	C	16W3740				
	<u>TOOLS</u>						
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "E", 32 teeth	C	41B1164				
1 set	Drills, twist, carbon-steel, type "K"	B	40D1250				
1	Drill, hand, 3/8" capacity	C	41D1828				
1	File, flat, 6"	C	41F670				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists', 1/2 lb.	C	41H521				
1	Iron, soldering, electric, light duty	B	41I688				
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, round nose, short, 6"	C	41P1914				
1	Pliers, side cutting, flat nose, 6"	C	41P1974				
1	Pliers, long nose, 6"	C	41P1991				
1	Punch, center, 3/8"	C	41T3185				
1	Rule, multiple folding, wood	C	41R2844				
1	Screwdriver, common, 3" blade	C	41S1101				
1	Screwdriver, common, 6" blade	C	41S1104				
1	Screwdriver, common, 8" blade	C	41S1106				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	86B	III	1 May 1945	1 July 1945

CJ  
03

# INSTALLATION TYPE ALLOWANCE OF RADIO MATERIAL FOR FUEL OIL TANKERS-FLEET

TYPE
AO

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b>RADIO CENTRAL</b>				<b>CHART HOUSE</b>			
1	Model TAJ Series Transmitting Equipment	B		1	Model DAS Series Loran Equipment	B	16B10050
1	Model TBK Series Transmitting Equipment	B		1	Type 49029 Jackbox		
1	Model TBS Series Transmitting Equipment	B					
2	Model RAK Series Receiving Equipments	B					
2	Model RAL Series Receiving Equipments	B					
2	Model RBO Series Receiving Equipments	B					
1	Model RAO Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
1	Model TDZ Series Transmitting Equipment	B					
2	Model RDZ Series Receiving Equipment			10*	Type 61493 Suspension Insulators	C	16I12145
1	Type 23187 Receiver Transfer Panel	B		22*	Type 61479 Suspension Insulators	C	16I12105
1	Type 23199 Transmitter Transfer Panel	B		6*	Type 61019C Entrance Insulators	B	16I5951
3	Type 23146 Key-Control Panels	B		3*	Type 61475 Entrance Insulator		
1	Type 23135 Control Unit	B		16*	Type 61339 Pedestal Insulators	C	16I9838
1	Type 49063 Jackbox	B	16B10010	7	Type 63288 Static-Leak Resistors, (1/3 meg.)	C	16R18225
2	Type 49029 Jackboxes	B	16B10050			B	16C4000
1	Type 51019 Hand Telephone Assembly	B		6	Type 61352 Anti-Corona Caps	B	
1	Type 50194 Modulator Equipment	B		9	Type 28006A Receiver Protective Units	B	
				28*	Type 49120 Concentric Jacks	C	
				12*	Type 49123 Concentric Patchcord Assemblies	B	
				8*	Type 61471 Entrance Insulators		
				1	Type 24206 Antenna Disconnect Switch		
				10*	Type 61175A Pedestal Insulators		
				4*	Type 61013A Suspension Insulators		
<b>EMERGENCY RADIO STATION</b>				<b>RADAR MATERIAL</b>			
1	Model RCH Series Receiving Equipment	B		<b>SEARCH AND IFF RADAR</b>			
1	Model TDE Series Transmitting Equipment	B		1	Medium Air Search Radar	B	
1	Type 23190 Receiver Transfer Panel	B		1	Medium Surface Search Radar	B	
1	Type 23204 Transmitter Transfer Panel	B		1	Model BL or BM Series Interrogator- Responser	B	
1	Type 23146 Key-Control Panel	B		1	Model BN Series Interrogator Responser	B	
1	Type 49063 Jackbox	B	16B10010	2	Model BK Series Transponders	B	
2	Type 49029 Jackboxes	B	16B10050	+2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B	
				#1	Type CCL - 211014 Motor Generators	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
<b>PILOT HOUSE</b>				<b>RADAR REPEATERS</b>			
1	Model RBK Series Receiving Equipment	B		Ø1	Model VH (or VD or VC) Series Bridge (Pilot House)	B	
1	Model RBS Series Receiving Equipment	B		<b>FIRE CONTROL RADAR EQUIPMENT</b>			
1	Type 23423 Radiophone Unit	B		1	Fire Control Radar Equipment Mk12 Allowed in AO 22, 24, 26 Replacing Mk 4 where installed.	B	
1	Type 23146 Key-Control Panel	B		1	Fire Control Radar Equipment Mk 22 Allowed in AO 22, 24, 26.	B	
4	Type 49546 Loudspeaker Units	B		1	Fire Control Radar Equipment Mk 26 Allowed in AO 2-21, 25, 27-109.	B	
1	Type 49029 Jackbox	B	16B10050	<b>SONAR MATERIAL</b>			
1	Type 23135 Control Unit	B		1	Model NM Series Sounding Equipment	B	
2	Type 50210 Amplifier Units	B		<b>RCM MATERIAL</b>			
1	Type 51019 Hand Telephone Assembly	B		None			
1	Type 23500 Radiophone Unit	B					
1	Type 51081 Hand Telephone Assembly	B					
<b>ELSEWHERE</b>							
5	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B					

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

- + = One additional on vessels where air search radar antenna does not include IFF Array.
- # = Substitute CCL 211018 on AC vessels.
- Ø = For Fleet Type Only.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	1 August 1945	III	90A	RE IIA 100

**TYPE ALLOWANCE OF ELECTRONIC MATERIAL FOR FUEL OIL TANKERS-FLEET**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Continued)</u>			
1	Model OAA-2 Echo Box(for each SA & SC)	B		1	Pliers, diagonal cutting, 4"	C	41P1710
1	Model OZ Series Vacuum Tube Analyzer	B		1	Pliers, diagonal cutting, 6"	C	41P1714
1	Model OBL Oscilloscopes	B		1	Pliers, round nose, short, 4"	C	41P1910
2	Type 10223 Repair Kits	B		1	Pliers, round nose, short, 6"	C	41P1914
1	Model TS-62/AP Echo Box (for each MK 22)	B		1	Pliers, side cutting, flat nose, 6"	C	41P1974
1	Model OBU-2,3 Echo Box(for each SL & SO)	B		1	Pliers, side cutting, flat nose, 8"	C	41P1977
1	Type 60-AM Frequency Meter(for each SL & MK26)	B		1	Pliers, long nose, 6"	C	41T3185
1	Model TS34A/AP Oscilloscope	B		1	Punch, center, 3/8"	C	41S1101
<u>MISCELLANEOUS EQUIPMENTS AND MATERIALS</u>							
1	Model OAH Series Code Practice Set	B		1	Screwdriver, common, 3" blade.	C	41S1102
5	Type 49016 Head Telephone Assemblies	B	16H3930	1	Screwdriver, common, 4" blade	C	41S1104
1	Type 51018 Chest Microphone Assembly	B		1	Screwdriver, common, 6" blade	C	41S1106
<u>MISCELLANEOUS SPARES</u>							
3	Type 49016 Head Telephone Assemblies	B	16H3930	1	Screwdriver, common, 8" blade	C	41S1110
5	Type 61493 Suspension Insulators	C	16I12145	1	Screwdriver, common, 12" blade	C	41S1110
2	Type 61481 Suspension Insulators	C		1	Screwdriver, slim-shank, 6" blade	C	41S1156
7	Type 61479 Suspension Insulators	C	16I12105	1	Screwdriver, Phillips 3/4" blade #1 point	C	41S16545
1	Type 61019C Entrance Insulator	B	16I5951	1	Screwdriver, Phillips 4" blade #2 point	C	41S16453
1	Type 61175A Pedestal Insulator	C		1	Screwdriver, Phillips 8" blade #4 point	C	41T3645
1	Type 61234A Insulator Bowl	C	16I14025	1	Torch, gasoline, 1 quart	B	41V242
4	Type 61339 Pedestal Insulators	C	16I9838	1	Vise, bench, Class A 3" jaws	B	
1	Type 61470 Insulator Bowl	C		1	Wrench, open-end, 15" double-head 7/16" & 1/2"	C	41W1000
1	Type 61471 Entrance Insulator	C		1	Wrench, open-end, 15" double-head 9/16" & 5/8"	C	41W1005
1	Type 61475 Entrance Insulator	C		1	Wrench, open-end, 15" double-head 5/8" & 3/4"	C	41W1008
1	Type 7-#18 Bronze Antenna Wire	C	16W3740	1	Wrench, open-end, 15" double-head 3/4" & 13/16"	C	41W1012
300 ft.	5/16" dial (6x19) Bronze Wire Rope	C	22R210	1	Wrench, open-end, 15" double-head 7/8" & 15/16"	C	41W1019
300 ft.				1 set	Wrenches, socket hollow-shank	B	41W1024
				1 set	Wrenches, setscrew, (Allen #604 or equal)	B	41W2623-43
<u>TOOLS</u>							
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Chisel, machinists, hand, 1/4"	C	41C1052				
1	Chisel, machinists, hand, 3/8"	C	41C1062				
1	Cutter, circle, 1" to 5-1/2", 1/2" round shank, (Pawood #5 or equal)	C					
1	Drill, hand, 3/8" capacity	C	41D1828				
1	Drill, breast, 1/2" capacity	B	41D1663				
1 set	Drills, twist, carbon-steel, type "K"	B	41D1250				
1	File, flat, 6"	C	41F870				
1	File, flat, 8"	C	41F872				
1	File, flat, 10"	C	41F874				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists, 1/2 lb.	C	41H521				
1	Iron, soldering, electric, light duty	C	41I688				
1	Iron, soldering, electric, medium duty	C	41I691				
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, combination, slip-joint, 8"	C	41P1633				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	90B	III	1 August 1945	1 November 1945

RADIO DIVISION - BUREAU OF SHIPS

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**GASOLINE TANKER**

TYPE  
**AOG**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO CENTRAL</u>				<u>ANTENNA SYSTEM</u>		
1	Model TAJ Series Transmitting Equipment	B		10*	Type 61493 Suspension Insulators	C	16I12145
1	Model TBK Series Transmitting Equipment	B		18*	Type 61479 Suspension Insulators	C	16I12105
2	Model RAK Series Receiving Equipments	B		5*	Type 61019C Entrance Insulators	B	16I5951
2	Model RAL Series Receiving Equipments	B		3	Type 61475 Entrance Insulators	B	
2	Model RBO Series Receiving Equipments	B		18*	TYPE 61339 Pedestal Insulators	C	16I9838
1	Model LM Series Frequency Meter	B		5	Type 63288 Static-Leak Resistors (1/2 meg.)	C	16R18225
1	Model TDZ Series Transmitting Equipment	B		6	Type 61352 Anti-Corona Caps	B	16C4000
2	Model RDZ Series Receiving Equipment	B		6	Type 28006A Receiver Protective Units	B	16P8800
1	Type 23187 Receiver Transfer Panel	B		26*	Type 49120 Concentric Jacks	C	16J1200
1	Type 23199 Transmitter Transfer Panel	B		11*	Type 49123 Concentric Patchcord Assemblies	B	
2	Type 23146 Key-Control Panels	B		7*	Type 61471 Entrance Insulators	B	
1	Type 49063 Jackbox	B	16B10010	1	Type 66143 Antenna Assembly		
1	Type 50194 Modulator Equipment	B					
	<u>EMERGENCY RADIO STATION</u>				<u>ELSEWHERE</u>		
1	Model RCH Series Receiving Equipment	B		5	Type 49620 Series Speaker-Amplifier Units		
1	Model TDE Series Transmitting Equipment	B		e2	Type 211008 Motor-Generator Units		
1	Type 23190 Receiver Transfer Panel	B					
1	Type 23204 Transmitter Transfer Panel	B					
1	Type 23146 Key-Control Panel	B					
1	Type 49063 Jackbox	B	16B10010				
2	Type 49029 Jackbox	B	16B10050				
	<u>PILOT HOUSE</u>				<u>RADAR MATERIAL</u>		
1	Model RBS Series Receiving Equipment	B		Ø1	Medium Air Search Radar	B	
1	Model RBK Series Receiving Equipment	B		+ 1	Medium Surface Search Radar	B	
1	Model MBF Series Transmitting-Receiving Equipment	B		Ø1	Model BL or BM Series Interrogator Responder	F	
3	Type 49546 Loudspeaker Unit	B		1	Model BN Series Interrogator Responder	E	
1	Type 23146 Key-Control Panel	B		2	Model BK Series Transpondors	B	
1	Type 49029 Jackbox	B		1	Fire Control Radar Equipment MK26 (AOG 1-11, 48-59)	B	
1	Type 23500 Radiophone Unit	B	16B10050	#1	Small Surface Search Radar, SF Series	B	
1	Type 51081 Hand Telephone Assembly	B		2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B	
1	Type 23423 Radiophone Unit	B		1	Type CGL - 211014 Motor Generators	B	
2	Type 50210 Amplifier Units	B		4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
	<u>CHART HOUSE</u>				<u>SONAR MATERIAL</u>		
1	Model DAB Series Loran Equipment	B	16B10050	1	Model NM Series Sounding Equipment	B	
1	Type 49029 Jackbox	B					
					<u>RCM MATERIAL</u>		
					None		

**QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES**

**SPECIAL EXCEPTIONS AND REMARKS**

- # = Allowed in AOG 1-46, 60, 61.
- e - For vessels in which 115 v.a.c. power is not available for radio equipment.
- + = Allowed in AOG 47-59, 62-75.
- Ø = Allowed in AOG 1-11, 47-59, 62-75.

**THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
10 July 1945	1 July 1945	III	93A	RE IIA 100



**TYPE**  
**AOG**

**FITTING - OUT**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**GASOLINE TANKERS**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Continued)</u>			
1	Model OZ Series Vacuum Tube Analyzer	B		1	Iron, soldering, electric, light duty	B	41I688
1	Model OBQ Series Volt-Ohm Milliammeter	B		1	Iron, soldering, electric, medium duty	B	41I691
1	Model OBL Series Oscilloscopes	B		1	Pliers, combination, slip-joint, 6"	C	41P1631
2	Type 10223 Repair Kits	B		1	Pliers, diagonal cutting, 4"	C	41P1710
1	Model OBU-2, 3 Echo Box (for each SL)	B		1	Pliers, diagonal cutting, 6"	C	41P1714
1	Type 60-ABM Frequency Meter (for each SL & MK26)	B		1	Pliers, round nose, short, 4"	C	41P1910
				1	Pliers, round nose, short, 6"	C	41P1914
				1	Pliers, side cutting, flat nose, 6"	C	41P1974
				1	Pliers, side cutting, flat nose, 8"	C	41P1977
				1	Pliers, long nose, 6"	C	41P1991
				1	Punch, center, 3/8"	C	41T3185
				1	Screwdriver, common, 3" blade	C	41S1101
				1	Screwdriver, common, 4" blade	C	41S1102
				1	Screwdriver, common, 6" blade	C	41S1104
				1	Screwdriver, common, 8" blade	C	41S1106
				1	Screwdriver, common, 12" blade	C	41S1110
				1	Screwdriver, slim-shank, 6" blade	C	41S1156
				1	Screwdriver, Phillips 3/4" blade #1 point	C	41S1645-15
				1	Screwdriver, Phillips 4" blade #2 point	C	41S1645-20
				1	Screwdriver, Phillips 8" blade #4 point	C	41S1645-30
				1	Torch, gasoline, 1 quart	B	41T3645
				1	Vise, bench, Class A, 3" jaws	B	41V242
				1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000
				1	Wrench, open-end, 15" double-head, 9/16" & 5/8"	C	41W1005
				1	Wrench, open-end, 15" double-head, 5/8" & 3/4"	C	41W1008
				1	Wrench, open-end, 15" double-head, 3/4" & 13/16"	C	41W1012
				1	Wrench, open-end, 15" double-head, 7/8" & 15/16"	C	41W1019
				1	Wrench, open-end, 15" double-head, 1" & 1-1/8"	C	41W1024
				1 set	Wrenches, socket, hollow-shank	B	41W2623-425
				1 set	Wrenches, setscrew, (Allen #604 or equal)	B	
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
1	Model TBY Portable Transmitting-Receiving Equipment	B					
5	Type 49016 Head Telephone Assemblies	B	16H3930				
1	Model OAH Series Code Practice Set	B					
<u>MISCELLANEOUS SPARES</u>							
3	Type 49016 Head Telephone Assemblies	B	16H3930				
5	Type 61493 Suspension Insulators	C	16I12145				
7	Type 61479 Suspension Insulators	C	16I12105				
1	Type 61019C Entrance Insulators	B	16I5951				
1	Type 61234A Insulator Bowl	C	16I14025				
4	Type 61339 Pedestal Insulators	C	16I9838				
1	Type 61470 Insulator Bowl	C					
1	Type 61471 Entrance Insulator	B					
1	Type 61475 Entrance Insulator	B					
300 Ft.	7-#18 Bronze Antenna Wire	C	16W3740				
300 Ft.	5/16" dia. (6x19) Bronze Wire Rope	C	22R200				
200 Ft.	7/16" dia. (6x19) Bronze Wire Rope	C	22R210				
<u>TOOLS</u>							
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Chisel, machinists', hand, 1/4"	C	41C1052				
1	Chisel, machinists', hand, 3/8"	C	41C1062				
1	Cutter, circle, 1" to 5-1/2", 1/2" round shank, (Fawood #5 or equal)	C					
1	Drill, hand, 3/8" capacity	B	41D1828				
1	Drill, breast, 1/2" capacity	B	41D1663				
1 set	Drills, twist, carbon-steel, type "K"	B	41D1250				
1	File, flat, 6"	C	41F870				
1	File, flat, 8"	C	41F872				
1	File, flat, 10"	C	41F874				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists', 1/2 lb.	C	41H521				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	93B	III	1 July 1945	10 July 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**GASOLINE TANKERS**

TYPE
AOG
14-46
60-61

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b><u>RADIO CENTRAL</u></b>				<b><u>PILOT HOUSE</u></b>			
1	Model RAO Series Receiving Equipment	B		1	Model MBF Series Transmitting-Receiving Equipment	B	
1	Model REL Series Receiving Equipment	B				B	
1	Model REE Series Receiving Equipment	B		1	Type 23146 Key-Control Panel	B	
1	Model TDE Series Transmitting Equipment	B		1	Type 23423 Radiophone Unit	B	
1	Model LM Series Frequency Meter	B		1	Type 23381 Control Unit	B	
1	Model TDZ Series Transmitting Equipment	B		1	Type 49029 Jackbox	B	16B10050
2	Model RDZ Series Receiving Equipments	B		2	Type 49546 Loudspeaker Unit	B	
1	Type 23436 Receiver Transfer Panel	B		1	Type 23500 Radiophone Unit	B	
1	Type 23437 Transmitter Transfer Panel	B		1	Type 51081 Hand Telephone Assembly	B	
1	Type 23146 Key-Control Panel	B		2	Type 50210 Amplifier Units	B	
1	Type 49063 Jackbox	B	16B10010				
2	Type 49029 Jackboxes	B	16B10050				
1	Type 23156 Motor Generator Transfer Panel	B					
 <b><u>CHART HOUSE</u></b>							
1	Model DAS Series Lorap Equipment	B					
1	Type 49029 Jackbox	B	16B10050				
 <b><u>ANTENNA SYSTEM</u></b>				<b><u>RADAR MATERIAL</u></b>			
12*	Type 61493 Suspension Insulators	C	16I12130				
11*	Type 61479 Suspension Insulators	C	16I12105	1	Small Surface Search Radar (SF Series)	B	
4*	Type 610190 Entrance Insulators	B	16I5951	1	Model BN Series Interrogator-Responder	B	
9*	Type 61175A Pedestal Insulators	C	16I9832	2	Model BK Series Transponder	B	
6*	Type 61339 Pedestal Insulators	C	16I9838	2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B	
2	Type 61352 Anti-Corona Caps	B	16C4000	1	Type CGL - 211014 Motor Generator	B	
2	Type 63288 Static-Leak Resistors (1/2 megohm)	C	16R18225	4	Type 6V-SEM-15AH Storage Batteries	B	17B9490
3	Type 28006A Receiver Protective Units	B	16P8800				
12*	Type 49120 Concentric Jacks	C	16J1200				
4*	Type 49123 Concentric Patchcord Assemblies	B					
1	Type 24206 Antenna Switch	B	16B10205				
4*	Type 61471 Entrance Insulators	B					
1	Type 66143 Antenna Assembly	B					
 <b><u>ELSEWHERE</u></b>				<b><u>SONAR MATERIAL</u></b>			
2	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B		1	Model NM Series Sounding Equipment	B	
e2	Type 21821 Motor Generator Sets	B					
 <b><u>RCM MATERIAL</u></b>				<b>None</b>			

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

e - For vessels in which 115 v.a.c. power is not available for radio equipment.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 July 1945	1 May 1945	III	94A	RE IIA 100

**TYPE**  
**AOG**  
**(14-46)**  
**(60-61)**

**FITTING - OUT**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**AOG (14-46) (60-61) GASOLINE TANKERS**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Continued)</u>			
1	Model OZ Series Vacuum Tube Analyzer	B		1	Pliers, round nose, short, 6"	C	41P1914
1	Model OBL Series Oscilloscope,	B		1	Pliers, side cutting, flat nose, 6"	C	41P1974
1	Model OBQ Volt-Ohm Milliammeter	B		1	Pliers, side cutting, flat nose, 8"	C	41P1977
2	Type 10223 Repair Kite	B		1	Pliers, long nose, 5"	C	41P1991
1	Model OBU-2,3 Echo Box (for each SL)	B		1	Punch, center, 3/8"	C	41T3185
1	Type 60-ABM Frequency Meter (for each SL & MK26)	B		1	Screwdriver, common, 3" blade	C	41S1101
<u>MISCELLANEOUS EQUIPMENTS AND MATERIALS</u>				<u>MISCELLANEOUS SPARES</u>			
1	Model TBY Series Portable Transmitting-Receiving Equipment	B		1	Screwdriver, common, 4" blade	C	41S1102
3	Type 49016 Head Telephone Assemblies	B	16H3930	1	Screwdriver, common, 6" blade	C	41S1104
1	Type 51004C Hand Microphone Assembly	B		1	Screwdriver, common, 8" blade	C	41S1106
1	Model OAH Series Code Practice Set	B		1	Screwdriver, common, 12" blade	C	41S1110
6	Type 61493 Suspension Insulators	C	16I12130	1	Screwdriver, slim-shank, 6" blade	C	41S1156
6	Type 61479 Suspension Insulators	C	16I12105	1	Screwdriver, Phillips 3" blade #1 point	C	41S1645-15
2	Type 61019C Entrance Insulators	B	16I5951	1	Screwdriver, Phillips 4" blade #2 point	C	41S1645-20
2	Type 61175A Pedestal Insulators	C	16I9832	1	Screwdriver, Phillips 4" blade #4 point	C	41S1645-30
2	Type 61339 Pedestal Insulators	C	16I9838	1	Torch, gasoline, 1 quart	B	41T3645
2	Type 49016 Head Telephone Assemblies	B	16H3930	1	Vise, bench, Class A, 3" jaws	B	41V242
300 ft.	7-#18 Bronze Antenna Wire	C	41W3740	1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000
300 ft.	5/16" dia. (6x19) Bronze Wire Rope	C	22R200	1	Wrench, open-end, 15" double-head, 9/16" & 5/8"	C	41W1005
1	Type 51004C Hand Microphone Assembly	B	16M2352	1	Wrench, open-end, 15" double-head, 5/8" & 3/4"	C	41W1008
2	Type 61471 Entrance Insulators	C		1	Wrench, open-end, 15" double-head, 3/4" & 13/16"	C	41W1012
<u>TOOLS</u>				1 set	Wrenches, socket, hollow-shank	B	41W1019
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163	1 set	Wrenches, setscrew (Allen #604 or equal)	B	41W1024
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				41W2623-25
1	Chisel, machinists', hand, 1/4"	C	41C1052				
1	Chisel, machinists', hand, 3/8"	C	41C1062				
1	Cutter, circle, 1" to 5-1/2", 1/2" round shank, (Pawood #5 or equal)	C					
1	Drill, hand, 3/8" capacity	C	41D1828				
1	Drill, breast, 1/2" capacity	B	41D1663				
1 set	Drills, twist, carbon-steel, type "K"	C	41D1250				
1	File, flat, 6"	B	41F870				
1	File, flat, 8"	C	41F872				
1	File, flat, 10"	C	41F874				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists', 1/2 lb.	C	41H521				
1	Iron, soldering, electric, light duty	B	41I688				
1	Iron, soldering, electric, medium duty	B	41I691				
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, combination, slip-joint, 8"	C	41P1633				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, round nose, short, 4"	C	41P1910				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	94B	III	1 May 1945	1 July 1945

47

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**TRANSPORTS**

<b>TYPE</b>
<b>AP</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO CENTRAL</u>				<u>ANTENNA SYSTEM</u>		
1	Model TAJ Series Transmitting Equipment	B		8*	Type 61493 Suspension Insulators	C	16I12145
1	Model TBK Series Transmitting Equipment	B		16*	Type 61479 Suspension Insulators	C	16I12105
2	Model RAK Receiving Equipments	B		5*	Type 61019C Entrance Insulators	B	16I5951
2	Model RAL Series Receiving Equipments	B		3	Type 61475 Entrance Insulators	B	
2	Model RBO Series Receiving Equipments	B		14*	Type 61339 Pedestal Insulators	C	16I9838
1	Model LM Series Frequency Meter	B		6	Type 61352 Anti-Corona Caps	B	16C4000
1	Model TDZ Series Transmitting Equipment	B		5	Type 63288 Static-Leak Resistors, (1/2 meg.)	C	16R18225
2	Model RDZ Series Receiving Equipments	B		6	Type 28006A Receiver Protective Units	R	16P8800
2	Type 23146 Key-Control Panels	B		26*	Type 49120 Concentric Jacks	C	16J1200
1	Type 23187 Receiver Transfer Panel	B		11*	Type 49123 Concentric Patchcord Assemblies	B	
1	Type 23199 Transmitter Transfer Panel	B		7*	Type 61471 Entrance Insulators	B	
1	Type 49063 Jackbox	B	16B10010	1	Type 66143 Antenna Assembly	B	
1	Type 50194 Modulator Equipment	B					
	<u>EMERGENCY RADIO STATION</u>				<u>ELSEWHERE</u>		
1	Model RGH Series Receiving Equipment	B		13	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
1	Model IDE Series Transmitting Equipment	B		e2	Type 211007 Motor Generator Sets	B	
1	Type 23190 Receiver Transfer Panel	B					
1	Type 23204 Transmitter Transfer Panel	B					
1	Type 23146 Key-Control Panel	B					
2	Type 49028 Jackbox	B	16B10050				
1	Type 49063 Jackbox	B	16B10010				
	<u>PILOT HOUSE</u>				<u>RADAR MATERIAL</u>		
1	Model MBF Series Transmitting-Receiving Equipment	B		1	<u>SEARCH AND IFF RADAR</u>	B	
1	Model RBS Series Receiving Equipment	B		1	Medium Air Search Radar	B	
1	Model RBK Series Receiving Equipment	B		1	Large Surface Search Radar	B	
1	Type 23146 Key-Control Panel	B		1	Model BL or BM Series Interrogator-Responder	B	
1	Type 23423 Radiophone Unit	B		1	Model BN Series Interrogator Responder	B	
1	Type 49029 Jackbox	B	16B10050	2	Model BK Series Transpondors	B	
3	Type 49546 Loudspeaker Unit	B		+2	Type CTZ-66AGG or CTZ-66AFJ Antennas	B	
1	Type 23500 Radiophone Unit	B		++1	Type GCL - 211014 Motor Generator	B	
1	Type 51081 Hand Telephone Assembly	B		4	Type 6V-8BM-15AH Storage Batteries	B	17B9490
2	Type 50210 Amplifier Units	B			<u>RADAR REPEATERS</u>		
				#1	Standard Radar Repeater VH (or VD or VC) (Pilot House)	B	
					<u>FIRE CONTROL RADAR EQUIPMENT</u>		
				#1	Fire Control Radar Equipment MK26	B	
				#2	Fire Control Radar Equipment MK26	B	
	<u>CHART HOUSE</u>				<u>SONAR MATERIAL</u>		
1	Type 49029 Jackbox	B	16B10050				
1	Model DAS Series Loran Equipment	B		1	Model NM Series Sounding Equipment	B	
				#1	Model NK Series (Portable Sounding Equipment)	B	
					<u>RCM MATERIAL</u>		
					None		

**QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES**

**SPECIAL EXCEPTIONS AND REMARKS**

- + = One additional allowed when air Search Radar Antenna does not include IFF Array.
- ++ = Substitute GCL - 211018 on AC Vessels.
- g = Preference of model indicated by order of listing.
- e = For Vessels in which 115 v.a.c. power is not available for radio equipment.
- 1 = Not Allowed on AP 33, 41, 75.
- # = Flaggships allocated (2). NK.
- ## = Allowed in AP 110-159, 176.

**THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	1 July 1945	III	100A	RE IIA 100









TYPE  
**APA**

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
FOR  
**TRANSPORTS - ATTACK**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
					<u>SEARCH AND IFF RADAR</u>		
1				1	Medium Air Search Radar	B	
1				1	Large Surface Search Radar	B	
1				1	Model BL or BM Series Interrogator Responder	B	
1				1	Model BN Series Interrogator Responder	B	
2				2	Model BK Series Transponders	B	
#2					Type CTZ-66ACG or CTZ-66AFJ Antennas	B	
##1					Type CCL- 211014 Motor Generator	B	
4				4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
					<u>RADAR REPEATERS</u>		
+1					Standard Radar Repeater, Model VH (or VD or VC) (Pilot House)	B	
1				1	Model VK (VT, VC-12" tube, or VD)(CIC)	B	
					<u>FIRE CONTROL RADAR EQUIPMENT</u>		
#1				#1	Fire Control Radar Equipment MK26	B	
					<u>SONAR MATERIAL</u>		
1				1	Model NM Series Sounding Equipment	B	
1				1	Model NK Series (Portable) Sounding Equipment	B	
					<u>RCM MATERIAL</u>		
					None		

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES  
SPECIAL EXCEPTIONS AND REMARKS

- \* = Not allowed on APA 89, 90.
- + = Preference of model indicated by order of listing.
- # = One additional allowed when Air Search Radar Antenna does not include IFF Array.
- ## = Substitute CCL - 211018 on AG Vessels.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	101B	III	1 October 1945	1 December 1945

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**TRANSPORTS-ATTACK**

TYPE  
**APA**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<b>TESTING EQUIPMENT</b>				<b>TOOLS</b>			
1	Model OAA-2 Echo Box	B		6	Blades, hacksaw, type "B", 18 teeth	C	41B1163
1	Model OBU-2,3 Echo Box	B		6	Blades, hacksaw, type "B", 32 teeth	C	41B1164
1	Model OAP Series Frequency Meter	B		1	Chisel, machinists', and, 1/4"	C	41C1052
1	Model TS-173/UR Frequency Meter	B		1	Chisel, machinists', hand, 3/8"	C	41C1062
1	Model TS-182/UP Frequency Meter			1	Cutter, circle, 1" to 5-1/2", 1/2" round shank, (Pawood #5 or equal)	C	
1	Type 60-ABM Frequency Meter (for each MK 26)			1	Drill, hand, 3/8" capacity	C	41D1828
1	Model OBL Series Oscilloscope	B		1	Drill, breast, 1/2" capacity	C	41D1663
1	Model TS-331/UR Signal Generator	B		1 Set	Drills, twist, carbon-steel, type "K"	B	41D1250
1	Model OZ Series Tube Tester	B		1	File, flat, 6"	C	41F870
1	Model OBQ Series VT Volt-Ohm Milliammeter	B		1	File, flat, 8"	C	41F872
5	Type 10223 Repair Kits	B		1	File, flat, 10"	C	41F874
1	Type 60007 C & R Bridge	B		1	Frame, hacksaw, adjustable	C	41F3390
1	Type 60089 VT Megohmmeter	B		1	Hammer, machinists', 1/2 lb.	C	41H521
				1	Iron, soldering, electric, light duty	B	41I688
				1	Iron, soldering, electric, medium duty	B	41I691
				1	Pliers, combination, slip-joint, 6"	C	41P1631
				1	Pliers, combination, slip-joint, 8"	C	41P1633
				1	Pliers, diagonal cutting, 4"	C	41P1710
				1	Pliers, diagonal cutting, 6"	C	41P1714
				1	Pliers, round nose, short, 4"	C	41P1910
				1	Pliers, round nose, short, 6"	C	41P1914
				1	Pliers, side cutting, flat nose, 6"	C	41P1974
				1	Pliers, side cutting, flat nose, 8"	C	41P1977
				1	Pliers, long nose, 6"	C	41T3185
				1	Screwdriver, common, 3" blade	C	41S1101
				1	Screwdriver, common, 4" blade	C	41S1102
				1	Screwdriver, common, 6" blade	C	41S1104
				1	Screwdriver, common, 8" blade	C	41S1106
				1	Screwdriver, common, 12" blade	C	41S1110
				1	Screwdriver, slim-shank, 6" blade	C	41S1156
				1	Screwdriver, Phillips, 3" blade #1 point	C41	31645-15
				1	Screwdriver, Phillips, 4" blade #2 point	C41	31645-20
				1	Screwdriver, Phillips, 5" blade #4 point	C41	31645-30
				1	Torch, gasoline, 1 quart	B	41T3645
				1	Wise, bench, 3" jaws, Class A	B	41V242
				1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000
				1	Wrench, open-end, 15" double-head, 9/16" & 5/8"	C	41W1005
				1	Wrench, open-end, 15" double-head, 5/8" & 3/4"	C	41W1008
				1	Wrench, open-end, 15" double-head, 3/4" & 13/16"	C	41W1012
				1	Wrench, open-end, 15" double-head, 7/8" & 15/16"	C	41W1019
				1	Wrench, open-end, 15" double-head, 1" & 1-1/8"	C	41W1024
				1 Set	Wrenches, socket, hollow-shank	B41	W2623-42
				1 Set	Wrenches, setscrew (Allen #604 or equal)	B	
<b>MISCELLANEOUS EQUIPMENT AND MATERIAL</b>							
003	Model TBY Series Portable Transmitting-Receiving Equipment	B					
001	Model TBX Series Portable Transmitting-Receiving Equipment	B					
2	Model TCY Series Portable Transmitting-Receiving Equipment	B					
5	Type 49016 Head Telephone Assemblies	B	16H3930				
1	Type 51018 Chest Microphone Assembly	B					
1	Type 51004C Hand Microphone Assembly	B					
012	Model SCR-610 Portable Transmitting-Receiving Equipments	B					
#5	Model SCR-536 Ultra Portable Transmitting-Receiving Equipment	B					
2	Model OAH Series Code Practice Sets	B					
<b>END</b>							
<b>MISCELLANEOUS SPARES</b>							
4	Type 61493 Suspension Insulators	C	16I12145	1 Set	Wrenches, socket, hollow-shank	B41	W2623-42
1	Type 61481 Suspension Insulators	C	16I12130	1 Set	Wrenches, setscrew (Allen #604 or equal)	B	
7	Type 61479 Suspension Insulators	C	16I12105				
4	Type 61019C Entrance Insulators	B	16I5951				
1	Type 61475 Entrance Insulators	B	16I5975				
2	Type 61175A Pedestal Insulators	C	16I9832				
3	Type 61339 Pedestal Insulators	C	16I9838				
4	Type 49016 Head Telephone Assemblies	B	16H3930				
300 Ft	7-#18 Bronze Antenna Wire	C	16W3740				
300 Ft	5/16" dia. (6x19) Bronze Wire Rope	C	22R200				
200 Ft	7/16" dia. (6x19) Bronze Wire Rope	C	22R210				
4	Type 61471 Entrance Insulators	B					

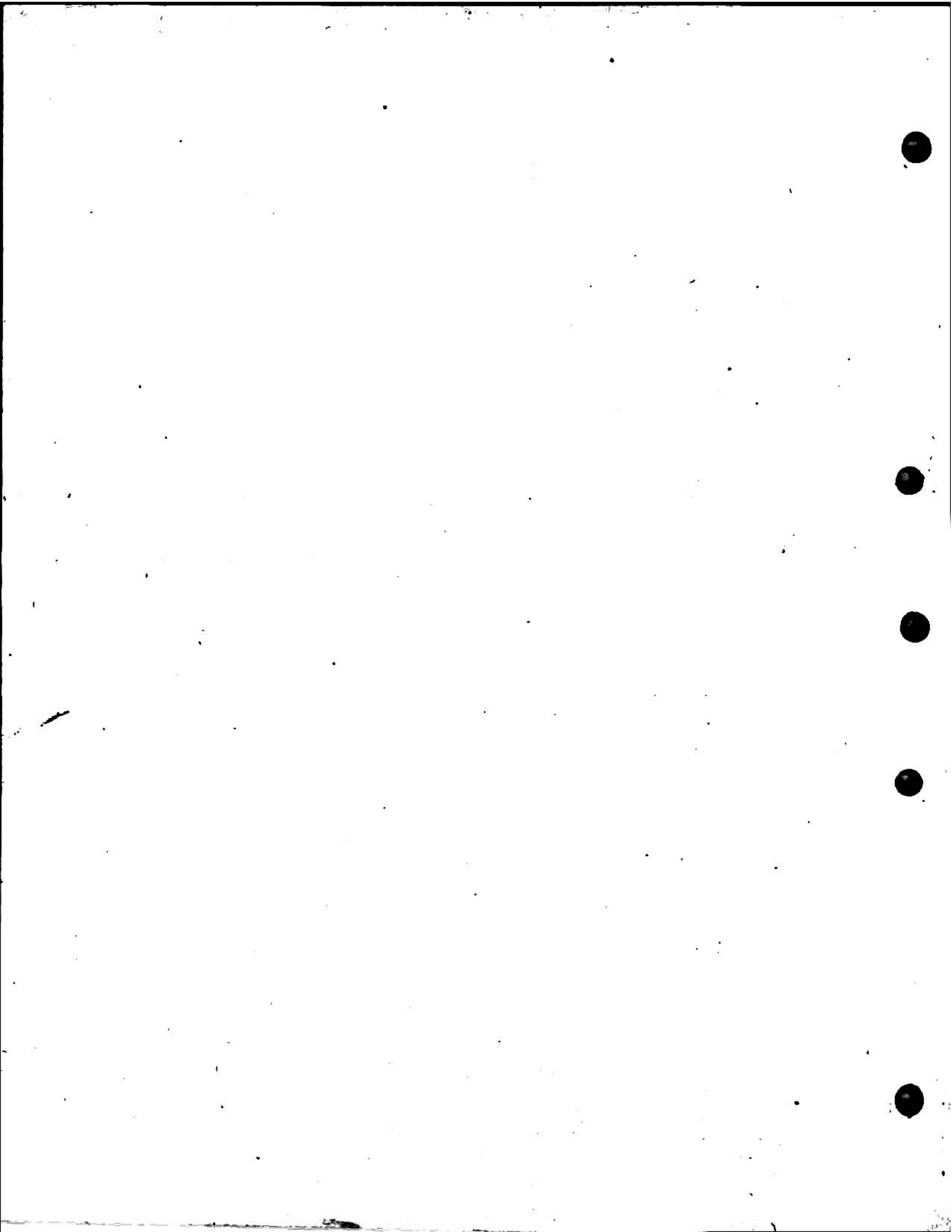
QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND GLASSES

SPECIAL EXCEPTIONS AND REMARKS

- 00 - One unit assigned for exclusive use of Beach Party.
- 0 - Two units assigned for exclusive use of Beachmaster and one unit assigned for exclusive use of Boat Salvage Party.
- # - Four Units assigned for exclusive use of Beachmaster, one unit assigned for exclusive use of Boat Salvage Party.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	1 May 1945	III	101C	RE IIA 100



INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**TRANSPORTS-ATTACK DIVISION FLAGSHIPS**

TYPE  
**APA**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b><u>RADIO CENTRAL</u></b>				<b><u>FLAG PLOT</u></b>			
1	Model TBM Series Transmitting Equipment	B		1	Model SCR-508 Transmitting-Receiving Equipment	B	
1	Model TBK Series Transmitting Equipment	B		2	Model SCR-608 Transmitting-Receiving Equipment	B	
1	Model TBS Series Transmitting Equipment	B		1	Model SCR-624 Transmitting-Receiving Equipment	B	
2	Model TDE Series Transmitting Equipment	B		1	Type 23135 Control Unit	B	
1	Model TCP Series Transmitting-Receiving Equipment	B		2	Type 49546 Loudspeaker Units	B	
3	Model TCS Series Transmitting-Receiving Equipment	B		1	Type 23423 Radiophone Unit	B	
1	Model TDZ Series Transmitting Equipment	B		2	Type 23146 Key-Control Panels	B	
1	Model RAK Series Receiving Equipment	B		2	Type 49029 Jackboxes	B	16B10050
1	Model RAL Series Receiving Equipment	B		1	Type 50210 Amplifier Units	B	
2	Model RAO Series Receiving Equipments	B		1	Type 24502 Selector Switch	B	
2	Model RBL Series Receiving Equipments	B		1	Type 51007 Hand Telephone Assembly	B	
2	Model RBO Series Receiving Equipments	B		2	Type 211437 Motor Generator	B	
2	Model RDZ Series Receiving Equipments	B		<b><u>PILOT HOUSE</u></b>			
1	Model LM Series Frequency Meter	B		1	Type 23423 Radiophone Unit	B	
1	Type 23135 Control Unit	B		1	Type 23135 Control Unit	B	
3	Type 23146 Key-Control Panels	B		1	Type 23146 Key-Control Panel	B	
1	Type 23187 Receiver Transfer Panel	B		1	Type 49029 Jackbox	B	16B10050
1	Type 23199 Transmitter Transfer Panel	B		1	Type 49546 Loudspeaker Unit	B	
4	Type 49029 Jackboxes	B	16B10050	1	Type 51019 Hand Telephone Assembly	B	
1	Type 49063 Jackbox	B	16B10010	1	Model SCR-508 Transmitting-Receiving Equipment	B	
1	Type 51019 Hand Telephone Assembly	B		2	Model SCR-608 Transmitting-Receiving Equipment	B	
1	Type 23206 Radiophone Transfer Panel	B		1	Model AN/ABC-1 or SCR-624 Transmitting-Receiving Equipment	B	
1	Type 50194 Modulator Equipment	B		1	Type 49620 Series Speaker-Amplifier Unit	B	
1	Type 23436 Receiver Transfer Panel	B		3	Type 211437 Motor Generator	B	
1	Type 23437 Transmitter Transfer Panel	B		<b><u>CHART HOUSE</u></b>			
<b><u>EMERGENCY RADIO STATION</u></b>				1	Model DAS Series Loran Equipment	B	
1	Model TAJ Series Transmitting Equipment	B		1	Type 49029 Jackbox	B	
1	Model RAK Series Receiving Equipment	B		<b><u>ANTENNA SYSTEM</u></b>			
1	Model RAL Series Receiving Equipment	B		1	Type 24206 Disconnect Switch	B	
1	Type 23146 Key-Control Panel	B		9	Type 28006A Receiver Protective Units	B	16P8800
1	Type 23190 Receiver Transfer Panel	B		25*	Type 49120 Concentric Jacks	C	16J1200
1	Type 23204 Transmitter Transfer Panel	B		12*	Type 49123 Concentric Patchcord Assemblies	B	
1	Type 49063 Jackbox	B		8*	Type 61493 Suspension Insulators	C	16I12145
<b><u>COMBAT INFORMATION CENTER</u></b>				2*	Type 61481 Suspension Insulators	C	16I12130
2	Model RBH Series Receiving Equipment	B		14*	Type 61479 Suspension Insulators	C	16I12105
1	Model RBK Series Receiving Equipment	B		7*	Type 61019C Entrance Insulators	B	16I5951
3	Type 23423 Radiophone Units	B		3*	Type 61475 Entrance Insulators	B	16I5975
3	Type 50210 Amplifier Units	B		10*	Type 61175A Pedestal Insulators	C	16I9832
1	Type 23230 Remote Control Unit	B		14*	Type 61339 Pedestal Insulators	C	16I9838
1	Type 23135 Remote Control Unit	B		6	Type 61352 Anti-Corona Caps	B	16C4000
6	Type 49546 Loudspeakers	B		2	Type 66095 Antenna Assemblies	B	
1	Type 51019 Hand Telephone Assembly	B					
1	Type 23146 Key-Control Panel	B					
1	Type 49029 Jackbox	B	16B10050				
3	Type 24502 Selector Switches	B					
3	Type 51007 Hand Telephone Assembly	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 October 1945	III	102A	RE IIA 100

TYPE  
**APA**

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
FOR  
TRANSPORTS-ATTACK DIVISION FLAGSHIPS

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
	<u>ANTENNA SYSTEM (CONT'D)</u>			1	Medium Air Search Radar	B	
8	Type 63288 Static-Leak Resistors (1/2 Megohm)	C	16R18225	1	Large Surface Search Radar	B	
7*	Type 61471 Entrance Insulators	B		1	Model BL or BM Series Interrogator Responder	B	
1	Type 66143 Antenna Assembly	B		2	Model BK Series Transponders	B	
				1	Fire Control Radar Equipment MK26	B	
				+2	Type CT3-66ACG or CT2-66AFJ Antennae	B	
				+1	Type GCL - 211014 Motor Generator	B	
				4	Type 6W-SEM-15AH Storage Batteries	B	17B9490
	<u>ELSEWHERE</u>				<u>RADAR REPEATERS</u>		
e2	Type 211007 Motor Generator Sets	B			Stations listed in order of priority. Preference of model indicated by order of listing.		
13	Type 49620 Series Speaker-Amplifier Units	B		1	Model VK (VJ, VC-12" tube, or VD) (CIC)	B	
				1	Model VK (VJ, VC-12" tube, or VD) (Flag Plot)	B	
				1	Model VK (VJ, VC-12" tube, or VD) (Pilot House)	B	
					<u>SONAR MATERIAL</u>		
				1	Model NM Series Sounding Equipment	B	
				1	Model NK Series (Portable) Sounding Equipment	B	
	<u>RADAR MATERIAL</u>						
					<u>RCM MATERIAL</u>		
					None		

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

- e = For vessels in which 115 v.a.c. power is not available for radio equipment.
- + = One additional allowed when Air Search Radar Antenna does not include IFF Array.
- ++ = Substitute GCL - 211018 on AC Vessels.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	102B	III	1 October 1945	1 December 1945



FITTING - OUT  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
TRANSPORTS - ATTACK DIVISION FLAGSHIPS

TYPE  
APA

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS</u>			
1	Model OAA-2 Echo Box	B		6	Blades, hacksaw, type "B", 18 teeth	C	41B1163
1	Model OBU-2,3 Echo Box	B		6	Blades, hacksaw, type "B", 32 teeth	C	41B1164
1	Model OAP Series Frequency Meter	B		1	Chisel, machinists', hand, 1/4"	C	41C1052
1	Model TS-173/UR Frequency Meter	B		1	Chisel, machinists', hand, 3/8"	C	41C1062
1	Model TS-182/UP Frequency Meter	B		1	Cutter, circle 1" to 5-1/2", 1" round shank (Pawood #5 or equal)	C	-
1	Type 60-ABM Frequency Meter (for each MK 26)	B		1	Drill, hand 3/8" capacity	C	41D1828
1	Model OBL Series Cenciloscope	B		1	Drill, breast, 1/2" capacity	B	41D1663
1	Model TS-331/UR Signal Generator	B		1 Set	Drills, twist, carbon-steel, type "X"	B	41D1250
1	Model OZ Series Tube Tester	B		1	File, flat, 6"	C	41F870
1	Model OBQ Series VT Volt-Ohm Milliammeter	B		1	File, flat, 8"	C	41F872
5	Type 10223 Repair Kit	B		1	File, flat, 10"	C	41F874
1	Type 60007 C & R Bridge	B		1	Frame, hacksaw, adjustable	C	41F3390
1	Type 60089 VT Megohmmeter	B		1	Hammer, machinists', 1/2 lb.	C	41H521
				1	Iron, soldering, electric, light duty	B	41I688
				1	Iron, soldering, electric, medium duty	B	41I691
				1	Pliers, combination, slip-joint, 6"	C	41P1631
				1	Pliers, combination, slip-joint, 8"	C	41P1633
				1	Pliers, diagonal cutting, 4"	C	41P1710
				1	Pliers, diagonal cutting, 6"	C	41P1714
				1	Pliers, round nose, short, 4"	C	41P1910
				1	Pliers, round nose, short, 6"	C	41P1914
				1	Pliers, side cutting, flat nose, 6"	C	41P1974
				1	Pliers, side cutting, flat nose, 8"	C	41P1977
				1	Pliers, long nose, 6"	C	41T3185
				1	Screwdriver, common, 3" blade	C	41S1101
				1	Screwdriver, common, 4" blade	C	41S1102
				1	Screwdriver, common, 6" blade	C	41S1104
				1	Screwdriver, common, 8" blade	C	41S1106
				1	Screwdriver, common, 12" blade	C	41S1110
				1	Screwdriver, slim-shank, 6" blade	C	41S1156
				1	Screwdriver, Phillips, 3" blade #1 point	C41	41S1645-15
				1	Screwdriver, Phillips, 4" blade #2 point	C41	41S1645-20
				1	Screwdriver, Phillips, 8" blade #4 point	C41	41S1645-30
				1	Torch, gasoline, 1 quart	B	41T3645
				1	Vise, bench, 3" jaws, Class A	B	41V242
				1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000
				1	Wrench, open-end, 15" double-head, 5/8" & 3/4"	C	41W1008
				1	Wrench, open-end, 15" double-head, 3/4" & 13/16"	C	41W1012
				1	Wrench, open-end, 15" double-head, 7/8" & 15/16"	C	41W1019
				1	Wrench, open-end, 15" double-head, 1" & 1-1/8"	C	41W1024
				1 Set	Wrenches, socket, hollow-shank	B41	W2623-425
				1 Set	Wrenches, setscrew (Allen #604 or equal)	B	
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
003	Model TBY Series Portable Transmitting-Receiving Equipments	B					
001	Model TBX Series Portable Transmitting-Receiving Equipment	B					
2	Model TCY Series Portable Transmitting-Receiving Equipments	B					
5	Type 49016 Head Telephone Assemblies	B	16H3930				
1	Type 51018 Chest Microphone Assembly	B					
1	Type 51004C Hand Microphone Assembly	B					
012	Model SCR-610 Portable Transmitting-Receiving Equipments	B					
1	Model SCR-510 Portable Transmitting-Receiving Equipment	B					
#5	Model SCR-536 Ultra Portable Transmitting-Receiving Equipment	B					
2	Model OAH Series Code Practice Sets	B					
<u>MISCELLANEOUS SPARES</u>							
4	Type 61493 Suspension Insulators	C	16I12145				
1	Type 61481 Suspension Insulator	C	16I12130				
7	Type 61479 Suspension Insulator	C	16I12105				
4	Type 61019C Entrance Insulators	B	16I5951				
1	Type 61475 Entrance Insulators	B	16I5975				
2	Type 61175A Pedestal Insulators	B	16I9832				
3	Type 61339 Pedestal Insulators	C	16I9838				
4	Type 49016 Head Telephone Assemblies	B	16H3930				
300Ft.	7-#18 Bronze Antenna Wire	C	16W3740				
300Ft.	5/16" dia. (6x19) Bronze Wire Rope	C	22R200				
200Ft.	7/16" dia. (6x19) Bronze Wire Rope	C	22R210				
4	Type 61471 Entrance Insulators	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

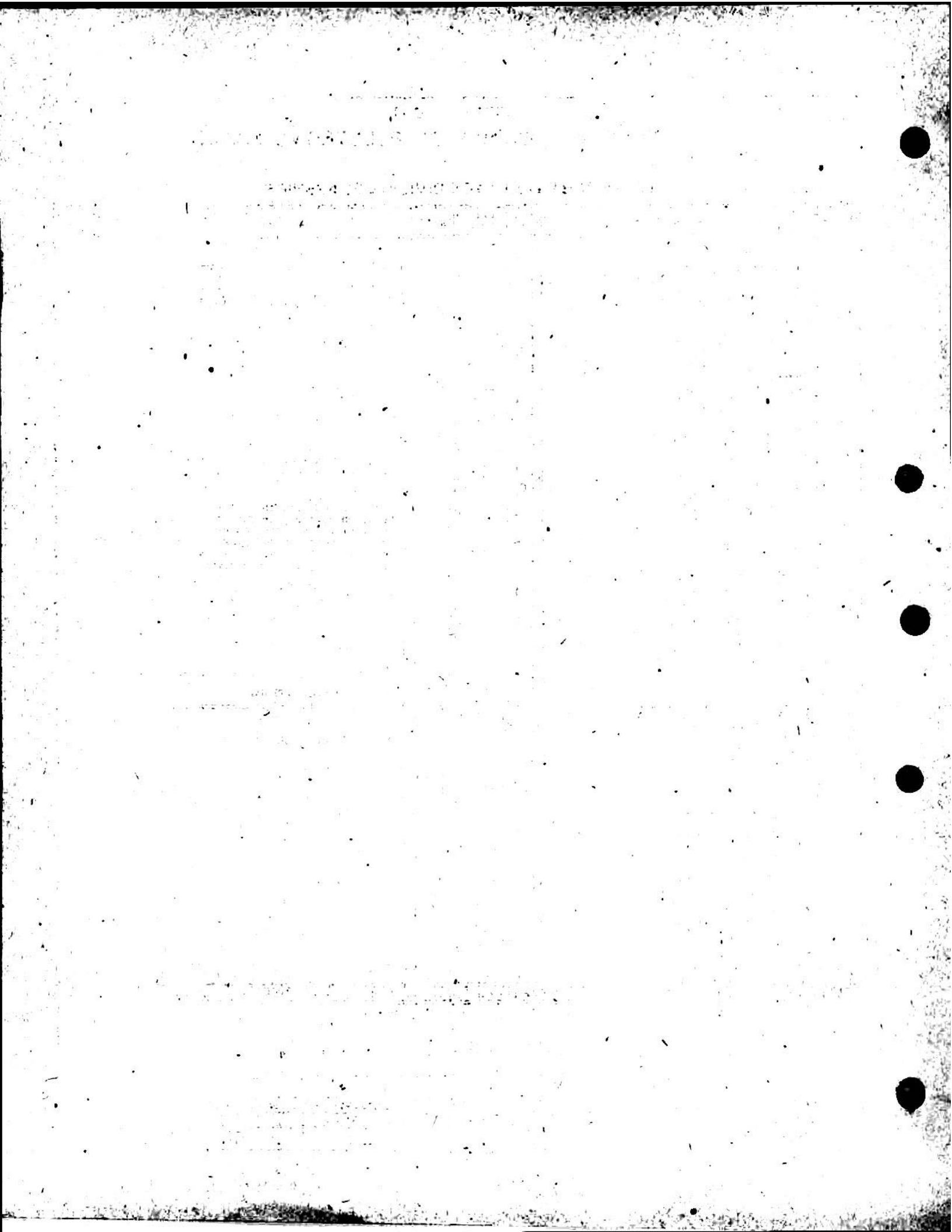
SPECIAL EXCEPTIONS AND REMARKS

- 00 - One unit assigned for exclusive use of Beach Party.
- 0 - Two units assigned for exclusive use of Beachmaster and one unit assigned for exclusive use of Boat Salvage Party.
- # - Four units assigned for exclusive use of Beachmaster one unit assigned for exclusive use of Boat Salvage Party.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	1 May 1945	III	102C	RE IIA 100







TYPE  
**APA**

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
AGC RELIEF, OR APA SQUADRON FLAGSHIPS**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
<u>PILOT HOUSE</u>				<u>SEARCH AND IFF RADAR</u>			
2	Type BC-606 Remote Control Units	B		1	Medium Air Search Radar	B	
2	Type 23135 Remote Control Units	B		1	Large Surface Search Radar(SGa or SG-1)	B	
3	Type 49546 Loudspeaker Units	B		1	Model BL or BM Series Interrogator-Responzor	B	
1	Type 23423 Radiophone Unit	B		1	Model BN Series Interrogator-Responzor	B	
1	Type 23270 Remote Control Unit	B		2	Model BK Series Transponzors	B	
1	Type 49620 Series Speaker Amplifier Units	B		#2	Type CTZ 66ACG or CTZ 66AFJ Antennas	B	
1	Model MBF Series Transmitting-Receiving Equipment	B		1	Type CCL - 211014 Motor Generator	B	
2	Type 51019 Hand Telephone Assembly	B		4	Type 6V-SBM-15AH Storage Batteries	B	
<u>OPEN BRIDGE</u>				# = One additional allowed where Air Search Radar Antenna does not include IFF array.			
1	Type 49518 Telephone Receptacles	B		<u>RADAR REPEATERS</u>			
2	Type 49546 Loudspeaker Unit	B		Stations listed in order of priority. Preference of model indicated by order of listing.			
1	Type 23423 Radiophone Unit	B		1	Model VF (CIC)	B	
1	Type 50210 Amplifier Unit	B		1	Model VG(or VG-1) (CIC)	B	
<u>CHART HOUSE</u>				1	Model VK(or VJ or VC-12" tube or VD)(CIC)	B	
1	Model DAS Series Loran Equipment	B		1	Model VK (or VF) (Flag Plot)	B	
1	Type 49029 Jackbox	B		1	Model VK (or VJ or VC-12" tube or VD) (Flag Plot)	B	
<u>ANTENNA SYSTEM</u>				1	Model VH (or VD or VG) (Pilot House)	B	
25*	Type 61493 Suspension Insulators	B		<u>FIRE CONTROL RADAR</u>			
15*	Type 61481 Suspension Insulators	B		1	Fire Control Radar Equipment Mark 26	B	
40*	Type 61479 Suspension Insulators	B		<u>SONAR MATERIAL</u>			
10*	Type 61019C Entrance Insulators	B		1	Model NM Series Sounding Equipment	B	
4*	Type 61475 Entrance Insulators	B		1	Model NK Series (Portable) Sounding Equipment	B	
20*	Type 61175A Pedestal Insulators	B		<u>RCM MATERIAL</u>			
15*	Type 61339 Pedestal Insulators	B		<u>ALLOWED IN AGC RELIEF ONLY</u>			
8	Type 61352 Antenna-Corona Caps	B		1	Model RDO Series Receiver	B	
10	Type 63288 Static-Leak Resistors(1/2 meg)	B		1	Model RDJ Series Pulse Analyzer	B	
9	Type 66053 Vertical Antenna	B		1	Model RDP Series Panoramic Adapter	B	
9	Type 61471 Entrance Insulators	B		1	Model AH/SPR-2 Receiver	B	
				1	Model DEM-1 D/F System	B	

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	103B	III	1 August 1945	1 December 1945

**FITTING OUT**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**AGC RELIEF, OR APA SQUADRON FLAGSHIPS**

**TYPE**  
**APA**

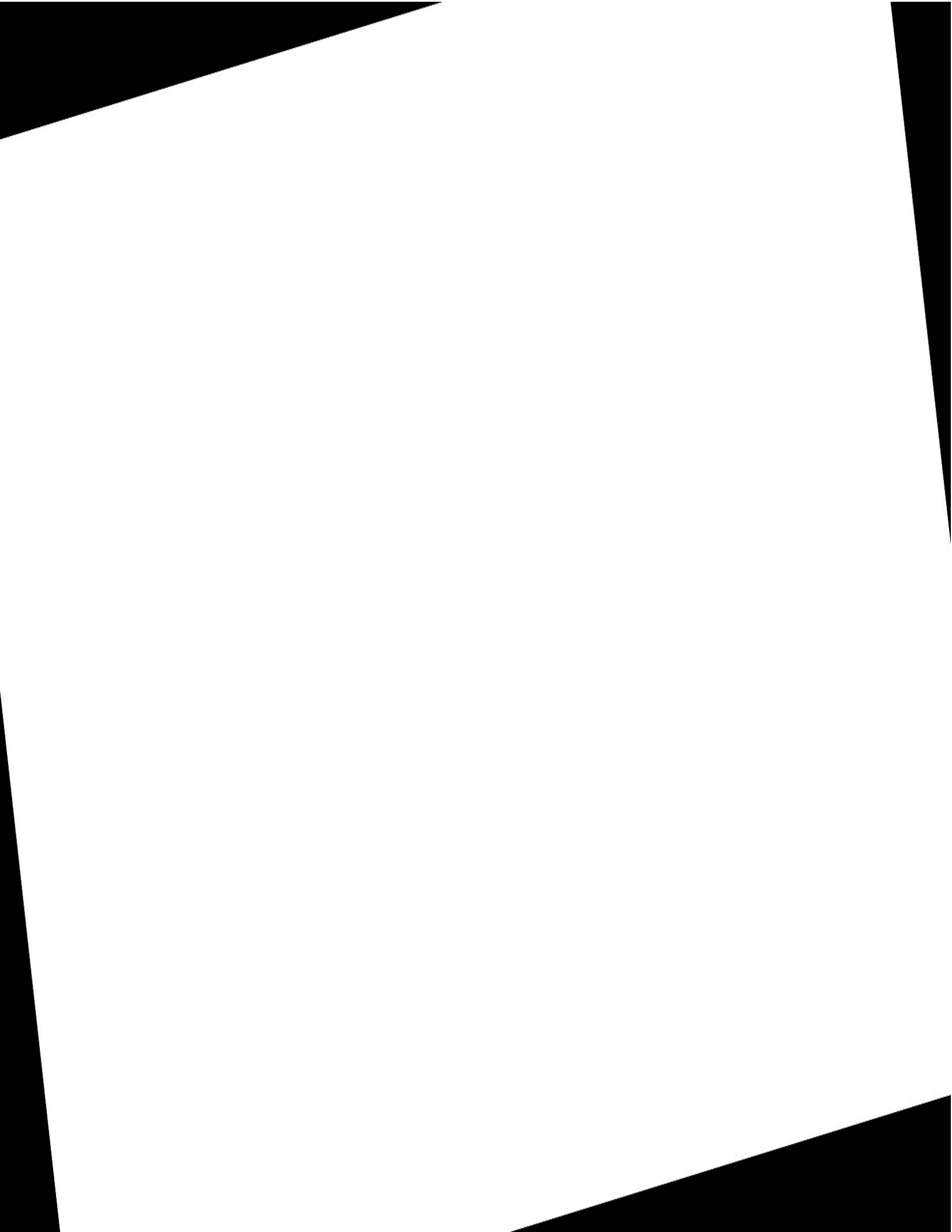
QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS</u>			
1	Model OAA-2 Echo Box	B		6	Blades, hacksaw, type "B" 18 teeth	C	41B1163
1	Model OBU-2, 3 Echo Box	B		6	Blades, hacksaw, type "B" 32 teeth	C	41D1164
1	Model LM Series Frequency Meter	B		1	Cutter, circle, 1" to 5-1/2" 1/2" round shank (Fawood #5 or equal)	C	
1	Model OAP Series Frequency Meter	B		1	Drill, hand, 3/8" capacity	C	41D1828
1	Model TS-173/UR Frequency Meter	B		1	Drill, breast, 1/2" capacity	B	41D1663
1	Model TS-182/UP Frequency Meter	B		1	Set, Drills, twist, Carbon-Steel Type K	B	40D1250
1	Type 60 ABM Frequency Meter (for each MK 26)	B		1	File, flat 6"	C	41F870
1	Model OBL Series Oscilloscope	B		1	File, flat 8"	C	41F872
1	Model TS-331/UR Signal Generator	B		1	File, flat 10"	C	41F874
1	Model OZ Series Tube Tester	B		1	Frame, hacksaw, adjustable	C	41F3390
1	Model OBC VT-Volt Ohm Milliammeter	B		1	Hammer, machinists, 1/2 lb.	C	41H521
5	Type 10223 Repair Kits	B		1	Iron, soldering, electric, light duty	B	41I688
1	Type 50007 C & R Bridge	B		1	Iron, soldering, electric, medium duty	B	41I691
1	Type 50089 VT Megohmmeter	B		1	Pliers, combination, slip-joint, 6"	C	41P1633
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>				<u>MISCELLANEOUS SPARES</u>			
3	Model TBY Series Portable Transmitting Receiving Equipments	B		1	Pliers, combination, slip-joint, 8"	C	41P1633
1	Model TBX Series Portable Transmitting-Receiving Equipments	B		1	Pliers, diagonal cutting, 4"	C	41P1710
2	Model TCY Series Portable Transmitting-Receiving Equipments	B		1	Pliers, diagonal cutting, 6"	C	41P1714
12	Model SCR-610 Portable Transmitting-Receiving Equipment	B		1	Pliers, round nose, short 4"	C	41P1910
1	Model SCR-510 Portable Transmitting-Receiving Equipment	B		1	Pliers, round nose, short 6"	C	41P1914
5	Model SCR-536 Portable Transmitting-Receiving Equipment	B		1	Pliers, side cutting, flat nose 6"	C	41P1974
2	Model OAH Series Code Practice Sets	B		1	Pliers, side cutting, flat nose 8"	C	41P1977
75	Type 49016 Head Telephone Assemblies	B		1	Pliers, long nose, 6"	C	41P1991
3	Type 51018 Chest Microphone Assemblies	B		1	Punch, center, 3/8"	C	41P3185
50	Type 51004C Hand Microphone Assemblies	B		1	Screwdriver, common 3" blade	C	41S1101
				1	Screwdriver, common 4" blade	C	41S1102
				1	Screwdriver, common 6" blade	C	41S1104
				1	Screwdriver, common 8" blade	C	41S1106
				1	Screwdriver, common 12" blade	C	41S1110
				1	Screwdriver, slim-shank, 6" blade	C	41S1156
				1	Screwdriver, Phillips 3" blade #1 Point	C	
				1	Screwdriver, Phillips 4" blade, #2 Point	C	
				1	Screwdriver, Phillips 8" blade, #4 Point	C	
				1	Torch, gasoline, 1 quart	B	41T3645
				1	Vise, bench, 3" jaws, Class A	B	41V242
				1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000
				1	Wrench, open-end, 15" double-head, 9/16" & 5/8"	C	41W1005
				1	Wrench, open-end, 15" double-head, 5/8" & 3/4"	C	41W1008
				1	Wrench, open-end, 15" double-head, 3/4" & 13/16"	C	41W1012
				1	Wrench, open-end, 15" double-head, 7/8" & 15/16"	C	41W1019
8	Type 61493 Suspension Insulator	B		1	Wrench, open-end, 15" double-head, 1" & 1-1/8"	C	41W1024
5	Type 61481 Suspension Insulator	B		1	Set Wrenches, socket, hollow-shank (Stevens "Spintite" #T-73 or equal)	B	
13	Type 61479 Suspension Insulator	B		1	Set Wrenches, setscrew, (Allen #604 or equal)	B	
4	Type 61019C Entrance Insulator	B					
2	Type 61475 Entrance Insulator	B					
5	Type 61175 Pedestal Insulator	B					
4	Type 61339 Pedestal Insulator	B					
2	Type 61352 Antenna Corona Caps	B					
3	Type 63288 Static-Leak Resistors (1/2meg)	B					
2	Type 66053 Vertical Antenna	B					
3	Type 61471 Entrance Insulators	B					
3	Type 61476 Insulator Bowl	B					
20	Type 49016 Head Telephone Assemblies	B					
15	Type 51004C Hand Microphone Assemblies	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 July 1945	1 June 1945	III	1030	RE IIA 100





INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**BARRACKS BARGES**

TYPE  
**APB**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<b><u>RADIO CENTRAL</u></b>				<b><u>ELSEWHERE</u></b>		
1	Model TDE Series Transmitting Equipment	B		10	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
1	Model TCS Series Transmitting Equipment	B		e2	Type 21521 Motor Generator Units	B	
1	Model RAO Series Receiving Equipment	B		# 2	Type 6V-38M 200AH Storage Batteries	B	
1	Model RBL Series Receiving Equipment	B					
1	Model RCO Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
1	Type 23436 Receiver Transfer Panel	B					
1	Type 23437 Transmitter Transfer Panel	B					
1	Type 23146 Key-Control Panel	B					
e1	Type 23156 Motor Generator Transfer Panel	B					
1	Type 49063 Jackbox	B	16B10010				
2	Type 49029 Jackboxes	B	16B10050				
	<b><u>PILOT HOUSE</u></b>				<b><u>RADAR MATERIAL</u></b>		
1	Type 23146 Key-Control Panel	B		+1	Small Surface Search Radar	B	
1	Type 23381 Remote Control Unit	B		1	Model BN Series Interrogator Responder	B	
1	Type 49029 Jackbox	B	16B10050	&1	Model BK Series Transponder	B	
1	Model MRF Series Transmitting/Receiving Equipment	B		2	Type CTZ-66AGG or CTZ-66AFJ Antennas	B	
				1	Type CGL - 211014 Motor Generator	B	
				4	Type 6V-38M-15AH Storage Batteries	B	17B9490
	<b><u>CHART HOUSE</u></b>						
1	Model DAS Series Loran Equipment	B					
1	Type 49029 Jackbox	B	16B10050				
	<b><u>ANTENNA SYSTEM</u></b>				<b><u>SONAR MATERIAL</u></b>		
2	Type 24206 Antenna Switches	B					
2	Type 28006A Receiver Protective Units	B	16P8800				
6*	Type 49120 Concentric Jacks	C	16J1200				
4*	Type 49123 Concentric Patchcord Assemblies	B		1	Model NJ Series Sounding Equipment	B	
2*	Type 61481 Suspension Insulators	C	16I12130				
2*	Type 61479 Suspension Insulators	C	16I12150				
4*	Type 61019C Entrance Insulators	C	16I5951				
6*	Type 61471 Entrance Insulators	C					
2	Type 63288 Static-Leak Resistors (1/2 meg.)	C	16R18225				
4	Type 61352 Anti-Corona Caps	B	16C4000				
§1	Type 66143 Antenna Assembly	B					
					<b><u>RCM MATERIAL</u></b>		
					None		

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

e = For Vessels in which 115 V.A.C. power is not available for radio equipment.  
 # = Allowed in APB 35-40.  
 + = SO-4 allowed in 35-40; SO-1 Allowed in 45-48.  
 & = One additional allowed in 45-48.  
 § = Allowed in APB 45-48.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	1 August 1945	III	105A	RE IIA 100

**TYPE**  
**APB**

**FITTING - OUT**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**( BARRACKS BARGES )**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Cont.)</u>			
1	Model OF Series Noise Locator	B		1	Hammer, machinists', 1/2 lb.	C	41H521
1	Model OZ Series Vacuum Tube Analyzer	B		1	Iron, soldering, electric, light duty	B	41I688
1	Type 60089 VT Mc ohmmeter	B		1	Iron, soldering, electric, medium duty	B	41I691
2	Type 60007 C & R Bridge	B		1	Pliers, combination, slip-joint, 6"	C	41P1631
2	Type 10223 Repair Kits	B		1	Pliers, combination, slip-joint, 8"	C	41P1633
1	Model OBL Oscilloscope	B		1	Pliers, diagonal cutting, 4"	C	41P1710
1	Model OGR Volt-ohm-milliammeter	B		1	Pliers, diagonal cutting, 6"	C	41P1714
1	Model OBQ Series Volt-Ohm-Milliammeter	B		1	Pliers, round nose, short, 4"	C	41P1910
				1	Pliers, round nose, short, 6"	C	41P1914
				1	Pliers, side cutting, flat nose, 6"	C	41P1974
				1	Pliers, side cutting, flat nose, 8"	C	41P1977
				1	Pliers, long nose, 6"	C	41P1991
				1	Punch, center, 3/8"	C	41T3185
				1	Screwdriver, common, 3" blade	C	41S1101
				1	Screwdriver, common, 4" blade	C	41S1102
				1	Screwdriver, common, 6" blade	C	41S1104
				1	Screwdriver, common, 8" blade	C	41S1106
				1	Screwdriver, common, 12" blade	C	41S1110
				1	Screwdriver, slim-shank, 6" blade	C	41S1156
				1	Screwdriver, Phillips 3" blade #1 point	C 41	W2623425
				1	Screwdriver, Phillips, 4" blade, #2 point	C 41	8164520
				1	Screwdriver, Phillips, 8" blade, #4 point	C 41	8164530
				1	Torch, gasoline, 1 quart	B	41T3645
				1	Vise, bench, 3" jaws Class A	B	41V242
				1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000
				1	Wrench, open-end, 15" double-head, 9/16" & 5/8"	C	41W1005
				1	Wrench, open-end, 15" double-head, 3/4" & 13/16"	C	41W1012
				1	Wrench, open-end, 15" double-head, 7/8" & 15/16"	C	41W1019
				1 set	Wrenches, socket, hollow-shank 1" & 1-1/8"	C	41W1024
				1 set	Wrenches, setscrew (Allen #604 or equal)	B 41	W2623425
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
2	Type 49016 Head Telephone Assemblies	B	16H3930				
1	Type 51004C Hand Microphone Assembly	B	16M2352				
1 set	Group "A" TCS Crystals	B					
<u>MISCELLANEOUS SPARES</u>							
1	Type 49016 Head telephone Assembly	B	16H3930				
1	Type 51004C Hand Microphone Assembly	B	16M2352				
1	Type 61481 Suspension Insulator	C	16I12130				
1	Type 61479 Suspension Insulator	C	16I12105				
1	Type 61019C Entrance Insulator	B	16I5951				
4	Type 61175A Pedestal Insulators	C	16I9832				
1	Type 61471 Entrance Insulator	C					
300	Ft. 7-#18 Bronze Antenna Wire	C	16W3740				
300	Ft. 5/16" dia. (6x19) Bronze Wire Rope	C	22R200				
<u>TOOLS</u>							
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Chisel, machinists', hand, 1/4"	C	41C1052				
1	Chisel, machinists', hand, 3/8"	C	41C1062				
1	Cutter, circle, 1" to 5-1/2", 1/2" round shank, (Pawood #5 or equal)	C					
1	Drill, hand 3/8" capacity	C	41D1828				
1	Drill, breast, 1/2" capacity	B	41D1663				
1 set	Drills, twist, carbon-steel, type "K"	B	40D1P50				
1	File, flat, 6"	C	41F870				
1	File, flat, 8"	C	41F872				
1	File, flat, 10"	C	41F874				
1	Frame, hacksaw, adjustable	C	41F3390				

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	105B	III	1 August 1945	1 November 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**COASTAL TRANSPORTS-SMALL**

TYPE
APc

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO ROOM</u>							
1	Model TDE Series Transmitting Equipment	B					
1	Model RAO Series Receiving Equipment	B					
1	Model RBL Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
1	Type 26012A Telegraph Key	C	16K1790				
1	Type 23156 Motor-Generator Transfer Panel	B					
2	Type 49029 Jackboxes	B	16B10050				
1	Type 49063 Jackbox	B	16B10010				
<u>PILOT HOUSE</u>							
1	Type 23381 Remote Control Unit	B			<u>RADAR MATERIAL</u>		
<u>ELSEWHERE</u>							
2	Type 21207A Motor-Generator Units or equal	B			<u>SEARCH AND IFF RADAR</u>		
				1	Model BK Series Transponders	B	
				1	Type CTZ 66ACG or CTZ 66AFJ Antenna	B	
				1	Type CCL - 211014 Motor Generator	B	
				4	Type 6V-8BM-15AR Storage Batteries	B	
<u>ANTENNA SYSTEM</u>							
3*	Type 61481 Suspension Insulators	C	16I12130				
6*	Type 61479 Suspension Insulators	C	16I12105				
3*	Type 61019C Entrance Insulators	B	16I5951				
5*	Type 61175A Pedestal Insulators	C	16I9832				
7*	Type 61471 Entrance Insulators	B					
1	Type 24206 Antenna Switch	B	16S10205				
3*	Type 49120 Concentric Jacks Assemblies	C	16J1200				
3*	Type 49123 Concentric Patchcord Assemblies	B			<u>SONAR MATERIAL</u>		
2	Type 63288 Static Leak Resistors (1/2 meg.)	C	16R18225	1	Model NJ Series Sounding Equipment	B	
2	Type 28006A Receiver Protective Units	B	16P8500				
<u>RCM MATERIAL</u>							
None							

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 June 1945	1 July 1944	III	106A	RE IIA 100

TYPE  
**APc**

FITTING - OUT  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
COASTAL TRANSPORTS-SMALL

186 - SHIPMAN

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Continued)</u>			
1	Model OZ Series Vacuum Tube Analyzer	B		1	Screwdriver, Phillips 3" blade #1 point	C 4	81645-15
2	Type 10223 Repair Kit	B		1	Screwdriver, Phillips, 4" blade #2 point	C 4	81645-20
				1	Screwdriver, Phillips, 8" blade #4 point	C 4	81645-30
				1 set	Wrenches, open-end, 22-1/2" double-head 1/4" to 1"	B	41W2100
				1 set	Wrenches, socket, hollow-shank	B 4	W2623-425
				1 set	Wrenches, setscrew, (Allen #604 or equal)	B	
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
1	Model TCY Series Transmitting-Receiving Equipment	B					
2	Type 51004C Hand Microphone Assemblies	B	16M2352				
3	Type 49016 Head Telephone Assemblies	B	16H3930				
1	Model OAH Series Code Practice Set	B					
<u>MISCELLANEOUS SPARES</u>							
1	Type 51004C Microphone	B	16M2352				
2	Type 49016 Head Telephone Assemblies	B	16H3930				
2	Type 61481 Suspension Insulators	C	16I12130				
4	Type 61479 Suspension Insulators	C	16I12105				
1	Type 61019C Entrance Insulator	B	16I5951				
2	Type 61175A Pedestal Insulators	C	16I9832				
2	Type 61471 Entrance Insulators	B					
400 Ft.	7-#18 Bronze Antenna Wire	C	16W3740				
<u>TOOLS</u>							
1	Drill, hand, 3/8" capacity	C	41D1828				
1	Iron, soldering, electric, light duty	B					
1	Frame, hacksaw, adjustable	C	41F3390				
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1 set	Drills, twist, carbon-steel, type "K"	B	40D1250				
1	Rule, multiple folding, wood	C	41R2844				
1	Hammer, machinists', 1/2 lb.	C	41H521				
1	File, flat, 6"	C	41F870				
1	Punch, center, 3/8"	C	41T3185				
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, side cutting, flat nose, 6"	C	41P1914				
1	Pliers, side cutting, flat nose, 6"	C	41P1974				
1	Pliers, long nose, 6"	C	41P1991				
1	Screwdriver, common, 3" blade	C	41S1101				
1	Screwdriver, common, 6" blade	C	41S1104				
1	Screwdriver, common, 8" blade	C	41S1106				
1	Screwdriver, slim-shank, 6" blade	C	41S1156				

RADIO DIVISION - BUREAU OF SHIPS

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	106B	III	1 July 1944	1 June 1945

20

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**HIGH SPEED TRANSPORTS-DESTROYERS**

TYPE  
**APD**  
 1-36

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO CENTRAL</u>				<u>ANTENNA SYSTEM</u>			
1	Model TBL Series Transmitting Equipment	B		2*	Type 61493 Suspension Insulators	C	16I12145
1	Model TBS Series Transmitting-Receiving Equipment	B		4*	Type 61481 Suspension Insulators	C	16I12130
1	Model TCS Series Transmitting-Receiving Equipment	B		12*	Type 61479 Suspension Insulators	C	16I12105
1	Model RBA Series Receiving Equipment	B		2*	Type 61019C Entrance Insulators	B	16I5951
1	Model RBB Series Receiving Equipment	B		2*	Type 61475C Entrance Insulators	B	16I5975
1	Model RBC Series Receiving Equipment	B		6*	Type 61471 Entrance Insulators	C	
1	Model RBO Series Receiving Equipment	B		12*	Type 61175A Pedestal Insulators	C	16I9832
1	Model LM Series Frequency Meter	B		10*	Type 61339 Pedestal Insulators	C	16I9838
1	Type 50064 Modulator Equipment	B		4	Type 61352 Anti-Corona Caps	B	
1	Type 23187 Receiver Transfer Panel	B		7	Type 61288 Static-Leak Resistors (1/2 meg.)	C	16R18225
1	Type 23199 Transmitter Transfer Panel	B		7	Type 28006A Receiver Protective Units	B	
1	Type 49063 Jackbox	B	16B100D	1	Type 24206 Antenna Switch	F	
3	Type 23146 Key-Control Panels	B		21*	Type 49120 Concentric Jacks	C	
1	Type 631023 Resistor, 3150 ohms, Style	C	16R18230	12*	Type 49123 Concentric Patchcord Assemblies	B	
2	Type 28002 Resistor Clips	C					
1	Type 23135 Control Unit	B					
1	Type 51019 Hand Telephone Assembly	B					
4	Type 49029 Jackboxes	B	16B100G				
1	Model SCR608 Transmitting-Receiving Equipment	B					
1	Model AN/ARC-1 Transmitting/Receiving Equipment	B		6	Type 49131 Series Speaker-Amplifier Units (Broadcast)	B	
				2	Type 211649 Motor Generators	B	
<u>EMERGENCY RADIO STATION</u>				<u>ELSEWHERE</u>			
1	Model TDE Series Transmitting Equipment	B					
1	Model RAO Series Receiving Equipment	B					
1	Model RBL Series Receiving Equipment	B					
1	Type 23436 Receiver Transfer Panel	B		1	Type 23135 Control Unit	B	
1	Type 23437 Transmitter Transfer Panel	B		1	Type 23146 Key Control Panel	B	
1	Type 23146 Key-Control Panel	B		2	Type 23211 Radiophone Unit	B	
1	Type 23381 Remote Control Unit	B		1	Type 49029 Jackbox	B	16B10050
2	Type 49029 Jackboxes	B	16B1009	1	Type 49620 Series Speaker-Amplifier Units	B	
				2	Type 49546 Loudspeaker Units	B	
				2	Type 51019 Hand Telephone Assembly	B	
				1	Model RBH Series Receiving Equipment	B	
<u>PILOT HOUSE</u>				<u>COMBAT INFORMATION CENTER</u>			
2	Type 49546 Loudspeaker Unit	B					
1	Type 23146 Key-Control Panel	B					
1	Type 49029 Jackbox	B	16B10050				
2	Type 23211 Radiophone Unit	B					
1	Type 23135 Control Unit	B					
1	Type 51019 Hand Telephone Assembly	B					
1	Type 49620 Series Speaker-Amplifier Unit	B					
<u>CHART HOUSE</u>							
1	Type 49029 Jackbox	B	16B10050				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 July 1945	III	107A	RE IIA 100



INSTALLATION

TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
HIGH SPEED TRANSPORTS-DESTROYERS

TYPE  
APD  
1-36

NAVSHIPS - 981

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
					<u>SEARCH AND IFF RADAR</u>		
				1	Medium Air Search Radar	B	
				1	Small Surface Search Radar	B	
				1	Model BL or BM Series Interrogator/ Responsor	B	
				2	Model BK Series Transponders	B	
				1	Model BN Series Interrogator/Responsor	B	
				*2	Type CTZ 66ACG or CTZ 66AFJ Antennas	B	
				1	Type CGL - 211014 Motor Generator	B	
				4	Type 6V-8BM-15AH Storage Batteries	B	
					<u>SONAR MATERIAL</u>		
					To retain Ranging Equipment presently installed unless beyond economical repair.		
				1	Model NM or NJ Series Sounding Equipment	B	
				1	Range Recorder	B	
					<u>RCM MATERIAL</u>		
					None		

RADIO DIVISION - BUREAU OF SHIPS

34

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

\* = One additional allowed where Air Search Radar Antenna does not include an IIF Array.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	107B	III	1 June 1945	1 December 1945



AMERICAN OVERSEAS AIRWAYS CORPORATION

MEMORANDUM FOR THE RECORD

AMERICAN OVERSEAS AIRWAYS CORPORATION

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**APD-37-86 (HIGH SPEED TROOP TRANSPORTS)**

TYPE  
**APD**  
**37-86**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<b><u>RADIO CENTRAL</u></b>				<b><u>PILOT HOUSE, SOUND HUT OR OPEN BRIDGE</u></b>		
1	Model TBL Series Transmitting Equipment	B		1	Type 23135 Control Unit	B	
1	Model TDE Series Transmitting Equipment	B		2	Type 23211 Radiophone Units	B	
1	Model TBS Series Transmitting Equipment	B		2	Type 49131 Series Speaker-Amplifier	B	
*1	Model TCS Series Transmitting Equipment	B		1	Type 51019 Hand Telephone Assembly	B	
1	Model RBA Series Receiving Equipment	B		x4	Type 49546 Weatherproof Loudspeaker Unit	B	
1	Model RBB Series Receiving Equipment	B					
1	Model RBC Series Receiving Equipment	B		x1	Model SCR 608 Transmitting-Receiving Equipment	B	
1	Model RAO Series Receiving Equipment	B					
1	Model RBL Series Receiving Equipment	B		x1	Model SCR 510 Transmitting-Receiving Equipment	B	
1	Model LM Series Frequency Meter	B					
1	Type 50064 Modulator Equipment	B					
1	Type 23135 Control Unit	B					
x2	Type 23146 Key-Control Panels	B					
x5	Type 49029 Jackboxes	B	16B10050		<b><u>ELSEWHERE</u></b>		
1	Type 23189 Receiver Transfer Panel	B		6	Type 49620 Series Speaker-Amplifier Units	B	
1	Type 23203 Transmitter Transfer Panel	B		1	Model RBC Series Receiving Equipment	B	
1	Type 49063 Jackbox	B	16B10010	1	Type 211649 Motor Generator	B	
1	Type 51019 Hand Telephone Assembly	C	16T700				
1	Type 631023 Resistor	R	16R18230				
2	Type 28002 Resistor Clips	C					
	<b><u>EMERGENCY RADIO STATION</u></b>				<b><u>ANTENNA</u></b>		
1	Model TCS Series Transmitting-Receiving Equipment	B		x2	Type 24206 Antenna Switches	B	16S10205
2	Type 6V-SBM-100AH Storage Batteries	B		5	Type 28006A Receiver Protective Units	B	
				23*	Type 49120 Concentric Jacks	C	16J1200
				10*	Type 49123 Concentric Patchcord Assemblies	B	
				11*	Type 61493 Suspension Insulators	C	16I12145
				10*	Type 61479 Suspension Insulators	C	16I12105
				#2	Type 61481 Suspension Insulators	C	16I12130
				2	Type 61019C Entrance Insulators	B	16I5951
				2	Type 61475 Entrance Insulators	B	
				w6	Type 61471 Entrance Insulators	B	
				\$4	Type 61175 Pedestal Insulators	C	16I9832
				12	Type 61389 Pedestal Insulators	C	16I9838
				2	Type 61352 Anti-Corona Caps	B	16C4000
				5	Type 63288 Static Leak Resistors	C	
				1	Type 66053 Whip-Type Antenna	B	
				1	Type 61428 Base Insulators	B	16I5045
	<b><u>COMBAT INFORMATION CENTER</u></b>						
1	Model TDQ Series Transmitting Equipment	B					
1	Model RCK Series Receiving Equipment	B					
1	Model RBS Series Receiving Equipment	B					
1	Type 23135 Control Unit	B					
1	Type 23146 Key-Control Panel	B					
1	Type 49029 Jackbox	B	16B10050				
2	Type 23423 Radiophone Units	B					
3	Type 49131 Series Speaker-Amplifier Units	B					
2	Type 49546 Loudspeaker Units	B					
1	Type 51019 Hand Telephone Assembly	B	16T700				
2	Type 51007 Hand Telephone Assemblies	B					
1	Model DAS Series Loran Equipment	B					
2	Type 24502 Rotary Selector Switch	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

- # = Flagships and relief flagships only.
- x = One additional for flagships and relief flagships.
- w = Two additional for flagships and relief flagships.
- \$ = Four additional for flagships and relief flagships.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 July 1945	III	108A	RE IIA 100

TYPE

INSTALLATION

APD  
37-86

**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
APD-37-86 (HIGH SPEED TROOP TRANSPORTS)**

QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
	<u>SEARCH AND IFF RADAR</u>						
1	Medium Air Search Radar	B					
1	Medium Surface Search Radar	B					
1	Model BL or BM Series Interrogator/ Responsor	B					
2	Model BK Series Transponders	B					
1	Model BN Series Interrogator/Responsor	B					
2	Type CTZ 66ACG or CTZ 66AFJ Antennas	B					
1	Type GCL 211018 Motor Generator	B					
4	Type 6X-SBM-15AH Storage Batteries	B					
	<u>RADAR REPEATERS</u>						
	Preference of model indicated by order of listing.						
1	Model VH (or VD)(Open Bridge)	B					
	<u>FIRE CONTROL RADAR EQUIPMENT</u>						
1	Fire Control Radar Equipment Mk 26	B					
	<u>SONAR MATERIAL</u>						
1	Model QCS/QCT Ranging Equipment	B					
1	Model NM Series Sounding Equipment or Model NJ Series Sounding Equipment	B					
1	Range Recorder	B					
	<u>RCM MATERIAL</u>						
	None						

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	108B	III	1 August 1945	1 December 1945





30177  
CSD  
10/10

NOV 10 1954

RECEIVED  
U.S. AIR FORCE  
HEADQUARTERS  
WASHINGTON, D.C.

TO: SAC, NEW YORK  
FROM: SAC, PHOENIX  
SUBJECT: [Illegible]

[The remainder of the page contains several paragraphs of extremely faint, illegible text, likely a memorandum or report.]

Very truly yours,  
[Illegible Signature]

[Illegible typed name]

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**APD - 87 - 139 (HIGH SPEED TROOP TRANSPORTS)**

<b>TYPE</b>
<b>APD</b>
<b>87-139</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO CENTRAL</u>				<u>OPEN BRIDGE</u>		
1	Model TBL Series Transmitting Equipment	B		1	Model SCR-510 Transmitting-Receiving Equipment	B	
1	Model TDE Series Transmitting Equipment	B		1	Type 6V-SBM-100 AH Storage Battery	B	
1	Model TBS Series Transmitting Receiving Equipment	B		4	Type 49546 Weather Proof Loudspeakers	B	
1	Model RBA Series Receiving Equipment	B		1	Type 49618 Handset Receptical	C	
1	Model RBB Series Receiving Equipment	B		1			
1	Model RBC Series Receiving Equipment	B					
1	Model RAO Series Receiving Equipment	B					
1	Model RBL Series Receiving Equipment	B					
1	Model RBO Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
1	Type 50064 Modulator Equipment	B			<u>PILOT HOUSE</u>		
1	Type 631023 Resistor	C	16R18230		Type 23423 Radiophone Units	B	
2	Type 28002 Resistor Clips	C	16C20023	2	Type 49620 Series Speaker-Amplifiers	B	
1	Type 23135 Control Unit	B		2	Type 51019 Hand Telephone Assembly	B	16T700
2	Type 23146 Key-Control Panels	B		1	Type 23135 Control Unit	B	
1	Type 23189 Receiver-Transfer Panel	B		1	Type 23146 Key-Control Panel	B	
1	Type 23203 Transmitter Transfer Panel	B		1	Type 49029 Jackbox	B	16B10050
1	Type 49063 Jackbox	B	16B10010				
5	Type 49029 Jackboxes	B	16B10050				
1	Type 51019 Hand Telephone Assembly	B	16T700				
	<u>EMERGENCY RADIO STATION</u>				<u>ELSEWHERE</u>		
1	Model TCS Transmitting-Receiving Equipment	B		1	Model TDQ Series Transmitting Equipment	B	
2	Type 6V-SBM-100 AH Storage Batteries	B	17B9533	6	Model ROK Series Receiving Equipment	B	
				1	Type 49620 Series Speaker Amplifiers	B	16B10050
				1	Type 49029 Jackbox	B	
	<u>COMBAT INFORMATION CENTER</u>				<u>ANTENNA SYSTEM</u>		
1	Model DAS Series Loran Equipment	B		2	Type 24206 Antenna Switches	B	16S10205
1	Model RBB Series Receiving Equipment	B		5	Type 28006A Receiver Protective Units	B	16B8800
1	Type 23135 Control Unit	B		5	Type 63288 Static Leak Resistors	C	16R18225
1	Type 23146 Key-Control Panel	B		1	Type 66053 Whip Antenna	B	
1	Type 49029 Jackbox	B	16B10050	1	Type 61428 Base Insulator	B	16I5045
3	Type 23423 Radiophone Units	B		2	Type 61352 Anti-Corona Caps	B	16C4000
2	Type 49546 Loudspeaker Unit	B		1	Type 61475 Entrance Insulator	B	
3	Type 49620 Series Speaker-Amplifier Units	B		12*	Type 61493 Suspension Insulators	C	16I12145
1	Type 51019 Hand Telephone Assembly	B		15	Type 61019C Entrance Insulators	C	16I5951
2	Type 51008 Hand Telephone Assembly	B		12*	Type 61479 Suspension Insulators	C	16I12105
1	Type 23270 Remote Control Unit	B		23*	Type 49120 Concentric Jacks	C	16J1200
2	Type 24502 Rotary Selector Switch	B		9*	Type 49123 Concentric Patchcords	B	
				12*	Type 61175 Pedestal Insulators	C	16I9832
				7*	Type 61339 Pedestal Insulators	C	16I9838
	<u>SOUND HUT</u>						
1	Model SCR-608 Transmitting-Receiving Equipment	B					
1	Type 211649 Motor Generators	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 August 1945	III	109A	RE IIA 100

TYPE  
**APD**  
 87-139

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
 FOR  
 HIGH SPEED TROOP TRANSPORTS**

QUANTITY	RADIC MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
					<u>SEARCH AND IFF RADAR</u>		
				1	Medium Air Search Radar	B	
				1	Medium Surface Search Radar	B	
				1	Model BL or BM Series Interrogator-Responder	B	
				2	Model BK Series Transponders	B	
				1	Model BN Series Interrogator-Responder	B	
				2	Type CTZ 66ACG or CTZ 66AFJ Antennas	B	
				1	Type CCL 211016 Motor Generator	B	
				4	Type 6V-SRM-15AH Storage Batteries	B	17B9490
					<u>RADAR REPEATERS</u>		
					Preference of model indicated by order of listing.		
				1	Model VH (or VD)(Open Bridge)	B	
					<u>SONAR MATERIAL</u>		
				1	Model QBF/QJA Ranging Equipment	B	
				1	Model NM Series Sounding Equipment or Model NJ Series Sounding Equipment	B	
				1	Range Recorder	B	
					<u>RCN MATERIAL</u>		
					None		

*QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

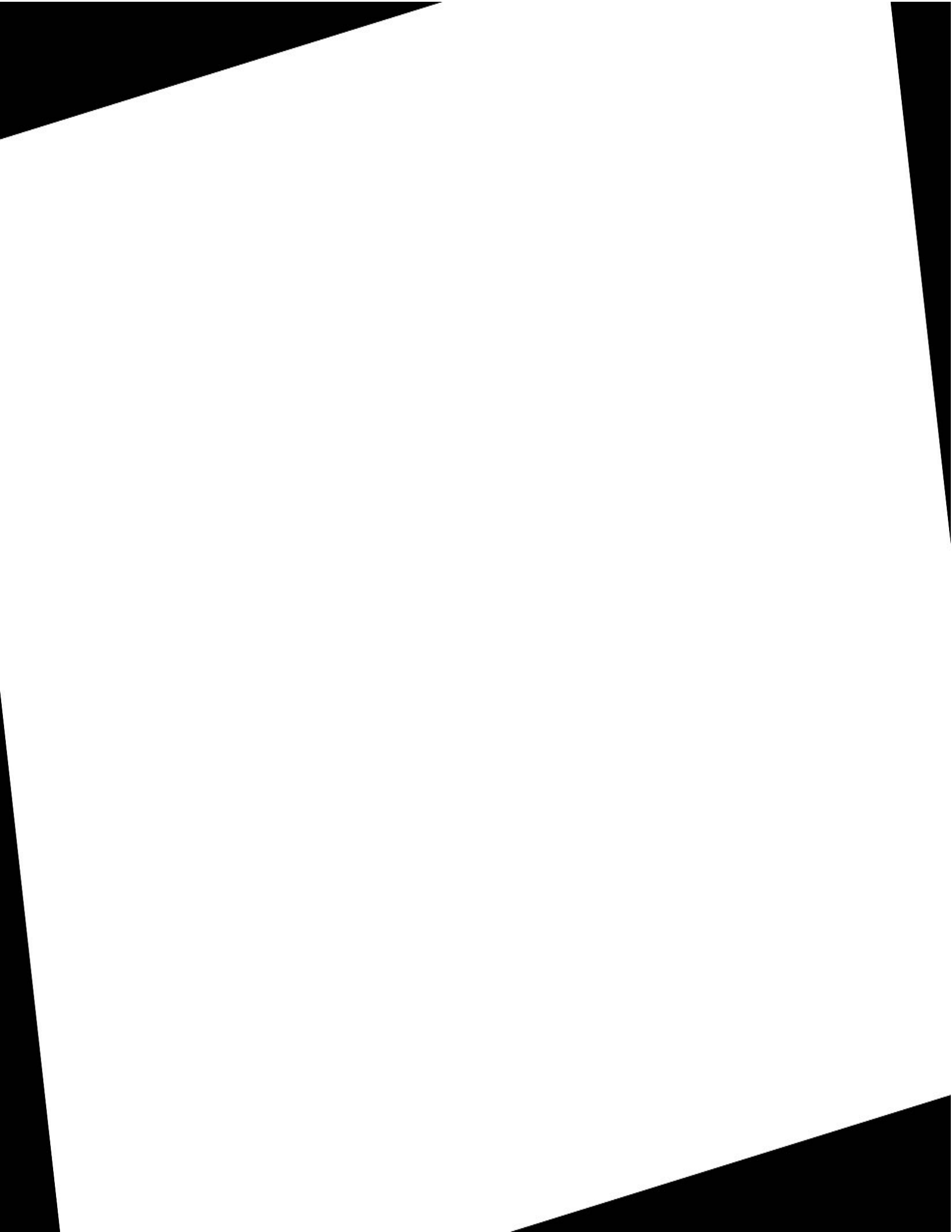
SPECIAL EXCEPTIONS AND REMARKS

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
<b>RE IIA 100</b>	109B	III	1 August 1945	1 December 1945







**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**APH- EVACUATION TRANSPORTS**

TYPE  
**APH**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO CENTRAL</u>				<u>PILOT HOUSE</u>			
ø2	Model TCS Series Transmitting-Receiving Equipment	B		1	Model 23135 Control Unit	B	
1	Model TBM Series Transmitting Equipment	B		1	Model SCR-508 Transmitting-Receiving Equipment	B	
1	Model TBK Series Transmitting Equipment	B		1	Model SCR-608 Transmitting-Receiving Equipment	B	
1	Model TBS Series Transmitting Equipment	B		1	Model ARC-1 or SCR-624 Transmitting-Receiving Equipment	B	
ø1	Model TDE Series Transmitting Equipment	B		1	Type 23423 Radiophone Unit	B	
1	Model RAK Series Receiving Equipment	F		1	Type 23146 Key Control Panel	B	16B10050
1	Model RAL Series Receiving Equipment	B		1	Type 49029 Jackbox	B	
ø1	Model RAO Series Receiving Equipment	B		2	Type 49546 Loudspeaker Units	B	16T700
ø1	Model RBL Series Receiving Equipment	B		1	Type 51019 Hand Telephone Assembly	B	
2	Model RBO Series Receiving Equipment	B		1	Type 50210 Amplifier Unit	B	
1	Model LM Series Frequency Meter	B		3	Type 211437 Motor Generator	B	
1	Model TCP Series Transmitting-Receiving Equipment	B		<u>CHART HOUSE</u>			
1	Model TDZ Series Transmitting Equipment	B		1	Model DAS Series Loran Equipment	B	16B10050
2	Model RDZ Series Receiving Equipment	B		1	Type 49029 Jackbox	B	
1	Type 23205 Radiophone Transfer Panel	B		<u>ANTENNA SYSTEM</u>			
1	Type 23135 Control Unit	B		1	Type 24206 Disconnect Switch	B	16P8800
ø2	Type 23146 Key-Control Panels	B		9	Type 28006A Receiver Protective Units	B	16J1200
1	Type 23187 Receiver Transfer Panel	B		28*	Type 49120 Concentric Jacks	C	
1	Type 23199 Transmitter Transfer Panel	B		12*	Type 49123 Concentric Patchcord Assemblies	B	
e2	Type 49029 Jackboxes	B	16B10050	8*	Type 61493 Suspension Insulators	C	16I12145
1	Type 49063 Jackbox	B	16B10010	2*	Type 61481 Suspension Insulators	C	16I12130
1	Type 51019 Hand Telephone Assembly	B		14*	Type 61479 Suspension Insulators	C	16I12105
1	Type 50194 Modulator Equipment	B		7*	Type 61019C Entrance Insulators	B	16I5951
<u>EMERGENCY RADIO STATION</u>				3*	Type 61475 Entrance Insulators	B	
1	Model TAJ Series Transmitting Equipment	B		10*	Type 61175A Pedestal Insulators	C	16I9832
1	Model RAK Series Receiving Equipment	B		14*	Type 61339 Pedestal Insulators	C	16I9838
1	Model RAL Series Receiving Equipment	B		6	Type 61352 Anti-Corona Caps	B	16C4000
1	Type 23146 Key-Control Panel	B		8	Type 63288 Static-Leak Resistors (1/2 megohms)	C	16R18225
1	Type 23190 Receiver Transfer Panel	B		7*	Type 61471 Entrance Insulators	B	
1	Type 23204 Transmitter Transfer Panel	B		1	Type 66095 Antenna Assembly	B	
1	Type 49063 Jackbox	B	16B10010	<u>ELSEWHERE</u>			
<u>COMBAT INFORMATION CENTER</u>				8	Type 49620 Series Speaker-Amplifier Units	B	
2	Model RBS Series Receiving Equipment	B					
1	Model RBK Series Receiving Equipment	B					
2	Type 24502 Selector Switch	B					
3	Type 23423 Radiophone Units	B					
1	Type 23146 Key Control Panel	B					
1	Type 23230 Remote Control Unit	B					
1	Type 23135 Remote Control Unit	B					
1	Type 50210 Amplifier Unit	B					
6	Type 49546 Loudspeakers	B					
1	Type 49029 Jackbox	B	16B10050				
1	Type 51019 Hand Telephone Assembly	B					
2	Type 51007 Hand Telephone Assembly	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

ø = One additional for Division flagships only.  
e = Two additional for Division flagships only.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 October 1945	III	110A	RE IIA 100

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 2px;">TYPE</td> </tr> <tr> <td style="text-align: center; font-size: 2em; padding: 10px;">APH</td> </tr> </table>	TYPE	APH	<p><b>INSTALLATION</b></p> <p><b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b></p> <p><b>FOR</b></p> <p><b>EVACUATION TRANSPORTS</b></p>
TYPE			
APH			

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
					<u>SEARCH AND IFF RADAR</u>		
				1	Medium Air Search Radar	B	
				1	Large Surface Search Radar	B	
				1	Model BL or BM Series Interrogator Responder	B	
				1	Model BN Series Interrogator Responder	B	
				2	Model BK Series Transponders	B	
				+2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B	
				1	Type CCL - 211014 Motor Generators	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
					<u>RADAR REPEATERS</u>		
				ø1	Standard Radar Repeater VH (or VD or VC) (Pilot House)	B	
					<u>SONAR MATERIAL</u>		
				1	Model NM Series Sounding Equipment	B	
					<u>RCM MATERIAL</u>		
					None		

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

- ø = Preference of model indicated by order of listing.
- + = One additional allowed when air search radar antenna does not include IFF Array.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	110B	III	1 October 1945	1 December 1945

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**EVACUATION TRANSPORTS**

TYPE
APH

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<u>TESTING EQUIPMENT</u>				<u>TOOLS</u>		
1	Model OAA-2 Echo Box	B		6	Blades, hacksaw, type "B", 18 teeth	C	41B1163
1	Model OBU-2,3 Echo Box	B		6	Blades, hacksaw, type "B", 32 teeth	C	41B1164
1	Model OAP Series Frequency Meter	B		1	Chisel, machinists', hand, 1/4"	C	41C1052
1	Model TS-173/UR Frequency Meter	B		1	Chisel, machinists', hand, 3/8"	C	41C1062
1	Model TS-182/UP Frequency Meter	B		1	Cutter, circle, 1" to 5-1/2", 1/2" round shank, (Pawood #5 or equal)	C	
1	Model OBL Series Oscilloscope	B		1	Drill, hand, 3/8" capacity	C	41D1828
1	Model LAF Series Signal Generator	B		1	Drill, breast, 1/2" capacity	B	41D1663
1	Model TS-331/UR Signal Generator	B		1 set	Drills, twist, carbon-steel, type "K"	B	40D1250
1	Model OZ Series Tube Tester	B		1	File, flat, 6"	C	41F870
1	Model OBQ Series VT Volt-Ohm Milliammeter	B		1	File, flat, 8"	C	41F872
4	Model 10223 Repair Kits	B		1	File, flat, 10"	C	41F874
				1	Frame, hacksaw, adjustable	C	41F3390
				1	Hammer, machinists', 1/2 lb	C	41H521
				1	Iron, soldering, electric, light duty	B	41I688
				1	Iron, soldering, electric, medium duty	B	41I691
				1	Pliers, combination, slip-joint, 6"	C	41P1631
				1	Pliers, combination, slip-joint, 8"	C	41P1633
				1	Pliers, diagonal cutting, 4"	C	41P1710
				1	Pliers, diagonal cutting, 6"	C	41P1714
				1	Pliers, round nose, short, 4"	C	41P1910
				1	Pliers, round nose, short, 6"	C	41P1914
				1	Pliers, side cutting, flat nose, 6"	C	41P1974
				1	Pliers, side cutting, flat nose, 8"	C	41P1977
				1	Pliers, long nose, 6"	C	41P1991
				1	Punch, center, 3/8"	C	41T3185
				1	Screwdriver, common, 3" blade	C	41S1101
				1	Screwdriver, common, 4" blade	C	41S1102
				1	Screwdriver, common, 6" blade	C	41S1104
				1	Screwdriver, common, 8" blade	C	41S1106
				1	Screwdriver, common, 12" blade	C	41S1110
				1	Screwdriver, slim-shank, 6" blade	C	41S1156
				1	Screwdriver, Phillips 3" blade #1 point	C41	S1645-15
				1	Screwdriver, Phillips 4" blade #2 point	C41	S1645-20
				1	Screwdriver, Phillips 8" blade #4 point	C41	S1645-30
				1	Torch, gasoline, 1 quart	B	41T3645
				1	Vise, bench Class A, 3" jaws	B	41V242
				1	Wrench, open-end, 15° double-head 7/16" & 1/2"	C	41W1000
				1	Wrench, open-end, 15° double-head 9/16" & 5/8"	C	41W1005
				1	Wrench, open-end, 15° double-head 5/8" & 3/4"	C	41W1008
				1	Wrench, open-end, 15° double-head 3/4" & 13/16"	C	41W1012
				1	Wrench, open-end, 15° double-head 7/8" & 15/16"	C	41W1019
				1	Wrench, open-end, 15° double-head 1" & 1-1/8"	C	41W1024
				1 set	Wrenches, socket, hollow-shank	C41	W2623-42
				1 set	Wrenches, setscrew, (Allen #604 or equal)	B	
	<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>						
#3	Model TBY Series Portable Transmitting-Receiving Equipments	B					
#2	Model TBX Portable Transmitting-Receiving Equipments	B					
2	Model TCY Portable Transmitting Equipments	B					
5	Type 49016 Hand Telephone Assemblies	B	16H3930				
1	Type 51018 Chest Microphone Assembly	B					
1	Type 51004C Hand Microphone Assembly	B					
#9	Model SCR 610 Portable Transmitting-Receiving Equipment	B					
4	Model SCR 536 Ultra Portable Transmitting-Receiving Equipment	B					
2	Model OAH Series Code Practice Set	B					
	<u>MISCELLANEOUS SPARES</u>						
4	Type 61493 Suspension Insulators	C	16I12145				
1	Type 61481 Suspension Insulator	C	16I12130	1 set			
7	Type 61479 Suspension Insulators	C	16I12105	1 set			
4	Type 61019C Entrance Insulators	B	16I5951				
1	Type 61475 Entrance Insulator	B					
2	Type 61175A Pedestal Insulators	C	16I9832				
3	Type 61339 Pedestal Insulators	C	16I9838				
4	Type 49016 Hand Telephone Assemblies	B	16H3930				
300Ft.	7-#18 Bronze Antenna Wire	C	16W3740				
300Ft.	5/16" dia. (6x19) Bronze Wire Rope	C	22R200				
200Ft.	7/16" dia. (6x19) Bronze Wire Rope	C	22R210				
4	Type 61471 Entrance Insulators	B					

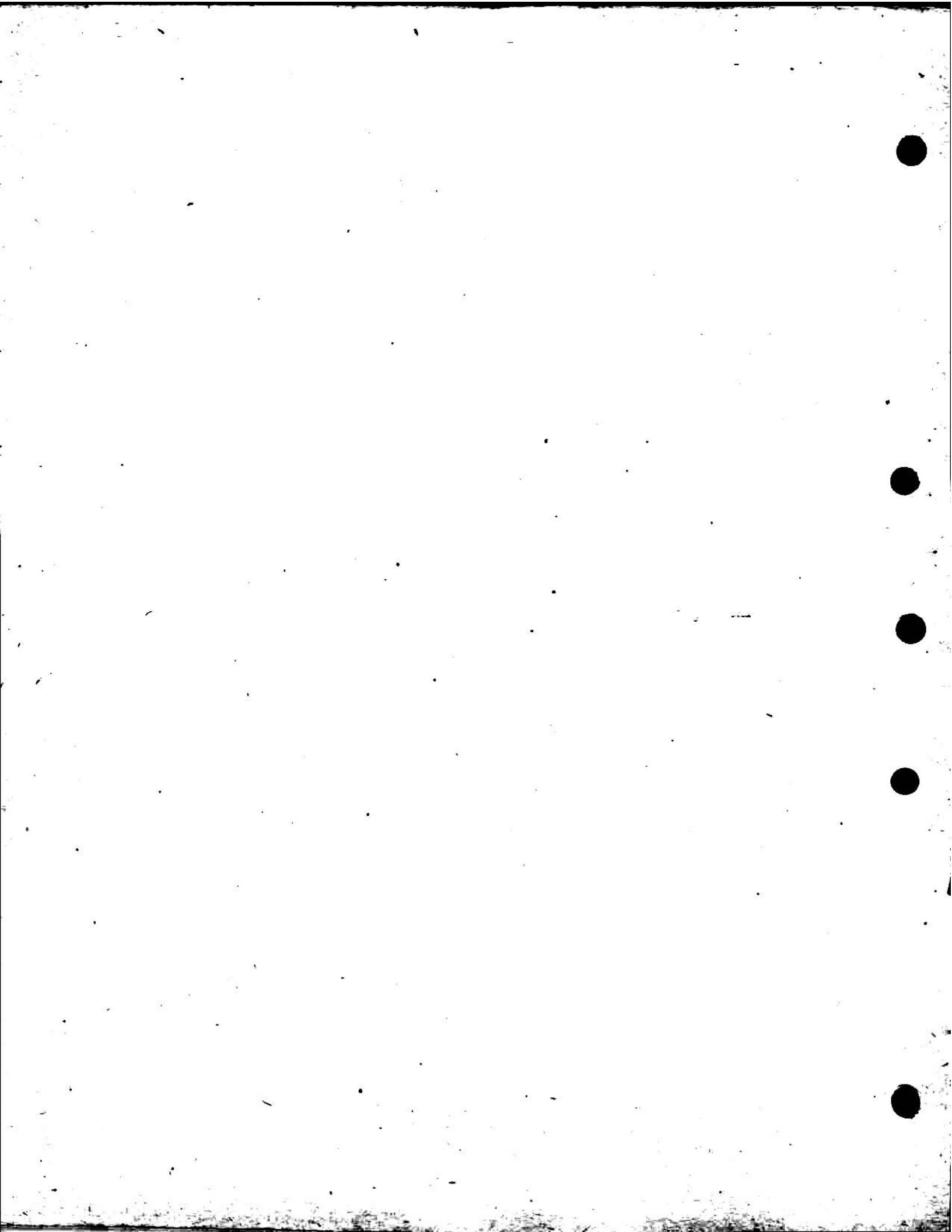
QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

# = One unit assigned for exclusive use of Beach Party.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDED SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	1 May 1945	III	110C	RE IIA 100





**INSTALLATION  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
BARRACKS SHIPS**

<b>TYPE</b>
<b>APL</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO ROOM</u>				None		
1	Model TCO Series Transmitting- Receiving Equipment	B					
2	Model RBO Series Receiving Equipments						
	<u>ELSEWHERE</u>						
10	Type 49620 Series Speaker-Amplifier Units						
	<u>ANTENNA SYSTEM</u>						
1	Type 24206 Antenna Switch	B					
2*	Type 61481 Suspension Insulators	C	10112130				
3*	Type 61175A Pedestal Insulators	C	1619832		SONAR MATERIAL		
2*	Type 61471 Entrance Insulators	B			None		
					RCM MATERIAL		
					None		

*QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

SPECIAL EXCEPTIONS AND REMARKS

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
11/19/55		III	112A	RE IIA 100

FITTING - OUT

TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
BARRACKS SHIPS

TYPE  
**APL**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>MISCELLANEOUS SPARES</u>							
2	Type 61481 Suspensor Insulators	C	16I12130				
1	Type 61175A Pedestal Insulator	C	16I9832				
1	Type 61471 Entrance Insulator	B					
50 ft.	7-#18 Bronze Antenna Wire	C	16W3740				
<u>TOOLS</u>							
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, Diagonal cutting, 6"	C	41P1714				
1	Screwdriver, Common, 3" blade	C	41S1101				
1	Screwdriver, Common, 8" blade	C	41S1106				
1	Screwdriver, slim-shank, 6" blade	C	41S1156				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	112B	III	1 MAY 1945	1 November 1945

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**REPAIR SHIPS**

**TYPE**  
**AR**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO CENTRAL</u>				<u>RADAR CONTROL STATION</u>		
2	Model RBA Series Receiving Equipments	B		1	Type 23146 Key-Control Panel	B	
1	Model RBB Series Receiving Equipment	B		1	Type 49029 Jackbox	B	16B10050
2	Model RBC Series Receiving Equipments	B					
2	Model RBO Series Receiving Equipments	B			<u>COMBAT INFORMATION CENTER</u>		
2	Model RDZ Series Receiving Equipments	B		1	Type 23423 Radiophone Unit	B	
1	Model TDZ Series Transmitting Equipment	B		1	Type 49546 Loudspeaker Unit	B	
1	Model LR Series Frequency Meter	B		1	Type 50210 Amplifier Unit	B	
		B		1	Type 23146 Key-Control Panel	B	
1	Type 23191 Receiver Transfer Panel	B		1	Type 49029 Jackbox	B	
1	Type 23200 Transmitter Transfer Panel	B		1	Type 49029 Jackbox	B	
10	Type 49029 Jackboxes	B	16B10050				
5	Type 23146 Key-Control Panels	B			<u>ELSEWHERE</u>		
				8	Type 49620 Series Speaker-Amplifier Unit (Broadcast)	B	
	<u>RADIO TRANSMITTER ROOM</u>				<u>ANTENNA SYSTEM</u>		
1	Model TAJ Series Transmitting Equipment	B		40*	Type 49120 Concentric Jacks	C	16J1200
1	Model TEK Series Transmitting Equipment	B		14*	Type 49123 Concentric Patchcord Assemblies	B	
1	Model TBL Series Transmitting Equipment	B		5	Type 28006A Receiver Protective Units	B	16P8800
1	Model RAK Series Receiving Equipment	B		5	Type 63288 Static-Leak Resistors, (1/2 meg.)	C	16R18225
1	Model RAL Series Receiving Equipment	B		8*	Type 61493 Suspension Insulators	C	16I12145
1	Model LM Series Frequency Meter	B		12*	Type 61479 Suspension Insulators	C	16I12105
1	Type 23190 Receiver Transfer Panel	B		11*	Type 61019C Entrance Insulators	B	16I5951
1	Type 23202 Transmitter Transfer Panel	B		11*	Type 61471 Entrance Insulators	B	
1	Type 23146 Key-Control Panel	B		3*	Type 61475 Entrance Insulators	B	
2	Type 28002 Resistor Clips	B	16C20023	3*	Type 61339 Pedestal Insulators	C	16I9838
1	Type 49063 Jackbox	B	16B10010	18*	Type 61352 Anti-Corona Caps	B	16C4000
1	Type 50064 Modulator Equipment	B		6	Type 66143 Antenna Assembly	B	
1	Type 50194 Modulator Equipment	B		1			
1	Type 631023 Resistor, 3150 ohms, Style E	B	16R18230				
	<u>CHART HOUSE</u>						
1	Model DAS Series Loran Equipment	B					
1	Type 49029 Jackbox	B	16B10050				
	<u>PILOT HOUSE</u>						
1	Model MBF Series Transmitting-Receiving Equipment	B					
1	Type 23146 Key-Control Panel	B					
2	Type 23423 Radiophone Unit	B					
1	Type 49029 Jackbox	B	16B10050				
3	Type 50210 Amplifier Units	B					
3	Type 49546 Loudspeaker Units	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

\* = Combat Information Center and equipment listed thereunder applicable to AR 13-16 only.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET, DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 October 1945	1 July 1945	III	130A	RE IIA 100

TYPE
AR

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**REPAIR SHIPS**

QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b>SEARCH AND IFF RADAR</b>							
1	Medium Air Search Radar	B					
1	Large Surface Search Radar	B					
1	Model BL or BM Series Interrogator Responder	B					
1	Model BN Series Interrogator Responder	B					
2	Model BK Series Transponders	B					
+2	Type CTZ-66AGG or CTZ-66AFJ Antennas	B					
+1	Type CCL - 211018 Motor Generators	B					
4	Type 6V-SBM-15AH Storage Batteries	B	17B949C				
<b>FIRE CONTROL RADAR EQUIPMENT</b>							
1	Fire Control Radar Equipment MK26	B					
41	Fire Control Radar Equipment MK12	B					
41	Fire Control Radar Equipment MK22	B					
<b>SONAR MATERIAL</b>							
1	Model NM Series Sounding Equipment	B					
1	Model NK Series (Portable) Sounding Equipment	B					
<b>RCM MATERIAL</b>							
None							

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

- \* = Allowed on AR 5, 6, 7.
- + = One Additional on vessels where air search radar antenna does not include IFF Array.
- ++ = Substitute CCL - 211014 on DC Vessels.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	130B	III	1 July 1945	1 October 1945

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**REPAIR SHIPS**

TYPE  
**AR**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<b>TESTING EQUIPMENT</b>				<b>MISCELLANEOUS EQUIPMENT AND MATERIAL</b>			
2	Model OAA-2 Echo Boxes	B		9	Type 49016 Head Telephone Assemblies	B	16H3930
1	Model OBU-2,3 Echo Box	B		1	Model OAH Series Code Practice Set	B	
1	Model TS-62/AP Echo Box	B					
1	Model TS-218/UP Echo Box	B					
1	Model TS-275/UP Echo Box	B					
1	Model TS-311/UP Echo Box	B					
1	Model AN/UPM-2 Frequency Meter	B					
2	Model OAP Series Frequency Meter	B					
1	Model TS-33/AP Frequency Meters	B		5	Type 49016 Head Telephone Assemblies	B	16H3930
1	Model TS-173/UR Frequency Meter	B		4	Type 61493 Suspension Insulators	C	16I12145
1	Model TS-182/UP Frequency Meter	B		6	Type 61479 Suspension Insulators	C	16I12105
1	Type 60-ABM Frequency Meter	B		1	Type 61019C Entrance Insulators	B	16I5951
2	Model OBL Series Oscilloscopes	B		3	Type 61234A Insulator Bowls	C	16I14025
1	Model OBT Series Oscilloscopes	B		3	Type 61470 Insulator Bowls	C	
1	Model TS-34A/UP, Synchrometer	B		1	Type 61471 Entrance Insulator	B	
1	Model TS-148/UP, Analyzer	B		1	Type 61475 Entrance Insulator	B	
1	Model LAE Series Signal Generator	B		4	Type 61339 Pedestal Insulators	C	16I9838
1	Model LAF Series Signal Generator	B		300 Ft	7-#18 Bronze Antenna Wire	C	16W3740
1	Model LO Series Signal Generator	B		300 Ft	5/16" dia. (6x19) Bronze Wire Rope	C	22R200
1	Model LP Series Signal Generator	B		300 Ft	7/16" dia. (6x19) Bronze Wire Rope	C	22R210
1	Model OGD Series Pulsar	B		1	Type 631023 Resistor, 3150 ohms Style E	C	16R18230
1	Model TS-35A/AP Signal Generator	B					
1	Model TS-202/U Harmonic Generator	B					
1	Model TS-331/UR Signal Generator	B					
1	Model 709B (RGA) Signal Generator	B					
1	Model OAW Series Tube Tester	B					
3	Model OZ Series Tube Tester	B					
1	Model AN/UPM-1b osc. WM. Scope	B					
1	Model AN/UPM-7 Test Kit	B					
2	Mark-2 Synoro. Tester	B					
1	Model OCV F.S. & Noise Meter	B		6	Blades, hacksaw, type "B", 18 teeth	C	41B1163
1	Model OAX Series Sonar Monitor	B		6	Blades, hacksaw, type "B", 32 teeth	C	41B1164
4	Model OBQ Series VT Volt-Ohm Milliammeter	B		1	Chisel, machinists', hand, 1/4"	C	41C1052
3	Model OCR Series Volt-Ohm Milliammeter	B		1	Chisel, machinists', hand, 3/8"	C	41C1062
1	Model OF Series Field Strength Meter	B		1	Cutter, circle, 1" to 5-1/2", 1/2" round shank (Pawood #5 or equal)	C	
1	Model OL Series Sonar Monitor	B		1	Drill, hand, 3/8" capacity	C	41D1828
1	Model TS-15A/AP Fluxmeter	B		1	Drill, breast, 1/2" capacity	B	41D1663
2	Model TS-89/AP Voltage Divider	B		1 set	Drills, twist, carbon-steel, type "K"	B	40D1250
1	Model TS-102/UP Range Calibrator	B		1	File, flat, 6"	C	41F870
2	Model TS-231/UP R.F. Load	B		1	File, flat, 8"	C	41F872
1	Model TS-358/UP Range Calibrator	B		1	File, flat, 10"	C	41F874
1	Model SU-SU-1 Antenna Service Kit	B		1	Frame, hacksaw, adjustable	C	41F3390
2	Model OGW Series Meggers	B		1	Hammer, machinists', 1/2 lb.	C	41H521
10	Type 10223 Repair Kits	B		1	Iron, soldering, electric, light duty	B	41I688
2	Type 60007 C & R Bridge	B		1	Iron, soldering, electric, medium duty	B	41I691
2	Type 60089 Volt Megohmmeter	B		1	Pliers, combination, slip-joint, 6"	C	41P1631
2	58 Measurements Corp. Noise M	B		1	Pliers, combination, slip-joint, 8"	C	41P1633
1	715 AE (Gen. Radio) Amplifier	B		1	Pliers, diagonal cutting, 4"	C	41P1710
1	Recorder Esterline Angus	B		1	Pliers, diagonal cutting, 6"	C	41P1714
3	Type 10498 Terminal Kits	B		1	Pliers, round nose, short, 4"	C	41P1910
1	Model LM Series Frequency Meter	B		1	Pliers, round nose, short, 6"	C	41P1914
				1	Pliers, side cutting, flat nose, 6"	C	41P1974
				1	Pliers, side cutting, flat nose, 8"	C	41P1977
				1	Pliers, long nose, 6"	C	41P1991
				1	Punch, center, 3/8"	C	41T3185
				1	Screwdriver, common, 3" blade	C	41S1101
				1	Screwdriver, common, 4" blade	C	41S1102
				1	Screwdriver, common, 6" blade	C	41S1104
				1	Screwdriver, common, 8" blade	C	41S1106
				1	Screwdriver, common, 12" blade	C	41S1110
				1	Screwdriver, slim-shank, 6" blade	C	41S1156
				1	Screwdriver, Phillips 3" blade #1 point	C	41S1645-15

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
-1 August 1945	1 May 1945	III	1300	RE IIA 100



<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">TYPE</td> </tr> <tr> <td style="text-align: center; font-size: 2em;">AR</td> </tr> </table>	TYPE	AR	FITTING - OUT <b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b> FOR <b>REPAIR SHIPS</b>
TYPE			
AR			

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<b>TOOLS (CONT'D)</b>							
1	Screwdriver, Phillips 4" blade #2 point	C 47	81645-20				
1	Screwdriver, Phillips 6" blade #4 point	C 47	81645-30				
1	Torch, gasoline, 1 quart	B	41T3645				
1	Vise, bench, 3" jaws, Class A	B	41V242				
1	Wrench, open-end, 15° double-head, 7/16" & 1/2"	C	41W1000				
1	Wrench, open-end, 15° double-head, 9/16" & 5/8"	C	41W1005				
1	Wrench, open-end, 15° double-head, 5/8" & 3/4"	C	41W1008				
1	Wrench, open-end, 15° double-head, 3/4" & 13/16"	C	41W1012				
1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41W1019				
1	Wrench, open-end, 15° double-head, 1" & 1-1/8"	C	41W1024				
1 set	Wrenches, socket, hollow-shank	B	41W2623-485				
1 set	Wrenches, setscrew (Allen #604 or equal)	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	130D	III	1 May 1945	1 August 1945

# TENDER TYPE ALLOWANCE OF ELECTRONIC MATERIAL FOR REPAIR SHIPS

TYPE
AR

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<b>TENDER SPARES</b>				<b>TENDER SPARES (CONT'D)</b>		
1	Model SCR-510 Series	Tender Spares	B	1	Model QCL 5/QCJ6 Tender Spares	B	
1	Model RDZ Series	Tender Spares	B	1	Model QCL7/QCJ8 Tender Spares	B	
1	Model BA Series	Tender Spares	B	1	Model QGA Tender Spares	B	
1	Model DAQ Series	Tender Spares	B	1	Model QGB Tender Spares	B	
1	Model DAS(1&3) Series	Tender Spares	B	1	Model QJB Tender Spares	B	
1	Model SC Series	Tender Spares	B	1	Model QCS/QCT Tender Spares	B	
1	Model MEF Series	Tender Spares	B	1	Model NJ-7 Tender Spares	R	
1	Model MN Series	Tender Spares	B	1	Model NJ-9 Tender Spares	B	
1	Model RAK Series	Tender Spares	B	1	Type 21806 Series Motor Gen. Tender Spares	B	
1	Model RAL Series	Tender Spares	B	1	Type 21807 Series Motor Gen. Tender Spares	B	
1	Model RAO Series	Tender Spares	B				
1	Model RAS Series	Tender Spares	B				
1	Model RBA Series	Tender Spares	B				
1	Model RBB Series	Tender Spares	B				
1	Model RBC Series	Tender Spares	B	5	Buzzers, High-Frequency, 1-1/2" dia. 2-4 V. Navy Type No. 10005		
1	Model RBB Series	Tender Spares	B	10	Capacitors, General Use, Fixed, Mica, 0.1 Capacity Navy Type 48164 - 5		
1	Model REK Series	Tender Spares	B	10	Capacitors, Paper, 0.1 Capacity, Navy Type 48197-A		
1	Model RBL Series	Tender Spares	B	10	Capacitors, Paper, 1.0 Capacity, Navy Type 48134-A		
1	Model RBO Series	Tender Spares	B	72	Cords, Telephone, Navy Standard, Unshielded Fabric covered, double, Navy Type 49012	C	16C35770
1	Model RCK Series	Tender Spares	B	72	Cords, Fabric, Single, Navy Type 49014	C	
1	Model RDK(REF) Series	Tender Spares	B	24	Cords, Rubber Covered, Double, Navy Type 49012-B	C	
1	Model REE Series	Tender Spares	B	24	Cords, Single, Navy Type 49014B		
1	Model TAJ Series	Tender Spares	B	10	Concentric Patchcord Assemblies Type 49123		
1	Model TBK/TBM Series	Tender Spares	B	24	Diaphragms, Headphone, Iron, 1-3/4"		
1	Model TBL Series	Tender Spares	B	25	Head-Bands, Telephone, Navy Type 49009	C	16H3800
1	Model TBS Series	Tender Spares	B	10	Headsets, Low Resistance, Navy Type 49016	B	16P4580
1	Model TCK Series	Tender Spares	B	25	Insulators, Entering, Single-Shell, 6-15/16", Type 61019C	B	16I5951
1	Model TPC Series	Tender Spares	B	48	Insulators, Entering, Single-Shell, 3-1/2" Navy Type 61024 A	B	
1	Model TCS Series	Tender Spares	B	25	Insulators, Stand-off, 4" Type 61175A	C	16I9832
1	Model TDE Series	Tender Spares	B	48	Insulators, Suspension, 7-1/2" Type 61024A		
1	Model TDB(ET8019A) Series	Tender Spares	B	48	Insulators, Suspension, 12-1/4" Navy Type 61013A		
1	Model TDQ Series	Tender Spares	B	24	Insulators, Suspension, 30" Type 61012B		
1	Model YE Series	Tender Spares	B	50	Insulators, Pedestal Type 61174B	C	16I9829
1	Model YG Series	Tender Spares	B	100	Insulators, Spacer, Type 61395A	C	16I9720
1	Type 50064 Modulator	Tender Spares	B	25	Insulators, Suspension, Type 61493	C	16I245
1	Model SG Series	Tender Spares	B	50	Insulators, Suspension, Type 61496	C	16I1210
1	Model SK Series	Tender Spares	B	25	Insulator Bowls, Type 61234A	C	16I1405
5	Model BK Equipments Complete		B	25	Insulator Bowls, Type 61476	C	16I1402
5	Type 66ACG or AFJ Antenna		B	25	Insulator, Entrance, Type 61475	B	16I5975
5	Type 50ACW Duplexer		B	25	Insulator, Pedestal, Type 61339	C	16I9838
1	Model SCR-508 Series	Tender Spares	B	25	Insulators, Entrance, Type 61471	C	
1	Model SCR-608 Series	Tender Spares	B	25	Insulator Bowls, Type 61470	C	
1	Model SCR-610 Series	Tender Spares	B	25	Jacks, 2 - Circuit with 4 Springs, Navy Type No. 49021 - A	C	16J3251
1	Model SCR-619 Series	Tender Spares	B	6	Jackboxes, Shielded, Navy Standard, Navy Type No. 49000		
1	Model SCR-536 Series	Tender Spares	B	10	Jackboxes, Unshielded, Navy Standard Navy Type No. 49029		16H10050
1	Model BU Series	Tender Spares	B	24	Keys, Telegraph, Legless - with Lever - 1/8" Navy Type No. 26001 - B		16K1790
1	Model VC Series	Tender Spares	B	48	Plugs, Telephone, Unshielded, Navy Type 49034		
1	Model VD Series	Tender Spares	B	5	Resistors, Ferrule-Mounted, 15 Ohms Navy Type 63114 D	C	16P4580
1	Model VF Series	Tender Spares	B				
1	Model VG Series	Tender Spares	B				
1	Model BK Series	Tender Spares	B				
1	Model BL Series	Tender Spares	B				
1	Model BN Series	Tender Spares	B				
1	Model NM-12 Tender Spares		B				
1	Model NM-13 Tender Spares		B				
1	Model NMB-1 Tender Spares		B				
1	Model NMC Tender Spares		B				
1	Model NMC-1 Tender Spares		B				
1	Model NMB-2 Tender Spares		B				
1	Model QDA Tender Spares		B				

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SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	10 July 1945	III	1308	RE IIA 100

TYPE

AR

# TENDER TYPE ALLOWANCE OF ELECTRONIC MATERIAL FOR REPAIR SHIPS

NAVSHIPS - 981

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<u>MISCELLANEOUS MATERIAL (CONT'D)</u>				<u>TOOLS</u>		
6	Resistors, Ferrule-Mounted, 15 Ohms, Navy Type 63002 D			1	Blower, portable, electric	B	17B21185
24	Resistors, Ferrule-Mounted, 90 Ohms, Navy Type 63185 D			12	Blades, hacksaw, type "B", 18 teeth	C	41B1163
5	Resistors, Ferrule-Mounted, 400 Ohms, Navy Type 63133 D			12	Blades, hacksaw, type "B", 32 teeth	C	41B1164
12	Resistors, Ferrule-Mounted, 500 Ohms, Navy Type 63070 D			2	Chisels, machinists', hand, 1/4"	C	41C1052
6	Resistors, Ferrule-Mounted, 1000 Ohms, Navy Type 63141 D			2	Chisels, machinists', hand, 3/8"	C	41C1062
5	Resistors, Ferrule-Mounted, 2000 Ohms, Navy Type 63079 D			2	Cutters, circle, 1" to 5-1/2", 1/2" round shank (Pawood #5 or equal)	C	-
6	Resistors, Ferrule-Mounted, 3000 Ohms, Navy Type 63145 D			1	Drill, portable, electric, 1/4" capacity	C	40D341
12	Resistors, Ferrule-Mounted, 5000 Ohms, Navy Type 63085 D			1	Drill, hand, 3/8" capacity	C	41D1828
12	Resistors, Ferrule-Mounted, 10000 Ohms, Navy Type 63154 D			1	Drill, breast, 1/2" capacity	B	41D1663
12	Resistors, Ferrule-Mounted, 10000 Ohms, Navy Type 63090 D			2 sets	Drills, twist, carbon-steel, type "K"	B	40D1250
6	Resistors, Ferrule-Mounted, 20000 Ohms, Navy Type 63219 D			1	Frame, hacksaw, adjustable	C	41F3390
6	Resistors, Ferrule-Mounted, 20000 Ohms, Navy Type 63159 D			2	Files, flat, 6"	C	41F870
6	Resistors, Ferrule-Mounted, 20000 Ohms, Navy Type 63059 D			2	Files, flat, 8"	C	41F872
12	Resistors, Ferrule-Mounted, 25000 Ohms, Navy Type 63267 E			2	Files, flat, 10"	C	41F874
500	Tape, Non-Blocking, Gummed, 3/8" 10055			1	Hammer, machinists', 1/2 lb.	C	41H521
10	Switches, S.P.S.T. Toggle, Type 24000	C	16B10735	1	Hammer, machinists', 1 lb.	C	41H523
5 lb	Solder, Wire, Rosin Core	C	468905	1	Iron, soldering, electric, light duty	B	41I688
500 ft	Transmission Line, Concentric RG/10V	C	16C2750	1	Iron, soldering, electric, medium duty	B	41I691
1000 ft	Wire, Bronze Antenna, 7-#18	C	16W3740	1	Iron, soldering, electric, heavy duty	B	41I685
500 ft	Wire Rope, Phosphor Bronze, 5/16" dia. (6x19)	C	22R200	2	Pliers, combination, slip-joint, 6"	C	41P1631
500 ft	Wire Rope, Phosphor Bronze, 7/16" dia. (6x19)	C	22R210	2	Pliers, combination, slip-joint, 8"	C	41P1633
5	Whip Antennas, Vertical, Type 66053	C		2	Pliers, diagonal cutting, 4"	C	41P1710
3	Antenna Assemblies (for Model TBS Series Eqt.), Type 66015	B		1	Pliers, electric, "Thermagrip #2"	B	41P1722
				1	Pliers, electric, "Thermagrip #5"	B	41P1723
				2	Pliers, diagonal cutting, 6"	C	41P1714
				2	Pliers, round nose, short, 4"	C	41P1910
				2	Pliers, round nose, short, 6"	C	41P1914
				2	Pliers, side cutting, flat nose, 6"	C	41P1974
				2	Pliers, side cutting, flat nose, 8"	C	41P1977
				2	Pliers, long nose, 6"	C	41P1991
				3	Pliers, Phone-Tip, Type 49112	B	16P
				2	Punches, center, 3/8"	C	41T3185
				1	Square, combination, 12"	C	41S4287
				1	Shears, hand, type "B"	C	41S2798
				1	Scriber, machinists', 9"	C	41S2030
				2	Screwdrivers, common, 7" blade	C	41S1101
				2	Screwdrivers, common, 4" blade	C	41S1102
				2	Screwdrivers, common, 6" blade	C	41S1104
				2	Screwdrivers, common, 8" blade	C	41S1106
				2	Screwdrivers, common, 12" blade	C	41S1110
				2	Screwdrivers, slim-shank, 6" blade	C	41S1156
				2	Screwdrivers, Phillips, 3" blade, #1 point	C	41S1645
				2	Screwdrivers, Phillips, 4" blade, #2 point	C	41S1645
				2	Screwdrivers, Phillips, 8" blade, #4 point	C	41S1645
				1	Torch, gasoline, 1 quart	B	41T3645
				1	Vise, bench, 3" Jaws, Class A	B	41V242
				1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000
				1	Wrench, open-end, 15" double-head, 9/16" & 5/8"	C	41W1005
				1	Wrench, open-end, 15" double-head, 5/8" & 3/4"	C	41W1008
				1	Wrench, open-end, 15" double-head, 3/4" & 13/16"	C	41W1012
				1	Wrench, open-end, 15" double-head, 7/8" & 15/16"	C	41W1019
				1	Wrench, open-end, 15" double-head, 1" & 1-1/8"	C	41W1024
				1 Set	Wrenches, open-end, 22-1/2" double-head, 1/4" to 1"	B	41W2100
				1 Set	Wrenches, socket, medium duty, 1/4" to 1"	B	41W2997
				1	Wrench, pipe, adjustable, 10"	C	41W1652
				2 Sets	Wrenches, socket, hollow-shank	B	41W2623
				1 Set	Wrenches, setscrew (Allen #604 or equal)	B	-

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SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	130F	III	10 July 1945	1 December 1945

RADIO DIVISION - BUREAU OF SHIPS

15  
20  
30

25

4





TYPE  
**ARB**

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
FOR  
**REPAIR SHIP - BATTLE DAMAGE**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<b>TESTING EQUIPMENT</b>				<b>MISCELLANEOUS SPARES (CONT'D)</b>			
2	Model OAA-2 Echo Boxes	B		5	Type 61175A Pedestal Insulators	C	1619832
1	Model OBU-2,3 Echo Box (for each SG)	B		300 Ft	5/16" Dia. (6x19) Bronze Wire Rope	C	22R200
1	Model TS-62/AP Echo Box	B		300 Ft	7-#18 Bronze Antenna Wire	C	16W3740
1	Model TS-218 UP Echo Box	B					
1	Model TS-275/UP Echo Box	B					
1	Model TS-311/UP Echo Box	B					
1	Model TS-33/AP Frequency Meter	B					
1	Model TS-173/UR Frequency Meter	B					
2	Model QBL Series Oscilloscope	B		6	Blades, hacksaw, type "B", 18 teeth	C	41B1163
1	Model OBT Series Oscilloscope	B		6	Blades, hacksaw, type "B", 32 teeth	C	41B1164
1	Model TS-34A/UP, Synoscopes	B		1	Chisel, machinists', hand, 1/4"	C	41C1052
1	Model TS-148/UP Analyzer	B		1	Chisel, machinists', hand, 3/8"	C	41C1062
1	Model LAE Series Signal Generator	B		1	Cutter, circle 1" to 5 1/2", 1/2" round shank (Pawood #5 or equal)	C	
1	Model LAF Series Signal Generator	B		1	Drill, hand, 3/8" capacity	C	41D1828
1	Model LAG Series Signal Generator	B		1	Drill, breast, 1/2" capacity	B	41D1663
2	Model LO Series Signal Generator	B		1 set	Drills, twist, carbon-steel, type "K"	B	40D1250
1	Model LP Series Signal Generators	B		1	File, flat, 6"	C	41F870
1	Model OGD Series Pulsar	B		1	File, flat, 8"	C	41F872
1	Model TS-35A/AP Signal Generator	B		1	File, flat, 10"	C	41F874
1	Model TS-202/U Harmonic Generator	B		1	Frame, hacksaw, adjustable	C	41F3390
1	Model TS-331/UR Signal Generator	B		1	Hammer, machinists', 1/2 lb.	C	41H521
1	Model 709B (RCA) Signal Generator	B		1	Iron, soldering, electric, light duty	B	41I688
1	Model OAW Series Tube Tester	B		1	Iron, soldering, electric, medium duty	B	41I691
3	Model OZ Series Tube Testers	B		1	Pliers, combination, slip-joint, 6"	C	41P1631
1	Model AN/UPM-1b OSC., WM Scope	B		1	Pliers, combination, slip-joint, 8"	C	41P1633
1	Model AN/UPM-7 Test Kit	B		1	Pliers, diagonal cutting, 4"	C	41P1710
2	Mark-2 Synchro Testers	B		1	Pliers, diagonal cutting, 6"	C	41P1714
1	Model OAX Series Sonar Monitor	B		1	Pliers, round nose, short, 4"	C	41P1910
1	Model OBQ Series VT Volt-Ohm Milliammeter	B		1	Pliers, round nose, short, 6"	C	41P1914
3	Model OGR Series Volt-Ohm Milliammeters	B		1	Pliers, side cutting, flat nose, 6"	C	41P1974
1	Model OF Series Field Strength Meter	B		1	Pliers, side cutting, flat nose, 8"	C	41P1977
1	Model TS-15A/AP Fluxmeter	B		1	Pliers, long nose, 6"	C	41P1991
2	Model TS-89/AP Voltage Divider	B		1	Punch, center, 3/8"	C	41T3185
1	Model TS-102/UP Range Calibrator	B		1	Screwdriver, common, 3" blade	C	41S1101
2	Type TS-231/UP RF Load	B		1	Screwdriver, common, 4" blade	C	41S1102
1	Model TS-358/UP Range Calibrator	B		1	Screwdriver, common, 6" blade	C	41S1104
1	Model SU-SU-1 Antenna Service Kit	B		1	Screwdriver, common, 8" blade	C	41S1106
2	Model OCW Series Meggers	B		1	Screwdriver, slim-shank, 6" blade	C	41S1156
6	Type 10223 Repair Kits	B		1	Screwdriver, common, 12" blade	C	41S1110
2	Type 60007 C & R Bridge	B		1	Screwdriver, Phillips 3" blade #1 point	C41	41S1645-15
2	Type 60089 VT Megohmmeter	B		1	Screwdriver, Phillips 4" blade #2 point	C41	41S1645-20
2	58 Measurements Corp. Noise M.	B		1	Screwdriver, Phillips 8" blade #4 point	C41	41S1645-30
2	Type 10498 Terminal Kit	B		1	Torch, gasoline, 1 quart	B	41T3645
				1	Vise, bench Class A, 3" jaws	B	41V242
				1	Wrench, open-end, 15° double-head 7/16" & 1/2"	C	41W1000
				1	Wrench, open-end, 15° double-head 9/16" & 5/8"	C	41W1005
1	Model OAH Series Code Practice Set	B		1	Wrench, open-end, 15° double-head, 5/8" & 3/4"	C	41W1008
3	Type 49016 Head Telephone Assemblies	B		1	Wrench, open-end, 15° double-head, 3/4" & 13/16"	C	41W1012
1 set	Group "A" TOS Crystals	B		1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41W1019
				1	Wrench, open-end, 15° double-head, 1" & 1-1/8"	C	41W1024
				1 set	Wrenches, socket, hollow-shank	B	41W2623-425
				1 set	Wrenches; setscrew, (Allen #604 or equal)	B	
2	Type 49016 Head Telephone Assemblies	B	16H3930	1 set			
2	Type 61481 Suspension Insulators	C	16112170	1 set			
3	Type 61479 Suspension Insulators	C	16112105				
3	Type 61471 Entrance Insulators	C					
1	Type 61019C Entrance Insulator	C					
<b>MISCELLANEOUS EQUIPMENT AND MATERIAL</b>							
<b>MISCELLANEOUS SPARES</b>							

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SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	131B	III	1 May 1945	1 August 1945



**TENDER  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
REPAIR SHIP - BATTLE DAMAGE**

**TYPE  
ARB**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TENDER SPARES</u>				<u>MISCELLANEOUS MATERIAL</u>			
1	Model SA Series Tender Spares	B		25	Type 24000 S.P.S.T. Toggle Switches	C	16910735
1	Model SC Series Tender Spares	B		20	Type 26012A Telegraph Keys	B	16K1790
1	Model SK Series Tender Spares	B		50	Type 49009 Head Telephone Bands	C	16H3800
1	Model SG Series Tender Spares	B		50	Type 49012 Head Telephone Cords	C	16C35770
1	Model THS Series Tender Spares	B		25	Type 49016 Head Telephone Assemblies	B	16H3970
1	Model RAK/RAL Series Tender Spares	B		50	Type 49021A Telephone Jacks	C	16J3251
1	Model THK Series Tender Spares	B		20	Type 49024 Jackboxes	B	16B10050
1	Model TBL Series Tender Spares	B		50	Type 49034 Telephone Plugs	C	16P4580
1	Model TDQ Series Tender Spares	B		10	Type 40063 Jackboxes	B	16B10010
1	Model RDZ Series Tender Spares	B		50	Type 49120 Concentric Jacks	C	16J1200
				25	Type 49123 Concentric Patchcord Assemblies	B	-
				20	Type 61407 Suspension Insulators	C	16I12145
				50	Type 61481 Suspension Insulators	C	16I12130
				50	Type 61470 Suspension Insulators	C	16I12105
				20	Type 61019B Entrance Insulators	B	16I5951
				16	Type 61022C Entrance Insulators	B	16I5975
				100	Type 61174B Pedestal Insulators	C	16I9829
				50	Type 61175A Pedestal Insulators	C	16I9832
				10	Type 61231A Insulator Bowls	C	16I14050
				25	Type 61234A Insulator Bowls	C	16I14025
				10	Type 61276A Entrance Insulators	B	616000
				10	Type 61277 Insulator Bowls	C	16I14020
				# 5	Type 61303 Entrance Insulators	C	16I6025
				100	Type 61339 Pedestal Insulators	C	16I9838
				300	Type 41395A Spacer Insulators	C	16I9720
				20	Type 61447 Entrance Insulator	C	
				25	Type 63266 Static-Leak Resistors (1/2 meg.)	C	16R18225
				10	Type 631023 Resistors, 3150 ohms, Style E	C	16R18230
				5	Type 66015 Antenna Assemblies	B	-
				10#	Solder, wire, rosin core	C	419905
				2000ft	7-#18 Bronze Antenna Wire	C	16W3740
				500	1/4" dia. (6x19) Bronze Wire Rope	C	22R195
				1000ft	5/16" dia. (6x19) Bronze Wire Rope	C	22R200
				1000ft	7/16" dia. (6x19) Bronze Wire Rope	C	22R210
				1000ft	3/8" O.D. Copper Concentric Transmission Line	C	16C2750
				40	Type 61471 Entrance Insulator	B	
				16	Type 61475 Entrance Insulator	B	
				25	Type 61470 Insulator Bowls	C	
				<u>TOOLS</u>			
				1	Flower, portable, electric	B	17B21185
				12	Blades, hacksaw, type "B", 18 teeth	C	41B1163
				12	Blades, hacksaw, type "B", 32 teeth	C	41B1164
				2	Chisels, machinists', hand, 1/4"	C	41C1052
				2	Chisels, machinists', hand, 3/8"	C	41C1062
				2	Cutters, circle, 3/4" to 6" (Stevens #T-564 or equal)	C	-
				1	Drill, portable, electric, 1/4" capacity	B	40D341
				1	Drill, hand, 3/8" capacity	C	41D1828
				1	Drill, breast, 1/2" capacity	B	41D1663
				2 sets	Drills, twist, carbon-steel, Type "K"	B	40D1250
				1	Frame, hacksaw, adjustable	C	41F3390

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

# = For submarine installation only

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
10 July 1945	1 May 1945	III	1310	RE IIA 100

TYPE  
ARB

TENDER  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
REPAIR SHIP - BATTLE DAMAGE

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	TOOLS (Continued)						
2	Files, flat, 6"	C	#1F870				
2	Files, flat, 8"	C	#1F872				
2	Files, flat, 10"	C	#1F874				
1	Hammer, machinists', 1/2 lb.	C	#1H521				
1	Hammer, machinists', 1 lb.	C	#1H523				
1	Iron, soldering, electric, light duty	B	#1I688				
1	Iron, soldering, electric, medium duty	B	#1I691				
1	Iron, soldering, electric, heavy duty	B	#1I685				
2	Pliers, combination, slip-joint, 6"	C	#1P1631				
2	Pliers, combination, slip-joint, 8"	C	#1P1633				
2	Pliers, diagonal cutting, 4"	C	#1P1710				
1	Pliers, electric, "Thermagrip #2"	B	#1P1722				
1	Pliers, electric, "Thermagrip #5"	B	#1P1723				
2	Pliers, diagonal cutting, 6"	C	#1P1714				
2	Pliers, round nose, short, 4"	C	#1P1910				
2	Pliers, round nose, short, 6"	C	#1P1914				
2	Pliers, side cutting, flat nose, 6"	C	#1P1974				
2	Pliers, side cutting, flat nose, 8"	C	#1P1977				
2	Pliers, long nose, 6"	C	#1P1991				
3	Pliers, phone-tip, Type #9112	B	#16P				
2	Punches, center, 3/8"	C	#1T3185				
1	Square, combination, 12"	C	#1S4527				
1	Shears, hand, type "B"	C	#1S2798				
1	Scriber, machinists', 9"	C	#1S2070				
2	Screwdrivers, common, 3" blade	C	#1S1101				
2	Screwdrivers, common, 4" blade	C	#1S1102				
2	Screwdrivers, common, 6" blade	C	#1S1104				
2	Screwdrivers, common, 8" blade	C	#1S1106				
2	Screwdrivers, common, 12" blade	C	#1S1110				
2	Screwdrivers, slim-shank, 6" blade	C	#1S1156				
1	Screwdriver, Phillips 3" blade #1 point	C	#1S164515				
2	Screwdrivers, Phillips 4" blade #2 point	C	#1S164520				
2	Screwdrivers, Phillips 8" blade #4 point	C	#1S164530				
1	Torch, gasoline, 1 quart	B	#1T3645				
1	Vise, bench, 3" jaws Class A	B	#1V242				
1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	#1W1000				
1	Wrench, open-end, 15" double-head, 9/16" & 5/8"	C	#1W1005				
1	Wrench, open-end, 15" double-head, 5/8" & 3/4"	C	#1W1008				
1	Wrench, open-end, 15" double-head, 3/4" & 13/16"	C	#1W1012				
1	Wrench, open-end, 15" double-head, 7/8" & 15/16"	C	#1W1019				
1	Wrench, open-end, 15" double-head, 1" & 1-1/8"	C	#1W1024				
1 set	Wrenches, open-end, 22-1/2" double-head 1/4" to 1"	B	#1W2100				
1 set	Wrenches, socket, medium duty, 1/4" to 1"	B	#1W2997				
1	Wrench, pipe, adjustable, 10"	C	#1W1652				
2 sets	Wrenches, socket, hollow-shank	B	#1W23425				
2 sets	Wrenches, setscrew (Allen #604 or equal)	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	131D	III	1 May 1945	10 July 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**FLOATING DRYDOCKS**

TYPE
<b>ARD</b>
<b>33</b>
<b>CLASS</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
n	<u>RADIO ROOM</u>				<u>SEARCH AND IFF RADAR</u>		
1	Model TCO Series Transmitting-Receiving Equipment	B			None		
1	Model RBC Series Receiving Equipment	B					
	<u>CONTROL ROOM</u>						
1	Model MBF Series Transmitting-Receiving Equipment (Installed in Pilot House when Dock is under tow)	B					
	<u>ELSEWHERE</u>						
3	Model TBY Series Transmitting-Receiving Equipment	B			None		
5	Type 49620 Series Speaker-Amplifier Units	B					
	<u>ANTENNA SYSTEM</u>						
1	Type 24206 Antenna Switch	B					
1	Type 28006A Receiver Protective Unit	B					
*3	Type 61481 Suspension Insulators	B					
*3	Type 61479 Suspension Insulators	B					
*3	Type 61175A Pedestal Insulators	B					
2	Type 61471 Entrance Insulators	B					
1	Type 63288 Static Leak Resistors(1/2meg)	B					
*2	Type 49120 Concentric Jacks	B					
1	Type 49123 Concentric Patchcord Assembly	B			None		

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 October 1945		III	133A	RE IIA 100

TYPE  
**ARD**  
**33**  
 CLASS

FITTING - OUT  
 TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
 FOR  
 FLOATING DRYDOCKS

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>							
1	Model OZ Series Vacuum Tube Analyzer	B					
1	Type 10223 Repair Kit	B					
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
2	Type 49016 Head Telephone Assembly	B					
<u>MISCELLANEOUS SPARES</u>							
1	Type 49016 Head Telephone Assembly						
2	Type 61481 Suspension Insulators						
2	Type 61479 Suspension Insulators						
1	Type 61175A Pedestal Insulator						
1	Type 61471 Entrance Insulator						
150 ft	7-#18 Bronze Antenna Wire						

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	133B	III		1 October 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**FLOATING DRYDOCKS**

TYPE
<b>ARD</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b><u>RADIO ROOM</u></b>							
1	Model TDE Series Transmitting Equipment	B					
1	Model RAO Series Receiving Equipment	B					
1	Model RBL Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
1	Type 26012A Telegraph Key	B	16K1790				
2	Type 49029 Jackboxes	B	16B10050				
1	Model RBO Series Receiving Equipment	B					
<b><u>ANTENNA SYSTEM</u></b>							
1	Type 24206 Antenna Switch	B	16B10205				
3	Type 28006A Receiver Protective Units	B	16P8800				
7*	Type 49120 Concentric Jacks	C	16J1200				
3*	Type 49123 Concentric Patchcord Assemblies	B					
3*	Type 61481 Suspension Insulators	C	16I12130				
2*	Type 61479 Suspension Insulators	C	16I12150				
5*	Type 61019C Entrance Insulators	B	16I5951				
3*	Type 61175A Pedestal Insulators	C	16I9832				
3	Type 61471 Entrance Insulators	B					
3	Type 63288 Static Leak Resistor (1/2 meg.)	C	16R18225				
<b>RADAR MATERIAL</b>							
3	Type 49620 Series Speaker-Amplifier Units	B			None		
<b>NAVIGATING BRIDGE</b>							
1	Model MBF Series Transmitting/Receiving Equipment	B					
<b>SONAR MATERIAL</b>							
					None		
<b>RCM MATERIAL</b>							
					None		

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	1 June 1945	III	134A	RE IIA 100



TYPE  
**ARD**

FITTING - OUT  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
FLOATING DRYDOCKS

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Continued)</u>			
1	Model OZ Series Vacuum Tube Analyzer	B		1 set	Wrenches, open-end, 22-1/2" double-head	B	41W2100
2	Type 10223 Repair Kit	B		1 set	Wrenches, socket, hollow-shank	B	41W2623-425
				1 set	Wrenches, setscrew (Allen #604 or equal)	B	
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
2	Type 49016 Head Telephone Assemblies	B	16H3930				
1	Type 51004C Hand Microphone Assembly	B	16M2352				
1	Model OAH Series Code Practice Set						
<u>MISCELLANEOUS SPARES</u>							
1	Type 51004C Hand Microphone Assembly	B	16M2352				
1	Type 49016 Head Telephone Assembly	B	16H3930				
2	Type 61461 Suspension Insulators	C	16I12130				
3	Type 61479 Suspension Insulators	C	16I12105				
1	Type 61175A Pedestal Insulator	C	16I9832				
1	Type 61019C Entrance Insulator	B	16I5951				
1	Type 61471 Entrance Insulator	B					
150 ft.	7-#18 Bronze Antenna Wire	C	16W3740				
<u>TOOLS</u>							
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "J", 32 teeth	C	41B1164				
1	Drill, hand, 3/8" capacity	C	41D1828				
1 set	Drills, twist, carbon-steel, type "K"	B	40D1250				
1	File, flat, 6"	C	41F870				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists, 1/2"	C	41H521				
1	Iron, soldering, electric, light duty	B	41I688				
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, round nose, short, 6"	C	41P1914				
1	Pliers, side cutting, flat nose, 6"	C	41P1974				
1	Pliers, long nose, 6"	C	41P1991				
1	Punch, center, 3/8"	C	41T3185				
1	Rule, multiple folding, wood	C	41F2844				
1	Screwdriver, common, 3/4" blade	C	41S1101				
1	Screwdriver, common, 6" blade	C	41S1104				
1	Screwdriver, common, 8" blade	C	41S1106				
1	Screwdriver, slim-shank, 6" blade	C	41S1156				
1	Screwdriver, Phillips, 3" blade, #1 point	C	41S1645-15				
1	Screwdriver, Phillips, 4" blade, #2 point	C	41S1645-20				
1	Screwdriver, Phillips, 6" blade, #4 point	C	41S1645-30				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	134B	III	1 June 1945	1 August 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**REPAIR SHIPS - ENGINE**

TYPE
ARG

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<b><u>RADIO CENTRAL</u></b>				<b><u>ELSEWHERE</u></b>		
2	Model RBA Series Receiving Equipments	B		8	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
1	Model RBB Series Receiving Equipment	B					
2	Model RBC Series Receiving Equipments	B					
2	Model RBO Series Receiving Equipments	B					
2	Model RDZ Series Receiving Equipments	B					
1	Model LR Series Frequency Meter	B					
1	Model TDZ Series Transmitting Equipment	B			<b><u>ANTENNA SYSTEM</u></b>		
1	Type 23200 Transmitter Transfer Panel	B		5	Type 28006A Receiver Protective Units	B	16P8800
5	Type 23146 Key-Control Panels	B		40*	Type 49120 Concentric Jacks	C	16J1200
1	Type 23191 Receiver Transfer Panel	B		14*	Type 49123 Concentric Patchcord Assemblies	B	
10	Type 49029 Jackboxes	B	16B10050	5	Type 63288 Static-Leak Resistors (1/2 meg.)	C	16R18225
				8*	Type 61493 Suspension Insulators	C	16I12145
				12*	Type 61479 Suspension Insulators	C	16I12105
				5*	Type 61019C Entrance Insulators	B	16I5951
				3*	Type 61475 Entrance Insulators	B	
				18*	Type 61339 Pedestal Insulators	C	16I9838
				6	Type 61352 Anti-Corona Caps	B	16C4000
				11*	Type 61471 Entrance Insulators	B	
				1	Type 66143 Antenna System		
	<b><u>RADIO TRANSMITTER ROOM</u></b>				<b><u>RADAR MATERIAL</u></b>		
1	Model TAJ Series Transmitting Equipment	B			<b><u>SEARCH AND IFF RADAR</u></b>		
1	Model TTK Series Transmitting Equipment	B		1	Medium Air Search Radar	B	
1	Model TBL Series Transmitting Equipment	B		1	Large Surface Search Radar	B	
1	Model RAK Series Receiving Equipment	B		1	Model BL or BM Series Interrogator-Responder	B	
1	Model RAL Series Receiving Equipment	B		1	Model BN Series Interrogator-Responder	B	
1	Model LM Series Frequency Meter	B		2	Model BK Series Transponders	B	
1	Type 23146 Key-Control Panel	B		2	Type CT2-66ACG or CT2-66AFJ Antennas	B	
1	Type 23190 Receiver Transfer Panel	B		1	Type CCL - 211014 Motor Generators	B	
1	Type 23202 Transmitter Transfer Panel	B		3	Type 6V-38M-15AH Storage Batteries	B	17B9490
2	Type 28002 Resistor Clips	C	16C20023		<b><u>FIRE CONTROL RADAR EQUIPMENT</u></b>		
1	Type 49063 Jackbox	B	16B10010	7	Fire Control Radar Equipment Mk 26	B	
1	Type 50064 Modulator Equipment	B					
1	Type 50194 Modulator Equipment	B			<b><u>SONAR MATERIAL</u></b>		
1	Type 631023 Resistor, 3150 ohms, Style Z	C	16R18230	1	Model NM Series Sounding Equipment	B	
				1	Model NK Series (Portable) Sounding Equipment	B	
	<b><u>CHART HOUSE</u></b>				<b><u>RCM MATERIAL</u></b>		
1	Model DAS Series Loran Equipment	B			None		
1	Type 49029 Jackbox	B	16B10050				
	<b><u>PILOT HOUSE</u></b>						
1	Model MBF Series Transmitting-Receiving Equipment	B					
1	Type 23146 Key-Control Panel	B					
2	Type 23423 Radiophone Unit	B					
1	Type 49029 Jackbox	B					
3	Type 50210 Amplifier Units	B	16B10050				
3	Type 49546 Loudspeaker Units	B					
1	Model SCR-608 Portable Transmitting-Receiving Equipment	B					
1	Type 211437 Motor Generator	B					

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

\* = Substitute CCL - 211018 on AC vessels.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 August 1945	III	135A	RE IIA 100

TYPE  
**ARG**

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
FOR  
**REPAIR SHIPS - ENGINE**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<b>TESTING EQUIPMENT</b>				<b>TOOLS</b>			
1	Model OAA - 2 Echo Box	B		6	Blades, hacksaw, Type "B", 18 teeth	C	41B1163
1	Model OBU - 2, 3 Echo Box	B		6	Blades, hacksaw, type "B", 32 teeth	C	41B1164
1	Model OAP Series Frequency Meter	B		1	Chisel, machinists', hand, 1/4"	C	41C1052
1	Model TS-173/UR Frequency Meter	B		1	Chisel, machinists', hand, 3/8"	C	41C1062
1	Model TS-182/UP Frequency Meter	B		1	Cutter, circle, 1" to 5-1/2", 1/2" round shank (Pawood #5 or equal)	C	
1	Type 60-ABM Frequency Meter (for each MK26)	B		1	Drill, hand, 3/8" capacity	C	41D1828
2	Model OBL Series Oscilloscope	B		1	Drill, breast, 1/2" capacity	C	41D1663
1	Model OBT Series Oscilloscope	B		1 set	Drills, twist, Carbon-steel, Type "K"	B	41D1250
1	Model LAE Series Signal Generator	B		1	File, flat, 6"	C	41F870
1	Model LAE Series Signal Generator	B		1	File, flat, 8"	C	41F872
1	Model LAG Series Signal Generator	B		1	File, flat, 10"	C	41F874
1	Model LO Series Signal Generator	B		1	Frame, hacksaw, adjustable	C	41F3390
1	Model TS-331/UR Signal Generator	B		1	Hammer, machinists', 1/2 lb.	C	41H521
1	Model OCD Series Pulsar	B		1	Iron, soldering, electric, light duty	B	41I688
1	Model OAW Series Tube Tester	B		1	Iron, soldering, electric, medium duty	B	41I691
3	Model OZ Series Tube Testers	B		1	Pliers, combination, slip-joint, 6"	C	41P1631
1	Model AN/UPM-1b OSC, Wm. Scope	B		1	Pliers, combination, slip-joint, 8"	C	41P1633
2	Mark 2 Synchro Tester	B		1	Pliers, diagonal cutting, 4"	C	41P1710
1	Model OCV FS and Noise Meter	B		1	Pliers, diagonal cutting, 6"	C	41P1714
2	Model OBQ Series Electric Voltmeter	B		1	Pliers, round nose, short, 4"	C	41P1910
3	Model OCR Series Volt-Ohm Milliammeter	B		1	Pliers, round nose, short, 6"	C	41P1914
1	Model OF Series Field Strength Meter	B		1	Pliers, side cutting, flat nose, 6"	C	41P1974
1	Model OCW Series Megger	B		1	Pliers, side cutting, flat nose, 8"	C	41P1977
8	Type 10223 Repair Kits	B		1	Pliers, long nose, 6"	C	41P1991
2	Type 60007 C & R Bridge	B		1	Punch, center, 3/8"	C	41T3185
2	Type 60089 VT Megohmmeter	B		1	Screwdriver, common, 3" blade	C	41S1101
2	Type 10498 Terminal Kits	B		1	Screwdriver, common, 4" blade	C	41S1102
1	Model LP Series Signal Generator	B		1	Screwdriver, common, 6" blade	C	41S1104
1	Model LM Series Frequency Meter	B		1	Screwdriver, common, 8" blade	C	41S1106
				1	Screwdriver, common, 12" blade	C	41S1110
				1	Screwdriver, slim-shank, 6" blade	C	41S1156
				1	Screwdriver, Phillips 3" blade #1 point	41S11645-15	
				1	Screwdriver, Phillips 4" blade #2 point	41S11645-20	
				1	Screwdriver, Phillips 4" blade #4 point	41S11645-30	
				1	Torch, gasoline, 1 quart	B	41T3545
				1	Vise, bench, 3" jaws, Class A	B	41V242
				1	Wrench, open-end, 15° double-head, 7/16" & 1/2"	C	41W1000
				1	Wrench, open-end, 15° double-head, 9/16" & 5/8"	C	41W1005
				1	Wrench, open-end, 15° double-head, 5/8" & 3/4"	C	41W1008
				1	Wrench, open-end, 15° double-head, 3/4" & 13/16"	C	41W1012
				1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41W1019
				1	Wrench, open-end, 15° double-head, 1" & 1-1/8"	C	41W1024
				1 set	Wrenches, socket, hollow-shank	B	41W2623-425
				1 set	Wrenches, setscrew (Allen #604 or equal)	B	
<b>MISCELLANEOUS EQUIPMENT AND MATERIAL</b>							
9	Type 49016 Head Telephone Assemblies	B					
1	Model OAH Code Practice Set	B					
1	Model SCR-610 Portable Transmitting-Receiving Equipment	B					
<b>MISCELLANEOUS SPARES</b>							
5	Type 49016 Head Telephone Assemblies	B	16H3930	1	Wrench, open-end, 15° double-head, 3/4" & 13/16"	C	41W1012
4	Type 61493 Suspension Insulators	B	16I12145				
6	Type 61479 Suspension Insulators	C	16I12105	1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41W1019
1	Type 61019C Entrance Insulator	B	16I5951				
3	Type 61470 Insulator Bowls	C	16I14025	1	Wrench, open-end, 15° double-head, 1" & 1-1/8"	C	41W1024
1	Type 61475 Entrance Insulator	C					
4	Type 61339 Pedestal Insulators	C	16I9838	1 set	Wrenches, socket, hollow-shank	B	41W2623-425
300Ft.	7-#18 Bronze Antenna Wire	C	16W3740	1 set	Wrenches, setscrew (Allen #604 or equal)	B	
300Ft.	5/16" dia. (6x19) Bronze Wire Rope	C	22R200				
200Ft.	7/16" dia. (6x19) Bronze Wire Rope	C	22R210				
1	Type 631023 Resistor, 3150 Ohms, Style M	C	16R18230				
1	Type 61471 Entrance Insulator	B					
3	Type 61234A Insulator Bowls	C	16I14025				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	135B	III	1 August 1945	1 December 1945

**TENDER  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
REPAIR SHIPS - ENGINE**

**TYPE  
ARG**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<b>TENDER SPARES</b>				<b>MISCELLANEOUS MATERIAL (CONT'D.)</b>			
1	Model MH Series Tender Spares	B		300	Type 61724A Spacer Insulators	C	1619720
1	Model HAK Series Tender Spares	B		20	Type 61447 Entrance Insulators	C	1615725
1	Model HAL Series Tender Spares	B		25	Type 53288 Static-Leak Resistors (1/2Mer.)	C	16B18225
1	Model HAO Series Tender Spares	B		10	Type 631023 Resistors, 3150 ohms, Style E	C	16R18230
1	Model RBH Series Tender Spares	B		5	Type 660;5 Antenna Assemblies	C	
1	Model RBL Series Tender Spares	B		10#	Solder, Wire, rosin core	C	463905
1	Model RBO Series Tender Spares	B		2000ft	7-#18 Bronze Antenna Wire	C	16W3740
1	Model BEL Series Tender Spares	B		500 ft	1/4" dia. (6x19) Bronze Wire Rope	C	22R195
1	Model THS Series Tender Spares	B		1000ft	5/16" dia. (6x19) Bronze Wire Rope	C	22R200
1	Model TCS Series Tender Spares	B		1000ft	7/16" dia. (6x19) Bronze Wire Rope	C	22R210
1	Model TDE Series Tender Spares	B		1000ft	3/8" C.D. Copper Concentric Transmission Line	C	16C2750
1	Model TDQ Series Tender Spares	B					
1	Model RDZ Series Tender Spares	B		25	Type 61470 Insulator Bowls	C	
1	Type 21806 Motor Generator Tender Spares	F		20	Type 61471 Entrance Insulators	B	
1	Type 21807 Motor Generator Tender Spares	F		5	Complete EK Equipments	B	
1	Model LM Series Tender Spares	B		1	Complete EK Equipments	B	
1	Model SCR60F Series Tender Spares	B		5	Type 66AFJ Antennas (IFF)	B	
1	Model SCR610 Series Tender Spares	B		3	Type C72-50-ACW Duplexers	B	
1	Model BL-1 Tender Spares	B		1set	Type 211014 Motor Generator	B	
1	Model SF-1 Tender Spares	B		1	Type 211018 Motor Generator	B	
1	Model SO-1/8 Tender Spares	B		1000ft	Type RG-10/U (Cable)	B	
1	Model SU Series Tender Spares	B		1000ft	Type RG-12/U (Cable)	B	
1	Model BU Series Tender Spares	B		1000ft	Type RG-75/U (Cable)	B	
1	Model BK Series Tender Spares	B		10	Type RG-43/U (wave guide) - 10' lengths of 3" x 1 1/2"	B	
1	Model QU Series Tender Spares	B		10	Type RG-51/U (wave guide) 10' lengths of 1 1/4" x 5/8"	B	
1	Model QBE3b Series Tender Spares	B		10	Type UG-65/U wave Guide couplings (3" x 1 1/2")	B	
1	Model QCS/QCT Tender Spares	B		10	Type UG-66/U wave guide couplings (3" x 1 1/2")	P	
1	Model QCC-2 Tender Spares	B		6	Type UG-67/U (all) wave guide couplings (3" x 1 1/2")	B	
1	Model KMC Series Tender Spares	B		6	Type UG-68/U (all) wave guide couplings (3" x 1 1/2")	B	
1	Model NJ3/9 Tender Spares	B		10	Type UG-51/U wave guide couplings (1 1/4" x 5/8")	B	
1	Model NJ-8 Tender Spares	B		10	Type UG-52/U wave guide couplings (1 1/4" x 5/8")	B	
<b>MISCELLANEOUS MATERIAL</b>							
16	Type 61475 Entrance Insulators	B		4	Type UG-147/U (all) wave guide couplings (1 1/4" x 5/8")	H	
25	Type 24000 S.P.S.T. Toggle Switches	C	15810735	4	Type UG-143/U (all) wave guide couplings (1 1/4" x 5/8")	B	
20	Type 26012A Telegraph Keys	B	15K1790				
50	Type 49009 Hand Telephone Bands	C	16H3800				
50	Type 49012 Head Telephone Cords	C	16C35770				
25	Type 49016 Head Telephone Assemblies	B	16H3930				
50	Type 49017A Telephone Jacks	C	16J3251				
20	Type 49022 Jackboxes	B	16P10050				
50	Type 49034 Telephone Plugs	C	16F8580				
10	Type 49063 Jackboxes	C	16B10010				
50	Type 49120 Concentric Jacks	C	16J1200				
25	Type 49123 Concentric Patchcord Assemblies	F					
20	Type 61493 Suspension Insulators	C	16I12145				
50	Type 61013A Suspension Insulators	C	16I12130				
50	Type 61479 Suspension Insulators	C	16I12105				
50	Type 61019B Entrance Insulators	B	16I5951				
16	Type 61022C Entrance Insulators	P	16I5975				
100	Type 61174B Pedestal Insulators	C	16I9829				
50	Type 61175A Pedestal Insulators	C	16I9832				
10	Type 61231A Insulator Bowls	C	16I14050				
25	Type 61234A Insulator Bowls	C	16I14025				
10	Type 61276A Entrance Insulators	H	16I6000				
10	Type 61277 Insulator Bowls	C	16I14020				
5	Type 61303 Entrance Insulators	C	16I4025				
100	Type 61339 Pedestal Insulators	C	16I9838				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 July 1945	1 May 1945	III	1350	RE IIA 100



<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">TYPE</td> </tr> <tr> <td style="text-align: center; font-size: 2em;">ARG</td> </tr> </table>	TYPE	ARG	<h2 style="margin: 0;">TENDER</h2> <h3 style="margin: 0;">TYPE ALLOWANCE OF ELECTRONIC MATERIAL</h3> <h3 style="margin: 0;">FOR</h3> <h3 style="margin: 0;">REPAIR SHIPS - ENGINE</h3>
TYPE			
ARG			

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<u>TOOLS</u>				<u>TOOLS (Continued)</u>		
1	Blower, portable, electric	B	17R21135	1	Wrench, open-end, 15" double-head,	C	41W1024
12	Blades, hacksaw, type "B", 18 teeth	C	41R1163		1" & 1-1/8"		
12	Blades, hacksaw, type "B", 32 teeth	C	41R1164	1 set	Wrenches, open-end, 22-1/2" double-head	B	41W2100
2	Chisels, machinists', hand, 1/4"	C	41C1062		1/4" to 1"		
2	Chisels, machinists', hand, 3/8"	C	41C1062	1 set	Wrenches, socket, medium duty,	B	41W2697
2	Cutters, circle, 1" to 5-1/2", 1/2" round shank (Pawood #5 or equal)	C		1	1/4" to 1"	C	41W1652
1	Drill, portable, electric, 1/4" capacity	B	40D341	1	Wrench, pipe, adjustable, 10"	B	41W2697
1	Drill, hand, 3/8" capacity	C	41D1828	2 sets	Wrenches, socket, hollow-shank	C	41W2697-425
1	Drill, breast, 1/2" capacity	B	41D1663	1 set	Wrenches, setcrew (Allen #404 or equal)	B	
2 sets	Drills, twist, carbon-steel, type "X"	B	40D1250				
1	Frame, hacksaw, adjustable	C	41F3390				
2	Files, flat, 6"	C	41F870				
2	Files, flat, 8"	C	41F872				
2	Files, flat, 10"	C	41F874				
1	Hammer, machinists', 1/2 lb.	C	41H521				
1	Hammer, machinists', 1 lb.	C	41H523				
1	Iron, soldering, electric, light duty	B	41I688				
1	Iron, soldering, electric, medium duty	B	41I691				
1	Iron, soldering, electric, heavy duty	B	41I685				
2	Pliers, combination, slip-joint, 6"	C	41P1631				
2	Pliers, combination, slip-joint, 8"	C	41P1633				
2	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, electric, "Thermagrip #2"	B	41P1722				
1	Pliers, electric, "Thermagrip #5"	B	41P1723				
2	Pliers, diagonal cutting, 6"	C	41P1714				
2	Pliers, round nose, short, 4"	C	41P1910				
2	Pliers, round nose, short, 6"	C	41P1914				
2	Pliers, side cutting, flat nose, 6"	C	41P1974				
2	Pliers, side cutting, flat nose, 8"	C	41P1977				
2	Pliers, long nose, 6"	C	41P1991				
2	Punch, center, 3/8"	C	41T7185				
1	Square, combination, 12"	C	41S4527				
1	Shears, hand, type "B"	C	41S2798				
1	Scriber, machinists', 9"	C	41S2030				
2	Screwdrivers, common, 3" blade	C	41S1101				
2	Screwdrivers, common, 4" blade	C	41S1102				
2	Screwdrivers, common, 6" blade	C	41S1104				
2	Screwdrivers, common, 8" blade	C	41S1106				
2	Screwdrivers, common, 12" blade	C	41S1110				
2	Screwdrivers, slim-shank, 6" blade	C	41S1156				
2	Screwdrivers, Phillips, 3" blade, #1 point	C	41S1645-15				
2	Screwdrivers, Phillips, 4" blade, #2 point	C	41S1645-20				
2	Screwdrivers, Phillips, 8" blade, #4 point	C	41S1645-30				
1	Torch, gasoline, 1 quart	B	41T3645				
1	Vise, bench, 3" jaws, Class A	B	41V242				
1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000				
1	Wrench, open-end, 15" double-head, 9/16" & 5/8"	C	41W1005				
1	Wrench, open-end, 15" double-head, 5/8" & 3/4"	C	41W1008				
1	Wrench, open-end, 15" double-head, 3/4" & 13/16"	C	41W1012				
1	Wrench, open-end, 15" double-head, 7/8" & 15/16"	C	41W1019				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	135D	III	1 May 1945	1 July 1945



**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**REPAIR SHIPS - HEAVY HULL**

TYPE  
**ARH**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b>RADIO CENTRAL</b>				<b>RADAR CONTROL STATION</b>			
2	Model RBA Series Receiving Equipments	B		1	Type 23146 Key-Control Panel	B	
1	Model RMB Series Receiving Equipments	B		1	Type 49029 Jackbox	B	16B10050
2	Model RBC Series Receiving Equipments	B					
2	Model RBC Series Receiving Equipments	B					
1	Model LRB Series Frequency Meter	B					
1	Model TDZ Series Transmitting Equipment						
2	Model RDZ Series Receiving Equipments						
1	Type 23191 Receiver Transfer Panel	B					
5	Type 23146 Key-Control Panels	B					
1	Type 23200 Transmitter-transfer Panel	B					
10	Type 49029 Jackboxes	B	16B10050				
<b>RADIO TRANSMITTER ROOM</b>				<b>ELSEWHERE</b>			
1	Model TAJ Series Transmitting Equipment	B		5	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
1	Model TBK Series Transmitting Equipment	B					
1	Model TBL Series Transmitting Equipment	B					
1	Model RAK Series Receiving Equipment	B					
1	Model RAL Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
1	Type 23146 Key-Control Panel	B					
1	Type 23190 Receiver-transfer Panel	B					
1	Type 23202 Transmitter Transfer Panel	B					
2	Type 28002 Resistor Clips	C	16C20023				
1	Type 49063 Jackbox	B	16B10010				
1	Type 50064 Modulator Equipment	B					
1	Type 631023 Resistor, 3150 ohms, Style E	C	16R18230				
1	Type 50194 Modulator Equipment	B					
<b>CHART HOUSE</b>				<b>ANTENNA SYSTEM</b>			
1	Model DAS Series Loran Equipment	B		5	Type 28006A Receiver Protective Units	B	16PE800
1	Type 49029 Jackbox	B	16B10050	40*	Type 49120 Concentric Jacks	C	16J1200
				14*	Type 49123 Concentric Patchcord Assemblies	B	
				5	Type 63288 Static-Leak Resistors, (1/2 meg.)	C	16R18225
				8*	Type 61493 Suspension Insulators	C	16I12145
				12*	Type 61479 Suspension Insulators	C	16I12105
				5	Type 61019C Entrance Insulators	B	16I5951
				3*	Type 61475 Entrance Insulators	B	
				18*	Type 61339 Fedestal Insulators	C	16I9838
				6	Type 61352 Anti-Corona Caps	B	16C4000
				11*	Type 61471 Entrance Insulators	B	
				1	Type 66143 Antenna Assembly	B	
<b>PILOT HOUSE</b>				<b>RADAR MATERIAL</b>			
1	Model MBF Series Transmitting-Receiving Equipment	B		1	Medium Air Search Radar	B	
1	Type 23146 Key-Control Panel	B		1	Large Surface Search Radar	B	
2	Type 23423 Radiophone Unit	B		1	Model BL or BM Series Interrogator Responder	B	
1	Type 49029 Jackbox	B		1	Model BN Series Interrogator Responder	B	
3	Type 50210 Series Speaker-Amplifier Unit	B		2	Model BK Series Transponders	B	
3	Type 49546 Loudspeaker Units	B	16B10050	1	Fire Control Radar Equipment MK12	B	
				1	Fire Control Radar Equipment MK22	B	
				1	Fire Control Radar Equipment MK26	B	
				1	Fire Control Radar Equipment MK32	B	
				2	Type CTZ-66AGG or CTZ-66AFJ Antennas	B	
				1	Type CCL - 211018 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
<b>SPECIAL EXCEPTIONS AND REMARKS</b>				<b>SONAR MATERIAL</b>			
				1	Model NM Series Sounding Equipment	B	
<b>RCM MATERIAL</b>				None			

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**SPECIAL EXCEPTIONS AND REMARKS**

**THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 July 1945	1 May 1945	III	136A	RE IIA 100

TYPE  
**ARH**

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
FOR  
**REPAIR SHIP- HEAVY HULL**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<b>TESTING EQUIPMENT</b>				<b>TOOLS</b>			
1	Model OCD Series Pulsar	B		6	Blades, hacksaw, type "B", 18 teeth	C	41B1163
1	Model TS-35A/AP Series Signal Generator	B		6	Blades, hacksaw, type "B", 32 teeth	C	41B1164
1	Model TS-202/U Series Harmonic Generator	B		1	Chisel, machinists', hand, 1/4"	C	41C1052
1	Model TS-331/UR Series Signal Generator	B		1	Chisel, machinists', hand, 3/8"	C	41C1062
1	Model 709B(RCA) Series Signal Generator	B		1	Cutter, circle, 1" to 5-1/2", 1/2" round shank (Pawood #5 or equal)	C	-
1	Model OAW Series Tube Tester	B		1	Drill, hand, 3/8" capacity	C	41D1828
3	Model OZ Series Tube Testers	B		1	Drill, breast, 1/2" capacity	B	41D1663
2	Mark 2 Synchro Testers	B		1 Set	Drills, twist, carbon-steel, type "K"	B	41D1250
3	Model OBQ Electric Voltmeter	B		1	File, flat, 3"	C	41F870
2	Model OCR Series Volt-Ohm Milliammeter	B		1	File, flat, 8"	C	41F872
1	Model OF Series Field Strength Meter	B		1	File, flat, 10"	C	41F874
1	Model TS-15A/AP Fluxmeter	B		1	Frame, hacksaw, adjustable	C	41F3390
2	Model TS-89/AP Voltage Divider	B		1	Hammer, machinists', 1/2 lb.	C	41H521
2	Model TS-231/UP R. F. Load	B		1	Iron, soldering, electric, light duty	B	41I688
1	Model SU-SU-1 Antenna Service Kit	B		1	Iron soldering, electric, medium duty	B	41I691
2	Model OCW Series Meggers	B		1	Pliers, combination, slip-joint, 6"	C	41P1631
6	Type 10223 Repair Kits	B		1	Pliers, combination, slip-joint, 8"	C	41P1633
2	Type 60007 C & R Bridges	B		1	Pliers, diagonal cutting, 4"	C	41P1710
1	Type 60089 VT Megohmmeter	B		1	Pliers, diagonal cutting, 6"	C	41P1714
2	Type 10498 Terminal Kits	B		1	Pliers, round nose, short, 4"	C	41P1910
1	Model OAA - 2 Echo Box	B		1	Pliers, round nose, short, 6"	C	41P1914
1	Model OBU - 2, 3 Echo Box	B		1	Pliers, side cutting, flat nose, 6"	C	41P1974
1	Model TS-62/AP Echo Box	B		1	Pliers, side cutting, flat nose, 8"	C	41P1977
1	Model TS-218/UP Echo Box	B		1	Pliers, long nose, 6"	C	41R1991
1	Model TS-275/UP Echo Box	B		1	Punch, center, 3/8"	C	41T3185
1	Model TS-311/UP Echo Box	B		1	Screwdriver, common, 3" blade	C	41S1101
1	Model OAP Series Frequency Meter	B		1	Screwdriver, common, 4" blade	C	41S1102
1	Model TS-173/UR Frequency Meter	B		1	Screwdriver, common, 6" blade	C	41S1104
1	Model TS-33/AP Frequency Meter	B		1	Screwdriver, common, 8" blade	C	41S1106
1	Model TS-182/UP Frequency Meter	B		1	Screwdriver, common, 12" blade	C	41S1110
1	Type 60-ABM Frequency Meter (For Each MK26)	B		1	Screwdriver, slim-shank, 6" blade	C	41S1156
2	Model OBL Series Oscilloscope	B		1	Screwdriver, Phillips 3" blade #1 Point	C41	81645-15
1	Model OBT Series Oscilloscope	B		1	Screwdriver, Phillips 4" blade #2 Point	C41	81645-20
1	Model TS-34A/UP Synchronizer	B		1	Screwdriver, Phillips 8" blade #4 Point	C41	81645-30
1	Model TS-148/UP Analyzer	B		1	Torch, gasoline, 1 quart	B	41T3645
1	Model LAE Series Signal Generator	B		1	Vise, bench, 3" Jaws Class A	B	41V242
1	Model LAF Series Signal Generator	B		1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000
1	Model LAG Series Signal Generator	B		1	Wrench, open-end, 15" double-head, 9/16" & 5/8"	C	41W1005
1	Model LO Series Signal Generator	B		1	Wrench, open-end, 15" double-head, 5/8" & 3/4"	C	41W1008
2	Model LP Series Signal Generator	B		1	Wrench, open-end, 15" double-head, 3/4" & 13/16"	C	41W1012
1	Model LM Series Frequency Meter	B		1	Wrench, open-end, 15" double-head, 7/8" & 15/16"	C	41W1019
1		B		1	Wrench, open-end, 15" double-head, 1" & 1-1/8"	C	41W1024
		B		1 Set	Wrenches, socket, hollow-shank	B41	W2623-425
		B		1 Set	Wrenches, setscrew (Allen #604 or equal)	B	
<b>MISCELLANEOUS SPARES</b>							
5	Type 49016 Head Telephone Assemblies	B					
4	Type 61493 Suspension Insulators	C	16I12145	1			
6	Type 61479 Suspension Insulators	C	16I12105				
1	Type 61019C Entrance Insulator	B	16I5951	1 Set			
3	Type 61234A Insulator Bowls	C	16I14025	1 Set			
1	Type 61475 Entrance Insulator	B					
4	Type 61339 Pedestal Insulators	C	16I9838				
300Ft	7-#18 Bronze Antenna Wire	C	16W3740				
300Ft	5/16" dia. (6x19) Bronze Wire Rope	C	22R200				
200Ft	7/16" dia. (6x19) Bronze Wire Rope	C	22R210				
1	Type 631023 Resistor, 3150 ohms, Style E	B	16R18230				
1	Type 61471 Entrance Insulator	C					
1	Type 61470 Insulator Bowl	C					

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SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	136B	III	1 May 1945	1 July 1945



TYPE  
ARH

TENDER  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
REPAIR SHIPS - HEAVY HULL

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<u>TOOLS</u>				<u>TOOLS (Continued)</u>		
1	Blower, portable, electric	B	41B21155	1 Set	Wrenches, open-end, 22-1/2" double-head, 1/2" to 1"	B	41W2100
12	Blades, hacksaw, type "B", 18 teeth	C	41B1163	1 Set	Wrenches, socket, medium duty, 1/2" to 1"	B	41W2997
12	Blades, hacksaw, type "B", 32 teeth	C	41B1164	1	Wrench, pipe, adjustable, 10"	C	41W1652
2	Chisels, machinists', hand, 1/4"	C	41C1052	2 Sets	Wrenches, socket, hollow-shank	B	41W2621-45
2	Chisels, machinists', hand, 3/8"	C	41C1062	2 Sets	Wrenches, setscrew, (Allen #604 or equal)	B	16P
2	Cutters circle, 1" to 5-1/2", 1/2" round shank, (Pawood #5 or equal)	C		3	Pliers, phone-tin, Type 49112	B	
1	Drill, portable, electric, 1/4" capacity	B	41D1821				
1	Drill, hand, 3/8" capacity	B	41D1828				
1	Drill, breast, 1/2" capacity	B	41D1863				
2 sets	Drills, twist, carbon-steel, type "K"	B	41D1250				
1	Frame, hacksaw, adjustable	B	41F3390				
2	Files, flat, 6"	C	41F870				
2	Files, flat, 8"	C	41F872				
2	Files, flat, 10"	C	41F874				
1	Hammer, machinists', 1/2 lb.	C	41H521				
1	Hammer, machinists', 1 lb.	C	41H523				
1	Iron, soldering, electric, light duty	B	41I688				
1	Iron, soldering, electric, medium duty	B	41I691				
1	Iron, soldering, electric, heavy duty	B	41I685				
2	Pliers, combination, slip-joint, 6"	C	41P1631				
2	Pliers, combination, slip-joint, 8"	C	41P1633				
2	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, electric, "Thermagrip #2"	B					
1	Pliers, electric, "Thermagrip #5"	B					
2	Pliers, diagonal cutting, 6"	C	41P1714				
2	Pliers, round nose, short, 4"	C	41P1910				
2	Pliers, round nose, short, 6"	C	41P1914				
2	Pliers, side cutting, flat nose, 6"	C	41P1974				
2	Pliers, side cutting, flat nose, 8"	C	41P1977				
2	Pliers, long nose, 6"	C	41P1991				
2	Punches, center, 3/8"	C	41P1855				
1	Square, combination, 12"	C	41S4527				
1	Shears, hand, type "B"	C	41S2798				
1	Scriber, machinists', 9"	C	41S2030				
2	Screwdrivers, common, 1" blade	C	41S1101				
2	Screwdrivers, common, 1 1/2" blade	C	41S1102				
2	Screwdrivers, common, 6" blade	C	41S1104				
2	Screwdrivers, common, 8" blade	C	41S1106				
2	Screwdrivers, common, 12" blade	C	41S1110				
2	Screwdrivers, slim-shank, 6" blade	C	41S1156				
2	Screwdrivers, Phillips 3" blade, #1 point	C	41S1645-15				
2	Screwdrivers, Phillips 4" blade, #2 point	C	41S1645-20				
2	Screwdrivers, Phillips 8" blade, #4 point	C	41S1645-30				
1	Torch, gasoline, 1 quart	B	41T2445				
1	Vise, bench, Class A, 3" jaws	B	41V242				
1	Wrench, open-end, 15° double-head, 7/16" & 1/2"	C	41W1000				
1	Wrench, open-end, 15° double-head, 9/16" & 5/8"	C	41W1005				
1	Wrench, open-end, 15° double-head, 5/8" & 3/4"	C	41W1008				
1	Wrench, open-end, 15° double-head, 3/4" & 13/16"	C	41W1012				
1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41W1019				
1	Wrench, open-end, 15° double-head, 1" & 1-1/8"	C	41W1024				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	136D	III	1 May 1965	1 November 1965



**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**REPAIR SHIPS - LANDING CRAFT**

TYPE  
**ARL**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b>RADIO CENTRAL</b>							
1	Model TDE Series Transmitting Equipment	B					
1	Model TCS Series Transmitting Rec'g. Eqp	B					
1	Model RAO Series Receiving Equipment	B					
1	Model RBL Series Receiving Equipment	B					
1	Model REE Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
1	Type 23146 Key-Control Panel	B					
1	Type 23436 Receiver Transfer Panel	B					
1	Type 23437 Transmitter Transfer Panel	B					
2	Type 49029 Jackboxes	B	16B10050				
1	Type 49063 Jackbox	B	16B10010				
e1	Type 23156 Motor Generator Transfer Panel	B					
<b>PILOT HOUSE</b>							
1	Model MBF Series Transmitting-Receiving Equipment	B					
e	Type 23146 Key-Control Panel	B					
1	Type 23381 Remote Control Unit	B					
1	Type 49029 Jackbox	B	16B10050	1	Small Surface Search Radar	B	
1	Model SCR-608 Transmitting-Receiving Equipment	B		1	Model BN Series Interrogator-Responder	B	
1	Type 211437 Motor Generator	B		1	Model BK Series Transponder	B	
				2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B	
				1	Type GCL - 211014 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
<b>CHART HOUSE</b>							
1	Model DAS Series Loran Equipment	B					
1	Type 49049 Jackbox	B	16B10050				
<b>ANTENNA SYSTEM</b>							
2	Type 24206 Antenna Switches	B					
2	Type 28006A Receiver Protective Units	B	16P8800				
6*	Type 49120 Concentric Jacks	C	16J1200				
4*	Type 49123 Concentric Patchcord Assemblies	B		1	Model NJ Series Sounding Equipment	B	
2*	Type 61481 Suspension Insulators	C	16I12130	1	Model NK Series (Portable) Sounding Equipment	B	
2*	Type 61479 Suspension Insulators	C	16I12105				
4*	Type 61019C Entrance Insulators	B	16I5951				
4	Type 61352 Anti-Corona Caps	B	16C4000				
6*	Type 61471 Entrance Insulators	C					
2	Type 63288 Static-Leak Resistors (1/2 meg.)	C	16R18225				
1	Type 66143 Antenna Assembly	B					
<b>ELSEWHERE</b>							
4	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B					
2	Type 21039 Motor Generator Sets	B			None		

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

e - For Vessels in which 115 v.a.c. power is not available for radio equipment.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 August 1945	III	137A	RE IIA 100

45



TYPE  
**ARL**

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
FOR  
**REPAIR SHIPS - LANDING CRAFT**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS</u>			
2	Model OAA - 2 Echo Box	B		6	Blades, hacksaw, type "B", 18 teeth	C	41B1163
1	Model OBU - 2, 3' Echo Box	B		6	Blades, hacksaw, type "B", 32 teeth	C	41B1164
1	Model TS-62/AP Echo Box	B		1	Chisel, machinists', hand, 1/4"	C	41C1052
1	Model TS-218/UP Echo Box	B		1	Chisel, machinists', hand, 3/8"	C	41C1062
1	Model TS-275/UP Echo Box	B		1	Cutter, circle, 1" to 5-1/2", 1/2" round shank, (Pawood #5 or equal)	C	-
1	Model TS-311/UP Echo Box	B		1	Drill, hand, 3/8" capacity	C	41D1828
1	Model TS-33/AP Frequency Meter	B		1	Drill, breast, 1/2" capacity	B	41D1663
2	Model TS-173/UR Frequency Meter	B		1	Drills, twist, carbon-steel, type "K"	B	40D1250
1	Model OBL Series Oscilloscope	B		1 set	File, flat, 6"	C	41F870
1	Model OBT Series Oscilloscope	B		1	File, flat, 8"	C	41F872
1	Model TS-34A/UP Synronizer	B		1	File, flat, 10"	C	41F874
1	Model TS-148/UP Analyzer	B		1	Frame, hacksaw, adjustable	C	41F3390
1	Model LAG Series Signal Generator	B		1	Hammer, machinists', 1/2 lb.	C	41H521
1	Model LO Series Signal Generator	B		1	Iron, soldering, electric, light duty	B	41I688
1	Model LP Series Signal Generator	B		1	Iron, soldering, electric, medium duty	B	41I691
1	Model OCD Series Pulser	B		1	Pliers, combination, slip-joint, 6"	C	41P1631
1	Model TS-35A/AP Signal Generator	B		1	Pliers, combination, slip-joint, 8"	C	41P1633
1	Model TS-202/U Harmonic Generator	B		1	Pliers, diagonal cutting, 4"	C	41P1710
1	Model TS-331/UP Signal Generator	B		1	Pliers, diagonal cutting, 6"	C	41P1714
1	Model 709B (RCA) Signal Generator	B		1	Pliers, round nose, short, 4"	C	41P1910
1	Model OAW Series Tube Tester	B		1	Pliers, round nose, short, 6"	C	41P1914
3	Model OZ Series Tube Testers	B		1	Pliers, side cutting, flat nose, 6"	C	41P1974
1	Model AN/UPM - 1b OSC Wm Scope	B		1	Pliers, side cutting, flat nose, 8"	C	41P1977
1	Model AN/UPM - 7 Test Kit	B		1	Pliers, long nose, 6"	C	41P1991
2	Type OBQ Electric Voltmeter	B		1	Punch, center 3/8"	C	41T3185
3	Model OCR Series Volt-Ohm Milliammeter	B		1	Screwdriver, common, 3" blade	C	41S1101
1	Model OF Series Field Strength	B		1	Screwdriver, common, 4" blade	C	41S1102
1	Model TS 15A/AP Fluxmeter	B		1	Screwdriver, common, 6" blade	C	41S1104
2	Model TS-89/AP Voltage Dividers	B		1	Screwdriver, common, 8" blade	C	41S1106
2	Model TS 231/UP R. F. Load	B		1	Screwdriver, common, 12" blade	C	41S1110
2	Model OCW Series Meggers	B		1	Screwdriver, slim-shank, 6" blade	C	41S1156
8	Type 10223 Repair Kits	B		1	Screwdriver, Phillips 3" blade #1 point	C41	W2623425
2	Type 60007 C & R Bridge	B		1	Screwdriver, Phillips 4" blade #2 point	C41	S164520
1	Type 60089 V. T. Megohmmeter	B		1	Screwdriver, Phillips, 8" blade #4 point	C41	S164530
2	Type 10498 Terminal Kit	B		1	Torch, gasoline, 1 quart	B	41T3645
1	Model LM Series Frequency Meter	B		1	Vise, bench, 3" jaws, Class A	B	41V242
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
1	Model OA. Series Code Practice Set	B		1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000
2	Type 49016 Head Telephone Assemblies	B	16H3930	1	Wrench, open-end, 15" double-head, 9/16" & 5/8"	C	41W1005
1	Type 51004C Hand Microphone Assembly	B	16M2352	1	Wrench, open-end, 15" double-head, 3/4" & 13/16"	C	41W1012
1 set	Group "A" TCS Crystals	B		1	Wrench, open-end, 15" double-head, 7/8" & 15/16"	C	41W1019
1	Model SCR-610 Portable Transmitting-Receiving Equipment	B		1 Set	Wrench, open-end, 15" double-head, 1" & 1-1/8"	C	41W1024
<u>MISCELLANEOUS SPARES</u>							
1	Type 49016 Head Telephone Assembly	B	16H3930	1 Set	Wrenches, socket, hollow-shank	B41	W2623425
1	Type 51004C Hand Microphone Assembly	B	16M2352	1 Set	Wrenches, setscrew (Allen #604 or equal)	B	
1	Type 61481 Suspension Insulator	C	16I12130				
1	Type 61479 Suspension Insulator	C	16I12105				
1	Type 61019C Entrance Insulator	B	16I5951				
4	Type 61175A Pedestal Insulators	C	16I9832				
1	Type 61471 Entrance Insulator	C					
300Ft	7-#18 Bronze Antenna Wire	C	16W3740				
300Ft	5/16" dia. (6x19) Bronze Wire Rope	C	22R200				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	137B	III	1 August 1945	1 December 1945

**TENDER  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
REPAIR SHIPS - LANDING CRAFT**

**TYPE  
ARL**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<b>TENDER SPARES</b>				<b>MISCELLANEOUS MATERIAL (Continued)</b>			
1	Model BN Series Tender Spares	B		10 Lbs	Solder, wire, rosin core	C	468905
1	Model BK Series Tender Spares	B		1000Ft	7-#18 Bronze Antenna Wire	C	16W3740
1	Model DAS Series Tender Spares	B		500Ft	5/16" dia. (6x19) Bronze Wire Rope	C	22R200
1	Model MPF Series Tender Spares	B		5	Model BK Series Equipment	B	16
1	Model MN Series Tender Spares	B		1	Model BN Series Equipment	B	16
1	Model RBL Series Tender Spares	B		5	Type 66 AFJ Antenna (IFF)	B	16
1	Model REO Series Tender Spares	B		2	Model CT250 ACW Duplexers	B	16
1	Model RBE Series Tender Spares	B		1	Model BK Series Motor Generator SET (115v.d.c. input, 24VDC output)	B	16
1	Model TEL Series Tender Spares	B		1000ft.	Type RG-10/U (Cable)	B	16
1	Model TCS Series Tender Spares	B		1000ft.	Type RG-12/U (Cable)	B	16
1	Model 30-1 Series Tender Spares	B		1000ft.	Type RG-74/U (Cable)	B	16
1	Model LM Series Tender Spares	B		10 ft.	Type RG-48/U (Wave Guide)	B	16
1	Model LR Series Tender Spares	B		10 ft.	Type RG-51/U (Wave Guide)	B	16
1	Model OPL Series Tender Spares	B		10 ft.	Type UG-65/U (Wave Guide Couplings)	B	16
1	Model OBQ Series Tender Spares	B		10 ft.	Type UG-66/U (Wave Guide Couplings)	B	16
1	Model SC-4 Series Tender Spares	B		6	Type UG-67/U (Ell Wave Guide Couplings)	B	16
1	Model OQ Series Tender Spares	B		6	Type UG-68/U (Ell Wave Guide Couplings)	B	16
1	Model SCR-636 Series Tender Spares	B		10	Type UG-51/U (Wave Guide Couplings)	B	16
1	Model SCR-508 Series Tender Spares	B		10	Type UG-52/U (Wave Guide Couplings)	B	16
1	Model SCR-608 Series Tender Spares	B		4	Type UG-142/U (Ell Wave Guide Couplings)	B	16
1	Model SCR-610 Series Tender Spares	B		4	Type UG-143/U (Ell Wave Guide Couplings)	B	16
1	Model SCR-510 Series Tender Spares	B					
1	Model 30-8 Series Tender Spares	B					
1	Model NJ-8 Series Tender Spares	B					
1	Model NMC Series Tender Spares	B					
1	Model NK-2 Series Tender Spares	B					
<b>MISCELLANEOUS MATERIAL</b>				<b>TOOLS</b>			
20	Type 26012A Telegraph Keys	B	16K1790				
25	Type 49009 Head Telephone Bands	C	16H7800				
25	Type 49012 Head Telephone Cords	C	16C75770				
25	Type 49016 Head Telephone Assemblies	B	16H7970	1	Flower, portable, electric	B	17B21185
25	Type 49021A Telephone Jacks	C	16J3251	1	Drill, portable, electric, 1/4" capacity	B	40D341
20	Type 49029 Jackboxes	B	16H10050	1	Drill, hand, 3/8" capacity	B	41D1828
25	Type 49074 Telephone Plugs	C	16P4580	1	Drill, hand, 1/2" capacity	C	41D1663
10	Type 49067 Jackboxes	B	16H10010	1	Torch, gasoline, 1 quart	B	41T7645
25	Type 49123 Concentric Jacks	C	16J1200	1	Vice, bench, swivel base, 4-1/2" jaws	B	41V277
15	Type 49127 Concentric Patchcord Assemblies	B		1	Iron, soldering, electric, light duty	B	41I688
		B		1	Iron, soldering, electric, medium duty	B	41I691
12	Type 51004C Hand Microphone Assembly	B	16M2352	1	Iron, soldering, electric, heavy duty	B	41I685
30	Type 61174B Pedestal Insulators	C	16I9879	1	Frame, hacksaw, adjustable	C	41F3390
25	Type 61175A Pedestal Insulators	C	16I9872	12	Blades, hacksaw, type "B", 18 teeth	C	41B1163
15	Type 61128 Antenna Supporting Insulator	B		12	Blades, hacksaw, type "B", 32 teeth	C	41B1164
10	Type 66053 Vertical Antennas	B		? Sets	Drills, twist, carbon-steel, type "K"	B	40D1250
20	Type 61493 Suspension Insulators	C	16I12145	1	Square, combination, 12"	C	41S4527
50	Type 61481 Suspension Insulators	C	16I12130	1	Shears, hand, type "B"	C	41S2798
50	Type 61479 Suspension Insulators	C	16I12105	1	Scraper, machinists', 9"	C	41S2030
20	Type 61019C Entrance Insulators	B	16I5951	1	Hammer, machinists', 1/2 lb.	C	41H521
15	Type 61475 Entrance Insulators	B	16I5975	1	Hammer, machinists', 1 lb.	C	41H523
10	Type 61231A Insulator Bowls	C	16I14050	2	Files, flat, 6"	C	41F370
10	Type 61234A Insulator Bowls	C	16I14025	2	Files, flat, 8"	C	41F872
15	Type 61370 Pedestal Insulators	C	16I9878	2	Files, flat, 10"	C	41F874
100	Type 61395A Spacer Insulators	C	16I9720	2	Chisels, machinists', hand, 1/4"	C	41C1052
		C	16I5725	2	Chisels, machinists', hand, 3/8"	C	41C1062
10	Type 61470 Insulator Bowl	C		2	Punches, center, 3/8"	C	41T1185
40	Type 61471 Entrance Insulators	B		2	Cutters, circle, 1" to 5-1/2" round shank (Pawood #5 or equal)	C	
15	Type 61475 Entrance Insulators	B		2	Pliers, combination, slip-joint, 6"	C	41P1631
25	Type 61288 Static-Leak Resistors (1/2 meg.)	C	16R18225	2	Pliers, combination, slip-joint, 8"	C	41P1633
10	Type 631023 Resistors, 3150 ohms, style E	C		2	Pliers, diagonal cutting, 8"	C	41P1710

**QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES**

**SPECIAL EXCEPTIONS AND REMARKS**

**THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 July 1945	1 May 1945	III	137C	RE IIA 100

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">TYPE</td></tr> <tr><td style="text-align: center; font-size: 2em;">ARL</td></tr> </table>	TYPE	ARL	<p style="margin: 0;"><b>TENDER</b></p> <p style="margin: 0;"><b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b></p> <p style="margin: 0;"><b>FOR</b></p> <p style="margin: 0;"><b>REPAIR SHIPS - LANDING CRAFT</b></p>
TYPE			
ARL			

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<b>TOOLS (Continued)</b>							
2	Pliers, diagonal cutting, 6"	C	41P1714				
2	Pliers, round nose, short, 4"	C	41P1910				
2	Pliers, round nose, short, 6"	C	41P1914				
2	Pliers, side cutting, flat nose, 6"	C	41P1974				
2	Pliers, side cutting, flat nose, 8"	C	41P1977				
2	Pliers, long nose, 6"	C	41P1991				
3	Pliers, phone-tip, Type 49112	F	16P				
2	Screwdrivers, common, 3" blade	C	41S1101				
2	Screwdrivers, common, 4" blade	C	41S1102				
2	Screwdrivers, common, 6" blade	C	41S1104				
2	Screwdrivers, common, 8" blade	C	41S1106				
2	Screwdrivers, common, 12" blade	C	41S1110				
2	Screwdrivers, slim-shank, 6" blade	C	41S1156				
1	Screwdriver, Phillips, 3" blade #1 point	C	41S1645-15				
2	Screwdrivers, Phillips, 4" blade #2 point	C	41S1645-20				
2	Screwdrivers, Phillips, 8" blade #4 point	C	41S1645-30				
1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000				
1	Wrench, open-end, 15" double-head, 9/16" & 5/8"	C	41W1005				
1	Wrench, open-end, 15" double-head, 5/8" & 3/4"	C	41W1008				
1	Wrench, open-end, 15" double-head, 3/4" and 13/16"	C	41W1012				
1	Wrench, open-end, 15" double-head, 7/8" and 15/16"	C	41W1019				
1	Wrench, open-end, 15" double-head, 1" and 1-1/8"	C	41W1024				
1 Set	Wrenches, open-end, 22-1/2" double-head, 1/4" to 1"	B	41W2100				
1 Set	Wrenches, socket, medium duty, 1/4" to 1"	B	41W2997				
1	Wrench, pipe, adjustable, 10"	C	41W1652				
1 Set	Wrenches, socket, hollow-shank	B	41W2623-425				
1	Screwdriver, socket, Phillips 3" blade #1 point	C	41S1645-15				
1 Set	Wrenches, setscrew (Allen #60 or equal)	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	137D	III	1 May 1945	1 July 1945

96

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**SALVAGE VESSELS**

TYPE
<b>ARS</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b>RADIO CENTRAL</b>				<b>ANTENNA SYSTEM (CONT'D)</b>			
1	Model TBL Series Transmitting Equipment	B		4*	Type 61471 Entrance Insulators	B	
1	Model TDZ Series Transmitting Equipment	B		1	Type 66143 Antenna Assembly	B	
2	Model RDZ Series Receiving Equipments	B					
1	Model RAK Series Receiving Equipment	B					
1	Model RAL Series Receiving Equipment	B					
1	Model REE Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
1	Type 50064 Modulator Equipment	B					
1	Type 21436 Receiver Transfer Panel	B					
1	Type 21437 Transmitter Transfer Panel	B					
1	Type 49063 Jackbox	B	16B10010				
1	Type 23146 Key-Control Panel	B					
1	Type 631023 Resistor, 3150 ohms, Style E	C	16B18230	e2	Type 21821 Motor Generator Units	B	
1	Type 28002 Resistor Clips	C		4	Type 6V-SBM-200 AH Storage Batteries	B	
2	Type 23156 Motor-Generator Transfer Panel	B					
1	Type 21800 Motor Generator Unit	B					
1	Model TCS Series Transmitting-Receiving Equipment	B					
<b>PILOT HOUSE</b>				<b>ELSEWHERE</b>			
1	Type 23146 Key-Control Panel	B		3	Type 49620 Series Speaker-Amplifier Units, (Broadcast)	B	
1	Type 49029 Jackbox	B					
2	Type 21423 Radiophone Unit	B					
3	Type 50210 Series Speaker-Amplifier Unit	B					
4	Type 49546 Loudspeaker Unit	B					
1	Model MBF Series Transmitting-Receiving Equipment	B					
1	Model RBS Series Receiving Equipment	B					
1	Model SCR-608 Transmitting-Receiving Equipment	B					
1	Type 211437 Motor Generator	B					
<b>CHART HOUSE</b>				<b>RADAR MATERIAL</b>			
1	Model DAS Series Loran Equipment	B		1	Small Surface Search Radar	B	
1	Type 49029 Jackbox	B	16B10050	1	Model BN Series Interrogator-Responder	B	
<b>ANTENNA SYSTEM</b>				<b>SONAR MATERIAL</b>			
5*	Type 61493 Suspension Insulators	C	16I12145	1	Model NM Series Sounding Equipment	B	
16*	Type 61479 Suspension Insulators	C	16I12109	2	Model NK Series (Portable) Sounding Equipment	B	
20*	Type 61019C Entrance Insulators	B	16I5951				
20*	Type 61475 Entrance Insulator	B					
12*	Type 61339 Pedestal Insulators	C	16I9838				
2	Type 61352 Anti-Corona Caps	B	16C4000				
2	Type 63288 Static-Leak Resistors (1/2 megohm)	C	16R18225				
3	Type 28006A Receiver Protective Units	B	16P8800				
12*	Type 49120 Concentric Jacks	C	16J1200				
6*	Type 49123 Concentric Patchcord Assemblies	B					
				<b>RCM MATERIAL</b>			
				None			

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

e - For vessels in which 115 v.a.c. power is not available for radio equipment.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 October 1945	III	139A	RE IIA 100







## INSTALLATION TYPE ALLOWANCE OF ELECTRONIC MATERIAL FOR SALVAGE CRAFT TENDERS

TYPE
ARS
(T)

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO CENTRAL</u>				<u>ELSEWHERE</u>		
1	Model TDE Series Transmitting Equipment	B		4	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
1	Model TCS Series Transmitting-Receiving Equipment	B					
1	Model RAO Series Receiving Equipment	B					
1	Model RPL Series Receiving Equipment	B					
1	Model RPO Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
1	Type 23436 Receiver Transfer Panel	B					
1	Type 23437 Transmitter Transfer Panel	B					
1	Type 49063 Jackbox	B					
1	Type 23146 Key Control Panel	B					
2	Type 49029 Jackboxes	B					
	<u>PILOT HOUSE</u>						
1	Model MBF Series Transmitting-Receiving Equipment	B					
1	Type 23146 Key Control Panel	B					
1	Type 49029 Jackbox	B					
1	Type 23381 Remote Control Unit	B					
	<u>CHART HOUSE</u>				<u>RADAR MATERIAL</u>		
1	Type 49029 Jackbox	B			<u>SEARCH AND IFF RADAR</u>		
1	Model DAS Series Loran Equipment	B		1	Model SO-1 Small Surface Search Radar	B	
	<u>ANTENNA SYSTEM</u>			1	Model PM Series Interrogator Responder	B	
2*	Type 61481 Suspension Insulators	B		2	Model BK Series Transponders	B	
2*	Type 61479 Suspension Insulators	B		2	Model CTZ-66ACG or CTZ-66AFJ Antenna	B	
4*	Type 61019C Entrance Insulators	B		1	Model CCL-211014 Motor Generator	B	
6*	Type 61471 Entrance Insulators	B		4	Type 6V-SPM-15AH Storage Batteries	B	17B9490
2	Type 24206 Antenna Switches	B			<u>SONAR MATERIAL</u>		
3	Type 28006A Receiver Protective Units	B					
3	Type 63288 Static-Leak Resistors (1/2 meg.)	B		2	Model NK Series (Portable) Sounding Equipment	B	
4	Type 61352 Anti-Corona Caps	B			<u>RCM MATERIAL</u>		
6*	Type 49120 Concentric Jacks	B					
4*	Type 49123 Concentric Patchcord Assemblies	B					
1	Type 66143 Antenna Assembly	B					
					None		

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	1 August 1945	III	141A	RE IIA 100

TYPE  <b>ARS</b> (T)	FITTING - OUT <b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b> FOR <b>SALVAGE CRAFT TENDERS</b>
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QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS</u>			
1	Model OF Series Noise Locator	B		6	Blades, hacksaw, type "B", 18 teeth	C	41B1163
1	Model OZ Series Vacuum Tube Analyzer	B		6	Blades, hacksaw, type "B", 32 teeth	C	41B1164
1	Type 60089 VT Megohmmeter	B		1	Chisel, machinists', hand, 1/4"	C	41C1052
2	Type 60007 C & R Bridge	B		1	Chisel, machinists', hand, 3/8"	C	41C1062
2	Type 10223 Repair Kits	B		1	Cutter, circle, 1" to 5-1/2", 1/2" round shank, (Pawood #5 or equal)	C	-
1	Model OBL Oscilloscope	B		1	Drill, hand, 3/8" capacity	C	41D1828
1	Model OOR VT Ohmmeter	B		1	Drill, breast, 1/2" capacity	C	41D1663
1	Model OBQ Series Volt Ohm Milliammeter	B		1 set	Drills, twist, carbon-steel, type "K"	C	40D1250
				1	File, flat, 6"	C	41F870
				1	File, flat, 8"	C	41F872
				1	File, flat, 10"	C	41F874
				1	Frame, hacksaw, adjustable	C	41F3390
				1	Hammer, machinists', 1/2 lb.	C	41H521
				1	Iron, soldering, electric, light duty	B	41I688
				1	Iron, soldering, electric, medium duty	B	41I691
				1	Pliers, combination, slip-joint, 6"	C	41P1631
				1	Pliers, combination, slip-joint, 8"	C	41P1633
				1	Pliers, diagonal cutting, 4"	C	41P1710
				1	Pliers, diagonal cutting, 6"	C	41P1714
				1	Pliers, round nose, short, 4"	C	41P1910
				1	Pliers, round nose, short, 6"	C	41P1914
				1	Pliers, side cutting, flat nose, 6"	C	41P1974
				1	Pliers, side cutting, flat nose, 8"	C	41P1977
				1	Pliers, long nose, 6"	C	41F1991
				1	Punch, center 3/8"	C	41T3125
				1	Screwdriver, common, 3" blade	C	41S1101
				1	Screwdriver, common, 4" blade	C	41S1102
				1	Screwdriver, common, 5" blade	C	41S1104
				1	Screwdriver, common, 8" blade	C	41S1106
				1	Screwdriver, common, 12" blade	C	41S1110
				1	Screwdriver, slim-shank, 6" blade	C	41S1156
				1	Screwdriver, Phillips 3" blade #1 point	C	41S2623425
				1	Screwdriver, Phillips 4" blade #2 point	C	41S164520
				1	Screwdriver, Phillips, 8" blade #4 point	C	41S164530
				1	Torch, gasoline, 1 quart	B	41T3645
				1	Vise, bench, 3" jaws, Class A	B	41V242
				1	Wrench, open-end, 15° double-head, 7/16" & 1/2"	C	41W1000
				1	Wrench, open-end, 15° double-head, 9/16" & 5/8"	C	41W1005
				1	Wrench, open-end, 15° double-head, 3/4" & 13/16"	C	41W1012
				1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41W1019
				1	Wrench, open-end, 15° double-head, 1" & 1-1/8"	C	41W1024
				1 set	Wrenches, socket, hollow-shank	B	41W262345
				1 set	Wrenches, setscrew (Allen #604 or equal)	B	
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
1	Model OAH Series Code Practice Set	B					
2	Type 49016 Head Telephone Assemblies	B	16H3930				
1 set	Type 51004C Hand Microphone Assembly	B	16M2352				
4	Group "A" TCS Crystals	B					
	Model TBY Series Portable Transmitting-Receiving Equipment	B					
<u>MISCELLANEOUS SPARES</u>							
1	Type 49016 Head Telephone Assembly	B	16H3930				
1	Type 51004C Hand Microphone Assembly	B	16M2352				
1	Type 61481 Suspension Insulator	C	16112130				
1	Type 61479 Suspension Insulator	C	16112105				
1	Type 61019C Entrance Insulator	B	16I5951				
4	Type 61175A Pedestal Insulators	C	16I9832				
1	Type 61471 Entrance Insulator	C					
300 ft	7-#18 Bronze Antenna Wire	C	16W3740				
300 ft	5/16" dia. (6x19) Bronze Wire Rope	C	22K200				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	141B	III	1 August 1945	1 November 1945

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**REPAIR SHIP-AIRCRAFT**

<b>TYPE</b>
<b>ARV</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO CENTRAL</u>				<u>RADAR CONTROL STATION</u>			
2	Model RBA Series Receiving Equipments	B		1	Type 49029 Jackbox	B	16B10050
1	Model RBB Series Receiving Equipment	B		1	Type 23146 Key-Control Panel	B	
2	Model RBC Series Receiving Equipments	B					
2	Model RBO Series Receiving Equipments	B					
1	Model LM Series Frequency Meter	B					
1							
1	Type 23191 Receiver Transfer Panel	B					
1	Type 23200 Transmitter Transfer Panel	B					
10.	Type 49029 Jackboxes	B	16B10050				
5	Type 23146 Key-Control Panels	B		8	Type 49620 Series Speaker-Amplifier Units, (Broadcast)		
1	Model TDZ Series Transmitting Equipment						
2	Model RDZ Series Receiving Equipments						
<u>RADIO TRANSMITTER ROOM</u>				<u>ANTENNA SYSTEM</u>			
1	Model TAJ Series Transmitting Equipment	B		40*	Type 49120 Concentric Jacks	C	16J1200
1	Model TBK Series Transmitting Equipment	B		14*	Type 49123 Concentric Patchcord Assemblies	B	
1	Model TBL Series Transmitting Equipment	B		5	Type 63288 Static-Leak Resistors, 1/2 Megohm	C	16R18225
1	Model RAK Series Receiving Equipment	B		5	Type 28006A Receiver Protective Units	B	16P8800
1	Model RAL Series Receiving Equipment	B		8*	Type 61493 Suspension Insulators	C	16I12145
1	Model LM Series Frequency Meter	B		12*	Type 61479 Suspension Insulators	C	16I12105
1	Type 23190 Receiver Transfer Panel	B		5*	Type 61019C Entrance Insulators	B	16I5951
1	Type 23202 Transmitter Transfer Panel	B		3*	Type 61475 Entrance Insulators	B	
1	Type 23146 Key-Control Panel	B		18*	Type 61339 Pedestal Insulators	C	16I9838
2	Type 28002 Resistor Clips	C		6	Type 61352 Anti-Corona Caps	B	16C4000
1	Type 49063 Jackbox	B	16B10010	11*	Type 61471 Entrance Insulator	B	
1	Type 50064 Modulator Equipment	B		1	Type 66143 Antenna Assembly		
1	Type 50194 Modulator Equipment						
1	Type 631023 Resistor, 3150 ohms, Style E	C	16R18230				
<u>CHART HOUSE</u>				<u>RADAR MATERIAL</u>			
1	Model DAS Series Loran Equipment			1	Medium Air Search Radar	B	
1	Type 49029 Jackbox	B	16B10050	1	Large Surface Search Radar	B	
				1	Model BL or BM Series Interrogator Responder	B	
				1	Model BN Series Interrogator Responder	B	
				2	Model BK Series Transponders	B	
				1	Fire Control Radar Equipment MK26	B	
				2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B	
				1	Type CCL - 211018 Motor Generator	B	
				4	Type 6V-8BM-15AH Storage Batteries	B	17B-9490
<u>PILOT HOUSE</u>				<u>SONAR MATERIAL</u>			
1	Model MBF Series Transmitting-Receiving Equipment						
1	Type 23146 Key-Control Panel	B					
2	Type 23423 Radiophone Unit			1	Model NM Series Sounding Equipment	B	
1	Type 49029 Jackbox			1	Model NK Series (Portable) Sounding Equipment	B	
3	Type 50210 Series Speaker Amplifier Unit		16B10050				
3	Type 49546 Loudspeaker Units						
<u>RCM MATERIAL</u>				<u>None</u>			

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 July 1945	1 May 1945	III	143A	RE IIA 100

TYPE

ARV

FITTING - OUT

**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
REPAIR SHIP - AIRCRAFT**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<b>TESTING EQUIPMENT</b>				<b>TOOLS (CONT'D)</b>			
1	Model OAA - 2 Echo Box	B		1	Frame, hacksaw, adjustable	C	41F390
1	Model OBU - 2, 3 Echo Box	B		1	Hammer, machinists', 1/2 lb.	C	41H521
1	Model OAP Series Frequency Meter	B		1	Iron, soldering, electric, light duty	B	41I688
1	Model TS-173/UR Frequency Meter	B		1	Iron, soldering, electric, medium duty	B	41I691
1	Model TS-182/UP Frequency Meter	B		1	Pliers, combination, slip-joint, 6"	C	41P1631
1	Type 60ABM Frequency Meter	B		1	Pliers, combination, slip-joint, 8"	C	41P1633
	(for each 50 & MK26)			1	Pliers, diagonal cutting, 4"	C	41P1710
1	Model OBT Series Oscilloscope	B		1	Pliers, diagonal cutting, 6"	C	41P1714
1	Model OZ Series Tube Tester	B		1	Pliers, round nose, short, 4"	C	41P1910
1	Model OBQ Electric Voltmeter	B		1	Pliers, round nose, short, 6"	C	41P1914
1	Model TS-89/AP Voltage Divider	B		1	Pliers, side cutting, flat nose, 6"	C	41P1974
5	Type 10223 Repair Kits	B		1	Pliers, side cutting, flat nose, 8"	C	41P1977
1	Type 60089 VT Megohmmeter	B		1	Pliers, long nose, 6"	C	41P1991
<b>MISCELLANEOUS EQUIPMENTS AND MATERIALS</b>				1	Punch, center, 3/8"	C	41T7185
9	Type 49016 Head Telephone Assemblies	B	16H3930	1	Screwdriver, common, 3" blade	C	41S1101
1	Model OAH Series Code Practice Set	B		1	Screwdriver, common, 4" blade	C	41S1102
<b>MISCELLANEOUS SPARES</b>				1	Screwdriver, common, 6" blade	C	41S1104
5	Type 49016 Telephone Assemblies	B	16H3930	1	Screwdriver, common, 8" blade	C	41S1106
4	Type 61493 Suspension Insulators	C	16I12145	1	Screwdriver, common, 12" blade	C	41S1110
6	Type 61479 Suspension Insulators	C	16I12105	1	Screwdriver, slim-shank, 6" blade	C	41S1156
1	Type 610190 Entrance Insulator	C	16I5951	1	Screwdriver, Phillips, 3" blade, #1 point	C	41S1645-15
2	Type 61234A Insulator Bowls	C	16I14025	1	Screwdriver, Phillips, 4" blade	C	41S1645-20
4	Type 61339 Pedestal Insulators	C	16I9838	1	Screwdriver, Phillips, 8" blade	C	41S1645-30
3	Type 61470 Insulator Bowls	C		1	Torch, gasoline, 1 quart	B	41T3645
1	Type 61471 Entrance Insulator	B		1	Vise, bench Class A, 3" jaws	B	41V242
1	Type 61475 Entrance Insulator	B		1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000
1	Type 613023 Resistor, 3150 ohms, Style E	C		1	Wrench, open-end, 15" double-head, 9/16" & 5/8"	C	41W1005
300	Ft. 7-#18 Bronze Antenna Wire	C	16W3740	1	Wrench, open-end, 15" double-head, 9/16" & 3/4"	C	41W1008
300	Ft. 5/16" dia. (6x19) Bronze Wire Rope	C	22R200	1	Wrench, open-end, 15" double-head, 3/4" & 13/16"	C	41W1012
200	Ft. 7/16" dia. (6x19) Bronze Wire Rope	C	22R210	1	Wrench, open-end, 15" double-head, 7/8" & 15/16"	C	41W1019
<b>TOOLS</b>				1	Wrench, open-end, 15" double-head, 1" & 1-1/8"	C	41W1024
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163	1 set	Wrenches, socket, hollow-shank	B	
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164	1 set	Wrenches, setscrew (Allen #604 or equal)	B	
1	Chisel, machinists', hand, 1/4"	C	41C1052				
1	Chisel, machinists', hand, 3/8"	C	41C1062				
1	Cutter, circle 1" to 5-1/2" 1/2" round shank (Pawood #5 or equal)	C					
1	Drill, hand, 3/8" capacity	C	41D1828				
1	Drill, breast, 1/2" capacity	B	41D1663				
1 set	Drills, twist, carbon-steel, type "K"	B	40D1250				
1	File, flat, 6"	C	41F870				
1	File, flat, 8"	C	41F872				
1	File, flat, 10"	C	41F874				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASS

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	143B	III	1 May 1945	1 July 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**AIRCRAFT REPAIR SHIPS (AIRCRAFT)**

TYPE
ARV
(A)

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO CENTRAL</u>				<u>ELSEWHERE</u>		
1	Model TDE Series Transmitting Equipment	B		10	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
1	Model TCS Series Transmitting-Receiving Equipment	B					
1	Model RAO Series Receiving Equipment	B					
1	Model RBL Series Receiving Equipment	B					
1	Model RBO Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
1	Type 23436 Receiver Transfer Panel	B					
1	Type 23437 Transmitter Transfer Panel	B					
1	Type 49063 Jackbox	B					
1	Type 23146 Key Control Panel	B					
2	Type 49029 Jackboxes	B					
	<u>PILOT HOUSE</u>						
1	Model MBF Series Transmitting-Receiving Equipment	B					
1	Type 23146 Key Control Panel	B					
1	Type 49029 Jackbox	B					
1	Type 23381 Remote Control Unit	B					
	<u>CHART HOUSE</u>						
1	Type 49029 Jackbox	B					
1	Model DAS Series Loran Equipment	B					
	<u>ANTENNA SYSTEM</u>				<u>SEARCH AND IFF RADAR</u>		
2*	Type 61481 Suspension Insulators	B		1	Model SO-4 Medium Surface Search Radar	B	
2*	Type 61479 Suspension Insulators	B		1	Model BN Series Interrogator Responder	B	
4*	Type 61019C Entrance Insulators	B		2	Model BK Series Transponders	B	
6*	Type 61471 Entrance Insulators	B		2	Model CTZ-66ACG or CTZ-66AFJ Antenna	B	
2	Type 24206 Antenna Switches	B		1	Model CCL - 211014 Motor Generator	B	
3	Type 28006A Receiver Protective Units	B		4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
3	Type 63288 Static-Leak Resistors (1/2 meg.)	B					
4	Type 61352 Anti-Corona Caps	B					
6*	Type 49120 Concentric Patchcord Assemblies	B					
1	Type 66143 Antenna Assembly	B					
					<u>SONAR MATERIAL</u>		
				1	Model NK Series (Portable) Sounding Equipment	B	
					<u>RCM MATERIAL</u>		
					None		

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 October 1945	1 August 1945	III	144A	RE IIA 100



TYPE

ARV  
(A)

FITTING - OUT

## TYPE ALLOWANCE OF ELECTRONIC MATERIAL FOR AIRCRAFT REPAIR SHIPS (AIRCRAFT)

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (CONT'D)</u>			
1	Model CF Series Noise Locator	B		1	Pliers, diagonal cutting, 6"	C	41P1714
1	Model OZ Series Vacuum Tube Analyzer	B		1	Pliers, round nose, short, 4"	C	41P1910
1	Type 60089 VT Megohmmeter	B		1	Pliers, round nose, short, 6"	C	41P1914
2	Type 60007 C & R Bridge	B		1	Pliers, side cutting, flat nose, 6"	C	41P1974
2	Type 10223 Repair Kits	B		1	Pliers, side cutting, flat nose, 8"	C	41P1977
1	Model OBL Oscilloscope	B		1	Pliers, long nose, 6"	C	41P1991
1	Model OCR VT Ohmmeter	B		1	Punch, center 3/8"	C	41T3185
1	Model CBQ Series Volt Ohm Milliammeter	B		1	Screwdriver, common, 3" blade	C	41S1101
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>				1	Screwdriver, common, 4" blade	C	41S1102
1	Model OAH Series Code Practice Set	B		1	Screwdriver, common, 6" blade	C	41S1104
2	Type 49016 Head Telephone Assemblies	B	16H3930	1	Screwdriver, common, 8" blade	C	41S1106
1	Type 51004C Hand Microphone Assembly	B	16M2352	1	Screwdriver, common, 12" blade	C	41S1110
1 set	Group "A" TCS Crystals	B		1	Screwdriver, slim-shank, 6" blade	C	41S1156
<u>MISCELLANEOUS SPARES</u>				1	Screwdriver, Phillips 3" blade #1 point	C	41W2623425
1	Type 49016 Head Telephone Assembly	B	16H3930	1	Screwdriver, Phillips 4" blade #2 point	C	41S164520
1	Type 51004C Hand Microphone Assembly	B	16M2352	1	Screwdriver, Phillips 8" blade #4 point	C	41S164530
1	Type 61481 Suspension Insulator	C	16I12130	1	Torch, gasoline, 1 quart	B	41T3645
1	Type 61479 Suspension Insulator	C	16I12105	1	Vise, bench, 3" jaws, Class A	B	41V242
1	Type 61019C Entrance Insulator	B	16I5951	1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000
4	Type 61175A Pedestal Insulators	C	16I9832	1	Wrench, open-end, 15" double-head, 9/16" & 5/8"	C	41W1005
1	Type 61471 Entrance Insulator	C		1	Wrench, open-end, 15" double-head, 3/4" & 13/16"	C	41W1012
300 ft	7-#18 Bronze Antenna Wire	C	16W3740	1	Wrench, open-end, 15" double-head, 7/8" & 15/16"	C	41W1019
300 ft	5/16" dia. (6x19) Bronze Wire Rope	C	22A200	1 set	Wrenches, socket, hollow-shank 1" & 1-1/8"	C	41W1024
<u>TOOLS</u>				1 set	Wrenches, setscrew (Allen #604 or equal)	B	41W2623-425
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Chisel, machinists', hand, 1/4"	C	41C1052				
1	Chisel, machinists', hand, 3/8"	C	41C1062				
1	Cutter, circle, 1" to 5-1/2", 1/2" round shank, (Pawood #5 or equal)	C					
1	Drill, hand, 3/8" capacity	C	41D1828				
1	Drill, breast, 1/2" capacity	B	41D1663				
1 set	Drills, twist, carbon-steel, type "K"	B	40D1250				
1	File, flat, 6"	C	41F70				
1	File, flat, 8"	C	41F72				
1	File, flat, 10"	C	41F74				
1	Frame, hacksaw, adjustable	C	41F390				
1	Hammer, machinists', 1/2 lb.	C	41H521				
1	Iron, soldering, electric, light duty	B	41I688				
1	Iron, soldering, electric, medium duty	B	41I691				
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, combination, slip-joint, 8"	C	41P1633				
1	Pliers, diagonal cutting, 4"	C	41P1710				

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	144B	III	1 August 1945	1 October 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**AIRCRAFT REPAIR SHIPS (ENGINE)**

TYPE
ARV
(E)

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO CENTRAL</u>				<u>ELSEWHERE</u>		
1	Model TDE Series Transmitting Equipment	B		10	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
1	Model TCS Series Transmitting-Receiving Equipment	B					
1	Model RAO Series Receiving Equipment	B					
1	Model RBL Series Receiving Equipment	B					
1	Model RBO Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
1	Type 23436 Receiver Transfer Panel	B					
1	Type 23437 Transmitter Transfer Panel	B					
1	Type 49063 Jackbox	B					
1	Type 23146 Key Control Panel	B					
2	Type 49029 Jackboxes	B					
	<u>PILOT HOUSE</u>						
1	Model MBF Series Transmitting-Receiving Equipment	B					
1	Type 23146 Key Control Panel	B					
1	Type 49029 Jackbox	B					
1	Type 23381 Remote Control Unit	B					
	<u>CHART HOUSE</u>						
1	Type 49029 Jackbox	B					
1	Model DAS Series Loran Equipment	B					
	<u>ANTENNA SYSTEM</u>				<u>SEARCH AND IFF RADAR</u>		
2*	Type 61481 Suspension Insulators	B		1	Model SO-4 Medium Surface Search Radar	B	
2*	Type 61479 Suspension Insulators	B		1	Model BN Series Interrogator Responder	B	
4*	Type 61019C Entrance Insulators	B		2	Model BK Series Transponders	B	
6*	Type 61471 Entrance Insulators	B		2	Model CTZ-66AGG or CTZ-66AFJ Antenna	B	
2	Type 24206 Antenna Switches	B		1	Model CCL - 211014 Motor Generator	B	
3	Type 28006A Receiver Protective Units	B		4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
3	Type 63288 Static-Leak Resistors (1/2 meg.)	B					
4	Type 61352 Anti-Corona Caps	B					
6*	Type 49120 Concentric Patchcord Assemblies	B					
1	Type 66143 Antenna Assembly	B					
					<u>SONAR MATERIAL</u>		
				1	Model NK Series (Portable) Sounding Equipment	B	
					<u>RCM MATERIAL</u>		
					None		

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 October 1945	1 August 1945	III	145A	RE IIA 100



**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**SUBMARINE TENDERS**

<b>TYPE</b>
<b>AS</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b>RADIO CENTRAL</b>				<b>RADAR CONTROL STATION</b>			
1	Model RBA Series Receiving Equipments	B		1	Type 23146 Key-Control Panel	B	
2	Model RBE Series Receiving Equipments	B		1	Type 49029 Jackbox	B	16B10050
3	Model RBC Series Receiving Equipments	B					
1	Model RAK Series Receiving Equipment	B					
1	Model RAL Series Receiving Equipment	B					
2	Model RBO Series Receiving Equipments	B					
1	Model LR Series Frequency Meter	B					
1	Type 49063 Jackbox	B					
1	Type 23191 Receiver Transfer Panel	B					
1	Type 23200 Transmitter Transfer Panel	B		8	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
6	Type 23146 Key-Control Panels	B		8	Model REE Receiving Equipment	B	
12	Type 49029 Jackboxes	B	16B10050				
<b>RADIO TRANSMITTER ROOM</b>				<b>ELSEWHERE</b>			
1	Model TAJ Series Transmitting Equipment	B		6	Type 28006A Receiver Protective Units	B	
2	Model TBK Series Transmitting Equipments	B		50*	Type 49120 Concentric Jacks	C	16J1200
1	Model TBL Series Transmitting Equipment	B		18*	Type 49123 Concentric Patchcords Assemblies	B	
1	Model RAK Series Receiving Equipment	B		6	Type 63285 Static-Leak Resistors, (1/2 meg.)	C	16R18225
1	Model RAL Series Receiving Equipment	B		14*	Type 61493 Suspension Insulators	C	16I12146
1	Model LM Series Frequency Meter	B		12*	Type 61479 Suspension Insulators	C	16I12105
1	Type 23190 Receiver Transfer Panel	B		4*	Type 61019C Entrance Insulators	B	16I5951
1	Type 23202 Transmitter Transfer Panel	B		4	Type 61475 Entrance Insulators	B	16I5975
1	Type 23146 Key-Control Panel	B		24*	Type 61339 Pedestal Insulators	C	16I9838
1	Type 49063 Jackbox	B	16B10010	1	Type 66143 Antenna Assembly	B	16G4000
1	Type 50064 Modulator Equipment	B		5*	Type 61471 Entrance Insulators	B	
1	Model TDZ Series Transmitting Equipment	B					
1	Model RDZ Series Receiving Equipments	B					
1	Model TBS Series Transmitting-Receiving Equipment	B					
<b>PILOT HOUSE</b>				<b>ANTENNA SYSTEM</b>			
1	Type 23146 Key-Control Panel	B		6	Type 28006A Receiver Protective Units	B	
1	Type 23423 Radiophones Unit	B		50*	Type 49120 Concentric Jacks	C	16J1200
1	Type 49029 Jackbox	B	16B10050	18*	Type 49123 Concentric Patchcords Assemblies	B	
1	Type 49546 Loudspeaker Unit	B		6	Type 63285 Static-Leak Resistors, (1/2 meg.)	C	16R18225
1	Type 49620 Series Speaker-Amplifier Unit	B		14*	Type 61493 Suspension Insulators	C	16I12146
1	Model MBF Series Transmitting-Receiving Equipment	B		12*	Type 61479 Suspension Insulators	C	16I12105
1	Type 23135 Remote Unit	B		4*	Type 61019C Entrance Insulators	B	16I5951
1	Type 51019 Handset	B		4	Type 61475 Entrance Insulators	B	16I5975
<b>CHART HOUSE</b>				<b>COMBAT INFORMATION CENTER</b>			
1	Model DAS Series Loran Equipment	B		1	Model RBS Series Receiving Equipment	B	
1	Type 49029 Jackbox	B	16B10050	1	Type 23146 Key-Control Unit	B	
				1	Type 23423 Radiophone Unit	B	
				1	Type 49029 Jackbox	B	
				1	Type 49620 Series Speaker-Amplifier Units	B	
				1	Type 49546 Loudspeaker Unit	B	
				1	Type 23135 Remote Unit	B	
				1	Type 51019 Handset	B	

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

- Ø = 1 each of following spaces as applicable - Flag Officer Quarters; Squadron Commander Quarters; Commanding Officer Quarters; Ward Room Mess; Junior Officer Mess; Warrant Officer Mess; Chief Petty Officer Mess.
- ⊕ = 1 Additional for Fleet, Flotilla and Squadron Flag.
- ⊕⊕ = 2 Additional for Fleet, Flotilla and Squadron Flag.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 June 1945	1 May 1945	III	150A	RE IIA 100

TYPE
AS

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**SUBMARINE TENDERS**

NAVSHIPS - 981

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
					<u>SEARCH AND IFF RADAR</u>		
				1	Medium Air Search Radar	B	
				1	Large Surface Search Radar	B	
				1	Model BL or BM Series Interrogator Responcor	B	
				1	Model BM Series Interrogator Responcor	B	
				2	Model BK Series Transpondors	B	
				+2	Type CT2-66ACG or CT2-66AFJ Antennas	B	
				+1	Type CCL- 211014 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
					<u>FIRE CONTROL RADAR EQUIPMENT</u>		
				1	Fire Control Radar Equipment MK26	B	
				#1	Fire Control Radar Equipment MK12	B	
				#1	Fire Control Radar Equipment MK22	B	
				#1	Fire Control Radar Equipment MK32	B	
					<u>SONAR MATERIAL</u>		
				1	Model NM Series Sounding Equipment	B	
				1	Model NK Series (Portable) Sounding Equipment	B	
					<u>RCM MATERIAL</u>		
					None		
	<b>RADAR MATERIAL - ELECTRONIC SHOP</b>						
1	Medium Surface Search Radar Model SJ-1	B					

RADIO DIVISION - BUREAU OF SHIPS

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

- \* = Allowed on AS11, 12, 15-19.
- + = One additional allowed when Air Search Radar Antenna does not include IFF Array.
- ++ = Substitute CCL - 211018 on AC Vessels.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	150B	III		1 May 1945

35



**FITTING - OUT**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**SUBMARINE TENDERS**

<b>TYPE</b>
<b>AS</b>

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>			
1	Model OAA-2 Echo Box			Ø1	Model TBX Series Portable Transmitting-Receiving Equipment	B	
1	Model OAO-2 Echo Box			2	Model SCR-610 Transmitting-Receiving Equipment	B	
1	Model OBU-2 Echo Box			11	Type 49016 Head Telephone Assemblies	B	16H3930
1	Model OBU-2, 3 Echo Box			2	Model OAH Code Practice Sets		
1	Model TS-218/UP Echo Box						
1	Model TS-275/UP Echo Box						
1	Model TS-311/UP Echo Box						
2	Model OAP Series Frequency Meters	B					
1	Model TS-33/AP Series Frequency Meters	B					
1	Model TS-173/UR Series Frequency Meter	B					
2	Model TS-182/UP Series Frequency Meters	B					
1	Type 60 ABM Frequency Meters	B					
2	Model OBL Series Oscilloscopes	B					
1	Model OBT Series Oscilloscope	B		6	Type 49016 Head Telephone Assemblies	B	16H3930
1	Model TS-34A/UP Synroscope	B		6	Type 61493 Suspension Insulators	C	16I12145
1	Model TS-148/UP Analyzer	B		6	Type 61479 Suspension Insulators	C	16I12105
1	Model LAE Series Signal Generator	B		1	Type 61475 Entrance Insulator	B	16I5975
1	Model LAF Series Signal Generator	B		1	Type 61019C Entrance Insulator	B	16I5951
1	Model LAG Series Signal Generator	B		2	Type 61476 Insulator Bowls	C	16I14025
1	Model LO Series Signal Generator	B		5	Type 61339 Pedestal Insulators	C	16I9838
1	Model LP Series Signal Generator	B		300 ft.	Type 7-#18 Bronze Antenna Wire	C	16W3740
1	Model OCD Series Pulsar	B		200 ft.	5/16" dia. (6x19) Bronze Wire Rope	C	22R200
1	Model TS-35 A/AP Series Signal Generator	B		200 ft.	7/16" dia. (6x19) Bronze Wire Rope	C	22R210
1	Model TS-202/U Harmonic Generator	B		1	Type 61471 Entrance Insulators		
1	Model TS-331/UR Series Signal Generator	B		2	Type 61470 Insulator Bowl		
1	Model 709B(RCA) Series Signal Generator	B		2	Type 61234 Insulator Bowl		
1	Model OAW Series Tube Tester	B					
3	Model OZ Series Tube Testers	B					
1	Model AN/UPM-1b Osc., WM. Scope	B					
1	Model AN/UPM-7 Test Kit	B					
2	Model OCV F. S. & Noise Meter	B					
1	Model OAX Series Sonar Monitor	B					
1	Model OBQ VT Volt Ohm milliammeter	B					
3	Model OCR Series Volt Ohm Milliammeter	B		6	Blades, hacksaw, type "B", 18 teeth	C	41B1163
2	Model OF Series Field Strength Meter	B		6	Blades, hacksaw, type "B", 32 teeth	C	41B1164
1	Model OL Series Sonar Monitor	B		1	Chisel, machinists', hand, 1/4"	C	41C1052
1	Model TS-15A/AP Fluxmeter	B		1	Chisel, machinists', hand, 3/8"	C	41C1062
2	Model TS-89/AP Voltage Divider	B		1	Cutter, circle, 1" to 5-1/2" Round Shank (Pawood #5 or equal)	C	
1	Model TS-102/UP Range Calibrator	B		1	Drill, hand, 3/8" capacity	C	41D1828
2	Model TS-231/UP R F Load	B		1	Drill, breast, 1/2" capacity	B	41D1663
1	Model TS-358/UP Range Calibrator	B		1 set	Drills, twist, carbon-steel, type "K"	B	40D1250
2	Model OCW Series Megger	B		1	File, flat, 6"	C	41F870
10	Type 10223 Repair Kits	B		1	File, flat, 8"	C	41F872
2	Type 60007 C & R Bridge	B		1	File, flat, 10"	C	41F874
2	Type 60089 V. T. Megohmmeter	B		1	Frame, hacksaw, adjustable	C	41F3390
2	58 Measurements Corp. Noise M	B		1	Hammer, machinists', 1/2 lb.	C	41H521
2	715 AE (GEN. Radio) Amplifier	B		1	Iron, soldering, electric, light duty	B	41I688
2	Recorder Esterline Angus	B		1	Iron, soldering, electric, medium duty	B	41I691
2	Type 10496 Terminal Kits	B		1	Pliers, combination, slip-joint, 6"	C	41P1631
1	Model LM Series Frequency Meter	B		1	Pliers, combination, slip-joint, 8"	C	41P1633
1	Model TS-62/AP Echo Box	B		1	Pliers, diagonal cutting, 4"	C	41P1710
1	Model 300 Ballantine Vacuum Tube Voltmeter	B		1	Pliers, diagonal cutting, 6"	C	41P1714
1	Model TS34/AP Portable Oscilloscope	B		1	Pliers, round nose, short, 4"	C	41P1910
				1	Pliers, round nose, short, 6"	C	41P1914
				1	Pliers, side cutting, flat nose, 6"	C	41P1974
				1	Pliers, side cutting, flat nose, 8"	C	41P1977
				1	Pliers, long nose, 6" (Utica #655 or equal)	C	

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

Ø = Two additional for Flotilla Flags.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945		III	150C	RE IIA 100

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">TYPE</td> </tr> <tr> <td style="text-align: center; font-size: 2em;">AS</td> </tr> </table>	TYPE	AS	FITTING - OUT <b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b> FOR <b>SUBMARINE TENDERS</b>
TYPE			
AS			

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TOOLS (Contd.)</u>							
1	Punch, center, 3/8"	C	41T3185				
1	Screwdriver, common, 3" blade	C	41S1101				
1	Screwdriver, common, 4" blade	C	41S1102				
1	Screwdriver, common, 6" blade	C	41S1104				
1	Screwdriver, common, 8" blade	C	41S1106				
1	Screwdriver, common, 12" blade	C	41S1110				
1	Screwdriver, slim-shank, 6" blade	C	41S1156				
1	Screwdriver, Phillips 3" blade #1 point	C	41S165-15				
1	Screwdriver, Phillips, 4" blade, #2 point	C	41S165-30				
1	Torch, gasoline, 1 quart	B	41T3645				
1	Vise, bench, Class A, 3" jaws	B	41V242				
1	Wrench, open-end, 15° double-head, 7/16" & 1/2"	C	41W1000				
1	Wrench, open-end, 15° double-head, 9/16" & 5/8"	C	41W1005				
1	Wrench, open-end, 15° double-head, 5/8" & 3/4"	C	41W1008				
1	Wrench, open-end, 15° double-head, 3/4" & 13/16"	C	41W1012				
1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41W1019				
1	Wrench, open-end, 15° double-head, 1" & 1-1/8"	C	41W1024				
1 set	Wrenches, socket, hollow-shank,	B	41W2623-425				
1 set	Wrenches, setscrew, (Allen #004 or equal)	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	150D	III	1 August 1945	1 November 1945

# TENDER TYPE ALLOWANCE OF ELECTRONIC MATERIAL FOR SUBMARINE TENDERS

TYPE

AS

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TENDER SPARES</u>				<u>TOOLS</u>			
1	Model DAS Series Tender Spares	B		1	Blower, Portable, electric	B	17B21185
1	Model RAK Series Tender Spares	B		12	Blades, hacksaw, type "B", 18 teeth	C	41B1163
1	Model RAL Series Tender Spares	B		12	Blades, hacksaw, type "B", 32 teeth	C	41B1164
1	Model RBH Series Tender Spares	B		2	Chisels, machinists', hand, 1/4"	C	41C1052
1	Model RBO Series Tender Spares	B		2	Chisels, machinists', hand, 3/8"	C	41C1062
1	Model TBL Series Tender Spares	B		2	Cutters, circle, 1" to 5-1/2" Round Shank (Pawood #5 or equal)	C	
1	Model LM Series Tender Spares	B		1	Drill, portable, electric, 1/4" capacity	B	40D341
1	Model OBQ Series Tender Spares	B		1	Drill, hand, 3/8" capacity	B	41D1828
1	Model OZ Series Tender Spares	B		1	Drill, breast, 1/2" capacity	C	41D1663
1	Model SCR624 Series Tender Spares	B		2 sets	Drills, twist, carbon-steel, type "K"	B	40D1250
1	Model AN/ARC4 Series Tender Spares	B		1	Frame, hacksaw, adjustable	C	41F3390
1	Type 50064 Modulator Tender Spares	B		2	Files, flat, 6"	C	41F870
1	Type 66134 VHF Antenna	B		2	Files, flat, 8"	C	41F872
1	Type 3D Series Tender Spares	B		2	Files, flat, 10"	C	41F874
1	Type SJ Series Tender Spares	B		1	Hammer, machinists', 1/2 lb.	C	41H521
1	Type ST Series Tender Spares	B		1	Hammer, machinists', 1 lb.	C	41H523
1	Type SV Series Tender Spares	B		1	Iron, soldering, electric, light duty	B	41I688
1	Type SS Series Tender Spares	B		1	Iron, soldering, electric, medium duty	B	41I691
1	Type SN Series Tender Spares	B		1	Iron, soldering, electric, heavy duty	B	41I685
1	Type BK Series Tender Spares	B		2	Pliers, combination, slip-joint, 6"	C	41P1631
1	Type WDA/WDA-1 Tender Spares	B		2	Pliers, combination, slip-joint, 8"	C	41P1633
1	Type WCA/WCA-1 Tender Spares	B		2	Pliers, diagonal cutting, 4"	C	41P1710
1	Type WCA/WCA-1 Tender Spares	B		2	Pliers, diagonal cutting, 6"	C	41P1714
1	Type NJ9 Series Tender Spares	B		2	Pliers, round nose, short, 4"	C	41P1910
2	Type JP 66 AFU-1 Antenna (IFF) Tender Spares	B		2	Pliers, round nose, short, 6"	C	41P1914
5	Type complete BK Equipments	B		2	Pliers, side cutting, flat nose, 6"	C	41P1794
2	Type complete BN Equipments	B		2	Pliers, side cutting, flat nose, 8"	C	41P1977
2	Type CTZ-50ACW Duplexers	B		2	Pliers, long nose, 6"	C	-
				3	Pliers, Phone-Tip, Type 49112	B	
				2	Punches, center, 3/8"	C	41T3185
				1	Square, combination, 12"	C	41S4527
				1	Shears, hand, type "B"	C	41S2798
				1	Scriber, machinists', 9"	C	41S2030
				2	Screwdrivers, common, 3" blade	C	41S1101
				2	Screwdrivers, common, 4" blade	C	41S1102
				2	Screwdrivers, common, 6" blade	C	41S1104
				2	Screwdrivers, common, 8" blade	C	41S1106
				2	Screwdrivers, common, 12" blade	C	41S1110
				2	Screwdrivers, slim-shank, 6" blade	C	41S1156
				1	Screwdriver, Phillips 3" blade #1 point	C41	41S1645-15
				2	Screwdrivers, Phillips, 4" blade	C41	41S1645-20
				2	Screwdrivers, Phillips, 8" blade	C41	41S1645-30
				1	Torch, gasoline, 1 quart	B	41T3645
				1	Vise, bench, 3" jaws	B	41V242
				1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000
				1	Wrench, open-end, 15" double-head, 1/16" & 5/8"	C	41W1005
				1	Wrench, open-end, 15" double-head, 5/8" & 3/4"	C	41W1008
				1	Wrench, open-end, 15" double-head, 3/4" & 13/16"	C	41W1012
				1	Wrench, open-end, 15" double-head, 7/8" & 15/16"	C	41W1019
				1	Wrench, open-end, 15" double-head, 1" & 1-1/8"	C	41W1024
<u>MISCELLANEOUS MATERIAL</u>							
10	Type 26012A Telegraph Keys	B	16K1790	1	Screwdriver, Phillips 3" blade #1 point	C41	41S1645-15
25	Type 49009 Head Telephone Bands	C	16H3800	2	Screwdrivers, Phillips, 4" blade	C41	41S1645-20
25	Type 49012 Head Telephone Cords	C	16C35770	2	Screwdrivers, Phillips, 8" blade	C41	41S1645-30
10	Type 49016 Head Telephone Assemblies	B	16H3930	1	Torch, gasoline, 1 quart	B	41T3645
25	Type 49034 Telephone Plugs	C	16P4580	1	Vise, bench, 3" jaws	B	41V242
5	Type 49063 Jackboxes	B	16B10010	1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000
25	Type 61174B Pedestal Insulators	C	16I9829	1	Wrench, open-end, 15" double-head, 1/16" & 5/8"	C	41W1005
100	Type 61175A Pedestal Insulators	C	16I9832	1	Wrench, open-end, 15" double-head, 5/8" & 3/4"	C	41W1008
50	Type 61249 Suspension Insulators	C	16I6000	1	Wrench, open-end, 15" double-head, 3/4" & 13/16"	C	41W1012
10	Type 61276A Entrance Insulators	B	16I4020	1	Wrench, open-end, 15" double-head, 7/8" & 15/16"	C	41W1019
20	Type 61277 Insulator Bowls	C	16I6025	1	Wrench, open-end, 15" double-head, 1" & 1-1/8"	C	41W1024
5	Type 61303 Entrance Insulators	C	469905				
5 Lbs	Solder, wire rosin core	C	22R195				
1000ft	1/4" dia. (6x19) Bronze Wire Rope	C					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
10 July 1945	1 May 1945	III	150E	RE IIA 100

TYPE
AS

**TENDER**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**SUBMARINE TENDERS**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TOOLS (Continued)</u>							
1 Set	Wrenches, open-end, 22-1/2" double-head, 1/4" to 1"	B	41W2100				
1 Set	Wrenches, socket, medium duty, 1/4" to 1"	B	41W2997				
1	Wrench, pipe, adjustable, 10"	C	41W1652				
2 Sets	Wrenches, socket, hollow-shank	B	41W2623-425				
1 Set	Wrenches, setscrew (Allen #60 <sup>4</sup> or equal)	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	150 F	III	1 May 1945	10 July 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**SUBMARINE RESCUE VESSELS**

TYPE
ASR

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b><u>RADIO CENTRAL</u></b>				<b><u>ANTENNA SYSTEM (CONT'D)</u></b>			
1	Model TDZ Series Transmitting Equipment	B		4	Type 28006A Receiver-Protective Units	B	16P8800
1	Model TBL Series Transmitting Equipment	B		10*	Type 49120 Concentric Jacks	C	16J1200
1	Model TBS Series Transmitting-Receiving Equipment	B		5*	Type 49123 Concentric Patchcord Assemblies	B	
2	Model RDZ Series Receiving Equipments	B		4*	Type 61471 Entrance Insulators	B	
1	Model RAK Series Receiving Equipment	B		1	Type 66143 Antenna Assembly	B	
1	Model RAL Series Receiving Equipment	B					
1	Model REE Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
1	Type 50064 Modulator Equipment	B					
1	Type 23436 Receiver Transfer Panel	B					
1	Type 23437 Transmitter Transfer Panel	B					
1	Type 23146 Key-Control Panel	B					
2	Type 28002 Resistor Clips	C		e2	Type 211008 Motor Generator Sets		
e1	Type 23156 Motor Generator Transfer Panel	B		3	Type 49620 Series Speaker-Amplifier Units	B	
1	Type 23135 Control Unit	B		1	Type 211403 Motor Generator Set	B	
1	Type 49063 Jackbox	B	16B10010				
1	Type 613023 Resistor, 3150 ohms, Style E	C	16R18230				
1	Type 51019 Hand Telephone Assembly	B					
<b><u>PILOT HOUSE</u></b>				<b><u>RADAR MATERIAL</u></b>			
1	Type 51019 Hand Telephone Assembly	B		1	Small Surface Search Radar	B	
1	Model RBS Series Receiving Equipment	B		1	Model BN Series Interrogator Responder	B	
5	Type 49546 Loudspeaker Unit	B		1	Model BK Series Transponder	B	
1	Type 23135 Control Unit	B		2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B	
1	Type 23146 Key-Control Panel	B		1	Type CCL - 211014 Motor Generator	B	
2	Type 23423 Radiophone Unit	B		4	Type 6V-8BM-15AH Storage Batteries	B	17B9490
1	Type 49029 Jackbox	B	16B10050				
3	Type 50210 Amplifier Units	B					
<b><u>CHART HOUSE</u></b>				<b><u>SONAR MATERIAL</u></b>			
1	Model DAS Series Loran Equipment	B		1	Model QJB Ranging Equipment	B	
1	Type 49029 Jackbox	B	16B10050	1	Model NM Series Sounding Equipment	B	
<b><u>ANTENNA SYSTEM</u></b>				2	Model NK Series (Portable) Sounding Equipment	B	
2*	Type 61493 Suspension Insulators	C	16I12145	1	Range Recorder	B	
6*	Type 61479 Suspension Insulators	C	16I12105	1	Bathy-Thermograph	B	
2*	Type 61019C Entrance Insulators	B	16I5951	1		B	
2	Type 61475 Entrance Insulators	B					
12*	Type 61339 Pedestal Insulators	C	16I9838				
2	Type 61552 Anti-Corona Caps	B	16C4000				
3	Type 63288 Static-Leak Resistors (1/2 megohm)	C	16R18225				
<b><u>RCM MATERIAL</u></b>				None			

**QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES**

**SPECIAL EXCEPTIONS AND REMARKS**

e = For ASR 13-18 only.  
 1 = Assigned by Commander Service Forces and Type Commanders.

**THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 October 1946	1 July 1946	III	151A	RE IIA 100



TYPE  
**ASR**

FITTING - OUT  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
SUBMARINE RESCUE VESSELS

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<u>TESTING EQUIPMENT</u>				<u>TOOLS (Cont.)</u>		
1	Model CHL Series Oscilloscopes	B		1	Pliers, side cutting, flat nose, 8"	C	41P1977
1	Model OZ Series Vacuum Tube Analyzer	B		1	Pliers, long nose, 6"	C	41P1991
2	Type 10223 Repair Kits	B		1	Punch, center, 3/8"	C	41T7185
1	Model OAX Sonar Monitor	B		1	Screwdriver, common, 3" blade	C	41S1101
				1	Screwdriver, common, 4" blade	C	41S1102
				1	Screwdriver, common, 6" blade	C	41S1104
				1	Screwdriver, common, 8" blade	C	41S1106
				1	Screwdriver, common, 12" blade	C	41S1110
				1	Screwdriver, slim-shank, 6" blade	C	41S1156
	<u>MISCELLANEOUS EQUIPMENTS AND MATERIAL</u>			1	Screwdriver, Phillips 3" blade, #1 point	C	41S16415
4	Model TBY Series Portable Transmitting-Receiving Equipments	B		1	Screwdriver, Phillips 4" blade, #2 point	C	41S16420
3	Type 49016 Head Telephone Assemblies	B	16H3930	1	Screwdriver, Phillips, 8" blade, #4 point	C	41S16430
1	Model OAH Series Code Practice Set	B		1	Torch, gasoline, 1 quart	B	41T7645
2	Model SCR-610 Series Trans.-Rec'g. Eqpts	B		1	Vise, bench, 3" Jaws Class A	B	41V242
				1	Wrench, open-end, 15° double-head, 7/16" & 1/2"	C	41W1000
	<u>MISCELLANEOUS SPARES</u>			1	Wrench, open-end, 15° double-head, 9/16" & 5/8"	C	41W1005
2	Type 49016 Head Telephone Assemblies	B	16H3930	1	Wrench, open-end, 15° double-head, 5/8" & 3/4"	C	41W1008
1	Type 61493 Suspension Insulator	C	16I12145	1	Wrench, open-end, 15° double-head, 3/4" & 13/16"	C	41W1012
3	Type 61479 Suspension Insulator	C	16I12105	1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41W1019
1	Type 61019C Entrance Insulator	B	16I5951	1	Wrench, open-end, 15° double-head, 1" & 1-1/8"	C	41W1024
3	Type 61339 Pedestal Insulators	C	16I9838	1 set	Wrenches, socket, hollow-shank	B	41W2645
1	Type 61471 Entrance Insulator	B		1 set	Wrenches, setscrew, (Allen #60L or equal)	B	
1	Type 61475 Entrance Insulator	B					
1	Type 61023 Resistor, 3150 ohms, Style E	C	16W3740				
300 ft.	7-#18 Bronze Antenna Wire	C	22R200				
300 ft.	5/16" dia. (6x19) Bronze Wire Rope	C					
	<u>TOOLS</u>						
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Chisel, machinists', hand, 1/4"	C	41C1052				
1	Chisel, machinists', hand, 3/8"	C	41C1062				
1	Cutter, circle, 1" to 5-1/2", 1/2" Round Shand(Pawood #5 or equal)	C	-				
1	Drill, hand, 3/8" capacity	C	41D1828				
1	Drill, breast, 1/2" capacity	B	41D1663				
1 set	Drills, twist, carbon-steel, type "K"	B	40D1250				
1	File, flat, 6"	C	41F870				
1	File, flat, 8"	C	41F872				
1	File, flat, 10"	C	41F874				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists', 1/2 lb.	C	41H521				
1	Iron, soldering, electric, light duty	B	41I688				
1	Iron, soldering, electric, medium duty	B	41I691				
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, combination, slip-joint, 8"	C	41P1633				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, round nose, short, 4"	C	41P1910				
1	Pliers, round nose, short, 6"	C	41P1914				
1	Pliers, side cutting, flat nose, 6"	C	41P1974				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	151B	III	1 May 1945	1 October 1945

INSTALLATION  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
OCEAN TUGS AUXILIARY

TYPE
ATA

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO CENTRAL</u>				<u>ANTENNA SYSTEM (Cont.)</u>			
1	Model RAK Series Receiving Equipment	B		3	Type 63288 Static-leak Resistors (1/2 meg.)	C	16R1E225
1	Model RAL Series Receiving Equipment	B		3	Type 28006A Receiver Protective Units	B	16P8800
1	Model RBE Series Receiving Equipment	B		12*	Type 49120 Concentric Jacks	C	16J1200
1	Model TBL Series Transmitting Equipment	B		6*	Type 49123 Concentric Patchcord Assemblies	B	
1	Model LM Series Frequency Meter	B		4*	Type 61471 Entrance Insulator	B	
1	Model TDZ Series Transmitting Equipment	B		1	Type 66143 Antenna Assembly		
2	Model RDZ Series Receiving Equipment	B					
1	Model TCS Series Transmitting-Receiving Equipment	B					
1	Type 50064 Modulator Equipment	B					
1	Type 23437 Transmitter Transfer Panel	B					
1	Type 23146 Key-Control Panel	B					
1	Type 49063 Jackbox	B	16B10010				
1	Type 631023 Resistor, 3150 ohms, Style E	C					
2	Type 28002 Resistor Clips	C		3	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
1	Type 23436 Receiver Transfer Panel	B		e2	Type 21821 Motor-Generator Units	B	
e1	Type 23156 Motor-Generator Transfer Panel	B		4	Type 6V-SBM-200 AH Storage Batteries		
1	Type 21800 Motor-Generator Unit	B					
<u>PILOT HOUSE</u>				<u>ELSEWHERE</u>			
1	Model RBS Series Receiving Equipment	B					
1	Model MBF Series Trans.-Rec. Equipment	B					
4	Type 49546 Loudspeaker Unit	B					
1	Type 23146 Key-Control Panel	B					
1	Type 49029 Jackbox	B					
3	Type 50210 Amplifier Units	B	16B10050	1	Small Surface Search Radar	B	
2	Type 23423 Radiophone Unit	B		1	Model BN Series Interrogator Responder	B	
1	Model SCR-608 Transmitting-Receiving Equipment	B		1	Model BK Series Transponders	B	
				2	Type CTZ-66AGG or CTZ-66AFJ Antennas	B	
				1	Type GCL - 211014 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
<u>CHART HOUSE</u>				<u>RADAR MATERIAL</u>			
ø1	Model DAS Series Loran Equipment	B	16B10050				
1	Type 49029 Jackbox	B					
<u>CHART HOUSE</u>				<u>SONAR MATERIAL</u>			
ø1	Model DAS Series Loran Equipment	B	16B10050				
1	Type 49029 Jackbox	B					
<u>ANTENNA SYSTEM</u>				<u>SONAR MATERIAL</u>			
5*	Type 61493 Suspension Insulators	C	16I12145	ø1	Model QCU Ranging Equipment	B	
16*	Type 61479 Suspension Insulators	C	16I12105	1	Model NJ Series Sounding Equipment	B	
2*	Type 61019C Entrance Insulators	B	16I5951	ø1	Range Recorder		
2*	Type 61475 Entrance Insulators	B					
12*	Type 61339 Pedestal Insulators	C	16I9838				
2	Type 61352 Anti-Corona Caps	B	1604000				
<u>ANTENNA SYSTEM</u>				<u>RCM MATERIAL</u>			
				None			

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

- ø = Individual Ships to be designated by CNO.  
e = For vessels in which 115 v.a.c. power is not available for radio equipment.  
Δ = Ships having depth charge racks.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	1 July 1945	III	156A	RE IIA 100

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">TYPE</td> </tr> <tr> <td style="text-align: center; font-size: 2em; font-weight: bold;">ATA</td> </tr> </table>	TYPE	ATA	FITTING - OUT <b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b> FOR <b>OCEAN TUGS AUXILIARY</b>
TYPE			
ATA			

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Cont.)</u>			
4	Model OAX Series Sonar Monitor	B		1	Pliers, round nose, short, 6"	C	41P1914
1	Model OZ Series Vacuum Tube Analyzer	B		1	Pliers, side cutting, flat nose, 6"	C	41P1974
1	Model OBL Oscilloscope	B		1	Pliers, side cutting, flat nose, 8"	C	41P1977
2	Type 10223 Repair Kits	B		1	Pliers, long nose, 6"	C	41P1991
				1	Punch, center, 3/8"	C	41T3185
				1	Screwdriver, common, 3" blade	C	41S1101
				1	Screwdriver, common, 4" blade	C	41S1102
				1	Screwdriver, common, 6" blade	C	41S1104
				1	Screwdriver, common, 8" blade	C	41S1106
				1	Screwdriver, common, 12" blade	C	41S1110
				1	Screwdriver, slim-shank, 6" blade	C	41S1156
				1	Screwdriver, Phillips 3" blade #1 point	C	41S164515
				1	Screwdriver, Phillips, 4" blade, #2 point	C	41S164520
				1	Screwdriver, Phillips, 5" blade, #4 point	C	41S164530
4	Type 49016 Head Telephone Assemblies	B	16H3930	1	Torch, gasoline, 1 quart	B	41T3645
1	Model SCR-610 Portable Transmitting-Receiving Equipment	B		1	Vise, bench, 3" Jaws Class A	B	41V242
3	Model SCR-536 Portable Transmitting-Receiving Equipment	B		1	Wrench, open-end, 15° double-head, 7/16" & 1/2"	C	41W1000
<u>MISCELLANEOUS SPARES</u>				<u>MISCELLANEOUS SPARES</u>			
1	Type 21800 Motor-Generator Unit	B		1	Wrench, open-end, 15° double-head, 9/16" & 5/8"	C	41W1005
2	Type 49016 Head Telephone Assemblies	B	16H3930	1	Wrench, open-end, 15° double-head, 5/8" & 3/4"	C	41W1008
1	Type 61493 Suspension Insulator	C	16I12145	1	Wrench, open-end, 15° double-head, 3/4" & 13/16"	C	41W1012
1	Type 61479 Suspension Insulator	C	16I12105	1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41W1019
1	Type 61019C Entrance Insulator	B	16I5951	1	Wrench, open-end, 15° double-head, 1" & 1-1/8"	C	41W1024
3	Type 61339 Pedestal Insulators	C	16I9838	1 set	Wrenches, socket, hollow-shank	B	41W164515
1	Type 61471 Entrance Insulator	B		1 set	Wrenches, setcrew, (Allen #604 or equal)	B	
1	Type 61475 Entrance Insulator	B					
1	Type 631023 Resistor, 3150 ohms, Style E	C	16R18230				
300	Ft. 7-#18 Bronze Antenna Wire	C	16W3740				
300	Ft. 5/16" dia. (6x19) Bronze Wire Rope	C	22R200				
<u>TOOLS</u>				<u>TOOLS</u>			
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Chisel, machinists', hand, 1/4"	C	41C1052				
1	Chisel, machinists', hand, 3/8"	C	41C1062				
1	Cutter, circle, 1" to 5-1/2", 1/2" round shank (Pawood #5 or equal)	C					
1	Drill, hand, 3/8" capacity	C	41D1828				
1	Drill, breast, 1/2" capacity	B	41D1663				
1 set	Drills, twist, carbon-steel, type "K"	B	40D1250				
1	File, flat, 6"	C	41F870				
1	File, flat, 8"	C	41F872				
1	File, flat, 10"	C	41F874				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists', 1/2 lb.	C	41B521				
1	Iron, soldering, electric, light duty	B	41I688				
1	Iron, soldering, electric, medium duty	B	41I691				
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, combination, slip-joint, 8"	C	41P1633				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, round nose, short, 4"	C	41P1910				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

1 = Ships having depth charge racks.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	156*	III	1 July 1945	1 November 1945

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**OCEAN TUGS FLEET**

<b>TYPE</b>
<b>ATF</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO CENTRAL</u>				<u>ANTENNA SYSTEM (Cont.)</u>			
1	Model RAK Series Receiving Equipment	B		12*	Type 61339 Pedestal Insulators	C	16I9838
1	Model RAL Series Receiving Equipment	B		2	Type 61352 Anti-Corona Caps	B	16C4000
1	Model REX Series Receiving Equipment	B		3	Type 63288 Static-Leak Resistors (1/2 meg.)	C	16R18225
1	Model THL Series Transmitting Equipment	B		4*	Type 61471 Entrance Insulator	B	
1	Model LM Series Frequency Meter	B		1	Type 66143 Antenna Assembly	C	16J1200
1	Model TCS Series Transmitting-Receiving Equipment	B		12*	Type 49120 Concentric Jacks	C	
1	Model TDZ Series Transmitting Equipment	B		6*	Type 49123 Concentric Patchcord Assemblies	B	
2	Model RDZ Series Receiving Equipment	B		3	Type 28006A Receiver Protective Units	B	16P8500
1	Type 23437 Transmitter Transfer Panel	B					
1	Type 23146 Key-Control Panel	B					
2	Type 28002 Resistor Clips	C					
1	Type 23436 Receiver Transfer Panel	B					
e1	Type 23156 Motor-Generator Transfer Panel	B					
1	Type 21800 Motor-Generator Unit	B					
1	Type 49063 Jackbox	B	16B10010				
1	Type 50064 Modulator Equipment	B		3	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
1	Type 631023 Resistor, 3150 ohms, Style E	C		e2	Type 21821 Motor-Generator Units	B	
				4	Type 6V-SBM-200 AH Storage Batteries		
<u>PILOT HOUSE</u>				<u>ELSEWHERE</u>			
1	Model RBS Series Receiving Equipment	B					
1	Model MBF Series Transmitting-Receiving Equipment	B					
4	Type 49546 Loudspeaker Unit	B					
1	Type 23146 Key-Control Panel	B					
1	Type 49029 Jackbox	B	16B10050	1	Small Surface Search Radar (SO-1/SO-8)	B	
3	Type 50210 Amplifier Units	B		1	Model BN Series Interrogator Responder	B	
2	Type 23423 Radiophone Unit	B		1	Model BK Series Transponder	B	
1	Model SCR-608 Transmitting-Receiving Equipment	B		2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B	
				1	Type GCL - 211014 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
<u>CHART HOUSE</u>				<u>RADAR MATERIAL</u>			
1	Model DAS Series Loran Equipment	B	16B10050				
1	Type 49029 Jackbox	B					
<u>ANTENNA SYSTEM</u>				<u>SONAR MATERIAL</u>			
5*	Type 61493 Suspension Insulators	C	16I12145	41	Model QCU Ranging Equipment	B	
16*	Type 61479 Suspension Insulators	C	16I12105	1	Model NJ Series Sounding Equipment	B	
2*	Type 61019C Entrance Insulators	B	16I5951	41	Range Recorder	B	
2*	Type 61475 Entrance Insulators	B					
				<u>RCM MATERIAL</u>			
				None			

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

e = For vessels in which 115 v.a.c. power is not available for radio equipment.  
 A = Ships having depth charge racks.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	10 July 1945	III	157A	RE IIA 100



TYPE  
**ATF**

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
FOR  
**OCEAN TUGS FLEET**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Continued)</u>			
*1	Model OAX Series Sonar Monitor	B		1	Pliers, side cutting, flat nose, 6"	C	41P1974
1	Model OZ Series Vacuum Tube Analyzer	B		1	Pliers, side cutting, flat nose, 8"	C	41P1977
1	Model OBL Oscilloscope	B		1	Pliers, long nose, 6"	C	41P1991
2	Type 10223 Repair Kits	B		1	Punch, center, 3/8"	C	41T7185
<u>MISCELLANEOUS EQUIPMENT &amp; MATERIAL</u>							
4	Type 49016 Head Telephone Assemblies	B	16H3930	1	Screwdriver, common, 7" blade	C	41S1101
1	Model TBY Series Portable Transmitting-Receiving Equipment	B		1	Screwdriver, common, 4" blade	C	41S1102
1	Model OAH Series Code Practice Set	B		1	Screwdriver, common, 6" blade	C	41S1104
1	Model SCR-610 Portable Transmitting-Receiving Equipment	B		1	Screwdriver, common, 8" blade	C	41S1106
3	Model SCR-536 Portable Transmitting-Receiving Equipments	B		1	Screwdriver, common, 12" blade	C	41S1110
<u>MISCELLANEOUS SPARES</u>							
1	Type 21800 Motor-Generator Unit	B		1	Screwdriver, slim-shank, 6" blade	C	41S1156
2	Type 49016 Head Telephone Assemblies	B	16H3930	1	Screwdriver, Phillips 3" blade #1 point	C	41S1645-15
1	Type 61493 Suspension Insulator	C	16I12145	1	Screwdriver, Phillips 4" blade #2 point	C	41S1645-20
1	Type 61479 Suspension Insulator	C	16I12105	1	Screwdriver, Phillips 8" blade #4 point	C	41S1645-30
5	Type 610143 Entrance Insulator	C	16I5951	1	Torch, gasoline, 1 quart	B	41T7645
1	Type 61379 Pedestal Insulators	C	16I9878	1	Vise, bench, Class A, 3" jaws	B	41V242
1	Type 61471 Entrance Insulator	B		1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000
1	Type 61475 Entrance Insulator	B		1	Wrench, open-end, 15" double-head, 9/16" & 5/8"	C	41W1005
1	Type 61023 Resistor, 3150 ohms, Style E	C		1	Wrench, open-end, 15" double-head, 5/8" & 3/4"	C	41W1008
300	Ft. 7-#13 Bronze Antenna Wire	C	16W3740	1 set	Wrench, open-end, 15" double-head, 1" & 1-1/8"	C	41W1024
300	Ft. 5/16" dia. (6x19) Bronze Wire Rope	C	22R200	1 set	Wrenches, socket, hollow-shank	C	41W2621-42
<u>TOOLS</u>							
6	Blades, hacksaw, type "B", 13 teeth	C	41B1167		Wrenches, setscrew, (Allen #604 or equal)	B	
6	Blades, hacksaw, type "B", 32 teeth	B	41B1164				
1	Chisel, machinists', hand, 1/4"	C	41C1052				
1	Chisel, machinists', hand, 3/8"	C	41C1062				
1	Cutter, circle, 1" to 5-1/2", 1/2" round shank, (Pawood #5 or equal)	C					
1	Drill, hand, 3/8" capacity	C	41D1628				
1	Drill, breast, 1/2" capacity	B	41D1663				
1 set	Drills, twist, carbon-steel, type "K"	B	42D1250				
1	File, flat, 6"	C	41F870				
1	File, flat, 8"	C	41F872				
1	File, flat, 10"	C	41F874				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists', 1/2 lb.	C	41B571				
1	Iron, soldering, electric, light duty	B	41I625				
1	Iron, soldering, electric, medium duty	B	41I691				
1	Pliers, combination, slip-joint, 6"	C	41P1671				
1	Pliers, combination, slip-joint, 8"	C	41P1677				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, round nose, short, 4"	C	41P1910				
1	Pliers, round nose, short, 6"	C	41P1914				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

\* = Ships having depth charge racks.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	157B	III	10 July 1945	1 November 1945



**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**OCEAN TUGS OLD**

<b>TYPE</b>
<b>ATO</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO CENTRAL</u>				<u>ANTENNA SYSTEM (Cont.)</u>			
1	Model RAK Series Receiving Equipment	B		3	Type 63288 Static-Leak Resistors (1/2 meg.)	C	16R18225
1	Model RAL Series Receiving Equipment	B		3	Type 25006A Receiver Protective Units	B	16P8800
1	Model REE Series Receiving Equipment	B		12*	Type 49120 Concentric Jacks	C	16J1200
1	Model TBL Series Transmitting Equipment	B		6*	Type 49123 Concentric Patchcord Assemblies	B	
1	Model LM Series Frequency Meter	B		4*	Type 61471 Entrance Insulator	B	
1	Type 50064 Modulator Equipment	B		1	Type 66143 Antenna Assembly	B	
1	Type 23437 Transmitter Transfer Panel	B					
1	Type 23146 Key-Control Panel	B					
1	Type 49063 Jackbox	B	16B10010				
1	Type 631023 Resistor, 3150 ohms, Style E	C	16R18230				
2	Type 28002 Resistor Clips	C					
1	Type 23436 Receiver Transfer Panel	B					
1	Type 23156 Motor-Generator Transfer Panel	B					
1	Type 21800 Motor-Generator Unit	B					
1	Model TCS Series Transmitting-Receiving Equipment	B		3	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
1	Model TDZ Series Transmitting Equipment	B		2	Type 21821 Motor-Generator Units	B	
2	Model RDZ Series Receiving Equipment	B		4	Type 6V-SBM-200AH Storage Batteries		
<u>PILOT HOUSE</u>				<u>ELSEWHERE</u>			
1	Model RBS Series Receiving Equipment	B					
1	Model MBF Series Transmitting-Receiving Equipment	B					
4	Type 49546 Loudspeaker Unit	B		1	Small Surface Search Radar	B	
1	Type 23146 Key-Control Panel	B		1	Model BN Series Interrogator Responder	B	
1	Type 49029 Jackbox	B	16B10050	1	Model BK Series Transponder	B	
3	Type 50210 Amplifier Units	B		2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B	
2	Type 23423 Radiophone Unit	B		1	Type CCL - 211014 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	
<u>CHART HOUSE</u>				<u>RADAR MATERIAL</u>			
Ø1	Model DAS Series Loran Equipment	B					
1	Type 49029 Jackbox	B	16B10050				
<u>ANTENNA SYSTEM</u>				<u>SONAR MATERIAL</u>			
5*	Type 61493 Suspension Insulators	C	16I12145	Ø1	Model QCU Ranging Equipment	B	
16*	Type 61479 Suspension Insulators	C	16I12105	1	Model NJ Series Sounding Equipment	B	
2*	Type 61019C Entrance Insulators	B	16I5951	Ø1	Range Recorder	B	
2*	Type 61475 Entrance Insulators	B					
12*	Type 61339 Pedestal Insulators	C	16I9838				
2	Type 61352 Anti-Corona Caps	B	16C4000				
				<u>RCM MATERIAL</u>			
				None			

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

Ø = Individual Ships to be designated by CNO.  
 I = Ships having depth charge racks.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1944	1 July 1945	III	158A	RE IIA 100

RESTRICTED

TYPE  
**ATO**

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
OCEAN TUGS OLD**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Cont.)</u>			
1	Model OZ Series Vacuum Tube Analyzer	B		1	Punch, center, 3/4"	C	41T3185
1	Model OBL Oscilloscope	B		1	Screwdriver, common, 3" blade	C	41S1101
2	Type 10223 Repair Kits	E		1	Screwdriver, common, 4" blade	C	41S1102
1	Model OAX Series Sonar Monitor	B		1	Screwdriver, common, 6" blade	C	41S1104
				1	Screwdriver, common, 8" blade	C	41S1106
				1	Screwdriver, common, 12" blade	C	41S1110
				1	Screwdriver, slim-shank, 6" blade	C	41S1156
				1	Screwdriver, Phillips 3" blade #1 point	C	41S164-15
				1	Screwdriver, Phillips, 1" blade, #2 point	C	41S164-20
				1	Screwdriver, Phillips, 3" blade #4 point	C	41S164-30
				1	Torch, gasoline, 1 quart	B	41T7645
4	Type 49016 Head Telephone Assemblies	B	16H3930	1	Vise, bench, 3" Jaws Class A	B	41V242
				1	Wrench, open-end, 15° double-head, 7/16" & 1/2"	C	41W1000
				1	Wrench, open-end, 15° double-head, 9/16" & 5/8"	C	41W1005
				1	Wrench, open-end, 15° double-head, 5/8" & 3/4"	C	41W1008
				1	Wrench, open-end, 15° double-head, 3/4" & 13/16"	C	41W1012
				1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41W1019
				1	Wrench, open-end, 15° double-head, 1" & 1-1/8"	C	41W1024
1	Type 21800 Motor-Generator Unit	B		1 set	Wrenches, socket, hollow-shank	B	41W10515
2	Type 49016 Head Telephone Assemblies	B	16H3930	1 set	Wrenches, setscrew, (Allen #604 or equal)	B	
1	Type 61493 Suspension Insulator	C	16I12145				
1	Type 61479 Suspension Insulator	C	16I12105				
1	Type 61019C Entrance Insulator	B	16I9851				
3	Type 61339 Pedestal Insulators	B	16I9838				
1	Type 61471 Entrance Insulator	B					
1	Type 61475 Entrance Insulator	B					
1	Type 631023 Resistor, 3150 ohms, Style E	C	16R18230				
300	Ft. 7-#18 Bronze Antenna Wire	C	16W3740				
300	Ft. 5/16" dia. (6x19) Bronze Wire Rope	C	22R200				
<u>MISCELLANEOUS EQUIPMENT &amp; MATERIAL</u>				<u>MISCELLANEOUS SPARES</u>			
<u>TOOLS</u>							
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Chisel, machinists', hand, 1/4"	C	41C1052				
1	Chisel, machinists', hand, 3/8"	C	41C1062				
1	Cutter, circle, 1" to 5-1/2", 1/2" round shank(Pawood #5 or equal)	C	-				
1	Drill, hand, 3/8" capacity	C	41D1828				
1	Drill, breast, 1/2" capacity	B	41D1663				
1 set	Drills, twist, carbon-steel, type "K"	B	4-0D1250				
1	File, flat, 6"	C	41F870				
1	File, flat, 8"	C	41F872				
1	File, flat, 10"	C	41F874				
1	Frame, hacksaw, adjustable	C	41F390				
1	Hammer, machinists', 1/2 lb.	C	41B521				
1	Iron, soldering, electric, light duty	B	41I688				
1	Iron, soldering, electric, medium duty	B	41I691				
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, combination, slip-joint, 8"	C	41P1633				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, round nose, short, 4"	C	41P1910				
1	Pliers, round nose, short, 6"	C	41P1914				
1	Pliers, side cutting, flat nose, 6"	C	41P1974				
1	Pliers, side cutting, flat nose, 8"	C	41P1977				
1	Pliers, long nose, 6"	C	41P1991				

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

\* - Ships having depth charge racks.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	158B	III	1 July 1945	1 November 1945

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**RESCUE TUGS**

TYPE  
**ATR**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO CENTRAL</u>				<u>ELSEWHERE</u>		
1	Model RAK Series Receiving Equipment	B		3	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
1	Model RAL Series Receiving Equipment	B		4	Type 6V-SBM 200AH Storage Batteries	B	
1	Model REE Series Receiving Equipment	B					
2	Model RDZ Series Receiving Equipment	B					
1	Model TEL Series Transmitting Equipment	B					
1	Model TCS Series Transmitting Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
1	Model TDZ Series Transmitting Equipment	B					
1	Type 23146 Key-Control Panel	B					
1	Type 23436 Receiver Transfer Panel	B					
1	Type 23437 Transmitter Transfer Panel	B					
2	Type 28002 Resistor Clips	C					
1	Type 49063 Jackbox	B	16B10010				
1	Type 50064 Modulator Equipment	B					
1	Type 631023 Resistor, 3150 ohms, Style E	C					
	<u>PILOT HOUSE</u>				<u>RADAR MATERIAL</u>		
1	Model MBF Series Transmitting-Receiving Equipment	B		1	Small Surface Search Radar	B	
1	Model RBS Series Receiving Equipment	B		1	Model BN Series Interrogator Responder	B	
1	Type 23146 Key-Control Panel	B		1	Model BK Series Transponder	B	
2	Type 23423 Radiophone Units	B		2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B	
1	Type 49029 Jackbox	B	16B10050	1	Type GCL - 211014 Motor Generator	B	
3	Type 50210 Amplifier Units	B		4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
4	Type 49546 Loudspeaker Unit	B					
1	Type 23270 Remote Control Unit	B					
1	Model SCR-608 Transmitting-Receiving Equipment	B					
1	Type 211437 Motor Generator	B					
	<u>CHART HOUSE</u>				<u>SONAR MATERIAL</u>		
1	Type 49029 Jackbox	B	16B10050				
1	Model DAS Series Loran Equipment	B					
	<u>ANTENNA SYSTEM</u>						
5*	Type 61493 Suspension Insulators	C	16I12145	1	Model QCU Ranging Equipment	B	
16*	Type 61479 Suspension Insulators	C	16I12105	1	Model NJ Series Sounding Equipment	B	
2*	Type 61019C Entrance Insulators	B	16I5951	2	Model NK Series (Portable) Sounding Equipment	B	
2	Type 61475 Entrance Insulators	B		1	Range Recorder	B	
12*	Type 61339 Pedestal Insulators	C	16I9838				
2	Type 61352 Anti-Corona Caps	B	16C4000				
3	Type 63288 Static-Leak Resistors(1/2meg)	C	16R1225				
3	Type 28006A Receiver Protective Units	B	16P8800				
12*	Type 49120 Concentric Jacks	C	16J1200				
6*	Type 49123 Concentric Patchcord Assemblies	B					
4*	Type 61471 Entrance Insulators	B					
1	Type 66143 Antenna Assembly	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

1 = Ships having depth charge racks.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 October 1945	III	159A	RE IIA 100

TYPE  
**ATR**

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
RESCUE TUGS**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS</u>			
#1	Model OAK Series Sonar Monitor	B		1	Pliers, combination, slip-joint, 6"	C	41P1631
1	Model OZ Series Vacuum Tube Analyzer	B		1	Pliers, combination, slip-joint, 8"	C	41P1633
2	Type 10223 Repair Kits	B		1	Pliers, diagonal cutting, 4"	C	41P1710
1	Model OBL Oscilloscope	B		1	Pliers, diagonal cutting, 6"	C	41P1714
				1	Pliers, round nose, short, 4"	C	41P1910
				1	Pliers, round nose, short, 6"	C	41P1914
				1	Pliers, side cutting, flat nose, 6"	C	41P1974
				1	Pliers, side cutting, flat nose, 8"	C	41P1977
				1	Pliers, long nose, 6"	C	41P1991
				1	Punch, center, 3/8"	C	41T3185
4	Type 49016 Head Telephone Assemblies	B	16R3930	1	Screwdriver, common, 3" blade	C	41S1101
1	Model OAH Series Code Practice Set	B		1	Screwdriver, common, 4" blade	C	41S1102
1	Model SCR-610 Portable Transmitting-Receiving Equipment	B		1	Screwdriver, common, 6" blade	C	41S1104
3	Model SCR-536 Portable Transmitting-Receiving Equipment	B		1	Screwdriver, common, 8" blade	C	41S1106
				1	Screwdriver, common, 12" blade	C	41S1110
				1	Screwdriver, slim-shank, 6" blade	C	41S1156
				1	Screwdriver, Phillips 3" Blade, #1Point	C41	81645-15
				1	Screwdriver, Phillips, 4" blade, #2Point	C41	81645-20
				1	Screwdriver, Phillips, 8" blade, #4Point	C41	81645-30
				1	Torch, gasoline, 1 quart	B	41T3645
2	Type 49016 Head Telephone Assemblies	B		1	Vise, bench, 3" Jaws Class A	B	41V242
1	Type 61493 Suspension Insulator	C	16I12145	1	Wrench, open-end, 15" doublehead, 7/16" & 1/2"	C	41W1000
1	Type 61479 Suspension Insulator	C	16I12105	1	Wrench, open-end, 15" doublehead, 9/16" & 5/8"	C	41W1005
1	Type 61019C Entrance Insulator	B	16I5951	1	Wrench, open-end, 15" doublehead, 5/8" & 3/4"	C	41W1008
1	Type 61471 Entrance Insulator	B		1	Wrench, open-end, 15" doublehead, 3/4" & 13/16"	C	41W1012
1	Type 61475 Entrance Insulator	B		1	Wrench, open-end, 15" doublehead, 7/8" & 15/16"	C	41W1019
3	Type 61339 Pedestal Insulators	C	16I9838	1	Wrench, open-end, 15" doublehead, 1" & 1-1/8"	C	41W1024
1	Type 631023 Resistor, 3150 ohms, Style E	C		1 Set	Wrenches, socket, hollow-shank	B41	W2623-42
300	Ft. 7-#18 Bronze Antenna Wire	C	16W3740	1	Screwdriver, Phillips 3" blade #1 point	C41	81645-15
300	Ft. 5/16" dia. (6x19) Bronze Wire Rope	C	22R200	1 Set	Wrenches, setscrew, (Allen #604 or Equal)	B	
<u>TOOLS</u>				<u>TOOLS</u>			
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Chisel, machinists', hand, 1/4"	C	41C1052				
1	Chisel, machinists', hand 3/8"	C	41C1062				
1	Cutter, circle 1" to 5-1/2", 1/2" Round Shank, (Pawood #5 or Equal)	C					
1	Drill, hand, 3/8" capacity	C	41D1828				
1	Drill, breast, 1/2" capacity	B	41D1663				
1 set	Drills, twist, carbon-steel, type "K"	B	40D1250				
1	File, flat, 6"	C	41F870				
1	File, flat, 8"	C	41F872				
1	File, flat, 10"	C	41F874				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists', 1/2 lb.	C	41B521				
1	Iron, soldering, electric, light duty	B	41I688				
1	Iron, soldering, electric, medium duty	B	41I691				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

\* = Ships having depth charge racks.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	159B	III	1 October 1945	1 December 1945







TYPE

AV

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**SEAPLANE TENDERS - LARGE**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
	<u>AIR PLOT</u>				<u>SEARCH AND IFF RADAR</u>		
1	Type 23146 Key-Control Panels	B		1	Large Air Search Radar	B	
3	Type 23423 Radiophone Units	B		1	Large Surface Search Radar	B	
1	Type 49029 Jackboxes	B	16B10050	1	Model BL or BM Series Interrogator Responder	B	
3	Type 49620 Series Speaker-Amplifier Units	B		1	Model BN Series Interrogator Responder	B	
2	Type 24502 Rotary Selector Switch	B		2	Model BK Series Transponders	B	
				#2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B	
				41	Type CCL - 211014 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
	<u>ELSEWHERE</u>				<u>FIRE CONTROL RADAR EQUIPMENT</u>		
1	Model YE Series Homing Equipment	B		1	Fire Control Radar Equipment MK26	B	
8	Type 49620 Series Speaker-Amplifier Units	B		Ø1	Fire Control Radar Equipment MK12	B	
				+1	Fire Control Radar Equipment MK4	B	
				Ø1	Fire Control Radar Equipment MK22	B	
				Ø1	Fire Control Radar Equipment MK32	B	
	<u>ANTENNA SYSTEM</u>						
5	Type 28006A Receiver Protective Units						
55*	Type 49120 Concentric Jacks	C	16J1200				
25*	Type 49123 Concentric Patchcords	C					
4*	Type 61019C Entering Insulators	B	16I5951				
38*	Type 61339 Pedestal Insulators	C	16I9838				
4*	Type 61475 Entering Insulators	B	16I5975				
5	Type 61471 Entrance Insulators						
12*	Type 61479 Strain Insulators	C	16I12105				
14*	Type 61493 Strain Insulators	C	16I12145				
5	Type 63288 Static Leak Resistors, 1/2 Megohm	C					
2	Type 66095 Antenna Assemblies						
1	Type 66143 Antenna Assembly						
					<u>SONAR MATERIAL</u>		
				1	Model NM Series Sounding Equipment	B	
				1	Model NK Series (Portable) Sounding Equipment	B	
					<u>RCM MATERIAL</u>		
					None		

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

- Ø = Allowed on AV 4, 5, 7, 11, 12, 13.  
+ = Presently installed on AV 4, 5. To be replaced by MK12, MK22.  
# = One additional allowed when Air Search Radar Antenna does not include IFF Array.  
I = Substitute CCL - 211018 on AC Vessels.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	160B	III	1 August 1945	1 December 1945

**FITTING - OUT**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**SEAPLANE TENDERS-LARGE**

**TYPE**  
**AV**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS</u>			
1	Model OAA-2 Echo Box	B		1	Drill, hand, 3/8" capacity	C	41D1828
1	Model OBU-2, 3 Echo Box	B		1	Drill, breast, 1/2" capacity	B	41D1663
1	Model AN/UPM-2 Frequency Meter	B		1	Torch gasoline, 1 quart	B	41T3645
1	Model LM Series Frequency Meter	B		1	Vise, bench, Class A, 3" jaws	B	41V242
1	Model OAP Series Frequency Meter	B		1	Iron, soldering, electric, light duty	B	41I688
1	Model TS-182/UP Frequency Meter	B		1	Iron, soldering, electric, medium duty	B	41I691
1	Model 60/ABM Frequency Meter (for each)	B	1626	1	Frame, hacksaw, adjustable,	C	41F3390
1	Model OBL Series Oscilloscope	B		1	Blades, hacksaw, type "B", 18 teeth	C	41B1163
1	Model LO Series Signal Generator	B		6	Blades, hacksaw, type "B", 32 teeth	C	41B1164
1	Model LP Series Signal Generator	B		6	Drills, twist, carbon-steel, type "K"	C	41D1250
1	Model OCD Series Pulser	B		1 set	Hammer, machinists', 1/2 lb.	B	41H521
1	Model TS-331/UR Signal Generator	B		1	File, flat, 6"	C	41F870
1	Model OAW Series Tube Tester	B		1	File, flat, 8"	C	41F872
2	Model OZ Series Tube Testers	B		1	File, flat, 10"	C	41F874
1	Model OBQ VT Volt Ohm Milliammeter	B		1	Chisel, machinists', hand, 1/4"	C	41C1052
1	Model OCR Series Volt Ohm Ma	B		1	Chisel, machinists', hand, 3/8"	C	41C1062
1	Model TS89/AP Voltage Divider	B		1	Punch, center, 3/8"	C	41T3185
6	Type 10223 Repair Kits	B		1	Gutter, circle 1" to 5-1/2", 1/2" round shank (Pawood #5 or equal)	C	
1	Type 60007 C & R Bridge	B		1	Pliers, combination, slip-joint, 6"	C	41P1631
1	Type 60089 V.T. Megohmmeter	B		1	Pliers, combination, slip-joint, 8"	C	41P1633
1	Type 10498 Terminal Kit	B		1	Pliers, diagonal cutting, 4"	C	41P1710
1	Model TS34/AP Portable Oscilloscope	B		1	Pliers, diagonal cutting, 6"	C	41P1714
				1	Pliers, round nose, short, 4"	C	41P1910
				1	Pliers, round nose, short, 6"	C	41P1914
				1	Pliers, side cutting, flat nose, 6"	C	41P1974
				1	Pliers, side cutting, flat nose, 8"	C	41P1977
				1	Pliers, long nose, 6"	C	
				1	Screwdriver, common, 3" blade	C	41S1101
				1	Screwdriver, common, 4" blade	C	41S1102
				1	Screwdriver, common, 6" blade	C	41S1104
				1	Screwdriver, common, 8" blade	C	41S1106
				1	Screwdriver, common, 12" blade	C	41S1110
				1	Screwdriver, slim-shank, 6" blade	C	41S1156
				1	Screwdriver, Phillips 3" blade #1 point	C	41S1645-15
				1	Screwdriver, Phillips 4" blade #2 point	C	41S1645-20
				1	Screwdriver, Phillips 8" blade #4 point	C	41S1645-30
				1	Wrench, open-end, 15" double-head 7/16" & 1/2"	C	41W1000
				1	Wrench, open-end, 15" double-head 9/16" & 5/8"	C	41W1005
				1	Wrench, open-end, 15" double-head 5/8" & 3/4"	C	41W1008
				1	Wrench, open-end, 15" double-head 3/4" & 13/16"	C	41W1012
				1	Wrench, open-end, 15" double-head 7/8" & 15/16"	C	41W1019
				1 set	Wrench, open-end, 15" double-head, 1" & 1-1/8"	C	41W1024
				1 set	Wrenches, socket, hollow-shank	B	41W2623-425
					Wrenches, setscrew, (Allen #604 or equal)	B	
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
Ø1	Model MM Series Transmitting-Receiving Equipment	B					
1	Model TBX Series Transmitting-Receiving Equipment	B					
1	Model YG Series Homing Equipment	B					
2	Model OAH Series Code Practice Sets	B					
12	Type 49016 Head Telephone Assemblies	B	16H3930				
<u>MISCELLANEOUS SPARES</u>							
6	Type 49016 Head Telephone Assemblies	B	16H3930				
7	Type 61493 Strain Insulators	C	16I12145				
6	Type 61479 Strain Insulators	B					
1	Type 61475 Entrance Insulator	B					
3	Type 61476A Insulator Bowls	C					
1	Type 61019C Entrance Insulators	B	16I5951	1 set	Wrenches, socket, hollow-shank	B	41W2623-425
3	Type 61234A Insulator Bowls	B		1 set	Wrenches, setscrew, (Allen #604 or equal)	B	
1	Type 61471 Entrance Insulator	B					
3	Type 61470 Insulator Bowls	B					
19	Type 61339 Pedestal Insulators	C	16I9838				
1	Type 631023 Resistor, 3150 ohm, Style E	C					
300'	7-#18 Bronze Antenna Wire	C	16W3740				
200'	7/16" (6x19) Bronze Wire Rope	C	22R210				
300'	7/16" (6x19) Bronze Wire Rope	C	22R210				

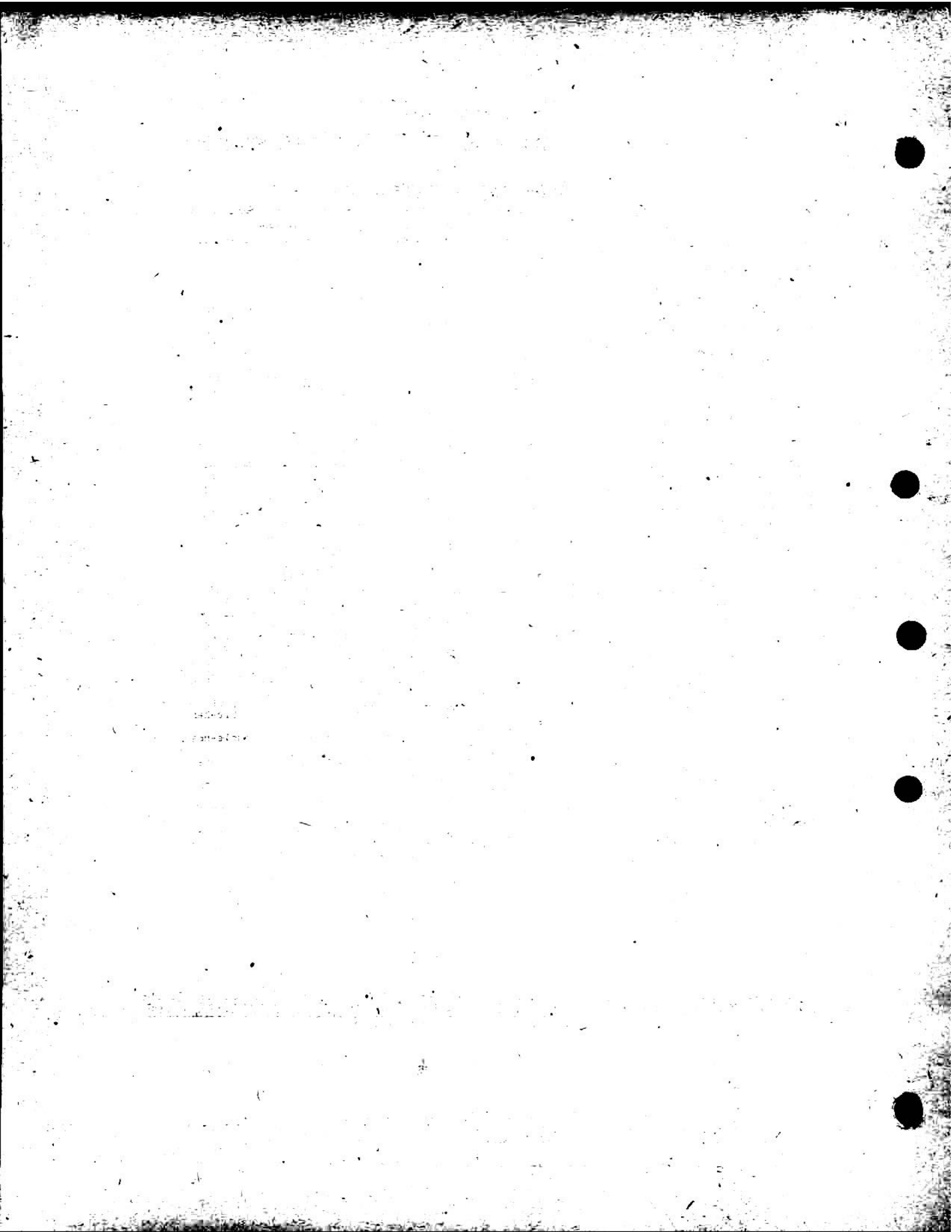
QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

Ø = One (1) for each aircraft patrol squadron tended.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	1 May 1945	III	160C	RE IIA 100



INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**SEAPLANE TENDERS-DESTROYER**

TYPE  
**AVD**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b>RADIO CENTRAL</b>				<b>RADAR CONTROL STATION</b>			
1	Model RBA Series Receiving Equipment	B		1	Type 23146 Key-Control Panel	B	
1	Model RBB Series Receiving Equipment	B		1	Type 49029 Jackbox	B	16B10050
1	Model RBC Series Receiving Equipment	B					
1	Model RCX Panoramic Adapter	B					
1	Model TCS Transmitting/Receiving Equipment	B					
1	Model RAO Series Receiving Equipment	B					
1	Model RBL Series Receiving Equipment	B					
1	Model RBO Series Receiving Equipment	B					
1	Model TBL Series Transmitting Equipment	B		4	Type 49620 Series Speaker-Amplifier Units, (Broadcast)	B	
1	Model TBS Series Transmitting/Receiving Equipment	B					
1	Model TDE Series Transmitting Equipment	B		2	Type 20350 Rectifier Units	B	
2	Model LM Series Frequency Meter	B					
1	Type 50064 Modulator Equipments	B					
1	Type 23186 Receiver Transfer Panel	B					
1	Type 23198 Transmitter Transfer Panel	B					
1	Type 23209 Radiophone Transfer Panel	B					
3	Type 23146 Key-Control Panels	B					
1	Type 49063 Jackbox	B	16B10010				
2	Type 49029 Jackboxes	B	16B10050				
4	Type 631023 Resistors, 3150 ohms, StyleE	C		17*	Type 61493 Suspension Insulators	C	16I12145
1	Type 28002 Resistor Clips	C		12*	Type 61479 Suspension Insulators	C	16I12105
1	Type 23135 Control Unit	B		9*	Type 610190 Entrance Insulators	B	16I5951
1	Type 51019 Hand Telephone Assembly	B		1	Type 61475 Entrance Insulators	B	
1	Model AN/ARC-1 Transmitting-Receiving Equipment	B		16*	Type 61174B Pedestal Insulators	C	16I9829
				16*	Type 61370 Pedestal Insulators	C	16I9878
				175*	Type 61395A Splice Insulators	C	16I9720
				6	Type 61352 Anti-Corona Caps	C	16C4000
				30*	Type 49120 Concentric Jacks	B	
				10*	Type 49123 Concentric Patchcord Assemblies	B	
				5	Type 28006A Receiver Protective Units	B	
				5	Type 63288 Static-Leak Resistors (1/2 meg.)	B	
<b>CHART HOUSE</b>							
1	Type 49029 Jackbox	B	16B10050				
1	Model DAS Series Loran Equipment	B					
<b>PILOT HOUSE</b>							
1	Model RBH Series Receiving Equipment	B					
2	Type 45546 Loudspeaker Unit	B					
2	Type 23423 Radiophone Units	B					
1	Type 49620 Series Speaker-Amplifier Unit	B					
1	Type 23135 Control Unit	B					
1	Type 51019 Hand Telephone Assembly	B					

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 October 1945	1 June 1945	III	162A	RE IIA 100

TYPE
AVD

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**SEAPLANE TENDERS - DESTROYER**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
					<u>SEARCH AND IFF RADAR</u>		
				1	Medium Air Search Radar	B	
				1	Small Surface Search Radar	B	
				1	Model BL Series Interrogator-Responder	B	
				1	Model BN Series Interrogator-Responder	B	
				2	Model BK Series Transponders	B	
				+2	Type CTZ - 66ACB or CTZ - 66AFJ Antennas	B	
				1	Type CCL - 211014 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	1799490
					<u>SONAR MATERIAL</u>		
				1	Model QCL/QCJ Series Ranging Equipment	B	
				1	Model NJ Series Sounding Equipment	B	
				1	Model NK Series (Portable) Sounding Equipment	B	
				1	Range Recorder	B	
				1	Bathy/Thermograph	B	
					<u>R C M MATERIAL</u>		
					None		

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

- \* = Assigned by Commander Service Forces and Type Commanders.
- + = One additional where Air Search Radar Antenna does not include IFF Array.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	162B	III	1 June 1945	1 October 1945



FITTING - OUT

TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
SEAPLANE TENDERS-DESTROYER

TYPE  
AVD

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS</u>			
1	Model OAA-2 Echo Box	B		6	Blades, hacksaw, type "B", 18 teeth	C	41B1163
1	Model AN/UPM-2 Frequency Meter	B		6	Blades, hacksaw, type "B", 32 teeth	C	41B1164
1	Model OBL Oscilloscope	B		1	Chisel, machinists', hand, 1/4"	C	41C1052
1	Model LAF Signal Generator	B		1	Chisel, machinists', hand, 3/8"	C	41C1062
1	Model OGD Series Fulser	B		1	Cutter, circle, 1" to 5-1/2" Round Shank (Pawood #5 or equal)	C	-
1	Model TS-331/UR Signal Generator	B		1	Drill, hand, 3/8" capacity	C	41D1828
1	Model OAW Series Tube Tester	B		1	Drill, breast, 1/2" capacity	B	41D1663
2	Model OZ Series Tube Testers	B		1 set	Drills, twist, carbon-steel, type "K"	B	40D1250
1	Model OAX Sonar Monitor	B		1	File, flat, 6"	C	41F870
1	Model OBQ VT Volt Ohm Milliammeter	B		1	File, flat, 8"	C	41F872
1	Model OGR Volt Ohm Ma	B		1	File, flat, 10"	C	41F874
1	Model TS-89/AP Voltage Divider	B		1	Frame, hacksaw, adjustable	C	41F3390
6	Type 10223 Repair Kits	B		1	Hammer, machinists', 1/2 lb.	C	41H521
1	Type 60007 C & R Bridge	B		1	Iron, soldering, electric, light duty	B	41I688
1	Type 60089 VT Megohmmeter	B		1	Iron, soldering, electric, medium duty	B	41I691
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>				<u>MISCELLANEOUS SPARES</u>			
1	Model TBX Portable Transmitting/Receiving Equipment	B		1	Pliers, combination, slip-joint, 6"	C	41P1631
2	Model TBY Portable Transmitting/Receiving Equipment	B		1	Pliers, combination, slip-joint, 8"	C	41P1633
6	Type 49016 Hand Telephone Assemblies	B	16H3930	1	Pliers, diagonal cutting, 4"	C	41P1710
1	Type 51004C Hand Microphone Assembly	C	16M2352	1	Pliers, diagonal cutting, 6"	C	41P1714
1	Type 51004C Hand Microphone Assembly	C	16M2352	1	Pliers, round nose, short, 4"	C	41P1910
1	Type 51004C Hand Microphone Assembly	C	16M2352	1	Pliers, round nose, short, 6"	C	41P1914
1	Type 51004C Hand Microphone Assembly	C	16M2352	1	Pliers, side cutting, flat nose, 6"	C	41P1974
1	Type 51004C Hand Microphone Assembly	C	16M2352	1	Pliers, side cutting, flat nose, 8"	C	41P1977
1	Type 51004C Hand Microphone Assembly	C	16M2352	1	Pliers, long nose, 6"	C	-
1	Type 51004C Hand Microphone Assembly	C	16M2352	1	Punch, center, 3/8"	C	41T3185
1	Type 51004C Hand Microphone Assembly	C	16M2352	1	Screwdriver, common, 3" blade	C	41S1101
1	Type 51004C Hand Microphone Assembly	C	16M2352	1	Screwdriver, common, 4" blade	C	41S1102
1	Type 51004C Hand Microphone Assembly	C	16M2352	1	Screwdriver, common, 6" blade	C	41S1104
1	Type 51004C Hand Microphone Assembly	C	16M2352	1	Screwdriver, common, 8" blade	C	41S1106
1	Type 51004C Hand Microphone Assembly	C	16M2352	1	Screwdriver, common, 12" blade	C	41S1110
1	Type 51004C Hand Microphone Assembly	C	16M2352	1	Screwdriver, slim-shank, 6" blade	C	41S1156
1	Type 51004C Hand Microphone Assembly	C	16M2352	1	Screwdriver, Phillips 3" blade #1 point	C	41S1645
1	Type 51004C Hand Microphone Assembly	C	16M2352	1	Screwdriver, Phillips 4" blade, #2 point	C	41S1645
1	Type 51004C Hand Microphone Assembly	C	16M2352	1	Screwdriver, Phillips 8" blade, #4 point	C	41S1645
1	Type 51004C Hand Microphone Assembly	C	16M2352	1	Torch, gasoline, 1 quart	B	41T3645
1	Type 51004C Hand Microphone Assembly	C	16M2352	1	Vise, bench, 3" Jaws Class A	B	41V242
1	Type 51004C Hand Microphone Assembly	C	16M2352	1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000
1	Type 51004C Hand Microphone Assembly	C	16M2352	1	Wrench, open-end, 15" double-head, 5/2" & 5/3"	C	41W1005
1	Type 51004C Hand Microphone Assembly	C	16M2352	1	Wrench, open-end, 15" double-head, 5/8" & 3/4"	C	41W1008
1	Type 51004C Hand Microphone Assembly	C	16M2352	1	Wrench, open-end, 15" double-head, 3/4" & 13/16"	C	41W1012
1	Type 51004C Hand Microphone Assembly	C	16M2352	1	Wrench, open-end, 15" double-head, 7/8" & 15/16"	C	41W1019
1	Type 51004C Hand Microphone Assembly	C	16M2352	1	Wrench, open-end, 15" double-head, 1" to 1-1/8"	C	41W1024
1 set				1 set	Wrenches, socket, hollow-shank	B	41W2624
1 set				1 set	Wrenches, setscrew (Allen #604 or equal)	B	-

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 June 1945	1 July 1944	III	1620	RE IIA 100

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100  
100

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**SEAPLANE TENDERS - SMALL**

TYPE  
**AVP**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO CENTRAL</u>				<u>RADAR CONTROL STATION</u>		
2	Model RAK Series Receiving Equipments	B		1	Type 23146 Key-Control Panel	B	
2	Model RAL Series Receiving Equipments	B		1	Type 49029 Jackbox	B	16B10050
2	Model RAO Series Receiving Equipments	B					
1	Model REE Series Receiving Equipment	B					
2	Model TBL Series Transmitting Equipments	B					
1	Model TBS Series Transmitting-Receiving Equipment	B			<u>ELSEWHERE</u>		
1	Model TDE Series Transmitting Equipment	B					
1	Model LM Series Frequency Meter	B		*1	Model TDZ Series Transmitting Equipment	B	
1	Type 23135 Control Unit	B		#2	Model RDZ Series Receiving Equipment	B	
3	Type 23146 Key-Control Panels	B		2	Type 211649 Motor Generators	B	
1	Type 23186 Receiver Transfer Panel	B		*4	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
1	Type 23198 Transmitter Transfer Panel	B		2	Type 49618 Telephone Receptical	B	
1	Type 23209 Radiophone Transfer Panel	B		2	Type 51082 Mandast Assembly	B	
4	Type 28002 Resistor Clips	C					
2	Type 49029 Jackboxes	B	16B10050				
1	Type 49063 Jackbox	B	16B10010				
2	Type 50064 Modulator Equipment	B			<u>ANTENNA SYSTEM</u>		
1	Type 510040 Hand Microphone Assembly	B	16M2352		Type 28006A Receiver Protective Units	B	
1	Type 51019 Hand Telephone Assembly	B		5	Type 49120 Concentric Jacks	C	16J1200
2	Type 63123 Resistors, 3150 ohms, Style B	C		30*	Type 49123 Concentric Patchcord Assemblies	B	
1	Model RCX Series Pavoramic Adapter	B		10*	Type 61493 Suspension Insulators	C	16I12145
1	Model SCR-610 Series Transmitting Receiving Equipment	B		17*	Type 61479 Suspension Insulators	C	16I12105
1	Model AN/ARC-1 Transmitting/Receiving Equipment	B		12*	Type 61019C Entrance Insulators	C	16I5951
				2*	Type 61475 Entrance Insulators	B	
				2*	Type 61339 Pedestal Insulators	C	16I9838
				16*	Type 61395A Spacer Insulators	C	16I9720
				175*	Type 61352 Anti-Corona Caps	B	16C4000
				6	Type 63288 Static-Leak Resistors (1/2 megohm)	C	
				5	Type 61471 Entrance Insulators	C	
				1	Type 66143 Antenna Assembly	B	
				1	Type 66095 Antenna Assembly	B	
	<u>CHART HOUSE</u>				<u>COMBAT INFORMATION CENTER</u>		
1	Type 49029 Jackbox	B	16B10050	1	Model RBS Series Receiving Equipment	B	
1	Model DAS Series Loran Equipment	E		1	Type 23135 Control Unit	B	
				2	Type 23423 Radiophone Units	B	
				2	Type 49546 Loudspeaker Units	B	
				2	Type 49531 Speaker Amplifier Units	B	
				1	Type 23146 Key Control Panel	B	
				3	Type 49029 Jackbox	B	16B10050
				*2	Type 24502 Rotary Selector Switches	B	
				2	Type 49578 Microphone Jacks	C	
	<u>PILOT HOUSE</u>						
1	Type 23135 Control Unit	B					
2	Type 23423 Radiophone Units	B					
1	Type 49620 Series Speaker-Amplifier Unit	B					
2	Type 49546 Loudspeaker Unit	B					
1	Type 51019 Hand Telephone Assembly	B					
1	Model MBF Series Transmitting-Receiving Equipment	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

- # = Three (3) for AVP1 to 9.
- + = One additional for Fleet, Flotilla and Squadron Flagships.
- Δ = Two additional for Fleet, Flotilla and Squadron Flagships.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 August 1945	III	163A	RE IIA 100

53

TYPE  
AVP

INSTALLATION  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
SEAPLANE TENDERS - SMALL

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
					<u>SEARCH AND IFF RADAR</u>		
§1				1	Medium Air Search Radar	B	
1				1	Medium Surface Search Radar	B	
§1				1	Model BL or BM Series Interrogator-Responder	B	
1				1	Model BN Series Interrogator-Responder	B	
2				2	Model BK Series Transponders	B	
§+2				1	Type CTZ - 66ACG or CTZ - 66AFJ Antennas	B	
++1				1	Type CCL - 211016 Motor Generator	B	
4				4	Type 6V-8BM-15AH Storage Batteries	B	
					<u>RADAR REPEATERS</u>		
					Preference of model indicated by order of listing.		
1				1	Model VH(or VD or VC)(Bridge)*Allowed in AVP 10-55	B	
					<u>FIRE CONTROL RADAR EQUIPMENT</u>		
1				1	Fire Control Radar Equipment Mark 26 Allowed in AVP 10-55	B	
					<u>SONAR MATERIAL</u>		
1				1	Model QCL/QCJ/QCN Series Ranging Equipment	B	
1				1	Model NJ Series Sounding Equipment	B	
1				1	Model NK Series (Portable) Sounding Equipment	B	
1				1	Range Recorder	B	
1				1	Bathy/Thermograph	B	
					<u>RCM MATERIAL</u>		
					None		

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

- § = Not allowed in AVP 2-9.
- Δ = Assigned by Commander Service Forces and Type Commanders.
- + = One additional where Air Search Radar Antenna does not include IFF array.
- ++ = Substitute CCL - 211014 on DC Vessels.
- § = One (1) allowed in AVP 2 - 9.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	163B	III	1 August 1945	1 December 1945

**FITTING - OUT**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**SEAPLANE TENDER - SMALL**

**TYPE**  
**AVP**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS</u>			
1	Model OAA-2 Echo Box	B		6	Blades, hacksaw, Type "B", 13 teeth	C	41B1167
1	Model OBU-2, 3 Echo Box(for each SL)	B		6	Blades, hacksaw, Type "B", 32 teeth	C	41B1168
1	Model AN/UPM-2 Frequency Meter	B		1	Chisel, machinists', hand, 1/4"	C	41C1052
1	Model 6OABM Frequency Meter (for each SL and MK26)	B		1	Chisel, machinists', hand, 3/8"	C	41C1052
1	Model OBL Series Oscilloscopes	B		1	Cutter, circle, 1" to 5-1/2", 1/2" round shank (Pawood #5 or equal)	C	
1	Model OCD Series Pulser	B			Drill, hand, 3/8" capacity	C	41D1833
1	Model TS-331/UR Signal Generator	B		1	Drill, breast, 1/2" capacity	B	41D1657
1	Model OAW Series Tube Tester	B		1 set	Drills, twist, carbon-steel, type "K"	B	40D1250
2	Model OZ Series Tube Testers	B		1	File, flat, 6"	C	41F375
1	Model OAX Sonar Monitor	B		1	File, flat, 8"	C	41F377
1	Model OBQ VT Volt Ohm Milliammeter	B		1	File, flat, 10"	C	41F374
1	Model OCR Volt Ohm Ma	B		1	Frame, hacksaw, adjustable	C	41F3790
1	Model TS-89/AP Voltage Divider	B		1	Hammer, machinists', 1/2 lb.	C	41H521
6	Type 10223 Repair Kits	B		1	Iron, soldering, electric, light duty	B	41I683
1	Type 60007 C & R Bridge	B		1	Iron, soldering, electric, medium duty	B	41I691
1	Type 60089 VT Megohmmeter	B		1	Pliers, combination, slip-joint, 6"	C	41P1671
1	Model TS <sup>34</sup> /AP Portable Oscilloscope	B		1	Pliers, combination, slip-joint, 8"	C	41P1677
				1	Pliers, diagonal cutting, 4"	C	41P1710
				1	Pliers, diagonal cutting, 6"	C	41P1714
				1	Pliers, round nose, short, 4"	C	41P1910
				1	Pliers, round nose, short, 6"	C	41P1914
				1	Pliers, side cutting, flat nose, 6"	C	41P1974
				1	Pliers, side cutting, flat nose, 8"	C	41P1977
				1	Pliers, long nose, 6"	C	41P1991
				1	Punch, center, 3/8"	C	41T3185
1	Model TBX Portable Transmitting/Receiving Equipment	B		1	Screwdriver, common, 3" blade	C	41S1101
				1	Screwdriver, common, 4" blade	C	41S1107
				1	Screwdriver, common, 6" blade	C	41S1104
6	Type 49016 Head Telephone Assemblies	B	16H3930	1	Screwdriver, common, 8" blade	C	41S1106
1	Model OAH Code Practice Sets	B		1	Screwdriver, common, 12" blade	C	41S1110
				1	Screwdriver, slim-shank, 6" blade	C	41S1156
				1	Screwdriver, Phillips 3" blade #1 point	C	41S164615
				1	Screwdriver, Phillips, 4" blade #2 point	C	41S164620
				1	Screwdriver, Phillips, 5" blade #4 point	C	41S164670
				1	Torch, gasoline, 1 quart	B	41T7245
				1	Vise, bench Class A, 3" jaws	B	41V242
				1	Wrench, open-end 15° double-head, 7/16" & 1/2"	C	41W1000
1	Type 51004C Hand Microphone Assembly	B	16M2352	1	Wrench, open-end 15° double-head, 9/16" & 5/8"	C	41W1005
3	Type 49016 Head Telephone Assemblies	B	16H3930				
5	Type 61493 Suspension Insulators	C	16I12145	1	Wrench, open-end 15° double-head, 5/8" & 3/4"	C	41W1008
3	Type 61479 Suspension Insulators	C	16I12105				
2	Type 61019C Entrance Insulators	B	16I5951	1	Wrench, open-end 15° double-head, 3/4" & 13/16"	C	41W1012
1	Type 61475 Entrance Insulators	B	16I5975				
2	Type 61234A Insulator Bowls	C	16I14025	1	Wrench, open-end 15° double-head, 7/8" & 15/16"	C	41W1019
4	Type 61174B Pedestal Insulators	C	16I9829				
4	Type 61339 Pedestal Insulators	C	16I9838	1	Wrench, open-end 15° double-head, 1" & 1-1/8"	C	41W1024
20	Type 61395A Spacer Insulators	C	16I9720	1 set	Wrenches, socket, hollow-shank	B	41W26742
2	Type 631023 Resistors, 3150 ohms, Style E	C	16R18230	1 set	Wrenches, ratchet, (Allen #604 or equal)	B	
200ft	7-#18 Bronze Antenna Wire	C	16W3740				
150ft	5/16" dia. (6x19) Bronze Wire Rope	C	22R200				
2	Type 61471 Entrance Insulator	C					
1	Type 61470 Insulator Bowl	C					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	1 August 1945	III	163C	RE IIA 100



TYPE

AW

FITTING - OUT

**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
DISTILLING SHIPS**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Cont.)</u>			
1	Model OZ Series Vacuum Tube Analyzer	B		1	Pliers, round nose, short, 4"	C	41P1910
1	Model OBL Oscilloscope	B		1	Pliers, round nose, short, 6"	C	41P1914
1	Type 10223 Repair Kits	B		1	Pliers, side cutting, flat nose, 6"	C	41P1974
1	Model OBU-2,3 Echo Box (For each SL)	B		1	Pliers, side cutting, flat nose, 8"	C	41P1977
1	Type 60-ABM Frequency Meter	B		1	Pliers, long nose, 6"	C	41P1991
	(For Each MK26)	B		1	Punch, center, 3/8"	C	41T3185
<u>MISCELLANEOUS EQUIPMENTS AND MATERIAL</u>				1	Screwdriver, common, 3" blade	C	41S1101
1	Model OAH Code Practice Set	B		1	Screwdriver, common, 4" blade	C	41S1102
5	Type 49016 Head Telephone Assemblies	B	16H3930	1	Screwdriver, common, 6" blade	C	41S1104
<u>MISCELLANEOUS SPARES</u>				1	Screwdriver, Common 8" blade	C	41S1106
5	Type 61493 Suspension Insulators	C	16I12145	1	Screwdriver, common 12" blade	C	41S1110
7	Type 61479 Suspension Insulators	C	16I12105	1	Screwdriver, slim-shank, 6" blade	C	41S1156
1	Type 61019C Entrance Insulator	B	16I5951	1	Screwdriver, Phillips, 3" blade, #1 point	C 41	8184515
1	Type 61475 Entrance Insulator	B		1	Screwdriver, Phillips, 4" blade, #2 point	C 41	8164520
4	Type 61339 Pedestal Insulators	C	16I9838	1	Screwdriver, Phillips, 5" blade, #4 point	C 41	8164530
1	Type 49016 Head Telephone Assembly	B	16H3930	1	Torch, gasoline, 1 quart	B	41T3645
300 ft.	7-#18 Bronze Antenna Wire	C	16W3740	1	Vise, bench, 3" Jaws, Class A	B	41V242
300 ft.	5/16" dia. (6x19) Bronze Wire Rope	C	22R200	1	Wrench, open-end, 15" double-head,	C	41W1000
1	Type 61234A Insulator Bowls	C	16I14025	1	7/16" & 1/2"	C	41W1005
1	Type 61471 Entrance Insulator	B		1	9/16" & 5/8"	C	41W1008
200 ft.	7/16" dia. (6x19) Bronze Wire Rope	C	22R210	1	5/8" & 3/4"	C	41W1012
<u>TOOLS</u>				1	3/4" & 13/16"	C	41W1012
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163	1	7/8" & 15/16"	C	41W1019
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164	1	1" & 1-1/8"	C	41W1024
1	Chisel, machinists', hand, 1/4"	C	41C1052	1 set	Wrenches, socket, hollow-shank	B 41	W262345
1	Chisel, machinists', hand, 3/8"	C	41C1062	1 set	Wrenches, setscrew, (Allen #604 or equal)	B	
1	Cutter, circle, 1" to 5-1/2", 1/2" Round Shank (Pawood #5 or equal)	C					
1	Drill, hand, 3/8" capacity	C	41D1628				
1	Drill, breast, 1/2" capacity	B	41D1663				
1 set	Drills, twist, carbon-steel, type "K"	B	40D1250				
1	File, flat, 6"	C	41F870				
1	File, flat, 8"	C	41F872				
1	File, flat, 10"	C	41F874				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists', 1/2 lb.	C	41H521				
1	Iron, soldering, electric, light duty	B	41I688				
1	Iron, soldering, electric, medium duty	B	41I591				
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, combination, slip-joint, 8"	C	41P1633				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				

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SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	170B	III	1 May 1945	1 July 1945



TYPE

BB

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**BATTLESHIPS-DIVISION FLAGSHIPS**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>FLAG RADIO AND FLAG PLOT</u>				<u>MAIN BATTERY PLOTTING ROOM FORWARD</u>		
2	Model 24502 Selector Switches	B		1	Type 23146 Key-Control Panel	B	
2	Type 23135 Control Units	B		1	Type 23423 Radiophone Unit	B	
2	Type 23146 Key-Control Panels	B		1	Type 49029 Jackbox	B	16B10050
2	Type 23423 Radiophone Unit	B		1	Type 49620 Speaker Amplifier Unit	B	
3	Type 49029 Jackboxes	B	16B10050				
2	Type 49620 Series-Speaker Amplifier Unit	B					
2	Type 49546 Loudspeaker Units	B					
2	Type 51008 Hand Telephone Assembly	B					
2	Type 51019 Hand Telephone Assembly	B					
	<u>FLAG BRIDGE</u>				<u>MAIN BATTERY PLOTTING ROOM AFT</u>		
2	Type 49546 Loudspeaker Units	B		1	Type 23146 Key-Control Panel	B	
2	Type 49618 Telephone Receptacles	B		1	Type 23423 Radiophone Unit	B	
2	Type 51082 Hand Telephone Assemblies	B		1	Type 49029 Jackbox	B	16B10050
				1	Type 49620 Speaker Amplifier Unit	B	
	<u>COMBAT INFORMATION CENTER</u>				<u>SKY CONTROL</u>		
2	Model RB3 Series Receiving Equipments ✓	B		1	Type 23211 Radiophone Unit	B	
1	Model RBK Series Receiving Equipment ✓	B					
1	Model RBW Panoramic Adapter for RBK ✓	B			<u>SECONDARY BATTERY PLOTTING ROOM FORWARD</u>		
2	Type 23135 Control Unit	B		1	Type 23423 Radiophone Unit	B	
3	Type 23146 Key-Control Panels	B		1	Type 49620 Speaker Amplifier Unit	B	
3	Type 23423 Radiophone Units	B					
4	Type 49029 Jackboxes	B	16B10050				
4	Type 49620 Series Speaker-Amplifier Units	B					
5	Type 49546 Loudspeaker Units	B					
2	Type 51019 Hand Telephone Assembly	B					
4	Type 51008 Hand Telephone Assembly	B					
4	Type 24502 Selector Switches	B			<u>SECONDARY BATTERY PLOTTING ROOM AFT</u>		
1	Type 23187 Receiver Transfer Panel	B		1	Type 23423 Radiophone Unit	B	
				1	Type 49620 Speaker Amplifier Unit	B	
	<u>SPOT I</u>				<u>FIRE CONTROL TOWER</u>		
1	Type 23211 Radiophone Unit	B		1	Type 23146 Key-Control Panel	B	
				1	Type 23211 Radiophone Unit	B	
				1	Type 49029 Jackbox	B	16B10050
	<u>SPOT II</u>				<u>CHART HOUSE</u>		
1	Type 23211 Radiophone Unit	B		1	Type 49029 Jackbox	B	16B10050
				1	Model DAS Loran Equipment	B	

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SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	175B	III	1 October 1945	1 December 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**BATTLESHIPS-DIVISION FLAGSHIPS**

TYPE
BB

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>ELSEWHERE</u>						
20	Type 49620 Series Loudspeaker-Amplifier Units (Broadcast)	B					
	<u>VISUAL FIGHTER DIRECTOR STATION (FORWARD AIR DEFENSE LEVEL)</u>						
1	Type 23211 Radiophone Unit	B					
1	Type 49546 Loudspeaker Unit	B					
1	Type 49620 Speaker-Amplifier Unit						
	<u>ANTENNA SYSTEM</u>						
3	Type 10098 Antenna Mounting Adapters	B					
8	Type 50163 Antenna Coupling Units	B					
40*	Type 61493 Suspension Insulators	C	16112145				
18*	Type 61479 Suspension Insulators	C	16112105				
21*	Type 61019C Entrance Insulators	B	1615951				
50*	Type 61174B Pedestal Insulators	C	1619829				
5*	Type 61175A Pedestal Insulators	C	1619832				
4	Type 61335 Antenna Supporting Insulators	B	1614990				
172*	Type 61339 Pedestal Insulators	C	1619838				
7*	Type 61350 Antenna Supporting Insulators	B	1614990				
12	Type 61352 Anti-Corona Caps	B	1604000				
350*	Type 61395A Spacer Insulators	C	1619720				
3	Type 61432 Antenna Supporting Insulator	B	1615037				
2	Type 66045 Vertical Antennas	B					
7	Type 66046 Vertical Antennas	B					
4	Type 66047 Vertical Antennas	B					
27*	Type 61471 Entrance Insulators	C					
18*	Type 61475 Entrance Insulators	C					
	<u>AUXILIARY COMBAT INFORMATION CENTER</u>						
1	Type 23135 Control Unit	B					
1	Type 23146 Key-Control Panel	B					
1	Type 23423 Radiophone Unit	B					
1	Type 49029 Jackbox	B	16B10050				
1	Type 49620 Series Speaker-Amplifier Unit	B					
1	Type 49155 Loudspeaker Unit	B					
1	Type 51019 Hand Telephone Assembly	B					
1	Type 24502 Selector Switch.						

*QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

SPECIAL EXCEPTIONS AND REMARKS

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	10 July 1945	III	1750	RE IIA 100



TYPE

BB

## INSTALLATION

**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
BATTLESHIPS - DIVISION FLAGSHIPS**

QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
	<u>SEARCH AND IFF RADAR</u>				<u>FIRE CONTROL RADAR EQUIPMENT</u>		
1	Large Air Search Radar, SK Series	B			<u>BB 33 Allowance</u>		
1	Medium Air Search Radar, SR Series (Allowed in BB 60, 61)	B		1	Fire Control Radar Equipment Mark 8 replacing Mark 3 (Main Battery)	B	
*2	Large Surface Search Radars(SG or SG-1) (One only allowed in BB 60, 61)	B		2	Fire Control Radar Equipment Mark 10 (Secondary Battery)	B	
1	Medium Surface Search Radar (SU) (Allowed in BB 60, 61)	B			<u>BB 34, 35 Allowance</u>		
1	Medium Fighter Director Radar (SP) (Allowed in BB 36-59, 62-64)	B		1	Fire Control Radar Equipment Mark 3 (Main Battery) Allowed in BB 34 only.	B	
2	Model BL or BM Series Interrogator-Respon- sor(One of these must be BM-1 in BB 36-59, 62-64 when SP is installed)	B		1	Fire Control Radar Equipment Mark 8 (Main Battery) Replaces one of present MK 3's	B	
1	Model BO-1 Series Interrogator-Respon- sor in BB 36-59, 62-64(Allowed when-SP is installed)	B		2	Fire Control Radar Equipment Mark 10 (Secondary Battery)	B	
*2	Model BN Series Interrogator-Respon- sor	B		1	Fire Control Radar Equipment Mark 4 (Secondary Battery) Allowed in BB 35 only	B	
3	Model BK Series Transponders	B			<u>BB 36 Allowance</u>		
4	Type CTZ 66 ACG or CTZ 66AFJ Antennas	B		1	Fire Control Radar Equipment Mark 8 (Main Battery) Replacing present Mark 3	B	
2	Type GCL - 211018(211014 on DC Vessels)	B		1	Fire Control Radar Equipment Mark 28-3 (Main Battery)	B	
8	Type 6V-SBM-15AH Storage Batteries	B		4	Fire Control Radar Equipment Mark 12 (Secondary Battery)	B	
	* = Only one(1) SG and one (1) BN allowed when SP is installed.			4	Fire Control Radar Equipment Mark 22 (Secondary Battery)	B	
	<u>RADAR REPEATERS</u>			4	Fire Control Radar Equipment Mark 32 (FC IFF)	B	
	Stations listed in order of priority.. Preference of model indicated by order of listing.			4	Fire Control Radar Equipment Mark 29-2 (Heavy Machine Gun Battery)	B	
1	Model VF (CIC)	B		4	Fire Control Radar Equipment Mark 34-2 (Heavy Machine Gun Battery)	B	
1	Model VG(or VG-1)(CIC)	B			<u>BB 38 Allowance</u>		
3	Model VK(or VJ or VC-12" tube or VD)(CIC)	B		1	Fire Control Radar Equipment Mark 8 (Main Battery) Replacing one of present Mark 3's.	B	
1	Model VK(or VJ or VC-12" tube or VD) (Conning Tower)	B		1	Fire Control Radar Equipment Mark 28-3 (Main Battery) Replacing one of present Mark 3's.	B	
1	Model VK(or VJ or VH or VD)(Open Bridge)	B		2	Fire Control Radar Equipment Mark 10 (Secondary Battery)	E	
1	Model VK(or VJ or VC-12" tube or VD) (Flag Plot)	B		2	Fire Control Radar Equipment Mark 12 (Secondary Battery)	B	
1	Model VK(or VF)(Flag Plot)	B		2	Fire Control Radar Equipment Mark 22 (Secondary Battery)	B	
1	Model VK(or VJ or VC-12" tube or VD) (Main Battery Plot Fwd)	B		4	Fire Control Radar Equipment Mark 29-2 (Heavy Machine Gun Battery)	B	
1	Model VK(or VJ or VC-12" tube or VD) (Secondary Battery Plot Fwd)	B		2	Fire control Radar Equipment Mark 32 (FC IFF)	B	
1	Model VK(or VF) (Bridge or Pilot House) In BB 57 and 61 Class installed in Elevated Conn)	B		4	Fire Control Radar Equipment Mark 34-2 (Interim installations may be MK 28-2)	B	
1	Model VH(or VD or VC)M.B. Fire Control Station Fwd.	B			<u>BB 40, 41 Allowance</u>		
1	Model VK(or VJ or VC-12" tube or VD) (Flag Station)	B		2	Fire Control Radar Equipment Mark 8 (Main Battery) Replacing one of present Mark 3's and one Mark 28-3.	B	
1	Model VK(or VJ or VC-12" tube or VD) (Auxiliary CIC)	B		2	Fire Control Radar Equipment Mark 28-3 (Main Battery) To replace present Mark 3's pending installation of Mark 8's.	B	
1	Model VK(or VJ or VC-12" tube or VD) (Main Battery Plot Aft)	B		1	Fire Control Radar Equipment Mark 27 (Main Battery)	B	
1	Model VK(or VJ or VC-12" tube or VD) (Secondary Battery Plot Aft)	B					
1	Model VK(or VJ or VH or VD)(Air Defense Fwd)	B					
1	Model VK(or VJ or VH or VD)(Air Defense Aft)	B					
1	Model VH(or VD or VC)(Secondary Conn)	B					
1	Model VH(or VD)(Navigating Bridge) In BB 61 Class install in Conning Tower Walkway.	B					

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SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	175D	III	10 July 1945	1 August 1945



INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**BATTLESHIPS - DIVISION FLAGSHIPS**

TYPE  
**BB**

QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
	<u>BB 40, 41 Allowance (Cont'd)</u>				<u>BB 45-46 Allowance (Cont'd)</u>		
4	Fire Control Radar Equipment Mark 12 (Secondary Battery) Replacing present (2) Mark 18 and (2) Mark 28-0	B		4	Fire Control Equipment Mark 22 (Secondary Battery)	B	
4	Fire Control Radar Equipment Mark 22 (Secondary Battery)	B		4	Fire Control Radar Equipment Mark 32 (FC IFF)	B	
4	Fire Control Radar Equipment Mark 32 (FC IFF)	B		4	Fire Control Radar Equipment Mark 29-2 (Heavy Machine Gun Battery) BB 46 only.	B	
	<u>BB 42-43 Allowance</u>			4	Fire Control Radar Equipment Mark 34-2 (Heavy Machine Gun Battery) BB 46 only.	B	
2	Fire Control Radar Equipment Mark 8 (Main Battery) Replacing Mark 3 where installed.	B			<u>BB 48 Allowance</u>		
1	Fire Control Radar Equipment Mark 27 (Main Battery)	B		2	Fire Control Radar Equipment Mark 8 (Main Battery)	B	
4	Fire Control Radar Equipment Mark 12 (Secondary Battery) Replacing Mark 28-0 where installed.	B		3	Fire Control Radar Equipment Mark 27 (Main Battery)	B	
4	Fire Control Radar Equipment Mark 22 (Secondary Battery)	B		4	Fire Control Radar Equipment Mark 12 (Secondary Battery)	B	
10	Fire Control Radar Equipment Mark 29-2 (Heavy Machine Gun Battery) Allowed in BB 43 only. Four (4) allowed in BB 42.	B		4	Fire Control Radar Equipment Mark 22 (Secondary Battery)	B	
4	Fire Control Radar Equipment Mark 32 (FC IFF)	B		10	Fire Control Radar Equipment Mark 29-2 (Heavy Machine Gun Battery)	B	
4	Fire Control Radar Equipment Mark 34-2 (Heavy Machine Gun Battery) allowed in BB 42.	B		4	Fire Control Radar Equipment Mark 32 (FC IFF)	B	
	<u>BB 44 Allowance</u>				<u>BB 55-59 Allowance</u>		
2	Fire Control Radar Equipment Mark 8 (Main Battery)	B		2	Fire Control Radar Equipment Mark 8 (Main Battery)	B	
3	Fire Control Radar Equipment Mark 27 (Main Battery)	B		1	Fire Control Radar Equipment Mark 27 (Main Battery)	B	
4	Fire Control Radar Equipment Mark 12 (Secondary Battery)	B		4	Fire Control Radar Equipment Mark 12 (Secondary Battery) Replacing present Mark 4's	B	
4	Fire Control Radar Equipment Mark 22 (Secondary Battery)	B		4	Fire Control Radar Equipment Mark 22 (Secondary Battery)	B	
10	Fire Control Radar Equipment Mark 29-2 (Heavy Machine Gun Battery)	B		8	Fire Control Radar Equipment Mark 29-2 (Heavy Machine Gun Battery) Allowed in BB 57, 58 only; Ten (10) allowed in BB 55, 56, 59.	B	
4	Fire Control Radar Equipment Mark 32 (FC IFF)	B		4	Fire Control Radar Equipment MK32(FC IFF)	B	
	<u>BB 45-46 Allowance</u>				<u>BB 60-62 Allowance</u>		
2	Fire Control Radar Equipment Mark 8 (Main Battery) Replacing one of present Mark 3's and one Mark 28-3.	B		2	Fire Control Radar Equipment Mark 13 (Main Battery) Replacing Mark 8 where installed.	B	
1	Fire Control Radar Equipment Mark 28-3 (Main Battery) To replace present Mark 3 pending installation of second Mark 8.	B		1	Fire Control Radar Equipment Mark 27 (Main Battery) [In BB 62 replaces MK 3]	B	
1	Fire Control Radar Equipment Mark 27 (Main Battery)	B		4	Fire Control Radar Equipment Mark 12 (Secondary Battery) Replacing Mark 4 where installed	B	
4	Fire Control Radar Equipment Mark 12 (Secondary Battery) Replacing Mark 4 or Mark 28 where installed.	B		4	Fire Control Radar Equipment Mark 22 (Secondary Battery)	B	
2	Fire Control Radar Equipment Mark 28-3 (Secondary Battery) to be an interim installation for (2) Mark 4 in BB 45, 46 pending installation of Mark 12.	B		8	Fire Control Radar Equipment Mark 29-2 (Heavy Machine Gun Battery) Allowed in BB 60. Two (2) Mark 29-2 allowed in BB 61. None Allowed in BB 62	B	
				4	Fire Control Radar Equipment Mark 32 (FC IFF)	B	

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SPECIAL EXCEPTIONS AND REMARKS

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SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	10 July 1945	III	175E	RE IIA 100

TYPE
BB

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**BATTLESHIPS-DIVISION FLAGSHIPS**

QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
<u>FIRE CONTROL RADAR EQUIPMENT (Cont'd)</u>							
<u>BB 63-64 Allowance</u>							
2	Fire Control Radar Equipment Mark 8 (Main Battery)	B					
1	Fire Control Radar Equipment Mark 27 (Main Battery)	B					
4	Fire Control Radar Equipment Mark 12 (Secondary Battery)	B					
4	Fire Control Radar Equipment Mark 22 (Secondary Battery)	B					
4	Fire Control Radar Equipment Mark 29-2 (Heavy Machine Gun Battery)	B					
4	Fire Control Radar Equipment Mark 32 (FC IFF)	B					
<b>SONAR MATERIAL</b>							
1	Model NM Series Sounding Equipment	B					
1	Model NK Series (Portable) Sounding Equipment	B					
<b>RCM MATERIAL</b>							
1	Model TDY-1 Transmitter	B					
1	High Frequency Transmitter	B					
1	Model RDO Series Receiver	B					
1	Model RDJ Pulse Analyzer	B					
1	Model RDP Panoramic Adapter	B					
1	Model AN/SPR-2 Receiver	B					
1	Model DBM-1 D/F System	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II				
REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	175F	III	10 July 1945	1 August 1945

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**BATTLESHIPS-DIVISION FLAGSHIPS**

TYPE

BB

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>MISCELLANEOUS SPARES</u>			
1	Model OAA-2 Echo Box	B		1	Type 10098 Antenna Mounting Adaptor	B	
2	Model OBU-2, 3 Echo Box	B		10	Type 49016 Head Telephone Assemblies	B	16H3930
2	Model OBU-4 Echo Box	B		21	Type 61493 Suspension Insulators	C	16I12145
1	Model TS-270/UP Echo Box (for each SP)	B		9	Type 61479 Suspension Insulators	C	16I12105
1	Model TS-349/UP Echo Box	B		4	Type 61019C Entrance Insulators	C	16I5951
1	Model AN/UPM-2 Frequency Meter	B		16	Type 61174B Pedestal Insulators	C	16I9829
1	Model LM Series Frequency Meter	B		1	Type 61175A Pedestal Insulator	C	16I9832
1	Model OAP Series Frequency Meter	B		4	Type 61234A Insulator Bowls	C	16I14025
1	Model TS-33/AP Frequency Meter	B		3	Type 61335 Antenna Supporting Insulators	B	16I5040
1	Model TS-173/UR Frequency Meter	B		35	Type 61339 Pedestal Insulators	C	16I9838
1	Model TS-182/UP Frequency Meter	B		3	Type 61350 Antenna Supporting Insulators	B	16I4990
1	Type 60ABM Frequency Meter (for each f... 4 or less MK 8, MK 280/2/3)	B		70	Type 61395A Spacer Insulators	C	16I9720
2	Model OBL Series Oscilloscopes	B		1	Type 61432 Antenna Supporting Insulator	B	16I5037
1	Model OBT Series Oscilloscopes	B		6	Type 61471 Entrance Insulators	B	
2	Model TS-34A/AP Oscilloscope	B		4	Type 61475 Entrance Insulators	B	
1	Model LAE Series Signal Generator	B		1	Type 66045 Vertical Antenna	B	
1	Model LAF Series Signal Generator	B		1	Type 66046 Vertical Antenna	B	
1	Model LAG Series Signal Generator	B		1	Type 66047 Vertical Antenna	B	
1	Model LO Series Signal Generator	B		300 ft.	7-#18 Bronze Antenna Wire	C	16W3740
1	Model LP Series Signal Generator	B		300 ft.	5/16" dia. (6x19) Bronze Wire Rope	C	22R200
1	Model OCD Series Pulsar	B		200 ft.	7/16" dia. (6x19) Bronze Wire Rope	C	22R210
2	Model TS-35A/AP Signal Generator	B		300 ft.	1/4" dia. O.D. Copper Coaxial Transmission Line		
1	Model TS-331/UR Signal Generator	B		400 ft.	Type RG12/U Coaxial Transmission Line	C	
1	Model OAW Series Tube Tester	B					
4	Model OZ Series Tube Testers	B					
1	Mark 2 Synchro Tester	B					
4	Model OBQ Series VT Volt Ohm Milliammeter	B					
2	Model OOR Series Volt Ohm Ma	B					
1	Model OF Series Field Strength Meter	B					
2	Model TS-89/AP Voltage Divider	B					
1	Model TS-102/UP Range Calibrator	B					
2	Model TS-268/U Crystal Test Set	B					
1	Model TS-358/UP Range Calibrator	B					
2	Model OCW Series Megger	B					
10	Type 10223 Repair Kits	B		6	Blades, hacksaw, type "B", 18 teeth	C	41B1163
2	Type 60007 C & R Bridge	B		6	Blades, hacksaw, type "B", 32 teeth	C	41B1164
2	Type 60089 VT Megohmmeter	B		1	Blower, portable, electric	B	17R21185
2	Type 10498 Terminal Kits	B		2	Chisels, machinists', hand, 1/4"	C	41C1052
2	Model TS-311A/UP Echo Box	B		2	Chisels, machinists', hand, 3/8"	C	41C1062
3	Model TS-62/AP Echo Box	B		1	Cutter, circle, 1" to 5-1/2", 1/2" round shank (Pawood #5 or equal)	C	-
				1	Drill, hand, 3/8" capacity	C	41D1828
				1	Drill, breast, 1/2" capacity	B	41D1663
				1 Set	Drills, twist, carbon-steel, type "K"	B	40D1250
				2	Files, flat, 6"	C	41F270
				2	Files, flat, 8"	C	41F872
				2	Files, flat, 10"	C	41F874
1	Model TBX Series Transmitting/Receiving Equipment	B		1	Frame, hacksaw, adjustable	C	41F790
2	Model TBY Series Transmitting/Receiving Equipment	B		1	Hammer, machinists', 1/2 lb.	C	41H521
2	Model OAH Series Code Practice Sets	B		1	Iron, soldering, electric, light duty	B	41I688
52	Type 49016 Head Telephone Assemblies	B	16H3930	1	Iron, soldering, electric, medium duty	B	41I691
4	Type 51018 Chest Microphone Assemblies	B	16N2098	1	Iron, soldering, electric, heavy duty	B	41I688
4	Type 51015 Chest Microphone Assemblies	B	16N2097	3	Pliers, combination, slip-joint, 6"	C	41P1631
				3	Pliers, combination, slip-joint, 8"	C	41P1633
				3	Pliers, diagonal cutting, 4"	C	41P1710
				3	Pliers, diagonal cutting, 6"	C	41P1714
				3	Pliers, round nose, short, 4"	C	41P1910
				3	Pliers, round nose, short, 6"	C	41P1914
				3	Pliers, side cutting, flat nose, 6"	C	41P1974
				3	Pliers, side cutting, flat nose, 8"	C	41P1977
				3	Pliers, long nose, 6"	C	41P1991
				2	Pliers, Phone-Tip, Type 49112	B	16P
				2	Punches, center, 3/8"	C	41T7185
				1	Pliers, electric, "Thermagrip #2"	B	41P1722

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

## SPECIAL EXCEPTIONS AND REMARKS

\* = Only in Vessels where MK 8-3, MK 13 or MK 22 equipment is installed.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 October 1945	III	1750	RE IIA 100

<table border="1" style="width: 100%; height: 100%;"> <tr> <td style="text-align: center;">TYPE</td> </tr> <tr> <td style="text-align: center; font-size: 2em;">BB</td> </tr> </table>	TYPE	BB	FITTING - OUT <b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b> FOR <b>BATTLESHIPS-DIVISION FLAGSHIPS</b>
TYPE			
BB			

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TOOLS (Contd.)</u>							
1	Shears, hand, type "B"	B	4182798				
4	Screwdrivers, common, 3" blade	C	4181101				
4	Screwdrivers, common, 4" blade	C	4181102				
2	Screwdrivers, common, 6" blade	C	4181104				
2	Screwdrivers, common, 8" blade	C	4181106				
2	Screwdrivers, common, 12" blade	C	4181110				
2	Screwdrivers, slim-shank, 6" blade	C	4181156				
1	Screwdriver, Phillips, 3" blade #1 point	C 41	81645-15				
1	Screwdriver, Phillips, 4" blade #2 point	C 41	81645-20				
1	Screwdriver, Phillips, 8" blade #4 point	C 41	81645-30				
1	Scriber, machinists', 9"	C	4182030				
1	Torch, gasoline, 1 quart	B	41T3645				
1	Vise, bench, Class A, 3" jaws	B	41V242				
1	Wrench, open-end, 15° double-head, 7/16" & 1/2"	C	41W1000				
1	Wrench, open-end, 15° double-head, 9/16" & 5/8"	C	41W1005				
1	Wrench, open-end, 15° double-head, 5/8" & 3/4"	C	41W1008				
1	Wrench, open-end, 15° double-head, 3/4" & 1 1/16"	C	41W1012				
1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41W1019				
1	Wrench, open-end, 15° double-head, 1" & 1-1/8"	C	41W1024				
1 Set	Wrenches, socket, medium duty 1/4" to 1"	B	41W2997				
1	Wrench, pipe, adjustable, 10"	C	41W1652				
1 Set	Wrenches, socket, hollow-shank	B 41	W2623-425				
1 Set	Wrenches, setscrew (Allen #60 <sup>4</sup> or equal)	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	175H	III	1 October 1945	1 December 1945



**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**HEAVY CRUISERS**

**TYPE**  
**CA**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<b><u>RADIO CENTRAL</u></b>				<b><u>EMERGENCY RADIO STATION (Cont.)</u></b>		
2	Model TDQ Series Transmitting Equipment	B		1	Type 23201 Transmitter Transfer Panel	B	
1	Model TBS Series Transmitting/Receiving Equipment	B		1	Type 23208 Radiophone Transfer Panel	B	
2	Model RCK Series Receiving Equipments	B		1	Type 23423 Radiophone Unit	B	
2	Model RBA Series Receiving Equipments	B		1	Type 23407 Antenna Transfer Panel	B	
4	Model RBB Series Receiving Equipments	B		2	Type 50069 Receiver Coupling Unit	B	
6	Model RBC Series Receiving Equipments	B		1	Type 50064 Modulator Equipment	B	
1	Model RAK Series Receiving Equipment	B			<b><u>U.H.F. RADIO STATION (RADIO IV)</u></b>		
1	Model RAL Series Receiving Equipment	B			<b><u>(TOP SIDE LOCATION)</u></b>		
1	Model LR Series Frequency Meter	B		1	Model SCR-608 Transmitting Receiving Equipment	B	
1	Type 23135 Control Unit	B		2	Model AN/ARC-1 Transmitting Receiving Equipment	B	
10*	Type 23146 Key-Control Panels	B		2	Model RCK Series Receiving Equipment	B	
1	Type 23183 Receiver Transfer Panel	B		1	Model TDZ Series Transmitting Equipment	B	
1	Type 23193 Transmitter Transfer Panel	B		2	Model RDZ Series Receiving Equipment	B	
1	Type 23205 Radiophone Transfer Panel	B		1	Type 66095 Antenna Assemblies	B	
1	Type 23423 Radiophone Unit	B		2	Type 211649 M. G. Sets	B	
1	Type 23404 Antenna Transfer Panel	B		3			
17*	Type 49029 Jackboxes	B	16B1005C		<b><u>SECONDARY CONN (BATT II)</u></b>		
1	Type 49546 Loudspeaker Unit	B		2	Type 23145 Control Units	B	
1	Type 51019 Hand Telephone Assembly	B		2	Type 49546 Loudspeaker Units	B	
2	Type 50069 Receiver Coupling Units	B		2	Type 51019 Hand Telephone Assemblies	B	
1	Model RBU Panoramic Adaptor for RBB	B		1	Type 23211 Radiophone Unit	B	
1	Model RBV Panoramic Adaptor for RBC	B		1	Type 49620 Speaker Amplifier Unit	B	
	<b><u>RADIO TRANSMITTER ROOM</u></b>				<b><u>PRIMARY CONNING STATION</u></b>		
2	Model TQZ Series Transmitting Equipment	B		2	Type 23135 Control Units	B	
1	Model TBS Series Transmitting/Receiving Equipment	B		1	Type 23146 Key-Control Panel	B	
1	Model TCK Series Transmitting Equipment	B		1	Type 23211 Radiophone Unit	B	
1	Model RBA Series Receiving Equipment	B		1	Type 49029 Jackbox	B	16B1005C
1	Model RBB Series Receiving Equipment	B		1	Type 49155 Loudspeaker Units	B	
1	Model RBC Series Receiving Equipment	B		2	Type 49131 Series Speaker-Amplifier Unit	B	
3	Model RBO Series Receiving Equipment	B		1	Type 51019 Hand Telephone Assemblies	B	
1	Model LR Series Frequency Meter	B		2			
1	Type 23135 Control Unit	B			<b><u>ELEVATED CONNING STATION</u></b>		
3	Type 23146 Key-Control Panels	B		2	Type 23135 Control Units	B	
1	Type 23188 Receiver Transfer Panel	B		2	Type 49546 Loudspeaker Units	B	
1	Type 23196 Transmitter Transfer Panel	B		2	Type 49618 Telephone Receptacles	B	
1	Type 23205 Radiophone Transfer Panel	B		2	Type 51082 Hand Telephone Assemblies	B	
1	Type 23405 Antenna Transfer Panel	B		1	Type 23211 Radiophone Unit	B	
1	Type 23423 Radiophone Unit	B			<b><u>COMBAT INFORMATION CENTER</u></b>		
5	Type 49029 Jackboxes	B	16B1005C	1	Model RBW Panoramic Adapter for RBK	B	
1	Type 51019 Hand Telephone Assembly	B		1	Model RBB Series Receiving Equipment	B	
2	Model TQZ Series Transmitting Equipment	B		2	Model RBK Series Receiving Equipment	B	
	<b><u>EMERGENCY RADIO STATION</u></b>			2	Type 23135 Control Units	B	
1	Model TQZ Series Transmitting Equipment	B		3	Type 23146 Key-Control Panels	B	
1	Model TBL Series Transmitting Equipment	B		4	Type 24502 Selector Switch	B	
1	Model RAK Series Receiving Equipment	B					
1	Model RAL Series Receiving Equipment	B					
1	Type 23146 Key Control Panel	B					
1	Type 23188 Receiver Transfer Panel	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 October 1945	III	180A	RE IIA 100

59



TYPE

CA

INSTALLATION  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
HEAVY CRUISERS

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	
<u>COMBAT INFORMATION CENTER (Cont.)</u>				<u>ELSEWHERE</u>				
4	Type 23423 Radiophone Units	B	16B10050	14	Type 49131 Series Speaker-Amplifier Unit	B		
3	Type 49029 Jackboxes	B						
4	Type 49131 Series Speaker-Amplifier Unit	B						
5	Type 49546 Loudspeaker Units	B						
2	Type 51019 Hand Telephone Assemblies	B						
4	Type 51008 Hand Telephone Assemblies	B						
1	Type 23187 Receiver Transfer Panel	B						
<u>FIRE CONTROL FWD</u>				<u>VISUAL FIGHTER DIRECTION STATION (FWD AIR DEFENSE LEVEL)</u>				
1	Type 23211 Radiophone Unit	B		1	Type 23211 Radiophone Unit	B		
1	Type 49618 Telephone Receptacle (Located at Spot I)	B		1	Type 49546 Loudspeaker Unit	B		
				1	Type 49620 Speaker Amplifier Unit	B		
<u>FIRE CONTROL AFT</u>				<u>ANTENNA SYSTEM</u>				
1	Type 23211 Radiophone Unit	B		8	Type 28006A Receiver Protective Units	B	16P8800	
1	Type 49618 Telephone Receptacle (Located at Spot II)	B		72*	Type 49120 Concentric Jacks	C	16J1200	
				38*	Type 49123 Concentric Patchcord Assemblies	B		
				8	Type 50163 Antenna Coupling Unit	B		
				19*	Type 61493 Suspension Insulators	C	16I12145	
				24*	Type 61479 Suspension Insulators	C	16I12105	
				10	Type 61174B Pedestal Insulators	B	16I9829	
				4	Type 61335 Antenna Supporting Insulator	B	16I5040	
				40*	Type 61339 Pedestal Insulators	C	16I9838	
				7	Type 61350 Antenna Supporting Insulator	B	16I4990	
				12	Type 61352 Anti-Corona Caps	B	16C4000	
				125	Type 61395A Spacer Insulators	C	16I9720	
				7	Type 66046 Vertical Antennas	B		
				4	Type 66047 Vertical Antennas	B		
				7	Type 50163 Antenna Coupling Units	B		
				5	Type 61475 Entrance Insulators	B		
				16	Type 61471 Entrance Insulators	B		
<u>MAIN BATTERY PLOTTING ROOM FORWARD</u>				<u>AUXILIARY COMBAT INFORMATION CENTER</u>				
1	Type 23146 Key-Control Panel	B		1	Type 24502 Selector Switch	B		
1	Type 23423 Radiophone Unit	B		1	Type 23135 Control Unit	B		
1	Type 49029 Jackbox	B	16B10050	1	Type 23146 Key-Control Panel	B		
1	Type 49620 Speaker-Amplifier Unit	B		1	Type 23423 Radiophone Unit	B		
				1	Type 49029 Jackbox	B	16B10050	
				1	Type 49155 Loudspeaker Unit	B		
				1	Type 49131 Series Speaker-Amplifier Unit	B		
				1	Type 51019 Hand Telephone Assembly	B		
<u>SECONDARY BATTERY PLOT</u>				<u>CHART HOUSE</u>				
1	Type 23423 Radiophone Unit	B		2	Type 24502 Selector Switch	B		
1	Type 49131 Speaker-Amplifier Unit	B		1	Model DAS Loran Equipment	B		
				2	Type 23135 Control Units	B		
				1	Type 23423 Radiophone Unit	B		
				1	Type 49029 Jackbox	B		
				2	Type 49155 Loudspeaker Units	B		
				1	Type 49131 Series Speaker-Amplifier Unit	B		
				2	Type 51019 Hand Telephone Assemblies	B		
				2	Type 51008 Hand Telephone Assemblies	B		

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	180B	III	1 October 1945	1 December 1945

09

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**HEAVY CRUISERS**

<b>TYPE</b>
<b>CA</b>

QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
	<b>SEARCH AND IFF RADAR</b>				<b>FIRE CONTROL RADAR EQUIPMENT (CONT'D)</b>		
1	Large Air Search Radar	B		2	Fire Control Radar Equipments Mark 13 (Main Battery) Allowed in CA 69, 70, 74, 75, 122-129, 131-135, 137-143, 148, 149, replacing Mark 8 in CA 69, 70.	B	
0+2	Large Surface Search Radar	B		4	Fire Control Radar Equipments Mark 27 (Main Battery) Allowed in CA 134, 139-143, 148, 149.	B	
1	Medium Fighter Director Radar, Model SP	B		2	Fire Control Radar Equipments Mark 26-0/3 (Secondary Battery) CA 24-45, replacing Mark 4 where installed	B	
1	Model BL or BM Series Interrogator-Responsor	B		2	Fire Control Radar Equipments Mark 12 (Secondary Battery) Allowed in CA 68-75, 122-143, 148, 149, replacing Mark 4 in CA 69, 70.	B	
1	Model BM-1 Interrogator/Responsor	B		2	Fire Control Radar Equipments Mark 22 (Secondary Battery) Allowed in CA 68-75, 122-143, 148, 149	B	
1	Model BO-1 Interrogator/Responsor	B		2	Fire Control Radar Equipment Mark 29-2 (Heavy Machine Gun Battery) Allowed in CA 27, 28.	B	
2	Model BN Series Interrogator/Responsors	B			Eight (8) allowed in CA 134, 139-143, 148, 149.		
3	Model BK Series Transponders	B			Six (6) allowed in CA 68-75, 130-133, 135, 136.		
4	Type CTZ-66 ACG or CTZ-66 AFJ Antennas	B			Eight (8) allowed in CA 122-129, 137, 138		
Ø1	Type CCL - 211018 Motor Generator	B		2	Fire Control Radar Equipments Mark 34-2 (Heavy Machine Gun Battery) Allowed on CA 68-75, 130-133, 135, 136.	B	
8	Type 6V-SBM-15AH Storage Batteries	B	17B9490		Four (4) allowed in CA 27, 28, 32. Interim installation may be Mark 28-2.	B	
	o = One Large Surface Search Radar and Model BN to be removed when Model SP is installed.			2	Fire Control Radar Equipments Mark 32 (FC IFF) Allowed in CA 68-75, 122-143, 148, 149.	B	
	+ = Only one Surface Search Radar (Model SG-3) Allowed in CA 122-129, 134, 137-149 (SG-1 allowed in 28, 32, 74, 75)						
	Ø = Substitute CCL - 211014 on DC vessels						
1	<b>RADAR REPEATERS</b>				<b>SONAR MATERIAL</b>		
1	Model VF (CIC)	B		1	Model NM Series Sounding Equipment	B	
1	Model VG Series (CIC)	B		1	Model NK Series (Portable) Sounding Equipment	B	
3	Model VK (or VJ or VC-12" tube or VD) (CIC)	B			<b>RCM MATERIAL</b>		
1	Model VK (or VJ or VC-12" tube or VD) (Conning Tower)	B		1	Model TDY-1 Transmitter	B	
1	Model VK (or VJ or VH or VD) (Open Bridge)	B		1	High Frequency Transmitter	B	
1	Model VK (or VJ or VC-12" tube or VD) (Chart House)	B		1	Model RDC Receiver	B	
1	Model VK (or VF) (Chart House)	B		1	Model RDJ Series Pulse Analyzer	B	
1	Model VK (or VJ or VC-12" tube or VD) (Main Battery Plot Fwd)	B		1	Model AN/SPR-2 Receiver	B	
1	Model VK (or VJ or VC-12" tube or VD) (Sec Battery Plot Fwd)	B		1	Model DBM-1 D/F System	B	
1	Model VK (or VF) (Bridge)	B		1	Model RDP Series Panoramic Adapter	B	
1	Model VH (VD or VC) (Main Battery F.C. Station Fwd)	B					
1	Model VK (or VJ or VC-12" tube or VD) (Auxiliary CIC)	B					
1	Model VK (or VJ or VC-12" tube or VD) (Main Battery Plot Aft)	B					
1	Model VK (or VJ or VC-12" tube or VD) (Secondary Battery Plot Aft)	B					
1	Model VH (or VD or VC) (Main Battery F.C. Station Aft)	B					
1	Model VK (or VJ or VH or VD) (Air Defense Fwd)	B					
1	Model VK (or VJ or VH or VD) (Air Defense Aft)	B					
1	Model VH (or VD or VC) (Secondary Conn)	B					
	<b>FIRE CONTROL RADAR EQUIPMENT</b>						
2	Fire Control Radar Equipments Mark 8 (Main Battery) Allowed in CA 24-31, 33, 35, 45, 68, 70-73, 130, 136.	B					
2	Fire Control Radar Equipments Mark 28-0/3 (Main Battery) Allowed in CA 24, 25, 32, 36-38, replacing Mark 3 where installed.	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

1 - Stations listed in order of priority.  
 Preference of model indicated by order of listing.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 October 1945	III	180C	RE IIA 100

FITTING - OUT

TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
HEAVY CRUISERS

TYPE

CA

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>				<u>MISCELLANEOUS SPARES (Contd)</u>			
1	Model TBX Series Transmitting-Receiving Equipment	B	16H3930	2	Type 61174B Pedestal Insulators	C	1619829
2	Model TBY Series Transmitting-Receiving Equipment	B		4	Type 61231A Insulator Bowls	C	16114050
46	Type 49016 Head Telephone Assemblies	B		8	Type 61339 Pedestal Insulators	C	1619838
3	Type 51015 Chest Microphone Assemblies	B		1	Type 61350 Antenna Supporting Insulator	C	1614990
3	Type 51018 Chest Microphone Assemblies	B		25	Type 61395A Spacer Insulators	B	1619720
				1	Type 66046 Vertical Antenna	B	
				1	Type 66047 Vertical Antenna	B	
				300 ft	7-#18 Bronze Antenna Wire	C	16W3740
				300 ft	5/16" Dia. (6x19) Bronze Wire Rope	C	22R200
				200 ft	7/16" Dia. (6x19) Bronze wire Rope	C	22R210
			300 ft	Type RG12/U Coaxial Transmission Line	B		
			1	Type 61475 Entrance Insulator	B		
			3	Type 61471 Entrance Insulators	B		
			1	Type 61476 Insulator Bowl	B		
			3	Type 61471 Insulator Bowls	B		
<u>TESTING EQUIPMENT</u>				<u>TOOLS</u>			
1	Model OAA-2 Echo Box	B		6	Blades, hacksaw, type "B", 18 teeth	C	41B1163
2	Model OBU-2, 3 Echo Box	B		6	Blades, hacksaw, type "B", 32 teeth	C	41B1164
2	Model OBU-4 Echo Box	B		1	Blower, portable, electric	B	17B21185
1	Model TS-270/UP Echo Box (for each SP)	B		2	Chisels, machinists', hand, 1/4"	C	41C1052
1	Model TS-349/UP Echo Box	B		2	Chisels, machinists', hand, 3/8"	C	41C1062
1	Model AN/UPM-2 Frequency Meter	B		1	Cutter, circle, 1" to 5-1/2" 1/2" round shank, (Pawood #5 or equal)	C	
1	Model LM Series Frequency Meter	B		1	Drill, hand, 3/8" capacity	C	41D1828
1	Model OAP Series Frequency Meter	B		1	Drill, breast, 1/2" capacity	C	41D1163
2	Model TS-33/AP Frequency Meter	B		1 set	Drills, twist, carbon-steel, type "K"	C	40D1250
1	Model TS-173/UR Frequency Meter	B		2	Files, flat, 6"	C	41F870
1	Model TS-182/UP Frequency Meter	B		2	Files, flat, 8"	C	41F872
1	Type 60ABM Frequency Meter (One for each Fan or less MK8 and MK28-0/2/3)	B		2	Files, flat, 10"	C	41F874
2	Model OBL Series Oscilloscopes	B		1	Frame, hacksaw, adjustable	C	41F3390
1	Model OBT Series Oscilloscope	B		1	Hammer, machinists', 1/2 lb.	C	41H521
2	Model TS-34A/AP Oscilloscope	B		1	Iron, soldering, electric, light duty	B	41I688
1	Model LAE Series Signal Generator	B		1	Iron, soldering, electric, medium duty	B	41I691
1	Model LAF Series Signal Generator	B		1	Iron, soldering, electric, heavy duty	B	41I685
1	Model LAG Series Signal Generator	B		3	Pliers, combination, slip-joint, 6"	C	41P1631
1	Model LO Series Signal Generator	B		3	Pliers, combination, slip-joint, 8"	C	41P1633
1	Model LP Series Signal Generator	B		3	Pliers, diagonal cutting, 4"	C	41P1710
1	Model OCD Series Pulsar	B		3	Pliers, diagonal cutting, 6"	C	41P1714
2	Model TS-35A/AP Signal Generators	B		3	Pliers, round nose, short, 4"	C	41P1910
1	Model TS-331/UR Signal Generator	B		3	Pliers, round nose, short, 6"	C	41P1914
1	Model OAW Series Tube Tester	B		3	Pliers, side cutting, flat nose, 6"	C	41P1974
4	Model OZ Series Tube Testers	B		3	Pliers, side cutting, flat nose, 8"	C	41P1977
1	Mark 2 Synchro Tester	B		3	Pliers, long nose, 6"	C	41P1991
4	Model OBQ Series VT Volt Ohm Milliammeter	B		2	Punches, center, 3/8"	C	41T3185
1	Model OCR Series Volt-Ohm-Ma	B		1	Pliers, electric, "Thermagrip #2"	B	
1	Model OF Series Field Strength Meter	B		1	Shears, hand, type "B"	C	41S2798
1	Model TS-89/AP Voltage Divider	B		4	Screwdrivers, common, 3" blade	C	41S1101
1	Model TS-102/UP Range Calibrator	B		4	Screwdrivers, common, 4" blade	C	41S1102
1	Model TS-268/U Crystal Test Set	B		2	Screwdrivers, common, 6" blade	C	41S1104
1	Model TS-358/UP Range Calibrator	B		2	Screwdrivers, common, 8" blade	C	41S1106
2	Model OCV Series Megger	B		2	Screwdrivers, common, 12" blade	C	41S1110
8	Type 10223 Repair Kits	B		2	Screwdrivers, slim-shank, 6" blade	C	41S1156
1	Type 60007 C & R Bridge	B		1	Screwdriver, Phillips, 3" blade, #1point	C	41S16451
1	Type 60089 VT Megohmmeter	B		1	Screwdriver, Phillips, 4" blade, #2point	C	41S164520
2	Type 10498 Terminal Kits	B		1	Screwdriver, Phillips, 8" blade, #4point	C	41S164530
3	Model TS-62/AP Echo Box	B		1	Scriber, machinists', 9"	C	41S2030
2	Model TS-31A/UP Echo Box	B		1	Torch, gasoline, 1 quart	C	41T3645
10	Type 49016 Head Telephone Assemblies	B	16H3930				
10	Type 61493 Suspension Insulators	B	16112145				
12	Type 61479 Suspension Insulators	C	16112105				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	180D	III	1 October 1945	1 December 1945

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
 FOR  
 HEAVY CRUISERS**

TYPE
CA

NAVSHIPS - 981

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TOOLS (Cont.)</u>							
1	Wrench, open-end, 15° double-head, 1" & 1-1/8"	C	41W1024				
1 set	Wrenches, socket, medium duty, 1/4" to 1"	B	41W2997				
1	Wrench, pipe, adjustable, 10"	C	41W1652				
1 set	Wrenches, socket, hollow-shank	B	41W26234				
1 set	Wrenches, astscrew, (Allen #604 or equal)	B					
1	Wrench, open-end, 15° double-head, 7/16" & 1/2"	C	41W1000				
1	Wrench, open-end, 15° double-head, 9/16" & 5/8"	C	41W1005				
1	Wrench, open-end, 15° double-head, 5/8" & 3/4"	C	41W1008				
1	Wrench, open-end, 15° double-head, 3/4" & 13/16"	C	41W1012				
1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41W1019				
1	Vise, bench, 3" jaws, Class A	C	41V242				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

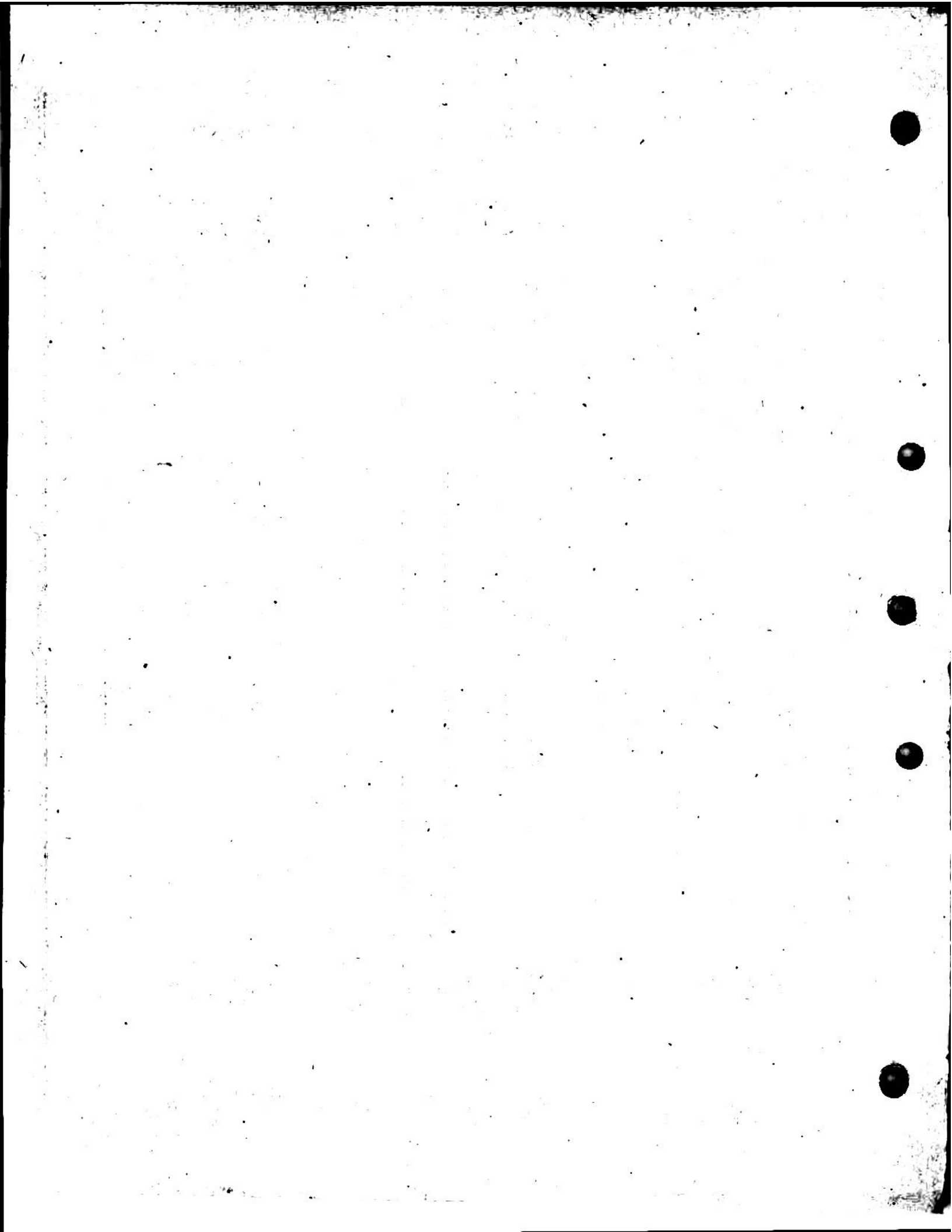
SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 June 1945	31 July 1944	III	180 <sup>E</sup>	RE IIA 100

RADIO DIVISION - BUREAU OF SHIPS

57





**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**HEAVY CRUISERS (DIVISION FLAGSHIPS)**

TYPE
CA

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<b><u>RADIO CENTRAL</u></b>				<b><u>EMERGENCY RADIO STATION (Cont.)</u></b>		
2	Model TDQ Series Transmitting Equipment	B		1	Type 23208 Radiophone Transfer Panel	B	
1	Model TBS Series Transmitting-Receiving Equipment	B		1	Type 23423 Radiophone Unit	B	
2	Model RCK Series Receiving Equipments	B		1	Type 23407 Antenna Transfer Panel	B	
2	Model RBA Series Receiving Equipments	B		2	Type 50069 Receiver Coupling Units	B	
4	Model RBB Series Receiving Equipments	B		1	Type 50064 Modulator Equipment	B	
6	Model RBC Series Receiving Equipments	B					
1	Model RAK Series Receiving Equipment	B					
1	Model RAL Series Receiving Equipment	B					
1	Model LR Series Frequency Meter	B					
					<b><u>U.H.F. RADIO STATION (RADIO IV)</u></b> <b><u>(TOPSIDE LOCATION)</u></b>		
1	Model RBU Panoramic Adaptor for RBB	B		1	Model SCR-608 Transmitting Receiving Equipment	B	
1	Model RBV Panoramic Adaptor for RBC	B		2	Model AN/ARC-1 Transmitting Receiving Equipment	B	
10*	Type 23135 Control Unit	B		2	Model RCK Series Receiving Equipments	B	
1	Type 23146 Key-Control Panels	B		2	Model TDZ Series Transmitting Equipments	B	
1	Type 23183 Receiver Transfer Panel	B		4	Model RDZ Series Receiving Equipments	B	
1	Type 23193 Transmitter Transfer Panel	B		2	Type 66095 Antenna Assemblies	B	
1	Type 23205 Radiophone Transfer Panel	B		3	Type 211649 M.O. Sets	B	
17*	Type 23423 Radiophone Units	B	16B10050				
1	Type 49029 Jackboxes	B					
1	Type 51019 Hand Telephone Assembly	B					
1	Type 23404 Antenna Transfer Panel	B					
2	Type 50069 Receiver Coupling Units	B					
1	Type 49546 Loudspeaker Unit	B					
					<b><u>FLAG BRIDGE</u></b>		
				2	Type 49546 Loudspeaker Units	B	
				2	Type 49618 Telephone Receptacles	B	
				2	Type 51082 Hand Telephone Assemblies	B	
	<b><u>RADIO TRANSMITTER ROOM</u></b>				<b><u>PRIMARY CONNING STATION</u></b>		
2	Model TCZ Series Transmitting Equipment	B		2	Type 23135 Control Units	B	
1	Model TBS Series Transmitting-Receiving Equipment	B		1	Type 23146 Key-Control Panel	B	
1	Model TCK Series Transmitting Equipment	B		2	Type 23211 Radiophone Unit	B	
1	Model RBA Series Receiving Equipment	B		1	Type 49029 Jackbox	B	16B10050
1	Model RBB Series Receiving Equipment	B		2	Type 49546 Loudspeaker Units	B	
1	Model RBC Series Receiving Equipment	B		1	Type 49620 Series Speaker-Amplifier Unit	B	
3	Model RBO Series Receiving Equipment	B		2	Type 51019 Hand Telephone Assemblies	B	
1	Model LR Series Frequency Meter	B					
1	Type 23135 Control Unit	B					
1	Type 23188 Receiver Transfer Panel	B					
3	Type 23146 Key-Control Panels	B					
1	Type 23196 Transmitter Transfer Panel	B					
1	Type 23208 Radiophone Transfer Panel	B					
5	Type 49029 Jackboxes	B	16B10050				
1	Type 51019 Hand Telephone Assembly	B					
1	Type 23405 Antenna Transfer Panel	B					
1	Type 23423 Radiophone Unit	B					
2	Model TCS Series Transmitting Equipment	B					
					<b><u>ELEVATED CONNING STATION</u></b>		
				2	Type 23135 Control Units	B	
				2	Type 49546 Loudspeaker Units	B	
				2	Type 51082 Hand Telephone Assemblies	B	
				2	Type 49618 Telephone Receptacles	B	
				1	Type 23211 Radiophone Unit	B	
	<b><u>EMERGENCY RADIO STATION</u></b>						
1	Model TBL Series Transmitting Equipment	B					
1	Model TCZ Series Transmitting Equipment	B					
1	Model RAK Series Receiving Equipment	B					
1	Model RAL Series Receiving Equipment	B					
1	Type 23146 Key-Control Panel	B					
1	Type 23188 Receiver Transfer Panel	B					
1	Type 23201 Transmitter Transfer Panel	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 October 1945	III	181A	RE IIA 100

TYPE

CA

**INSTALLATIONS**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**HEAVY CRUISERS, (DIVISION FLAGSHIPS)**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>COMBAT INFORMATION CENTER</u>				<u>ELSEWHERE</u>			
1	Model RBW Panoramic Adapter for RBK	B		14	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
1	Model RBK Series Receiving Equipments	B					
2	Model RBK Series Receiving Equipment	B					
2	Type 23135 Control Units	B					
3	Type 23146 Key-Control Panels	B					
3	Type 23423 Radiophone Units	B					
1	Type 49029 Jackboxes	B	16B10050				
1	Type 49620 Series Speaker-Amplifier Unit	B					
4	Type 24502 Selector Switches	B					
2	Type 49546 Loudspeaker Units	B					
4	Type 51019 Hand Telephone Assemblies	B					
4	Type 51008 Hand Telephone Assemblies	B					
1	Type 23187 Receiver Transfer Panel	B					
<u>AUXILIARY COMBAT INFORMATION CENTER</u>				<u>SECONDARY CONN (BATTII)</u>			
1	Type 23135 Control Unit	B		2	Type 23135 Control Units	B	
1	Type 23146 Key Control Panel	B		2	Type 49546 Loudspeaker Units	B	
1	Type 23423 Radiophone Unit	B		2	Type 51019 Hand Telephone Assembly	B	
1	Type 49029 Jackbox	B	16B10050	1	Type 23211 Radiophone Unit	B	
1	Type 49546 Loudspeaker Unit	B		1	Type 49620 Speaker Amplifier Unit	B	
1	Type 49620 Series Speaker-Amplifier Unit	B					
1	Type 51019 Hand Telephone Assembly	B					
1	Type 24502 Selector Switch	B		<u>FLAG RADIO AND FLAG PLOT</u>			
<u>FIRE CONTROL FWD</u>				2	Type 24502 Selector Switches	B	
1	Type 23211 Radiophone Unit	B		2	Type 23135 Control Units	B	
1	Type 49618 Telephone Receptacle (Located at Spot I)	B		2	Type 23146 Key-Control Panels	B	
<u>FIRE CONTROL AFT</u>				2	Type 23423 Radiophone Unit	B	
1	Type 23211 Radiophone Unit	B		2	Type 49029 Jackboxes	B	16B10050
1	Type 49618 Telephone Receptacle (Located at Spot II)	B		2	Type 49546 Loudspeaker Units	B	
<u>MAIN BATTERY PLOTTING ROOM FORWARD</u>				1	Type 49620 Series Speaker-Amplifier Unit	B	
1	Type 23146 Key-Control Panel	B		2	Type 51019 Hand Telephone Assemblies	B	
1	Type 23423 Radiophone Unit	B		<u>SECONDARY BATTERY PLOT</u>			
1	Type 49029 Jackbox	B	16B10050	1	Type 23423 Radiophone Unit	B	
1	Type 49620 Speaker-Amplifier Unit	B		1	Type 49620 Series Speaker-Amplifier Unit	B	
<u>CHART HOUSE</u>				<u>VISUAL FIGHTER DIRECTOR STATION FORWARD AIR DEFENSE LEVEL</u>			
1	Type 49029 Jackbox	B	16B10050	1	Type 23211 Radiophone Unit	B	
1	Model DAB Loran Equipment	B		1	Type 49546 Loudspeaker Unit	B	
				1	Type 49620 Speaker-Amplifier Unit	B	

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE 11A 100	151P	III	1 October 1945	1 December 1945

64

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**HEAVY CRUISERS (DIVISION FLAGSHIPS)**

TYPE
CA

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
	<b>ANTENNA SYSTEM</b>				<b>SEARCH AND IFF RADAR</b>		
73*	Type 49120 Concentric Jacks	C	16J1200	1	Large Air Search Radar	B	
38*	Type 49123 Concentric Patchcord Assemblies	B		o+2	Large Surface Search Radar	B	
19*	Type 61493 Suspension Insulators	C	16I12145	1	Medium Fighter Director Radar, Model SP	B	
24*	Type 61479 Suspension Insulators	C	16I12105	1	Model BL or BM Series Interrogator-Responser	B	
10*	Type 61174B Pedestal Insulators	C	16I12105	1	Model BM-1 Interrogator/Responser	B	
4	Type 61335 Antenna Supporting Insulators	B	16I5040	1	Model BO-1 Interrogator/Responser	B	
40*	Type 61339 Pedestal Insulators	C	16I9838	2	Model BN Series Interrogator/Responser	B	
7	Type 61350 Antenna Supporting Insulators	B	16I4990	3	Model BK Series Transponders	B	
10	Type 61352 Anti-Corona Caps	B	16C4000	4	Type CTZ-66 ACG or CTZ-66 AFJ Antennas	B	
125	Type 61395A Spacer Insulators	C	16I9720	1	Type CCL - 211018 Motor Generator	B	
7	Type 66046 Vertical Antennas	B		8	Type 6V-SBM-15AH Storage Batteries	B	
4	Type 66047 Vertical Antennas	B		0	= One Large Surface Search Radar and Model BN to be removed when Model SP is installed.		
16*	Type 61471 Entrance Insulators	B		+	= Only one Surface Search Radar (model SG-3) Allowed in CA 122-129, 134, 137-149.		
5*	Type 61475 Entrance Insulators	B		Ø	= Substitute CCL - 211014 on DC vessels.		
					<b>RADAR REPEATERS</b>		
				1	Model VF (CIC)	B	
				1	Model VG Series (CIC)	B	
				3	Model VK(or VJ or VC-12" tube or VD)(CIC)	B	
				1	Model VK(or VJ or VC-12" tube or VD) (Conning Tower)	B	
				1	Model VK(or VJ or VH or VD)(Open Bridge)	B	
				1	Model VK(or VJ or VC-12" tube or VD) (Flag Plot)	B	
				1	Model VK(or VF) (Flag Plot)	B	
				1	Model VK(or VJ or VC-12" tube or VD) (Main Battery Plot Fwd)	B	
				1	Model VK(or VJ or VC-12" tube or VD) (See Battery Plot Fwd)	B	
				1	Model VK(or VF) (Bridge)	B	
				1	Model VH(VD or VC)(Main Battery F. C. Station Fwd)	B	
				1	Model VK(or VJ or VC-12" tube or VD) (Auxiliary CIC)	B	
				1	Model VK(or VJ or VC-12" tube or VD) (Main Battery Plot Aft)	B	
				1	Model VK(or VJ or VC-12" tube or VD) (Secondary Battery Plot Aft)	B	
				1	Model VH(or VD or VC)(Main Battery F.C. Station Aft)	B	
				1	Model VE(or VJ or VH or VD)(Air Defense Fwd)	B	
				1	Model VK(or VJ or VH or VD)(Air Defense Aft)	B	
				1	Model VH(or VD or VC)(Secondary Conn)	B	
					<b>FIRE CONTROL RADAR EQUIPMENT</b>		
				2	Fire Control Radar Equipments Mark 8 (Main Battery) Allowed in CA 24-31, 33, 35, 45-73, 130, 136.	B	
				2	Fire Control Radar Equipments Mark 28-0/3 (Main Battery) Allowed in CA 24, 25, 32, 36-38, replacing Mark 3 where installed	B	

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

\* = Stations listed in order of priority.  
 Preference of model indicated by order of listing.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
10 July 1945	1 June 1945	III	1810	DC 11A 100

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">TYPE</td> </tr> <tr> <td style="text-align: center; font-size: 2em;">CA</td> </tr> </table>	TYPE	CA	<p>INSTALLATION</p> <p><b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b></p> <p>FOR</p> <p><b>HEAVY CRUISERS (DIVISION FLAGSHIPS)</b></p>
TYPE			
CA			

QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
<b>FIRE CONTROL RADAR EQUIPMENT (CONT'D)</b>							
2	Fire Control Radar Equipments Mark 13 (Main Battery) Allowed in 69, 70, 74, 75, 122-129, 131-135, 137-143, 148, 149, replacing Mark 8 in CA 69, 70.	B					
4	Fire Control Radar Equipments Mark 27 (Main Battery) Allowed in CA 134, 139-143, 148, 149.	B					
2	Fire Control Radar Equipments Mark 28-Q/3 (Secondary Battery) CA 24-45, replacing Mark 4 where installed	B					
2	Fire Control Radar Equipments Mark 12 (Secondary Battery) Allowed in CA 68-75, 122-143, 148, 149, replacing Mark 4 in CA 69, 70.	B*					
2	Fire Control Radar Equipments Mark 22 (Secondary Battery) Allowed in CA 68-75, 122-143, 148, 149	B					
2	Fire Control Radar Equipments Mark 29-2 (Heavy Machine Gun Battery) Allowed in CA 24, 27, 28, 35, 36.	B.					
	Eight (8) allowed in CA 134, 139-143, 148, 149.						
	Six (6) allowed in CA 68-75, 130-133, 135, 136.						
	Eight (8) allowed in CA 122-129, 137, 138.	B					
2	Fire Control Radar Equipments Mark 34-2 (Heavy Machine Gun Battery) Allowed on CA 68-75, 130-133, 135, 136.	B			<b>SONAR MATERIAL</b>		
	Four (4) allowed in CA 24, 27, 28, 32, 36.						
	Interim installation may be Mark 28-2.	B		1	Model NM Series Sounding Equipment	B	
2	Fire Control Radar Equipments Mark 32 (FC IFF) allowed in CA 68-75, 122-143, 148, 149.	B		1	Model NK Series (Portable) Sounding Equipment	B	
8	Fire Control Radar Equipments Mark 34-2 (Heavy Machine Gun Battery) Allowed on CA 134, 139-143, 148, 149.	B			<b>RCM MATERIAL</b>		
				1	Model TDY-1 Transmitter	B	
				1	High Frequency Transmitter	B	
				1	Model RDO Series Receiver	B	
				1	Model RDJ Series Pulse Analyzer	B	
				1	Model RDP Series Panoramic Adapter	B	
				1	Model AN/SPR-2 Receiver	B	
				1	Model DBM-1 D/F System	B	

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	181D	III	1 June 1945	10 July 1945







FITTING - OUT

TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
HEAVY CRUISERS (DIVISION FLAGSHIPS)

TYPE

CA

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TOOLS (CONT'D)</u>							
4	Screwdrivers, Common, 3" blade	C	41S1101				
4	Screwdrivers, Common, 4" blade	C	41S1102				
2	Screwdrivers, Common, 6" blade	C	41S1104				
2	Screwdrivers, common, 8" blade	C	41S1106				
2	Screwdrivers, common, 12" blade	C	41S1110				
2	Screwdrivers, slim-shank, 6" blade	C	41S1156				
1	Screwdriver, Phillips, 3" blade, #1 point	C	41S164515				
1	Screwdriver, Phillips, 4" blade, #2 point	C	41S164520				
1	Screwdriver, Phillips, 8" blade, #4 point	C	41S164530				
1	Scriber, Machinists', 9"	C	41S2030				
1	Torch, gasoline, 1 quart	B	41T3645				
1	Vise, bench, 3" jaws, Class A	B	41V242				
1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000				
1	Wrench, open-end, 15" double-head, 9/16" & 5/8"	C	41W1005				
1	Wrench, open-end, 15" double-head, 5/8" & 3/4"	C	41W1008				
1	Wrench, open-end, 15" double-head, 3/4" & 13/16"	C	41W1012				
1	Wrench, open-end, 15" double-head, 7/8" & 15/16"	C	41W1019				
1	Wrench, open-end, 15" double-head, 1" & 1-1/8"	C	41W1024				
1 set	Wrenches, socket, medium duty, 1.4" to 1"	B	41W2997				
1	Wrench, pipe, adjustable, 10"	C	41W1652				
1 set	Wrenches, socket, hollow-shank	B	41W2235				
1 set	Wrenches, setscrew (Allen #604 or equal)	B					

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE- IIA 100	181F	III	1 October 1945	1 December 1945



TYPE

CB

## INSTALLATION

# TYPE ALLOWANCE OF ELECTRONIC MATERIAL FOR LARGE CRUISERS

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>FLAG RADIO AND FLAG PLOT</u>				<u>SECONDARY BATTERY PLOTTING ROOM FORWARD</u>			
1	Model TBS Series Transmitting-Receiving Equipment	B	16B10050	1	Type 23423 Radiophone Unit	B	16B10050
2	Type 23135 Control Units	B		1	Type 49620 Speaker-Amplifier Unit	B	
2	Type 23146 Key-Control Panels	B					
2	Type 23423 Radiophone Unit	B					
2	Type 24502 Selector Switches	B					
2	Type 49029 Jackboxes	B					
2	Type 49620 Series Speaker-Amplifier Unit	B					
2	Type 49546 Loudspeaker Units	B					
2	Type 51008 Hand Telephone Assemblies	B					
2	Type 51019 Hand Telephone Assemblies	B					
<u>COMBAT INFORMATION CENTER</u>				<u>MAIN BATTERY PLOTTING ROOM AFT</u>			
1	Model RBS Series Receiving Equipment	B	16B10050	1	Type 23146 Key-Control Panel	B	16B10050
2	Model RBK Series Receiving Equipments	B		1	Type 23423 Radiophone Unit	B	
1	Model RBW Panoramic Adapter for RBK	B		1	Type 49029 Jackbox	B	
2	Type 23135 Control Units	B		1	Type 49620 Speaker-Amplifier Unit	B	
3	Type 23146 Key-Control Panels	B					
4	Type 23423 Radiophone Units	B					
4	Type 24502 Selector Switches	B					
3	Type 49029 Jackboxes	B					
5	Type 49546 Loudspeaker Units	B					
4	Type 49620 Series Speaker-Amplifier Units	B					
4	Type 51019 Hand Telephone Assemblies	B					
1	Type 51008 Hand Telephone Assemblies	B					
1	Type 23187 Receiver Transfer Panel	B					
<u>FIRE CONTROL FWD</u>				<u>SECONDARY BATTERY PLOTTING ROOM AFT</u>			
1	Type 23211 Radiophone Unit	B	16B10050	1	Type 23423 Radiophone Unit	B	16B10050
1	Type 49618 Telephone Receptacle (Located Spot I)	B		1	Type 49620 Speaker-Amplifier Unit	B	
<u>FIRE CONTROL AFT</u>				<u>CHART HOUSE</u>			
1	Type 23211 Radiophone Unit	B	16B10050	1	Model DAS Loran Equipment	B	16B10050
1	Type 49618 Telephone Receptacle (Located Spot II)	B		1	Type 49029 Jackbox	B	
<u>MAIN BATTERY PLOTTING ROOM FORWARD</u>				<u>ELSEWHERE</u>			
1	Type 23146 Key-Control Panel	B	16B10050	16	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	16B10050
1	Type 23423 Radiophone Unit	B					
1	Type 49029 Jackbox	B					
1	Type 49620 Loudspeaker Amplifier Unit	B					
<u>ANTENNA SYSTEM</u>							
				7	Type 50163 Antenna Coupling Units	B	
				19*	Type 61493 Suspension Insulators	B	16I12145
				24*	Type 61479 Suspension Insulators	B	16I12105
				10*	Type 61174B Pedestal Insulators	C	16I9829
				3*	Type 61335 Antenna Supporting Insulator	B	16I5040
				35*	Type 61339 Pedestal Insulators	C	16I9838
				7	Type 61350 Antenna Supporting Insulator	B	16I4990
				12	Type 61352 Anti-Corona Caps	B	16C4000
				125*	Type 61395A Spacer Insulators	C	16I9720
				5*	Type 61475 Entrance Insulators	B	
				16*	Type 61471 Entrance Insulators	B	
				7	Type 66046 Vertical Receiving Antennas	B	
				3	Type 66047 Vertical Transmitting Antennas	B	

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	185B	III	1 October 1945	1 December 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**LARGE CRUISERS**

TYPE
CB

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>VISUAL FIGHTER DIRECTOR STATION (FORWARD AIR DEFENSE LEVEL)</u>						
1	Type 23211 Radiophone Unit	B					
1	Type 49546 Loudspeaker Unit	B					
1	Type 49620 Speaker-Amplifier Unit	B					

*QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

SPECIAL EXCEPTIONS AND REMARKS

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 June 1945		III	1850	RE IIA 100

79





**FITTING - OUT**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**LARGE CRUISERS**

<b>TYPE</b>
<b>CB</b>

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>MISCELLANEOUS SPARES (CONTD)</u>			
1	Model OAA-2 Echo Box	B		1	Type 61339 Pedestal Insulators	C	1619838
2	Model OBU-2, 3 Echo Box	B		1	Type 61350 Antenna Supporting Insulator	B	1614990
2	Model OBU-4 Echo Box	B		25	Type 61395A Spacer Insulators	C	169720
1	Model TS-270/UP Echo Box (for each SP)	B		300ft	7-#18 Bronze Antenna Wire	C	16W3740
1	Model TS-349/UP Echo Box	B		300ft	5/16" dia. (6x19) Bronze Wire Rope	C	22R200
1	Model AN/UPM-2 Frequency Meter	B		300ft	7/16" dia. (6x19) Bronze Wire Rope	C	22R210
1	Model LM Series Frequency Meter	B		300ft	Type <del>61320</del> Coaxial Transmission Line	C	16C1525
1	Model OAP Series Frequency Meter	B		1	Type 66046 Vertical Receiving Antennas	B	
2	Model TS-33/AP Frequency Meter	B		1	Type 66047 Vertical Transmitting Antennas	B	
1	Model TS-173/UR Frequency Meter	B		3	Type 61471 Entrance Insulators	B	
1	Model TS-182/UP Frequency Meter	B		1	Type 61475 Entrance Insulator	B	
2	Model OEL Series Oscilloscopes	B		3	Type 61470 Insulator Bowls	B	
1	Model OBT Series Oscilloscopes	B		1	Type 61476 Insulator Bowls	B	
2	Model TS-344/AP Oscilloscopes	B					
1	Model LAE Series Signal Generator	B					
1	Model LAF Series Signal Generator	B					
1	Model LAG Series Signal Generator	B					
1	Model LO Series Signal Generator	B					
1	Model LP Series Signal Generator	B					
1	Model OCD Series Pulsar	B					
2	Model TS-35A/AP Signal Generator	B					
1	Model TS-331/UR Signal Generator	B					
1	Model OAW Series Tube Tester	B					
4	Model OZ Series Tube Testers	B					
1	Mark 2 Synchrotester	B					
4	Model OBQ VT Volt Ohm Milliammeter	B					
1	Model OGR Volt Ohm Ma	B					
1	Model OFR Series Field Strength Meter	B					
1	Model TS-89/AP Voltage Divider	B					
1	Model TS-102/UP Range Calibrator	B					
1	Model TS-268/U Crystal Test Set	B					
1	Model TS-358/UP Range Calibrator	B					
2	Model OCW Series Meggers	B					
8	Type 10223 Repair Kits	B					
1	Type 60007 C & R Bridge	B					
1	Type 60089 VT Megohmmeter	B					
2	Type 10498 Terminal Kits	B					
3	Model TS-62/AP Echo Box	B					
2	Model TS-311A/UP Echo Box	B					
1	Type 60ABM Frequency Meter (for each four or less MK 8)	B					
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>				<u>TOOLS</u>			
1	Model TBX Series Transmitting-Receiving Equipment	B		6	Blades, hacksaw, type "B", 15 teeth	C	41B1163
2	Model TBY Series Transmitting-Receiving Equipment	B		1	Blades, hacksaw, type "B", 32 teeth	B	41B1264
52	Type 49016 Head Telephone Assemblies	B	16H3930	1	Blower, portable, electric	C	41B21185
3	Type 51015 Chest Microphone Assemblies	B	16M2097	2	Chisels, machinists', hand, 1/4"	C	41C1052
3	Type 51018 Chest Microphone Assemblies	B	16M2094	2	Chisels, machinists', hand, 3/8"	C	41C1062
				1	Cutter, circle, 1" to 5-1/2", 1/2" round shank, (Pawood#5 or equal)	C	41D1828
				1	Drill, hand, 3/8" capacity	C	41D1667
				1 set	Drill, breast, 1/2" capacity	B	40D1250
				2	Drills, twist, carbon-steel, type "K"	B	41F870
				2	Files, flat, 6"	C	41F872
				2	Files, flat, 8"	C	41F874
				2	Files, flat, 10"	C	41F3390
				1	Frame, hacksaw, adjustable	C	41H521
				1	Hammer, machinists', 1/2 lb.	B	41I688
				1	Iron, soldering, electric, light duty	B	41I691
				1	Iron, soldering, electric, medium duty	B	41I685
				1	Iron, soldering, electric, heavy duty	B	41P1631
				3	Pliers, combination, slip-joint, 6"	C	41P1633
				3	Pliers, combination, slip-joint, 8"	C	41P1710
				3	Pliers, diagonal cutting, 4"	C	41P1714
				3	Pliers, diagonal cutting, 6"	C	41P1910
				3	Pliers, round nose, short, 4"	C	41P1914
				3	Pliers, round nose, short, 6"	C	41P1974
				3	Pliers, side cutting, flat nose, 6"	C	41P1977
				3	Pliers, side cutting, flat nose, 8"	C	41P1991
				3	Pliers, long nose, 6"	C	41T31185
				1	Punches, center, 3/8"	B	41S2798
				1	Pliers, electric, "Thermagrip #2"	C	41S1101
				4	Shears, hand, type "B"	C	41S1102
				4	Screwdrivers, common, 3" blade	C	41S1104
				2	Screwdrivers, common, 4" blade	C	41S1106
				2	Screwdrivers, common, 6" blade	C	41S1110
				2	Screwdrivers, common, 8" blade	C	41S1156
				2	Screwdrivers, common, 12" blade	C	41S1645 15
				2	Screwdrivers, slim-shank, 6" blade	C	41S1645 20
10	Type 49016 Head Telephone Assemblies	B	16H3930	1	Screwdriver, Phillips 3" blade #1 point	C	41S1645 30
10	Type 61493 Suspension Insulators	B	16I12145	1	Screwdriver, Phillips 4" blade #2 point	C	41S1645 30
12	Type 61479 Suspension Insulators	C	16I12105	1	Screwdriver, Phillips 8" blade #4 point	C	41S2070
2	Type 61174B Pedestal Insulators	C	16I9829	1	Scriber, machinists', 9"	C	
1	Type 61335 Antenna Supporting Insulator	B	16I5040	1			

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	10 July 1945	III	185E	RE IIA 100

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 2px;">TYPE</td> </tr> <tr> <td style="text-align: center; padding: 20px 0;">CB</td> </tr> </table>	TYPE	CB	FITTING - OUT <b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b> FOR <b>LARGE CRUISERS</b>
TYPE			
CB			

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TOOLS (CONT)</u>							
1	Torch, gasoline, 1 quart	B	41T3645				
1	Vise, bench Class A, 3" jaws	B	41V242				
1	Wrench, open-end, 15° double-head, 7/16" & 1/2"	C	41W1000				
1	Wrench, open-end, 15° double-head, 9/16" & 5/8"	C	41W1005				
1	Wrench, open-end, 15° double-head, 5/8" & 3/4"	C	41W1008				
1	Wrench, open-end, 15° double-head, 3/4" & 13/16"	C	41W1012				
1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41W1019				
1	Wrench, open-end, 15° double-head, 1" & 1-1/8"	C	41W1024				
1 set	Wrenches, socket, medium duty, 1/4" to 1"	B	41W2997				
1	Wrench, pipe adjustable, 10"	C	41W1652				
1 set	Wrenches, socket, hollow-shank	B	41W26725				
1 set	Wrenches, setscrew, (Allen #604 or equal)	B					

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	185F	III	10 July 1945	1 December 1945



TYPE

CL

## INSTALLATION

# TYPE ALLOWANCE OF ELECTRONIC MATERIAL FOR LIGHT CRUISERS - 6000 TONS "AA "

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>ELEVATED CONNING STATION</u>				<u>FIRE CONTROL AFT</u>		
2	Type 23135 Control Units	B		1	Type 23211 Radiophone Unit	B	
2	Type 49546 Loudspeaker Units	B		1	Type 49618 Telephone Receptacle (Located Spot II)		
2	Type 51082 Hand Telephone Assemblies	B					
2	Type 49618 Telephone Receptacles	B					
1	Type 23211 Radiophone Unit	B					
	<u>PRIMARY CONNING STATION (PILOT HOUSE)</u>				<u>CHART HOUSE</u>		
2	Type 23135 Control Units	B		2	Type 23135 Control Unit	B	
1	Type 23146 Key-Control Panel	B		1	Type 23423 Radiophone Unit	B	
1	Type 23211 Radiophone Unit	B		1	Type 49029 Jackbox	B	16B10050
1	Type 49029 Jackbox	B	16B10050	2	Type 24502 Selector Switch	B	
1	Type 49620 Series Speaker-Amplifier Unit	B		2	Type 49620 Series Speaker-Amplifier Unit	B	
2	Type 49546 Loudspeaker Units	B		2	Type 49546 Loudspeaker Units	B	
2	Type 51019 Hand Telephone Assemblies	B		2	Type 51019 Hand Telephone Assemblies	B	
	<u>SECONDARY CONN (BATT II)</u>				Type 51008 Hand Telephone Assembly	B	
2	Type 23135 Control Units	B		1	Model DAS Loran Equipment	B	
2	Type 49546 Loudspeaker Units	B					
2	Type 51019 Hand Telephone Hand Sets	B			<u>VISUAL FIGHTER DIRECTOR STATION (FORWARD AIR DEFENSE LEVEL)</u>		
1	Type 23211 Radiophone Unit	B		1	Type 23211 Radiophone Unit	B	
1	Type 49620 Speaker Amplifier Unit	B		1	Type 49546 Loudspeaker Unit	B	
	<u>PLOTTING ROOM</u>				Type 49620 Speaker Amplifier Unit	B	
1	Type 23146 Key-Control Panel	B					
1	Type 23423 Radiophone Unit	B			<u>ANTENNA SYSTEM</u>		
1	Type 49029 Jackbox	B	16B10050	63*	Type 49120 Concentric Jacks	C	16J1200
1	Type 49620 Speaker-Amplifier Unit	B		31*	Type 49123 Concentric Patchcord Assemblies	B	
	<u>ELSEWHERE</u>			6	Type 50163 Antenna Coupling Units	B	
14	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B		5*	Type 61350 Supporting Insulators	B	
	<u>FIRE CONTROL FWD</u>			4*	Type 61335 Antenna Supporting Insulator	B	
1	Type 23211 Radiophone Unit	B		24*	Type 61493 Suspension Insulators	C	16I12145
1	Type 49618 Telephone Receptacle (Located Spot I)	B		8*	Type 61479 Suspension Insulators	C	16I12105
				25	Type 61174B Pedestal Insulators	C	16I9829
				10*	Type 61339 Pedestal Insulators	C	16I9838
				8	Type 61352 Anti-Corona Caps	C	16C4000
				125*	Type 61395A Spacer Insulators	C	16I9720
				10*	Type 61471 Entrance Insulators	B	
				5*	Type 61475 Entrance Insulators	B	
				4	Type 66047 Vertical Transmitting Antennas	B	
				5	Type 66046 Vertical Receiving Antennas	B	

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	200B	III	1 October 1945	1 December 1945

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**LIGHT CRUISERS - 6000 TONS "AA"**

<b>TYPE</b>
<b>CL</b>

QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
	<b>SEARCH AND IFF RADAR</b>				<b>FIRE CONTROL RADAR EQUIPMENT</b>		
1	Medium Air Search Radar	B		2	Fire Control Radar Equipment Mark 12 (Main Battery) Replaces Mark 4 in CL 53, 96	B	
*2	Large Surface Search Radar(SGa or SG-1)	B		2	Fire Control Radar Equipment Mark 22 (Main Battery)	B	
1	Model BL or BM Series Interrogator Responsor	B		4	Fire Control Radar Equipment Mark 34-2 (Heavy Machine Gun Battery) Allowed in CL 95, 96, 97, 98.	B	
2	Model BN Series Interrogator Responsor	B		2	Five (5) allowed in CL 119, 120, 121	B	
3	Model EK Series Transponders	B			Fire Control Radar Equipment Mark 32	B	
#4	Type CT2-66ACG or CT2-66AFJ Antennas	B					
2	Type CCL - 211018 Motor Generator	B	17B9490				
#	Type 6V-SBM-15AH Storage Batteries	B					
\$1	Medium fighter Director Radar Model SP	B					
\$1	Model BO-1 Interrogator Responsor	B					
\$1	Model BM-1 Interrogator Responsor	B					
	<b>RADAR REPEATERS</b>						
	Stations listed in order of priority. Preference of model indicated by order of listing.						
1	Model VF (CIC)	B			<b>SONAR MATERIAL</b>		
1	Model VG Series (CIC)	B					
3	Model VK (or VJ or VC-12" tube or VD) (CIC)	B		1	Model QJB Ranging Equipment	B	
1	Model VK (or VJ or VC-12" tube or VD) (Conning Tower)	B		1	Model NM Series Sounding Equipment	B	
1	Model VK (or VJ or VC-12" tube or VD) (Open Bridge)	B		1	Model NK Series (Portable) Sounding Equipment	B	
\$1	Model VK (or VJ or VC-12" tube or VD) (Chart House)	B		1	Range Recorder	B	
\$1	Model VK (or VF)(Chart House)	I		\$1	Bathy/Thermograph	B	
1	Model VK (or VJ or VC-12" tube or VD) (Main Battery Plot Fwd)	B					
1	Model VK (or VJ or VC-12" tube or VD) (Sec Battery Plot Fwd)	B					
1	Model VK (or VF) (Bridge)	B					
1	Model VH (or VD or VC) (Main Battery F.C. Station Fwd)	B					
1	Model VK (or VJ or VC-12" tube or VD) (Auxiliary CIC)	B					
1	Model VK (or VJ or VC-12" tube or VD) (Main Battery Plot Aft)	B			<b>R C M MATERIAL</b>		
1	Model VK (or VJ or VC-12" tube or VD) (Secondary Battery Plot Aft)	P		1	Model TDY-1 Transmitter	B	
1	Model VH (or VD or VC)(Main Battery F.C. Station Aft)	F		1	High Frequency Transmitter	B	
1	Model VK (or VJ or VH or VD)(Air Defense Fwd)	B		1	Model RDO Series Receiver	B	
1	Model VK (or VJ or VH or VD)(Air Defense Aft)	B		1	Model RDJ Series Pulse Analyzer	B	
1	Model VH (or VD or VC)(Secondary Conn)	B		1	Model RDP Series Panoramic Adapter	B	
				1	Model AN/SPR-2 Receiver	B	
				1	Model DBM-1 D/F System	B	

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

- # = Assigned by Commanders Service Forces and Type Commanders.
- \* = One SG-3 allowed in CL 119, 120, 121.
- \$ = Install in Flag Plot in CL 53, 95, 96, 97, 98.
- # = One additional allowed in CL 119, 120, and 121.
- \$ = Allowed in CL 119, 120, 121 only.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 October 1945	III	200C	RE IIA 100



<table border="1" style="width: 100%; height: 40px;"> <tr> <td style="text-align: center;">TYPE</td> </tr> <tr> <td style="text-align: center; font-size: 2em;">CL</td> </tr> </table>	TYPE	CL	FITTING - OUT <b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b> FOR <b>LIGHT CRUISERS- 6000 TONS "AA"</b>
TYPE			
CL			

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>MISCELLANEOUS SPARES (CONT'D)</u>			
1	Model OAA-2 Echo Box	B		4	Type 61479 Suspension Insulators	C	16I12105
1	Model OBU-2, 3 Echo Box	B		5	Type 61174B Pedestal Insulator	C	16I9829
2	Model OBU-4 Echo Box	B		2	Type 61339 Pedestal Insulators	C	16I9838
1	Model TS-270/UP Echo Box (for each SP)	B		25	Type 61395A Spacer Insulators	C	16I9720
1	Model TS-349/UP Echo Box	B		1	Type 631023 Resistor, 3150 Ohms, Style B	C	
1	Model AN/UPM-2 Frequency Meter	B		300ft	7-#18 Bronze Antenna Wire	C	16W3740
1	Model LM Series Frequency Meter	B		300 ft	5/16" (6x19) Bronze Wire Rope	C	22R200
1	Model OAP Frequency Meter	B		200 ft	7/16" (6x19) Bronze Wire Rope	C	
2	Model TS-33/AP Frequency Meters	B		1	Type 66047 Vertical Antenna	B	
1	Model TS-173/UR Frequency Meter	B		1	Type 66046 Vertical Antenna	B	
1	Model TS-182/UP Frequency Meter	B		1	Type 61335 Antenna Supporting Insulator	B	
1	Type 60ABM Frequency Meter (for each four or less. MK2E-0/2/3 and MK 8)	B		1	Type 61350 Antenna Supporting Insulator	B	
1	Model OBL Series Oscilloscopes	B		2	Type 61471 Entrance Insulators	B	
1	Model OBT Series Oscilloscopes	B		1	Type 61475 Entrance Insulators	B	
2	Model TS-34A/AP Oscilloscope	B		2	Type 61470 Insulator Bowls	B	
1	Model LAE Series Signal Generator	B		1	Type 61476 Insulator Bowl	B	
1	Model LAF Series Signal Generator	B		300 ft	Type RG 12/U Coaxial Transmission Line	B	
1	Model LAG Series Signal Generator	B					
1	Model LO Series Signal Generator	B					
1	Model LP Series Signal Generator	B					
1	Model OCD Series Pulsar	B					
2	Model TS-35A/AP Signal Generator	B					
1	Model TS-331/UR Signal Generator	B					
1	Model OAW Tube Tester	B					
4	Model OZ Series Tube Tester	B					
1	Mark 2 Synchro Tester	B					
1	Model OAX Sonar Monitor	B					
4	Model OBQ VT Volt Ohm Milliammeter	B					
1	Model OCR Volt Ohm Ma	B		6	Blades, hacksaw, type "B", 18 teeth	C	41B1163
1	Model OF Series Field Strength Meter	B		6	Blades, hacksaw, type "B", 32 teeth	C	41B1164
1	Model TS-89/AP Voltage Divider	B		1	Blower, portable electric	B	17B21185
1	Model TS-102/UP Range Calibrator	B		2	Chisels, machinists', hand 1/4"	C	41C1052
1	Model TS-268/U Crystal Test Set	B		2	Chisels, machinists', hand, 3/8"	C	41C1062
1	Model TS-358/UP Range Calibrator	B		1	Cutter, circle, 1" to 5-1/2", 1/2" Round Shank (Pavood #5 or equal)	C	
2	Model OGW Series Meggers	B		1	Drill, hand, 3/8" capacity	C	41D1828
8	Type 10223 Repair Kits	B		1	Drill, breast, 1/2" capacity	B	41D1663
1	Type 60007 C & R Bridge	B		1 Set	Drills, twist, carbon-steel, type "K"	B	40D1250
1	Type 60089 VT Megohmmeter	B		2	Files, flat, 6"	C	41F870
1	Type 10498 Terminal Kit	B		2	Files, flat, 8"	C	41F872
2	Model TS-62/AP Echo Box	B		2	Files, flat, 10"	C	41F874
2	Model TS-311A/UP Echo Box	B		1	Frame, hacksaw, adjustable	C	41F3390
				1	Hammer, machinists', 1/2 lb.	C	41H521
				1	Iron, soldering, electric, light duty	B	41I688
				1	Iron, soldering, electric, medium duty	B	41I691
				1	Iron, soldering, electric, heavy duty	B	41I685
				3	Pliers, combination, slip-joint, 6"	C	41P1631
				3	Pliers, combination, slip-joint, 8"	C	41P1637
				3	Pliers, diagonal, cutting, 4"	C	41P1710
				3	Pliers, diagonal cutting, 6"	C	41P1714
				3	Pliers, round nose, short, 4"	C	41P1910
				3	Pliers, round nose, short, 6"	C	41P1914
				3	Pliers, side cutting, flat nose, 6"	C	41P1974
				3	Pliers, side cutting, flat nose, 8"	C	41P1977
				3	Pliers, longnose, 6"	C	41P1991
				3	Punches, center, 3/8"	C	41T1185
				1	Pliers, electric, "Thermagrip #2"	B	
				1	Shears, hand, type "B"	C	41S2798
				4	Screwdrivers, common, 2" blade	C	41S1101
				4	Screwdrivers, common, 4" blade	C	41S1102
				2	Screwdrivers, common, 6" blade	C	41S1104
10	Type 49016 Head Telephone Assemblies	B	16H3930				
12	Type 61493 Suspension Insulators	B	16I12145				
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
1	Model TBX Series Transmitting/Receiving Equipment	B					
2	Model TBY Series Transmitting/Receiving Equipment	B					
42	Type 49016 Head Telephone Assemblies	B	16H3930				
3	Type 51018 Chest Microphone Assemblies	B	16N2098				
3	Type 51015 Chest Microphone Assemblies	B	16N2097				
<u>MISCELLANEOUS SPARES</u>							

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	200D	III	1 October 1945	1 December 1945

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**LIGHT CRUISERS-6000 TONS "AA "**

TYPE
CL

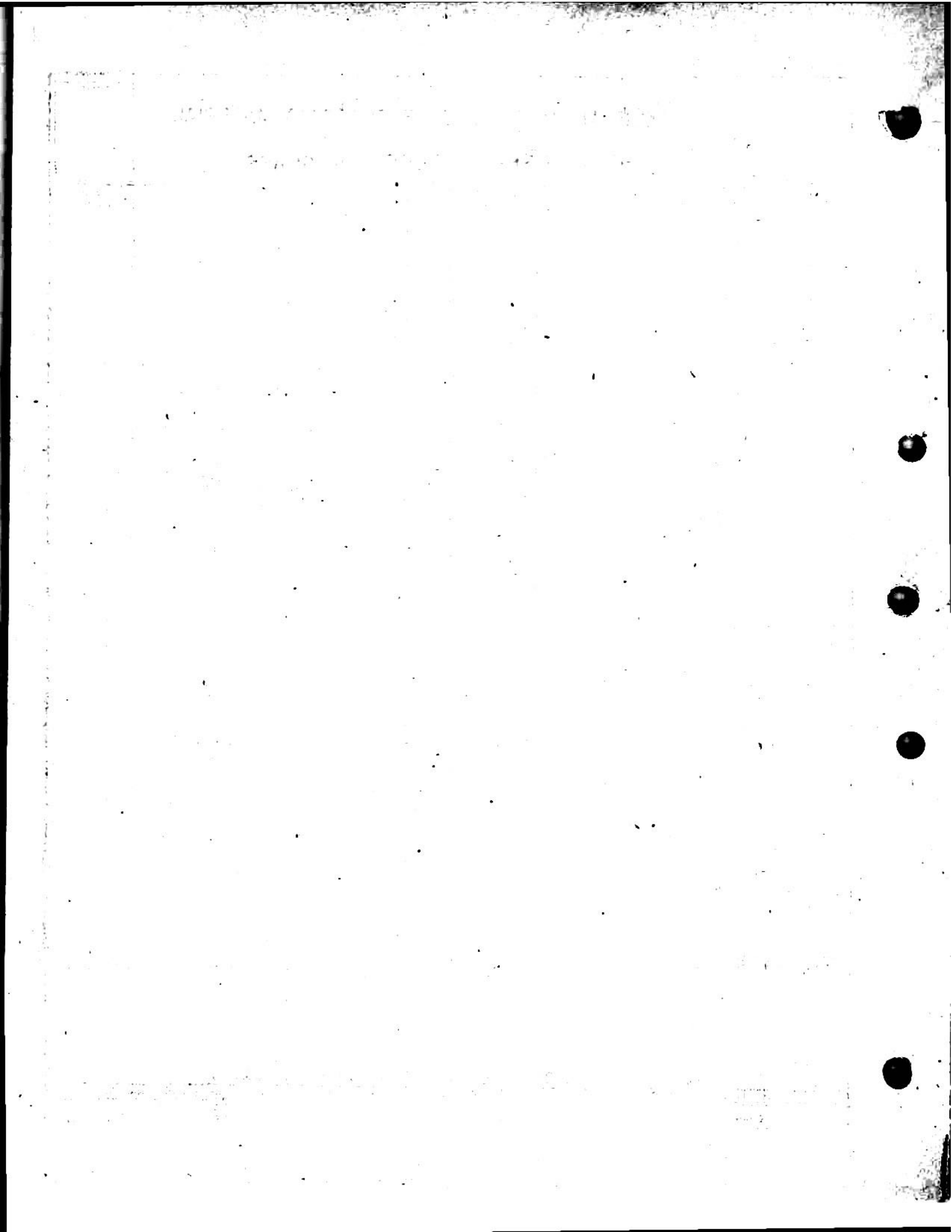
QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<b>TOOLS (CONT'D)</b>							
2	Screwdrivers, common, 3" blade	C	41S1106				
2	Screwdrivers, common, 12" blade	C	41S1110				
2	Screwdrivers, slim-shank, 5" blade	C	41S1156				
1	Screwdriver, Phillips 3" blade #1 Point	C4	41S145-15				
1	Screwdriver, Phillips 4" blade #2 Point	C4	41S146-20				
1	Screwdriver, Phillips 5" blade #4 Point	C4	41S146-70				
1	Scriber, machinist, 9"	C	41S2070				
1	Torch, propane, 1 quart	B	41T7645				
1	Vise, bench, Class A 3" jaws	B	41V242				
1	Wrench, open-end, 15° double-head 7/16" & 1/2"	C	41W1000				
1	Wrench, open-end, 15° double-head 9/16" & 5/8"	C	41W1005				
1	Wrench, open-end, 15° double-head 5/8" & 3/4"	C	41W1008				
1	Wrench, open-end, 15° double-head, 7/4" & 1 1/16"	C	41W1012				
1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41W1019				
1	Wrench, open-end, 15° double-head, 1" & 1-1/8"	C	41W1024				
1 set	Wrenches, socket, medium duty, 1/4" tol	B	41W2097				
1	Wrench, pipe, adjustable, 12"	C	41W1552				
1 set	Wrenches, socket, hollow-shank	B4	41W2142				
1 set	Wrenches, setscrew, (Allen #604 or equal)	B					
2	Pliers, phone tip, Type 49112	B					

**QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES**

SPECIAL EXCEPTIONS AND REMARKS

**THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 June 1945	1 March 1945	III	200E	RE IIA 100



**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**LIGHT CRUISERS - 10,000-TON CLASS**

<b>TYPE</b>  <b>CL</b>
------------------------------

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO CENTRAL</u>				<u>EMERGENCY RADIO STATION (CONT'D)</u>			
2	Model TDQ Series Transmitting Equipment	B		1	Type 23146 Key-Control Panel	B	
1	Model TBS Series Transmitting-Receiving Equipment	B		1	Type 23188 Receiver Transfer Panel	B	
2	Model RBA Series Receiving Equipments	B		1	Type 23201 Transmitter Transfer Panel	B	
4	Model RBB Series Receiving Equipments	B		1	Type 23208 Radiophone Transfer Panel	B	
6	Model RBC Series Receiving Equipments	B		1	Type 23423 Radiophone Unit	B	
1	Model RAK Series Receiving Equipment	B		2	Type 23407 Antenna Transfer Panel	B	
1	Model RAL Series Receiving Equipment	B		1	Type 50069 Receiver Coupling Units	B	
2	Model RCK Series Receiving Equipments	B		1	Type 50054 Modulator Equipment	B	
1	Model LR Series Frequency Meter	B		<u>U. H. F. RADIO STATION (RADIO IV)</u> <u>(TOPSIDE LOCATION)</u>			
1	Type 23135 Control Unit	B		2 Model ANARC-1 Transmitting/Receiving Equipment B 1 Model SCR608 Transmitting/Receiving Equipment B 2 Model RCK Series Receiving Equipment B 1 Model TDZ Series Transmitting Equipment B 2 Model RDZ Series Receiving Equipment B 2 Type 66095 Antenna Assemblies B 3 Type 211649 M.G. Sets B			
10*	Type 23146 Key-Control Panels	B					
1	Type 23183 Receiver Transfer Panel	B					
1	Type 23193 Transmitter Transfer Panel	B					
1	Type 23205 Radiophone Transfer Panel	B					
1	Type 23423 Radiophone Unit	B					
17*	Type 49029 Jackboxes	B	16B10050				
1	Type 51019 Hand Telephone Assembly	B					
1	Type 23404 Antenna Transfer Panel	B					
2	Type 50069 Receiver Coupling Units	B					
1	Model RBU Panoramic Adaptor for RBB	B					
1	Model RBV Panoramic Adaptor for RBC	B					
1	Type 40546 Loudspeaker Unit	B					
<u>RADIO TRANSMITTER ROOM</u>							
2	Model TCZ Series Transmitting Equipment	B		2	Type 23135 Control Units	B	
1	Model TBS Series Transmitting-Receiving Equipment	B		1	Type 23146 Key-Control Panel	B	
1	Model TCK Series Transmitting Equipment	B		2	Type 23211 Radiophone Unit	B	
1	Model RBA Series Receiving Equipment	B		1	Type 49029 Jackbox	B	16B10050
1	Model RBB Series Receiving Equipment	B		2	Type 49546 Loudspeaker Units	B	
1	Model RBC Series Receiving Equipment	B		1	Type 49620 Series Speaker-Amplifier Unit	B	
3	Model RBO Series Receiving Equipments	B		2	Type 51019 Hand Telephone Assemblies	B	
1	Model LB Series Frequency Meter	B		<u>ELEVATED CONNING STATION</u>			
1	Type 23135 Control Unit	B		2	Type 23135 Control Units	B	
1	Type 23188 Receiver Transfer Panel	B		2	Type 49546 Loudspeaker Units	B	
3	Type 23146 Key-Control Panels	B		2	Type 49618 Telephone Receptacles	B	
1	Type 23196 Transmitter Transfer Panel	B		2	Type 51082 Hand Telephone Assemblies	B	
1	Type 23208 Radiophone Transfer Panel	B		2	Type 23211 Radiophone Unit	B	
1	Type 23405 Antenna Transfer Panel	B		1			
1	Type 23423 Radiophone Unit	B		<u>COMBAT INFORMATION CENTER</u>			
1	Type 49029 Jackboxes	B	16B10050	1	Model RBW Panoramic Adapter for RBK	B	
5	Type 51019 Hand Telephone Assembly	B		1	Model RBB Series Receiving Equipments	B	
2	Model TCS Series Transmitting Equipment	B		2	Model RBK Series Receiving Equipments	B	
<u>EMERGENCY RADIO STATION</u>				2	Type 23135 Control Units	B	
1	Model TBL Series Transmitting Equipment	B		2	Type 23146 Key-Control Panels	B	
1	Model TCZ Series Transmitting Equipment	B		4	Type 23423 Radiophone Units	B	
1	Model RAK Series Receiving Equipment	B		2	Type 49029 Jackboxes	B	16B10050
1	Model RAL Series Receiving Equipment	B		4	Type 49620 Series Speaker-Amplifier Units	B	
				5	Type 49546 Loudspeaker Units	B	
				2	Type 51019 Hand Telephone Assemblies	B	
				4	Type 51008 Hand Telephone Assemblies	B	
				4	Type 24522 Selector Switches	B	

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

# Note - In CL4 Class the Emergency Radio Station will be located within the Radio Direction Finder House. A Model TDE Transmitter will be installed in lieu of Model TBM Transmitter and the Model TAJ equipment will be installed in Radio Transmitter Room.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 October 1945	III	201A	RE IIA 100

TYPE

CL

## INSTALLATION

**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
LIGHT CRUISERS - 10,000 - TON CLASS**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>COMBAT INFORMATION CENTER (CONT'D)</u>				<u>CHART HOUSE (CONT'D)</u>		
1	Type 23187 Receiver Transfer Panel	B		2	Type 23135 Control Units	B	
				1	Type 23423 Radiophone Unit	B	
				1	Type 49029 Jackbox	B	1610050
				1	Type 49546 Loudspeaker Units	B	
				1	Type 49620 Series Speaker-Amplifier Unit	B	
	<u>AUXILIARY COMBAT INFORMATION CENTER</u>			2	Type 51008 Hand Telephone Assemblies	B	
1	Type 23135 Control Unit	B		2	Type 51019 Hand Telephone Assemblies	B	
1	Type 23146 Key-Control Panel	B		2	Type 24502 Selector Switches	B	
1	Type 23423 Radiophone Unit	B					
1	Type 49029 Jackbox	B	16B10050		<u>ELSEWHERE</u>		
1	Type 49546 Loudspeaker Unit	B		14	Type 49620 Series Speaker-Amplifier Units	B	
1	Type 49620 Series Speaker-Amplifier Unit	B					
1	Type 51019 Hand Telephone Assembly	B			<u>SECONDARY CONN (BATT II)</u>		
1	Type 24502 Selector Switch	B					
	<u>FIRE CONTROL FWD.</u>			2	Type 23135 Control Unit	B	
1	Type 23211 Radiophone Unit	B		2	Type 49546 Loudspeaker Units	B	
1	Type 49618 Telephone Receptacle (Located Spot I)	B		2	Type 51019 Hand Telephone Assemblies	B	
				1	Type 23211 Radiophone Unit	B	
				1	Type 49620 Speaker Amplifier Unit	B	
	<u>FIRE CONTROL AFT</u>				<u>ANTENNA SYSTEM</u>		
1	Type 23211 Radiophone Unit	B		72*	Type 49120 Concentric Jacks	B	16J1200
1	Type 49618 Telephone Receptacle (Located Spot II)	B		38*	Type 49123 Concentric Patchcord Assemblies	B	
				6	Type 50163 Antenna Coupling Units	B	
	<u>MAIN BATTERY PLOTTING ROOM FORWARD</u>			19*	Type 61493 Suspension Insulators	C	16I12145
1	Type 23146 Key-Control Panel	B		24*	Type 61479 Suspension Insulators	C	16I12105
1	Type 23423 Radiophone Unit	B		10*	Type 61174B Pedestal Insulators	C	16I9829
1	Type 49029 Jackbox	B		40*	Type 61339 Pedestal Insulators	C	16I9838
1	Type 49620 Speaker Amplifier Unit	B		12	Type 61352 Anti-Corona Caps	B	16C4000
				125*	Type 61395A Spacer Insulators	C	16I9720
				4	Type 61335 Antenna Supporting Insulators	B	
				5	Type 61350 Antenna Supporting Insulators	B	
				16*	Type 61471 Entrance Insulators	B	
				5*	Type 61475 Entrance Insulators	B	
				4	Type 66047 Vertical Antennas	B	
				5	Type 66046 Vertical Antennas	B	
	<u>SECONDARY BATTERY PLOT</u>				<u>VISUAL FIGHTER DIRECTOR STATION (Forward Air Defense Level)</u>		
1	Type 23423 Radiophone Unit	B		1	Type 23211 Radiophone Unit	B	
1	Type 49620 Speaker Amplifier Unit	B		1	Type 49546 Loudspeaker Unit	B	
				1	Type 23135 Control Unit	B	
				1	Type 49620 Speaker Amplifier Unit	B	
	<u>CHART HOUSE</u>						
1	Model DAS Series Loran Equipment	B					

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

## SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	201B	III	1 October 1945	1 December 1945



**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**LIGHT CRUISERS - 10,000 - TON CLASS**

TYPE

CL

QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
	<u>SEARCH AND IFF RADAR</u>				<u>FIRE CONTROL RADAR EQUIPMENT (Contd)</u>		
1	Large Air Search Radar	B		2	Fire Control Radar Equipment MK22 (Secondary Battery) Allowed in CL 40-48, 55-94, 101-118. Four (4) allowed in CL 144-147	B	
*2	Large Surface Search Radar	B					
#1	Medium Fighter Director Radar Model SP	B		2	Fire Control Radar Equipment MK28-3 (Secondary Battery) Allowed in CL 40, 41, 43-47, 49. Replacing MK4 where installed.	B	
1	Model BM-1 Interrogator Responder	B		2	Fire Control Radar Equipment MK29-2 (Heavy Machine Gun Battery) Allowed in CL 40-42, 48, 56, 60. Four (4) allowed in CL 64-94, 101-121,	B	
1	Model BO-1 Interrogator Responder	B		4	Fire Control Radar Equipments MK34-2 (Heavy Machine Gun Battery) Allowed in CL 40-43, 48, 56, 60, 63-98 101-118. Interim installations may be MK28-2.	B	
1	Model BL or BM Series Interrogator Responder	B		2	Fire Control Radar Equipment MK32 (IFF) Allowed in CL 40-48, 55-94, 101-121, Four (4) allowed in CL 144-147.	R	
2	Model BN Series Interrogator Responder	B		5	Fire Control Radar Equipments MK 34-2 (Heavy Machine Gun Battery) Allowed in CL 119-121.	B	
3	Model BK Series Transponders	B					
4	Model CT2-66A00 or CT2-66AFJ Antennas	B			<u>SONAR MATERIAL</u>		
1	Model CCL-211018 Motor Generators	B			1	Model NM Series Sounding Equipment	B
4	Type 6V-SBM-15AH Storage Batteries	B			1	Model NK Series (Portable) Sounding Equipment	B
	+ One Large Surface Search Radar and Model BN removed when SP is installed						
	* Only one surface search radar (model SG-3) allowed in CL 106-118, 144-147.						
	<u>RADAR REPEATERS</u>					<u>RCM MATERIAL</u>	
1	Model VF (CIC)	B		1	Model TDY-1 Transmitter	B	
1	Model VG Series (CIC)	B		1	High Frequency Transmitter	B	
3	Model VK (or VJ or VC-12" tube or VD) (CIC)	B		1	Model RDO Receiver	B	
1	Model VK (or VJ or VC-12" tube or VD) (Conning Tower)	B		1	Model RDJ Pulse Analyzer	B	
1	Model VK (or VJ or VH or VD) (Open Bridge)	B		1	Model RDP Panoramic Adapter	B	
1	Model VK (or VJ or VC-12 tube or VD) (Chart House)	B		1	Model AN/SPR-2 Receiver	B	
1	Model VK (or VF) (Flag Plot)	B		1	Model DBM-1 D/F System	B	
1	Model VK (or VJ or VC-12" tube or VD) (Main Battery Plot Fwd)	B					
1	Model VK (or VJ or VC-12" tube or VD) (See Battery Plot Fwd)	B					
1	Model VK (or VF) (Bridge)	B					
1	Model VH (or VD or VC) (Main Battery F. C. Station Fwd.)	B					
1	Model VK (or VJ or VC-12" tube or VD) (Auxiliary CIC)	B					
1	Model VK (or VJ or VC-12" tube or VD) (Main Battery Plot Aft)	B					
1	Model VK (or VJ or VC-12" tube or VD) (Secondary Battery Plot Aft)	B					
1	Model VH (or VD or VC) (Main Battery F. C. Station Aft)	B					
1	Model VK (or VJ or VH or VD) (Air Defense Fwd)	B					
1	Model VK (or VJ or VH or VD) (Air Defense Aft)	B					
1	Model VH (or VD or VC) (Secondary Conn)	B					
	<u>FIRE CONTROL RADAR EQUIPMENT</u>						
2	Fire Control Radar Equipments MK6 (Main Battery) Allowed in CL 40-49, 55-94, 101-105 replacing MK3 in CL 46-48.	B					
2	Fire Control Radar Equipments MK13 (Main Battery) Allowed in CL 106-118, 144-147	B					
1	Fire Control Radar Equipment MK27 (Main Battery) Allowed in CL 106-118. Six (6) allowed in CL 144-147	B					
2	Fire Control Radar Equipment MK12 (Secondary Battery) Allowed in CL 40-48, 55-94, 101-118, Four (4) allowed in CL 144-147.	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

## SPECIAL EXCEPTIONS AND REMARKS

# = Not allowed in CL 43, 46, 47.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 October 1945	III	2010	RE IIA 100



FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**LIGHT CRUISERS - 10, 000 TON CLASS**

TYPE
CL

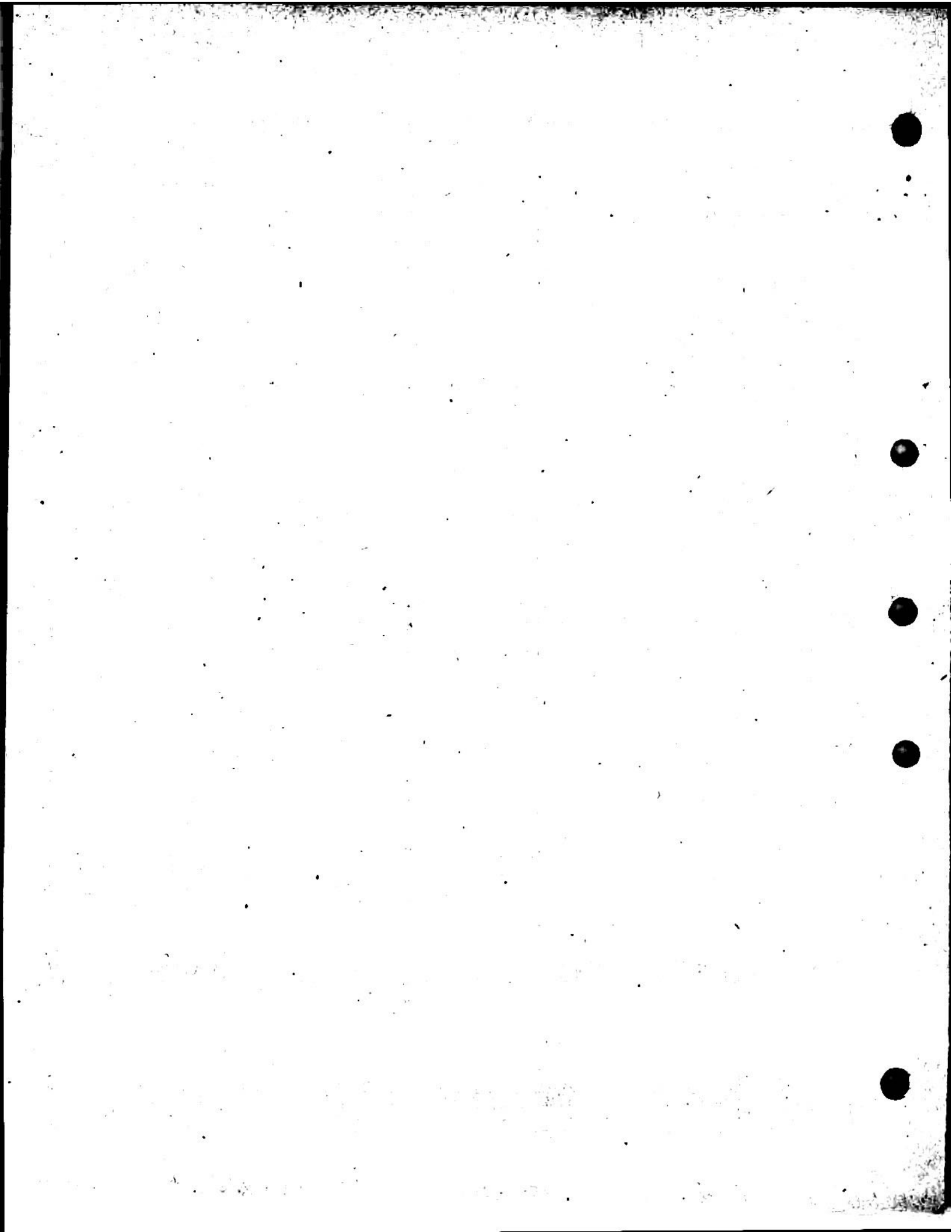
QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TOOLS (CONT'D)</u>							
1	Wrench, open-end, 15° double-head, 5/8" & 3/4"	C	41C1008				
1	Wrench, open-end, 15° double-head, 3/4" & 13/16"	C	41C1012				
1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41C1019				
1	Wrench, open-end, 15° double-head, 1" to 1-1/8"	C	41C1024				
1 set	Wrenches, socket, medium duty, 1/4" to 1"	C	41W2997				
1	Wrench, pipe, adjustable, 10"	C	41W1652				
1 set	Wrenches, socket, hollow-shank	B	41W2623-42*				
1 set	Wrenches, setscrew (Allen #604 or equal)	B					
2	Pliers, phone-tip, Type 49112	B					
1	Screwdriver, Phillips, 4" blade #2 point	C	41S1645-20				
1	Screwdriver, Phillips, 8" blade #4 point	C	41S1645-30				
1	Scriber, machinists', 9"	C	41S2030				
1	Torch, gasoline, 1 quart	B	41T3645				
1	Vise, bench, 3" jaws, Class A	B	41V242				
1	Wrench, open-end, 15° double-head, 7/16" & 1/2"	C	41W1000				
1	Wrench, open-end, 15° double-head, 9/16" & 5/8"	C	41W1005				

*QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

SPECIAL EXCEPTIONS AND REMARKS

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 June 1945	1 May 1945	III	201E	RE IIA 100



**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**LIGHT CRUISERS-10,000 TON CLASS (DIVISION FLAGSHIPS)**

<b>TYPE</b>
<b>CL</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO CENTRAL</u>				<u>EMERGENCY RADIO STATION</u>			
2	Model TDQ Series Transmitting Equipment	B		1	Type 23146 Key-Control Panel	B	
1	Model TBS Series Transmitting-Receiving Equipment	B		1	Type 23188 Receiver Transfer Panel	B	
2	Model RCK Series Receiving Equipments	B		1	Type 23201 Transmitter Transfer Panel	B	
2	Model RBA Series Receiving Equipments	B		1	Type 23208 Radiophone Transfer Panel	B	
4	Model RBB Series Receiving Equipments	B		1	Type 23423 Radiophone Unit	B	
6	Model RBC Series Receiving Equipments	B		1	Type 23407 Antenna Transfer Panel	B	
1	Model RAL Series Receiving Equipment	B		2	Type 50069 Receiver Coupling Units	B	
1	Model RAK Series Receiving Equipment	B		1	Type 50064 Modulator Equipment	B	
1	Model RBU Panoramic Adaptor	B					
1	Model RBV Panoramic Adaptor	B					
1	Model LR Series Frequency Meter	B					
1	Type 23135 Control Unit	B					
11*	Type 23146 Key-Control Panels	B					
1	Type 23183 Receiver Transfer Panel	B					
1	Type 23193 Transmitter Transfer Panel	B		1	Model SCR/608 Transmitting Receiving Equipment	B	16B10050
1	Type 23205 Radiophone Transfer Panel	B		2	Model AN/ARC-1 Transmitting Receiving Equipment	B	
1	Type 23423 Radiophone Unit	B		1	Model RCK Series Receiving Equipment	B	
1	Type 23404 Antenna Transfer Panel	B		2	Model TDZ Series Transmitting Equipment	B	
19*	Type 49029 Jackboxes	B	16B10050	4	Model RDZ Series Receiving Equipment	B	
1	Type 51019 Hand Telephone Assembly	B		2	Type 66095 Antenna Assemblies	B	
1	Type 49546 Loudspeaker Unit	B		3	Type 211649 M.G. Sets	B	
2	Type 50069 Receiver Coupling Units	B					
<u>RADIO TRANSMITTER ROOM</u>				<u>U.H.F. RADIO STATION RADIO IV (TOPSIDE LOCATION)</u>			
2	Model TCZ Series Transmitting Equipment	B		2	Type 23135 Control Units	B	
1	Model TBS Series Transmitting-Receiving Equipment	B		1	Type 23146 Key-Control Panels	B	
1	Model TCK Series Transmitting Equipment	B		2	Type 23211 Radiophone Unit	B	
1	Model RBA Series Receiving Equipment	B		1	Type 49029 Jackbox	B	
1	Model RBB Series Receiving Equipment	B		2	Type 49546 Loudspeaker Units	B	
1	Model RBC Series Receiving Equipment	B		1	Type 49620 Series Speaker-Amplifier Unit	B	
3	Model RBO Series Receiving Equipments	B		2	Type 51019 Hand Telephone Assemblies	B	
1	Type 23188 Receiver Transfer Panel	B					
1	Type 23135 Control Unit	B					
3	Type 23146 Key-Control Panels	B					
1	Type 23196 Transmitter Transfer Panel	B		2	Type 23135 Control Units	B	16B10050
1	Type 23208 Radiophone Transfer Panel	B		2	Type 49546 Loudspeaker Units	B	
1	Type 49029 Jackboxes	B	16B10050	2	Type 51082 Hand Telephone Assemblies	B	
1	Type 51019 Hand Telephone Assembly	B		2	Type 49618 Telephone Receptacles	B	
1	Type 23405 Antenna Transfer Panel	B		2	Type 23211 Radiophone Unit	B	
1	Model LR Series Frequency Meter	B					
1	Type 23423 Radiophone Unit	B					
2	Model TCS Series Transmitting Equipment	B					
<u>EMERGENCY RADIO STATION</u>				<u>ELEVATED CONNING STATION</u>			
1	Model TCZ Series Transmitting Equipment	B		2	Type 23135 Control Units	B	
1	Model TBL Series Transmitting Equipment	B		1	Type 23146 Key-Control Panel	B	
1	Model RAK Series Receiving Equipment	B		2	Type 23423 Radiophone Unit	B	
1	Model RAL Series Receiving Equipment	B		1	Type 49029 Jackbox	B	
				2	Type 49546 Loudspeaker Units	B	
				1	Type 49620 Series Speaker-Amplifier Unit	B	
				2	Type 51019 Hand Telephone Assemblies	B	
				2	Type 51008 Hand Telephone Assembly	B	
				2	Type 24502 Selector Switches	B	

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

\* - In 7,500 ton CL's of CL4 class the Emergency Radio Station will be located within the Radio Direction Finder House. 1 Model TBL Transmitter will be installed in this station and the Model TCZ equipment will be installed in Radio Transmitter Room.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 October 1945	III	202A	RE 11A 100



TYPE

CL

## INSTALLATION

**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
LIGHT CRUISERS - 10,000 TONS (DIVISION FLAGSHIPS)**

QUANTITY	RADIO-MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>COMBAT INFORMATION CENTER</u>				<u>CHART HOUSE</u>			
1	Model RBS Series Receiving Equipment	B		1	Type 49029 Jackbox	B	16B10050
2	Model RBK Series Receiving Equipments	B		1	Model DAS Loran Equipment	B	
1	Model RBW Panoramic Adaptors for RBK	B		<u>ELSEWHERE</u>			
2	Type 23135 Control Units	B		14	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
2	Type 23146 Key-Control Panels	B		<u>FLAG BRIDGE</u>			
4	Type 23423 Radiophone Units	B		2	Type 49546 Loudspeaker Units	B	
4	Type 24502 Selector Switches	B		2	Type 49618 Telephone Receptacles	B	
2	Type 49029 Jackboxes	B	16B10050	2	Type 51082 Hand Telephone Assemblies	B	
4	Type 49620 Series Speaker-Amplifier Unit	B		<u>ANTENNA SYSTEM</u>			
5	Type 49546 Loudspeakers	B		63*	Type 49120 Concentric Jacks	C	16J1200
2	Type 51019 Hand Telephone Assemblies	B		28*	Type 49123 Concentric Patchcord Assemblies	B	
4	Type 51008 Hand Telephone Assemblies	B		19*	Type 61493 Suspension Insulators	C	16I12145
1	Type 23187 Receiver Transfer Panel	B		24*	Type 61479 Suspension Insulators	C	16I12105
<u>AUXILIARY COMBAT INFORMATION CENTER</u>				10*	Type 61174B Pedestal Insulators	C	16I9829
1	Type 23135 Control Unit	B		40*	Type 61339 Pedestal Insulators	C	16I9838
1	Type 23146 Key-Control Panel	B		12	Type 61352 Anti-Corona Caps	B	16O4000
1	Type 23423 Radiophone Unit	B	16B10050	125*	Type 61395A Spacer Insulators	C	16I9720
1	Type 24502 Selector Switch	B		5	Type 61350 Antenna Supporting Insulators	B	16I5045
1	Type 49029 Jackbox	B		4	Type 61335 Antenna Supporting Insulators	B	16I5040
1	Type 49620 Series Speaker-Amplifier Unit	B		5	Type 66046 Vertical Receiving Antennas	B	
1	Type 51019 Hand Telephone Assembly	B		4	Type 66047 Vertical Transmitting Antennas	B	
<u>FIRE CONTROL FWD</u>				6	Type 50163 Antenna Coupling Units	B	
1	Type 23211 Radiophone Unit	B		16*	Type 61471 Entrance Insulators	B	
1	Type 49618 Telephone Receptacle (Located Spot I)	B		5*	Type 61475 Entrance Insulators	B	
<u>FIRE CONTROL AFT</u>				<u>VISUAL FIGHTER DIRECTION STATION (FORWARD AIR DEFENSE LEVEL)</u>			
1	Type 23211 Radiophone Unit	B		1	Type 23211 Radiophone Unit	B	
1	Type 49618 Telephone Receptacle (Located Spot II)	B		1	Type 49546 Loudspeaker Unit	B	
<u>MAIN BATTERY PLOTTING ROOM FORWARD</u>				1	Type 49620 Speaker Amplifier Unit	B	
1	Type 23146 Key-Control Panel	B		<u>SECONDARY CONN (BATT II)</u>			
1	Type 23423 Radiophone Unit	B	16B10050	2	Type 23135 Control Units	B	
1	Type 49029 Jackbox	B		2	Type 49546 Loudspeaker Units	B	
1	Type 49620 Speaker-Amplifier Unit	B		2	Type 51019 Hand Telephone Assemblies	B	
<u>SECONDARY BATTERY PLOT</u>				1	Type 23211 Radiophone Unit	B	
1	Type 23423 Radiophone Unit	B		1	Type 49620 Speaker Amplifier Unit	B	
1	Type 49620 Series Speaker Amplifier Unit	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	202B	VII	1 October 1945	1 December 1945

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**LIGHT CRUISERS - 10,000 TONS (DIVISION FLAGSHIPS)**

<b>TYPE</b>
CL

QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
	<u>SEARCH AND IFF RADAR</u>				<u>FIRE CONTROL RADAR EQUIPMENT (CONT'D)</u>		
1	Large Air Search Radar	B		1	Fire Control Radar Equipment Mk 27 (Main Battery) Allowed in CL 106-118, Six (6) Allowed in CL 144-147.	B	
*2	Large Surface Search Radar	B		2	Fire Control Radar Equipment Mk 12 (Secondary Battery) Allowed in CL 40-48, 55-94, 101-118. Four Allowed in CL 144-147.	B	
#1	Medium Fighter Director Radar Model SP	B		2	Fire Control Radar Equipment Mk 22 (Secondary Battery) Allowed in CL 40-48, 55-94, 101-118. Four (4) allowed in CL 144-147.	B	
1	Model BM-1 Interrogator Responcor	B		2	Fire Control Radar Equipment MK 28-3 (Secondary Battery) Allowed in CL 40, CL 41, 43-47, 49 replacing MK4, where installed, as an interim pending MK12.	B	
1	Model BO-1 Interrogator Responcor	B		2	Fire Control Radar Equipment MK 29-2 (Heavy Machine Gun Battery) Allowed in CL 40-42, 48, 56, 60. Four (4) allowed in CL 64-94, 101-118.	B	
1	Model BL or BM Series Interrogator Responcor	B		4	Fire Control Radar Equipments MK34-2 (Heavy Machine Gun Battery) Allowed in CL 40-43, 48, 56, 60, 63-94, 101-118. Interim installation may be MK28-2.	B	
2	Model BN Series Interrogator Responcor	B		2	Fire Control Radar Equipment MK32(IFF) Allowed in CL 40-49, 55-94, 101-118, Four (4) allowed in CL 144-147.	B	
3	Model BK Series Transponcors	B					
4	Type CT2 66 ACG or CT2-66 AFJ Antennas	B			<b>SONAR MATERIAL</b>		
1	Type GCL - 211018 Motor Generators	B		1	Model NM Series Sounding Equipment	B	
8	Type 6V-SBM-15AH Storage Batteries	B		1	Model NK Series (Portable) Sounding Equipment	B	
	+ = One Large Surface Search Radar and Model BN removed when SP is installed						
	* = Only one surface search radar (Model SG-3) allowed in CL 106-118, 144-147.						
	<u>RADAR REPEATERS #</u>				<b>R C M MATERIAL</b>		
1	Model VF (CIC)	B		1	Model TDY-1 Transmitter	B	
1	Model VG Series (CIC)	B		1	High Frequency Transmitter	B	
3	Model VK(or VJ or VC-12" tube or VD)(CIC)	B		1	Model RDO Receiver	B	
1	Model VK(or VJ or VC-12" tube or VD) (Conning Tower)	B		1	Model RDJ Pulse Analyzer	B	
1	Model VK(or VJ or VH or VD)(Open Bridge)	B		1	Model RDP Panoramic Adapter	B	
1	Model VK(or VJ or VC-12" tube or VD) (Flag Plot)	B		1	Model AN/SPR-2 Receiver	B	
1	Model VK(or VF)(Flag Plot)	B		1	Model DBM-1 D/F System	B	
1	Model VJ(or VK or VD) (Flag Booth) Allowed in CL 57, 58, 60, 62, 64-67, 82, 83, 86, 87 only.	B					
1	Model VK(or VJ or VC-12" tube or VD) (Main Battery Plot Fwd)	B					
1	Model VK(or VJ or VC-12" tube or VD) (See Battery Plot Fwd)	B					
1	Model VK(or VF) (Bridge)	B					
1	Model VH(or VD or VC)(Main Battery F.C. Station Fwd)	B					
1	Model VK(or VJ or VC-12" tube or VD) (Auxiliary CIC)	B					
1	Model VK(or VJ or VC-12" tube or VD) (Main Battery Plot Aft)	B					
1	Model VK(or VJ or VC-12" tube or VD) (Secondary Battery Plot Aft)	B					
1	Model VH(or VD or VC)(Main Battery F.C. Station Aft)	B					
1	Model VK(or VJ or VH or VD)(Air Defense Fwd)	B					
1	Model VK(or VJ or VH or VD)(Air Defense Aft)	B					
1	Model VH(or VD or VC)(Secondary Conn)	B					
	<u>FIRE CONTROL RADAR EQUIPMENT</u>						
	Fire Control Radar Equipments Mk 8 (Main Battery) Allowed in CL 40-49, 55-94, 101-105 replacing Mk 3 in CL 46-48.	B					
2	Fire Control Radar Equipments Mk 13 (Main Battery) Allowed in CL 106-118, 144-147.	B					

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

- # = Stations listed in order of priority. Preference of model indicated by order of listing.
- # = Not allowed in CL 43, 46, 47.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 October 1945	III	202C	RE IIA 100

TYPE  
CL

FITTING - OUT  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
LIGHT CRUISERS - 10,000 TONS (DIVISION FLAGSHIPS)

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>MISCELLANEOUS SPARES</u>			
1	Model OAA-2 Echo Box	B		10	Type 49016 Head Telephone Assemblies	B	16H393C
1	Model OBU-2, 3 Echo Box	B		10	Type 61493 Suspension Insulators	C	16I12145
2	Model OBU-4 Echo Box	B		12	Type 61479 Suspension Insulators	C	16I12105
1	Model TS-270/UP Echo Box (for each SP)	B		2	Type 61174B Pedestal Insulators	C	16I9829
1	Model TS-349/UP Echo Box	B		8	Type 61339 Pedestal Insulators	C	16I9838
1	Model AN/UPM-2 Frequency Meter	B		1	Type 61335 Antenna Supporting Insulator	B	16I5040
1	Model LM Series Frequency Meter	B		25	Type 61395A Spacer Insulators	C	16I9720
1	Model OAP Frequency Meter	B		1	Type 61350 Antenna Supporting Insulator	C	16I5045
2	Model TS-33/AF Frequency Meters	B		1	Type 66047 Vertical Antenna	B	
1	Model TS-173/UR Frequency Meter	B		1	Type 66046 Vertical Antenna	B	
1	Model TS-182/UP Frequency Meter	B		300	Ft. 7-#18 Bronze Antenna Wire	C	16W3740
1	Type 60ABM Frequency Meter (for each MK5 and MK28-0/2/3)	B		300	Ft. 5/16" dia (6x19) Bronze Wire Rope	C	22R200
1	Model OBL Series Oscilloscopes	B		200	Ft. 7/16" dia (6x19) Bronze Wire Rope	C	22R210
1	Model OBT Series Oscilloscopes	B		3	Type 61471 Entrance Insulators		
2	Model TS-34A/AP Oscilloscopes	B		1	Type 61475 Entrance Insulator		
1	Model LAE Series Signal Generator	B		3	Type 61470 Insulator Bowl		
1	Model LAF Series Signal Generator	B		1	Type 61476 Insulator Bowl		
1	Model LAG Series Signal Generator	B					
1	Model LO Series Signal Generator	B					
1	Model LP Series Signal Generator	B					
1	Model OCD Series Pulsar	B					
2	Model TS-35A/AP Signal Generator	B					
1	Model TS-331/UR Signal Generator	B					
1	Model OAW Tube Tester	B					
4	Model OZ Series Tube Tester	B		6	Blades, hacksaw, type "B", 18 teeth	C	41B1163
1	Mark 2 Synchro Tester	B		6	Blades, hacksaw, type "B", 32 teeth	C	41B1164
		B		1	Blower, portable, electric	B	41B21185
4	Model OBQ VT Volt Ohm Milliammeter	B		2	Chisels, machinists', hand 1/4"	C	41C1052
1	Model OF Series Volt Ohm Ma	B		2	Chisels, machinists', hand 3/8"	C	41C1068
1	Model OCY Series Field Strength Meter	B		1	Cutter, circle, 1" to 5-1/2", 1/2" Round Shank (Pawood #5 or equal)	C	
1	Model TS-89/AP Voltage Divider	B		1	Drill, hand, 3/8" capacity	C	41D1828
1	Model TS-102/UP Range Calibrator	B		1	Drill, hand, 3/8" capacity	C	41D1828
1	Model TS-268/U Crystal Test Set	B		1	Drill, breast, 1/2" capacity	B	41D1663
1	Model TS-358/UP Range Calibrator	B		1 Set	Drills, twist, carbon-steel, type "K"	B	40D1250
2	Model OCW Series Meggers	B		2	Files, flat, 6"	C	41F870
8	Type 10223 Repair Kits	B		2	Files, flat, 8"	C	41F872
1	Type 60007 C & R Bridge	B		2	Files, flat, 10"	C	41F874
1	Type 60089 VT Megohmmeter	B		1	Frame, hacksaw, adjustable	C	41F3790
1	Type 10498 Terminal Kit	B		1	Hammer, machinists', 1/2 lb.	C	41H521
		B		1	Iron, soldering, electric, light duty	B	41I688
		B		1	Iron, soldering, electric, medium duty	B	41I691
		B		1	Iron, soldering, electric, heavy duty	B	41I685
		B		3	Pliers, combination, slip-joint, 6"	C	41P1631
		B		3	Pliers, combination, slip-joint, 8"	C	41P1633
		B		3	Pliers, diagonal cutting, 4"	C	41P1710
		B		3	Pliers, diagonal cutting, 6"	C	41P1714
		B		3	Pliers, round nose, short, 4"	C	41P1910
		B		3	Pliers, round nose, short, 6"	C	41P1914
		B		3	Pliers, side cutting, flat nose, 6"	C	41P1974
		B		3	Pliers, side cutting, flat nose, 8"	C	41P1977
		B		3	Pliers, long nose, 6"	C	41P1991
		B		2	Punches, center 3/8"	C	41T3185
		B		1	Pliers, electric, "Thermagrip #2"	B	41P1722
		B		1	Shears, hand, type "B"	C	41S2798
46	Type 49016 Head Telephone Assemblies	B	16H3930	4	Screwdrivers, common 3" blade	C	41S1101
4	Type 51018 Chest Microphone Assemblies	B	16M2352	4	Screwdrivers, common 4" blade	C	41S1102
4	Type 51015 Chest Microphone Assemblies	B	16M2097	2	Screwdrivers, common 6" blade	C	41S1104
2	Model OAH Series Code Practice Sets	B		2	Screwdrivers, common 8" blade	C	41S1106

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	202D	III	1 October 1945	1 December 1945

FITTING - OUT

TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
LIGHT CRUISERS-10,000 TONS (DIVISION FLAGSHIPS)

TYPE

CL

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<b>TOOLS (CONT'D)</b>							
2	Screwdrivers, common 12" blade	C	4181110				
2	Screwdrivers, slim-shank, 6" blade	C	4181156				
1	Screwdriver, Phillips 7" blade #1 Point	C4	41645-15				
1	Screwdriver, Phillips 6" blade #2 Point	C4	41645-20				
1	Screwdriver, Phillips 8" blade #4 Point	C4	41645-30				
1	Scriber, machinists', 9"	C	4182076				
1	Torch, gasoline, 1 quart	B	4173645				
1	Vise, bench Class A 3" Jaws	B	41V242				
1	Wrench, open-end, 15° double-head 7/16" & 1/2"	C	41W1000				
1	Wrench, open-end, 15° double-head 9/16" & 5/8"	C	41W1005				
1	Wrench, open-end, 15° double-head 5/8" & 7/4"	C	41W1008				
1	Wrench, open-end, 15° double-head 3/4" & 13/16"	C	41W1012				
1	Wrench, open-end, 15° double-head 7/8" & 15/16"	C	41W1019				
1	Wrench, open-end, 15° double-head 1" & 1-1/8"	C	41W1024				
1 Set	Wrenches, socket, medium duty, 1/4" tol	C	41W2997				
1	Wrench, pipe, adjustable, 10"	C	41W1552				
1 Set	Wrenches, socket, hollow-shank	B4	41W2621-42				
1 Set	Wrenches, setscrew (Allen #604 or equal)	B					
2	Pliers, phone-tip type 49112	B					

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 June 1945	1 March 1945	III	202E	RE IIA 100

TABLE 21. SUMMARY OF DATA FOR 1987

TABLE 21. SUMMARY OF DATA FOR 1987

TABLE 21. SUMMARY OF DATA FOR 1987



**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**MINELAYERS**

<b>TYPE</b>
<b>CM</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO CENTRAL</u>				<u>CHART HOUSE (Cont.)</u>			
2	Model RDZ Series Receiving Equipment			1	Type 51019 Hand Telephone Assembly		
1	Model TDZ Series Transmitting Equipment			1	Type 51008 Hand Telephone Assembly		
1	Model RBA Series Receiving Equipment	B		1	Type 51032 Hand Telephone Assembly		
2	Model RBB Series Receiving Equipment	B					
2	Model RBC Series Receiving Equipment	B					
2	Model RBO Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
1	Model TBS Series Transmitting-Receiving Equipment						
1	Model MN Series Transmitting-Receiving Equipment						
5	Type 23146 Key-Control Panels	B		1	Type 23146 Key-Control Panel	B	
10	Type 49029 Jackboxes	B	16B10050	1	Type 49029 Jackbox	B	16B10050
1	Type 23191 Receiver Transfer Panel	B					
1	Type 23200 Transmitter Transfer Panel	B					
1	Type 23135 Control Unit	B					
<u>TRANSMITTER ROOM</u>				<u>ELSEWHERE</u>			
1	Model TAJ Series Transmitting Equipment	B		6	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
1	Model TBK Series Transmitting Equipment	B					
1	Model TBL Series Transmitting Equipment	B					
1	Model RAK Series Receiving Equipment	B					
1	Model RAL Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
1	Type 23146 Key-Control Panel	B					
1	Type 23190 Receiver Transfer Panel	B					
1	Type 23202 Transmitter Transfer Panel	B					
2	Type 28002 Resistor Clips	C					
1	Type 49063 Jackbox	B	16B10010				
1	Type 50064 Modulator Equipment	B					
1	Type 50194 Modulator Equipment	B					
1	Type 631023 Resistor, 3150 ohms, Style E	C		9*	Type 61471 Entrance Insulator	B	16H18225
<u>PILOT HOUSE</u>				<u>ANTENNA SYSTEM</u>			
2	Type 49546 Loudspeaker Unit	B		12*	Type 61493 Suspension Insulators	C	16I12145
2	Type 23423 Radiophone Unit	B		12*	Type 61479 Suspension Insulators	C	16I12105
1	Type 49620 Series Speaker-Amplifier Unit	B		5*	Type 61019C Entrance Insulators	B	16I5951
1	Type 23146 Key-Control Panel	B		3	Type 61475 Entrance Insulators	B	16I5975
1	Model SCR-608 Series Transmitting-Receiving Equipment	B		30*	Type 61339 Pedestal Insulators	C	16I9838
1	Type 211437 Motor Generator	B		6	Type 61352 Anti-Corona Caps	B	16C4000
<u>CHART HOUSE</u>				6	Type 63288 Static-Leak Resistors (1/2 meg.)	C	16H18225
1	Model RBS Series Receiving Equipment			9*	Type 61471 Entrance Insulator	B	
2	Type 24502 Selector Switches			46*	Type 49120 Concentric Jacks	C	16J1200
1	Type 23135 Control Unit			11*	Type 49123 Concentric Patchcord Assemblies	B	
1	Type 23285 Control Unit			6	Type 28006A Receiver Protective Units	B	16P8800
1	Type 49029 Jackbox	B	16B10050	<u>OPEN BRIDGE</u>			
2	Type 49546 Loudspeaker Units			3	Type 49546 Loudspeaker Units	B	
1	Type 49175 Loudspeaker			3	Type 49618 Telephone Receptacles		
1	Model DAS Series Loran Equipment	B					

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
December 1945	1 July 1945	III	205A	RE IIA 100

TYPE  
**CM**

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
MINELAYERS**

NAVSHIPS - 981

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
				1	Medium Air Search Radar	B	
				1	Small Surface Search Radar	B	
				1	Model BL or BM Series Interrogator Responder	B	
				1	Model BN Series Interrogator Responder	B	
				2	Model BK Series Transponders	B	
				1	Fire Control Radar MK26 (allowed on CM 11-12)	B	
				2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B	
				1	Type CCL - 211014 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
					ALLOWANCE FOR CM5		
				1	Large Air Search Radar	B	
				1	Large Surface Search Radar	B	
				1	Model BM Series Interrogator Responder	B	
				1	Model BN Series Interrogator Responder	B	
				2	Model BK Series Transponders	B	
				1	Fire Control Radar MK12	B	
				1	Fire Control Radar MK22	B	
				2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B	
				1	Type CCL - 211018 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
					SONAR MATERIAL		
				1	Model NM Series Sounding Equipment	B	
					RCM MATERIAL		
					None		

RADIO DIVISION - BUREAU OF SHIPS

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	205B	III	1 July 1945	1 December 1945

**FITTING - OUT**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**MINELAYERS**

<b>TYPE</b>
<b>CM</b>

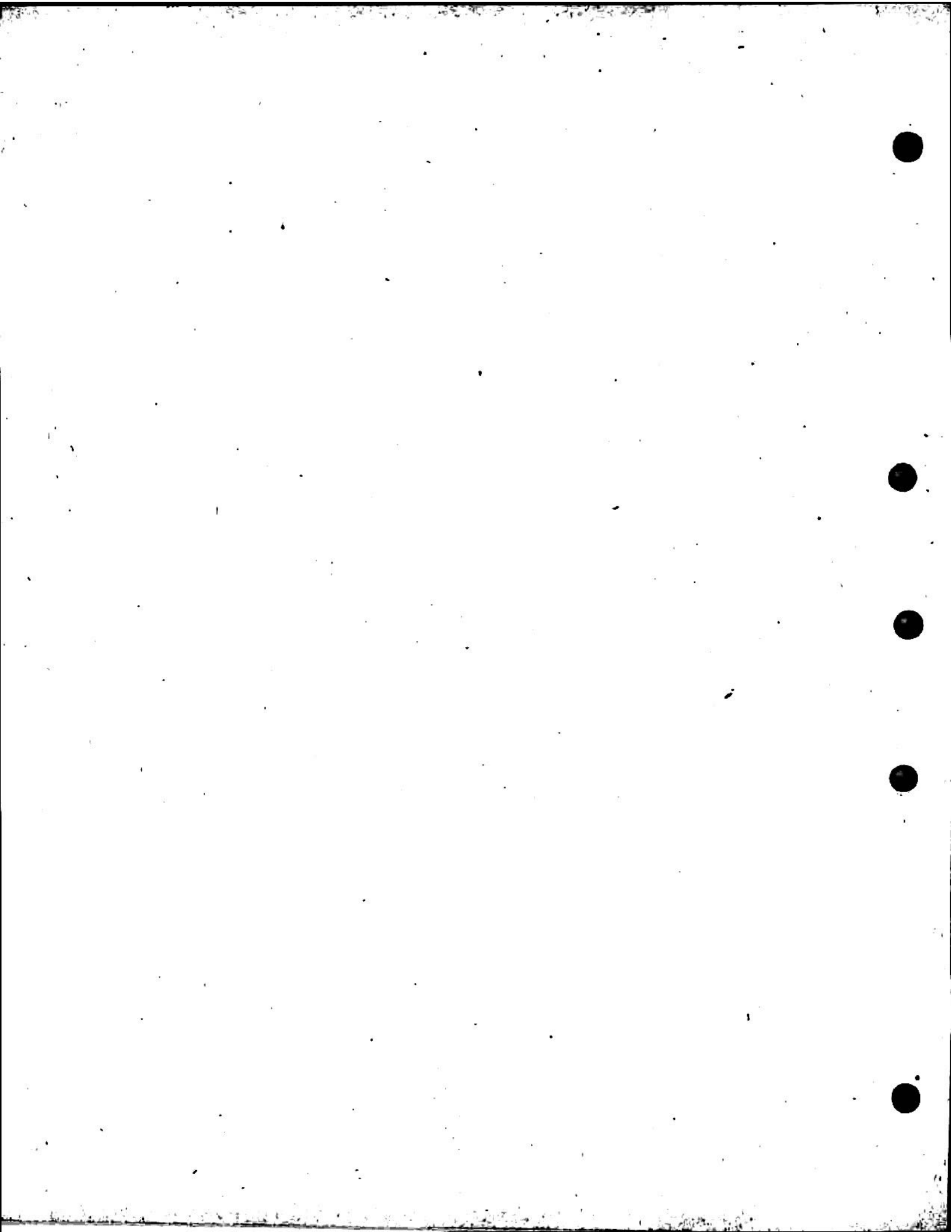
QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<u>TESTING EQUIPMENT</u>				<u>TOOLS (Cont.)</u>		
1	Model OBL Oscilloscope	B		1	Pliers, diagonal cutting, 4"	C	41P1710
1	Model TS-173/UR Frequency Meter	B		1	Pliers, diagonal cutting, 6"	C	41P1714
1	Model OBU - 2, 3 Echo Box (for each SG)	B		1	Pliers, round nose, short, 4"	C	41P1910
1	Model OL Series Vacuum Tube Analyser	B		1	Pliers, round nose, short, 6"	C	41P1614
2	Type 10223 Repair Kit	B		1	Pliers, side cutting, flat nose, 6"	C	41P1974
1	Type 60A8M Frequency Meter (each MK26)	B		1	Pliers, side cutting, flat nose, 8"	C	41P1977
1	Model TS-89/AP Series Voltage Divider	B		1	Pliers, long nose, 6"	C	41P1991
1	Type 10498 Terminal Kit	B		1	Punch, center, 3/8"	C	41T7185
	<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>			1	Screwdriver, common, 3" blade	C	41S1101
4	Type 49016 Hand Telephone Assemblies	B	16H3030	1	Screwdriver, common, 4" blade	C	41S1102
4	Model TBY Series Transmitting-Receiving Equipment	B		1	Screwdriver, common, 6" blade	C	41S1104
3	Type 49619 Hand Telephone Assembly	B		1	Screwdriver, common, 8" blade	C	41S1106
3	Type 51082 Hand Telephone Assembly	B		1	Screwdriver, common, 12" blade	C	41S1110
1	Model OAH Code Practice Set	B		1	Screwdriver, slim-shank, 6" blade	C	41S1156
	<u>MISCELLANEOUS SPARES</u>			1	Screwdriver, Phillips 3" blade #1 point	C	41S1645
5	Type 49016 Hand Telephone Assemblies	B	16H3030	1	Screwdriver, Phillips 4" blade, #2 point	C	41S1650
6	Type 61493 Suspension Insulators	C	16I12145	1	Screwdriver, Phillips, 8" blade, #4 point	C	41S1650
1	Type 61479 Suspension Insulators	C	16I12105	1	Torch, gasoline, 1 quart	B	41T7645
1	Type 61019C Entrance Insulators	B	16I5951	1	Vise, bench 3" Jaws Class A	B	41V242
6	Type 61234A Insulator Bowls	C	16I14025	1	Wrench, open-end 15° double-head, 7/16" & 1/2"	C	41W1000
6	Type 61339 Pedestal Insulators	C	16I9838	1	Wrench, open-end, 15° double-head, 9/16" & 5/8"	C	41W1005
1	Type 61475 Entrance Insulators	B		1	Wrench, open-end, 15° double-head, 5/8" & 3/4"	C	41W1008
1	Type 61470 Insulator Bowls	C		1	Wrench, open-end, 15° double-head, 3/4" & 13/16"	C	41W1012
1	Type 61471 Entrance Insulators	B		1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41W1019
1	Type 631023 Resistor, 3150 ohms, Style E	C		1	Wrench, open-end, 15° double-head, 1" & 1-1/8"	C	41W1024
200	Ft. 7-#18 Bronze Antenna Wire	C	16W3740	1 set	Wrenches, socket, hollow-shank	C	41W523425
200	Ft. 5/16" (6x19) Bronze Wire Rope	C	22PR200	1 set	Wrenches, setscrew (Allen #604 or equal)	B	
150	Ft. 7/16" (6x19) Bronze Wire Rope	C	22PR210				
	<u>TOOLS</u>						
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Chisel, machinists', hand, 1/4"	C	41C1052				
1	Chisel, machinists', hand, 5/8"	C	41C1062				
1	Cutter, circle, 1" to 1-1/2" Round Shank (Pawood #5 or equal)	C					
1	Drill, hand, 3/8" capacity	C	41D1328				
1	Drill, breast, 1/2" capacity	B	41D1663				
1 set	Drills, twist, carbon-steel, type "K"	B	40D1250				
1	File, flat 6"	C	41F870				
1	File, flat, 8"	C	41F872				
1	File, flat, 10"	C	41F874				
1	Frame, hacksaw, adjustable	C	41F3190				
1	Hammer, machinists', 1/2 lb.	C	41H521				
1	Iron, soldering, electric, light duty	B	41I638				
1	Iron, soldering, electric, medium duty	B	41I691				
1	Pliers, combination, slip-joint, 6"	C	41P1531				
1	Pliers, combination, slip-joint, 8"	C	41P1533				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	1 May 1945	III	205C	RE IIA 100



INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
 FOR  
 MINELAYERS - (COASTAL)**

TYPE
<b>CMc</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO ROOM</u>				<u>SEARCH AND IFF RADAR</u>		
1	Model ICF Series Transmitting-Receiving Equipment	B		1	Small Surface Search Radar	B	
				1	Model BK Series Transponders	B	
				1	Model BN Series Interrogator Responder	B	
				2	Type CTZ - 66A00 or CTZ - 66AFJ Antenna	B	
				1	Type CCL - 211014 Motor Generator	B	
				4	Type 6V-3EM-15AH Storage Batteries	B	
	<u>ANTENNA SYSTEM</u>						
1	Type 24206 Antenna Switch	B	16S10205				
7*	Type 61481 Suspension Insulators	C	16I12130				
5*	Type 61175A Pedestal Insulators	C	16I9832				
2*	Type 61471 Entrance Insulators	B					
					<b>SONAR MATERIAL</b>		
					None		
					<b>RCM-MATERIAL</b>		
					None		

*QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

SPECIAL EXCEPTIONS AND REMARKS

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 June 1945	31 July 1944	III	206A	RE IIA 100



TYPE  
CMc

FITTING - OUT  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
MINELAYERS- (COASTAL)

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<u>TESTING EQUIPMENT</u>						
2	Type 10223 Repair Kits	B					
1	Model OZ Series Vacuum Tube Analyzer	B					
	<u>MISCELLANEOUS SPARES</u>						
2	Type 6481 Suspension Insulators	C	16112130				
1	Type 61471 Entrance Insulator	B					
1	Type 61175a Pedestal Insulator	C	1619832				
75 Ft.	7-#18 Bronze Antenna Wire	C	1643740				

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	206B	III	31 July 1944	1 June 1945

06

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**AIRCRAFT CARRIERS**

<b>TYPE</b>
<b>CV</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b>RADIO CENTRAL (RADIO I)</b>				<b>RADIO TRANSMITTER ROOM AFT (CONT'D)</b>			
1	Model RBA Series Receiving Equipment	B		3	Type 23146 Key Control Panels	B	
4	Model RBE Series Receiving Equipments	B		5	Type 49029 Jackboxes	B	
12	Model RBC Series Receiving Equipments	B		1	Type 23188 Receiver Transfer Panel	B	
1	Model RBL Series Receiving Equipment	B		1	Type 23201 Transmitter Transfer Panel	B	
1	Model RAO Series Receiving Equipment	B		1	Type 23208 Radiophone Transfer Panel	B	
1	Model TBS Series Transmitting-Receiving Equipment	B		1	Type 23407 Antenna Transfer Panel	B	
1	Model LR Series Frequency Meter	B		2	Type 50069 Antenna Coupling Units	B	
1	Model RBU Series Panoramic Adapter	B					
1	Model RBV Series Panoramic Adapter	B					
4	Model RBS Series Receiving Equipments	B					
13	Type 23146 Key Control Panels	B					
25	Type 49029 Jackboxes	B	16B10050				
2	Type 23423 Radiophone Units	B					
1	Type 23135 Control Unit	B					
1	Type 51019 Hand Telephone Assembly	B					
2	Type 23293 Receiver Transfer Panels	B					
2	Type 23294 Transmitter Transfer Panels	B					
2	Type 23205 Radiophone Transfer Panels	B					
1	Type 23404 Antenna Transfer Panel	B					
<b>RADIO TRANSMITTER ROOM FORWARD (RADIO II)</b>				<b>RADIO V</b>			
1	Model TAJ Series Transmitting Equipment	B					
2	Model TCK Series Transmitting Equipment	B					
1	Model TBM Series Transmitting Equipment	B					
2	Model TCZ Series Transmitting Equipment	B					
1	Model RAK Series Receiving Equipment	B					
1	Model RAL Series Receiving Equipment	B					
3	Model RBO Series Receiving Equipments	B					
1	Model LR Series Frequency Meter	B					
3	Type 23146 Key Control Panels	B					
5	Type 49029 Jackboxes	B	16B10050				
1	Type 23188 Receiver Transfer Panel	B					
1	Type 23196 Transmitter Transfer Panel	B					
1	Type 23208 Radiophone Transfer Panel	B					
1	Type 23406 Antenna Transfer Panel	B					
2	Type 50069 Antenna Coupling Units	B					
42	Model TCS Series Transmitting/Receiving Equipments	B					
2	Model TDQ Series Transmitting Equipments	B					
2	Model RCK Series Receiving Equipments	B					
<b>RADIO TRANSMITTER ROOM AFT (RADIO III)</b>				<b>RADIO VI</b>			
2	Model TCK Series Transmitting Equipment	B					
2	Model TCZ Series Transmitting Equipment	B					
1	Model TBM Series Transmitting Equipments	B					
1	Model RAK Series Receiving Equipment	B					
1	Model RAL Series Receiving Equipment	B					
42	Model TCS Series Transmitting/Receiving Equipments	B					
1	Model LM Series Frequency Meter	B					
				<b>COMBAT INFORMATION CENTER</b>			
				2	Model RBS Series Receiving Equipments	B	
				1	Model RBK Series Receiving Equipments	B	
				1	Model RBW Series Panoramic Adapter	B	
				4*	Type 23146 Key Control Panels	B	16B10050
				4*	Type 49029 Jackboxes	B	
				8	Type 23423 Radiophone Units	B	
				8	Type 49620 Series Speaker Amplifier Units	B	
				3	Type 23135 Control Units	B	
				6	Type 49546 Loudspeaker Units	B	
				3	Type 51019 Hand Telephone Assemblies	B	
				4	Type 51008 Hand Telephone Assemblies	B	
				4*	Type 51015 Chest Microphone Assemblies	B	
				4	Type 24502 Selector Switches	B	
				2	Type C45/ARC Control Unit	B	
				2	Type RM-29 Remote control units	B	
				<b>AIR FLOT</b>			
				2	Model RBS Series Receiving Equipment	B	
				2	Type 23146 Key Control Panels	B	
				2	Type 49029 Jackboxes	B	16B10050
				2	Type 49645 Loudspeaker Units	B	
				4	Type 23423 Radiophone Units	B	
				4	Type 49620 Series Speaker Amplifier Unit	B	
				2	Type 24502 Selector Switches	B	

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

\* - One Model TCS Series Transmitting/Receiving Equipment in each transmitting station shall be Battery Powered and one Model TCS Series Transmitting/Receiving Equipment in each Transmitting Station shall be powered from the ship's power.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 November 1945	III	210A	RE IIA 100

## INSTALLATION

TYPE

CV

## TYPE ALLOWANCE OF ELECTRONIC MATERIAL FOR AIRCRAFT CARRIERS

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>FLAG PLOT</u>				<u>SKY CONTROL (AFT)</u>		
1	Model TBS Series Transmitting-Receiving Equipment	B		1	Type 23211 Radiophone Unit	B	
1	Model RBK Series Receiving Equipment	B					
2	Model RBS Series Receiving Equipments	B					
3	Type 23135 Control Units	B					
2	Type 23423 Radiophone Units	B					
6	Type 49546 Loudspeaker Units	B					
2	Type 49620 Series Speaker-Amplifier Unit	B			<u>LANDING SIGNAL OFFICERS PLATFORM (AFT)</u>		
3	Type 51019 Hand Telephone Assemblies	B		1	Type 23211 Radiophone Unit	B	
2	Type 24502 Selector Switches						
	<u>VERY HIGH FREQUENCY RADIO ROOM</u>				<u>VISUAL FDO</u>		
4	Model RCK Series Receiving Equipments	B		1	Type 23211 Radiophone Unit	B	
4	Model TDQ Series Transmitting Equipments	B					
1	Model TBS Series Transmitting-Receiving Equipment	B			<u>CHART HOUSE</u>		
1	Model YE Series Homing Equipment	B		1	Model DAS Series Loran Equipment	B	
1	Type 23135 Control Unit	B		1	Type 49029 Jackbox	B	16B10050
1	Type 51019 Hand Telephone Assembly	B					
	<u>PILOT HOUSE</u>				<u>SECONDARY SHIP CONNING STATION</u>		
1	Model RBB Series Receiving Equipment	B		1	Type 23135 Control Unit	B	
3	Type 23135 Control Units	B		1	Type 51019 Hand Telephone Assembly	B	
1	Type 23146 Key Control Panel	B					
1	Type 23423 Radiophone Unit	B					
1	Type 49029 Jackbox	B	16B10050				
4	Type 49546 Loudspeaker Units	B			<u>ELSEWHERE</u>		
1	Type 49620 Series Speaker-Amplifier Unit	B		20	Type 49620 Series Speaker-Amplifier Unit (Broadcast)	B	
3	Type 51019 Hand Telephone Assemblies	B		2	Model AN/ARC-1 Transmitting/Receiving Equipments	B	
	<u>AEROLOGICAL OFFICE</u>			2	Model SCR 608 Transmitting/Receiving Equipments	B	
1	Model RAO Series Receiving Equipment	B		4	Type 211649 M.G. Sets	B	
1	Model RBL Series Receiving Equipment	B			<u>ANTENNA SYSTEM</u>		
1	Model RAU Series Receiving Equipment	B		3	Type 28006A Receiver Protective Units	B	16P8800
	<u>SKY CONTROL (FORWARD)</u>			38*	Type 49123 Concentric Patchcord Assemblies	B	
1	Type 23211 Radiophone Unit	B		6	Type 50067 Antenna Coupling Units	B	
				18*	Type 61493 Suspension Insulators	C	16I12145
				4	Type 61428 Base Insulators	B	
				4	Type 66053 Whip Type Antenna	B	
				10*	Type 61014C Suspension Insulators	C	16I12105
				16*	Type 61019C Entrance Insulators	B	16I5951
				7*	Type 61174B Pedestal Insulators	C	16I9829

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

### SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	210B	III	1 November 194	1 December 1945

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**AIRCRAFT CARRIERS**

<b>TYPE</b>
<b>CV</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
<b>ANTENNA SYSTEM (CONT'D)</b>				<b>RADAR REPEATERS (CONT'D)</b>			
32	Type 61494 Suspension Insulators	B		1	Model VF (CIC)	B	
8	Type 61335 Antenna Supporting Insulators	C	16I5040	1	Model VG(or VG-1) (CIC)	B	
3	Type 61350 Antenna Supporting Insulators	R	16I4990	3	Model VK(or VJ or VC-12" tube or VD)(CIC)	B	
82*	Type 61339 Pedestal Insulators	C	16I9838	1	Model VK(or VJ or VC-12" tube or VD) (Flag Plot)	B	
18*	Type 61352 Anti-Corona Caps	B		1	Model VK(or VF)(Flag Plot)	B	
72*	Type 61395A Spacer Insulators	C	16I9720	1	Model VK(or VJ or VC-12" tube or VD) (Main Battery Plot Fwd)	B	
6*	Type 61471 Entrance Insulators	C		1	Model VK (or VJ) (Brdwre)	B	
9*	Type 61475 Entrance Insulators	C		1	Model VK(or VJ or VC-12" tube or VD) (Auxiliary CIC)	B	
8	Type 63288 Static-Leak Resistors* (1/2 Megohm)	C	16R18225	1	Model VK(or VJ or VH or VD)(Air Defense Fwd)	B	
3	Type 66046 Vertical Antennas	B		1	Model VK(or VJ or VH or VD)(Air Defense Aft)	B	
8	Type 66047 Vertical Antennas	B		1	Model VH(or VC or VD)Secondary Conn	B	
1	Patchcord Adaptor for Capacitance Bridge	B		1	Model VK(or VJ or VH or VD)(Air Defense Aft)	B	
43*	Type 49120 Concentric Jacks	C	16J1200	1	Model VH(or VC or VD)Secondary Conn	B	
<b>RADAR MATERIAL</b>				<b>FIRE CONTROL EQUIPMENT</b>			
<b>SEARCH AND IFF RADAR</b>				2	Fire Control Radar Equipment MK 12 (Not allowed in CV 4) Replacing MK4 where installed. (Main Battery)	B	
1	Large Air Search Radar (SK Series)	B		2	Fire Control Radar Equipment MK 22 (Main Battery)	B	
1	Medium Air Search Radar	B		2	Fire Control Radar Equipment MK 28 (Allowed in CV 4 only)(Main Battery)	B	
*1	Large Surface Search Radar (SG Series)	B		4	Fire Control Radar Equipment MK 29-2	B	
1	Large Fighter Director Radar Model SM (Allowed in CV 6-20, 31, 38) (SM-1 in CV 3, 4)	B		7	Fire Control Radar Equipment MK 34-2 (Allowed in CV 9-13, 16, 17, 18, 20, 31) Nine (9) allowed in CV 14, 15, 19, 21, 32, 47	B	
1	Medium Fighter Director Radar Model SP (Allowed in CV 21, 32-37, 40-47)	B			Interim installation of MK 34-2 may be MK 28-2		
2	Portable Surface Search Radars Model SQ	B		2	Fire Control Radar Equipment MK 32 (Not allowed in CV 4)	B	
2	Model BL or BM Series Interrogator Responzor	B		<b>RADAR BEACONS</b>			
1	Model BM Series Interrogator Responzor (Allowed with each SM Series Radar)	B		1	Model AN/CPN-6 Radar Beacon	B	
1	Model BO Series Interrogator Responzor (Allowed with each SM Series Radar)	B		<b>SONAR MATERIAL</b>			
1	Model BM-1 Interrogator Responzor (Allowed with each SP Radar)	B		1	Model NM Series Sounding Equipment	B	
1	Model BO-1 Interrogator Responzor (Allowed with each SP Radar)	B		<b>RCM MATERIAL</b>			
*1	Model BN Series Interrogator Responzor	B		1	Model TDY-1 Transmitter	B	
3	Model BK Series Transponzors	B		1	High Frequency Transmitter	B	
6	Type CTZ-66ACG or CTZ-66AFJ Antennas	B		1	Model RDO Receiver	B	
42	Type CCL - 211015 Motor Generator	B		1	Model RDJ Pulse Analyzer	B	
8	Type 6V-SRM-15AH Storage Batteries	B		1	Model RDP Panoramic Adapter	B	
	+ = In addition to SG, one Model SU and one additional Model BN allowed in CV 14.			1	Model AN/SPR-2 Receiver	B	
	# = Type CCL - 211014 on DC Vessels.			1	Model DEM-1 D/F System	B	
	<b>RADAR REPEATERS</b>			10	Type CAFJ-10-AEV Balloon Kits	B	
	Stations listed in order of priority. Preference of model indicated by order of listing.						

**QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES**

**SPECIAL EXCEPTIONS AND REMARKS**

**THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1955	1 October 1955	III	210C	RE IIA 100





FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
 FOR  
 AIRCRAFT CARRIERS**

TYPE
<b>CV</b>

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TOOLS (CONT'D)</u>							
2	Punches, center, 3/8"	C	41T3185				
1	Pliers, electric, "Thermagrip #2"	B	-				
1	Pliers, electric, "Thermagrip #5"	B	-				
1	Shears, hand, type "B"	C	41S2798				
4	Screwdrivers, common, 3" Blade	C	41S1101				
4	Screwdrivers, common, 4" Blade	C	41S1102				
2	Screwdrivers, common, 6" Blade	C	41S1104				
2	Screwdrivers, common, 8" Blade	C	41S1106				
2	Screwdrivers, common, 12" Blade	C	41S1110				
2	Screwdrivers, slim-shank, 6" blade	C	41S1156				
1	Screwdriver, Phillips 3" blade #1 point	C	41S1645-15				
1	Screwdriver, Phillips 4" blade #2 point	C	41S1645-20				
1	Screwdriver, Phillips 8" blade #4 point	C	41S1645-30				
1	Scriber, machinists', 9"	C	41S2030				
1	Torch, gasoline, 1 quart	B	41T3645				
1	Vise, bench 3" jaws, Class A	B	41V242				
1	Wrench, open-end 15° double-head 7/16" & 1/2"	C	41W1000				
1	Wrench, open-end 15° double-head, 9/16" & 5/8"	C	41W1005				
1	Wrench, open-end 15° double-head, 5/8" & 3/4"	C	41W1008				
1	Wrench, open-end 15° double-head, 3/4" & 13/16"	C	41W1012				
1	Wrench, open-end 15° double-head, 7/8" & 15/16"						
1	Wrench, open-end 15° double-head, 1" & 1-1/8"	C	41W1024				
1 set	Wrenches, socket, medium duty 1/4" to 1"	C	41W2997				
1	Wrench, pipe, adjustable, 10"	C	41W1652				
1 set	Wrenches, socket, hollow-shank	B	41W2623-42				
1 set	Wrenches, setscrew (Allen #604 or equal)	B					
2	Pliers, phone tin, Type 49112	B					
1	Drill, Portable Electric 1/4" Cap	B	40D341				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 June 1945	1 March 1945	III	210E	RE' II-A 100

IN REPLY TO THE MEMORANDUM OF THE SECRETARY

OF THE DEPARTMENT OF THE INTERIOR

AND

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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">TYPE</td> </tr> <tr> <td style="text-align: center; font-size: 2em;">CVB</td> </tr> </table>	TYPE	CVB	<h2 style="margin: 0;">INSTALLATION</h2> <h3 style="margin: 0;">TYPE ALLOWANCE OF ELECTRONIC MATERIAL</h3> <h3 style="margin: 0;">FOR</h3> <h3 style="margin: 0;">AIRCRAFT CARRIERS—(LARGE)</h3>
TYPE			
CVB			

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>FLAG PLOT</u>				<u>SKY CONTROL (FORWARD)</u>		
1	Model RBK Series Receiving Equipment	B		1	Type 23211 Radiophone Unit		
2	Model RBB Series Receiving Equipment	B					
3	Type 23135 Control Units	B					
3	Type 51019 Hand Telephone Assemblies	B					
6	Type 49546 Loudspeaker Units	B			<u>LANDING SIGNAL OFFICERS PLATFORM (AFT)</u>		
2	Type 23423 Radiophone Units	B		1	Type 23211 Radiophone Unit	B	
2	Type 49620 Series Speaker-Amplifier Unit	B					
2	Type 24502 Selector Switches	B			<u>VISUAL FDO</u>		
				1	Type 23211 Radiophone Units	B	
	<u>FLAG RADIO</u>				<u>ELSEWHERE</u>		
2	Type 23146 Key Control Panels	B					
2	Type 49029 Jackboxes	B	16B10050	20	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
	<u>VHF ROOM</u>				<u>ANTENNA SYSTEM</u>		
1	Model TBS Series Transmitting-Receiving Equipment	B					
4	Model TDQ Series Transmitting Equipment	B		3	Type 28006A Receiver Protective Units	B	16P8800
4	Model RCK Series Receiving Equipments	B		43*	Type 49120 Concentric Jacks	C	16J1200
1	Model YE Series Homing Equipment	B		38*	Type 49123 Concentric Patchcord Assemblies	B	
1	Type 23135 Control Unit	B		6	Type 50067 Antenna Coupling Units	B	
1	Type 51019 Hand Telephone Assembly	B		18*	Type 61493 Suspension Insulators	C	16I12145
2	Model SCR-608 Transmitting/Receiving Equipment	B		10*	Type 61479 Suspension Insulators	C	16I12105
2	Model AN/ARC-1 Transmitting/Receiving Equipment	B		16*	Type 61019C Entrance Insulators	B	16I5951
4	Type 211649 M.G. Sets	B		7*	Type 61174B Pedestal Insulators	C	16I9829
	<u>PRIMARY SHIP CONNING STATION</u>			32*	Type 61494 Suspension Insulators	B	
1	Model TBS Series Transmitting-Receiving Equipment	B		6*	Type 61335 Antenna Supporting Insulators	B	16J5040
1	Model RBB Series Receiving Equipment	B		88*	Type 61339 Pedestal Insulators	C	16I9838
3	Type 23135 Control Units	B		3*	Type 61350 Antenna Supporting Insulators	B	16I4990
3	Type 51019 Hand Telephone Assemblies	B		18*	Type 61352 Anti-Corona Caps	B	
1	Type 23423 Radiophone Unit	B		72*	Type 61395A Spacer Insulators	C	16I9720
1	Type 23146 Key Control Panel	B		6*	Type 61471 Entrance Insulators	C	
1	Type 49029 Jackbox	B	16B10050	9*	Type 61475 Entrance Insulators	C	
4	Type 49546 Loudspeaker Units	B		8	Type 63288 Static-Leak Resistors (1/2 Megohm)	C	16R18225
1	Type 49620 Series Speaker-Amplifier Unit	B		3	Type 66046 Vertical Antennas	B	
				6	Type 66047 Vertical Antennas	B	
	<u>SECONDARY SHIP CONNING STATION</u>			1	Patchcord Adaptor for Capacitance Bridge	B	
1	Type 23135 Control Unit	B		4	Type 66053 Whip Type Antenna	B	
1	Type 51019 Hand Telephone Assembly	B		4	Type 61428 Base Insulators	B	16I5045
	<u>AEROLOGICAL OFFICE</u>				<u>CHART HOUSE</u>		
1	Model RAO Receiving Equipment	B		1	Model DAS Series Loran Equipment	B	
1	Model RBL Receiving Equipment	B		1	Type 49029 Jackbox	B	16B10050
1	Model RAU Receiving Equipment	B					

RADIO DIVISION - BUREAU OF SHIPS

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	211B	III	1 November 1945	1 December 1945

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**AIRCRAFT CARRIERS - (LARGE)**

<b>TYPE</b>
<b>CVB</b>

QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
<u>SEARCH AND IFF RADAR</u>							
1	Large Air Search Radar (SK-2)	B					
1	Medium Air Search Radar (SR-2)	B					
1	Large Surface Search Radar (SG-4)	B					
1	Large Fighter Director Radar (SX)	B					
2	Portable Surface Search Radars (SQ)	B					
2	Model BM-1 Interrogator Responder	B					
1	Model BO-1 Interrogator Responder	B					
1	Model BN Series Interrogator Responder	B					
3	Model BK Series Transponders	B					
4	Type CTZ 66ACG or CTZ 66AFJ Antennas	B					
2	Type CCL 211018 Motor Generators	B					
8	Type 6V-SEM-15AH Storage Batteries	B	17B9490				
<u>RADAR REPEATERS</u>							
Stations listed in order of priority. Preference of model indicated by order of listing.							
1	Model VF (CIC)	B					
1	Model VG (or VG-1)(CIC)	B					
3	Model VK(or VJ or VC-12" tube or VIK(CIC)	B					
1	Model VK(or VJ or VH or VD)(Open Bridge)	B					
1	Model VK(or VJ or VC-12" tube or VD) (Flag Plot)	B					
1	Model VK(or VF) (Flag Plot)	B					
1	Model VK(or VJ or VC-12" tube or VD) (Main Battery Plot Fwd)	B					
1	Model VK (or VF)(Bridge)	B					
1	Model VK(or VJ or VC-12" tube or VD) (Main Battery Plot Aft)	B					
1	Model VK(or VJ or VH or VD) (Air Defense Fwd)	B					
1	Model VK(or VJ or VH or VD) (Air Defense Aft)	B		1	Model NM Series Sounding Equipment	B	
1	Model VH(or VD or VC)(Secondary Conn)	B				B	
<u>FIRE CONTROL RADAR EQUIPMENT</u>							
4	Fire Control Radar Equipment MK12 (Main Battery)	B					
4	Fire Control Radar Equipment MK22 (Main Battery)	B					
13	Fire Control Radar Equipment MK34-2 (Heavy Machine Gun Battery)	B					
14	Fire Control Radar Equipment MK29-2 (Heavy Machine Gun Battery)	B					
4	Fire Control Radar Equipment MK32 (FC IFF)	B					
<u>RADAR BEACON</u>							
1	Model CPN-6 Beacon	B		1	Model TDY-1 Transmitter	B	
				1	High Frequency Transmitter	B	
				1	Model RDC Series Receiver	B	
				1	Model RDJ Pulse Analyzer	B	
				1	Model RDP Series Panoramic Adapter	B	
				1	Model AN/SPR-2 Receiver	B	
				1	Model DBM-1 D/F System	B	
				10	Type CAFJ-10-AEV Balloon Kite	B	

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	1 October 1945	III	211C	RE IIA 100





FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**AIRCRAFT CARRIERS (LARGE)**

TYPE  
**CVB**

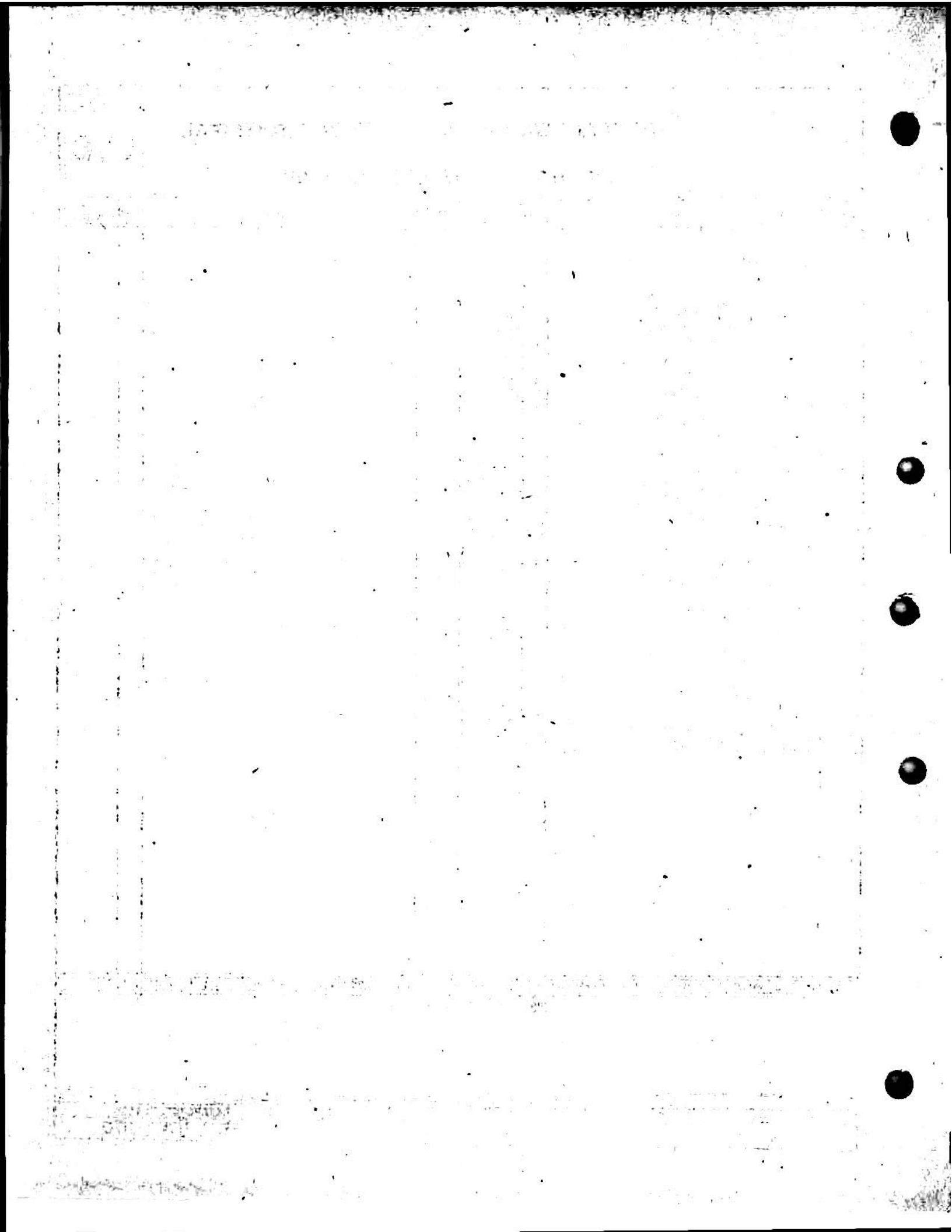
QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TOOLS (CONT'D)</u>							
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, combination, slip-joint, 8"	C	41P1633				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, round nose, short, 4"	C	41P1910				
1	Pliers, round nose, short, 6"	C	41P1914				
1	Pliers, side cutting, flat nose, 6"	C	41P1974				
1	Pliers, side cutting, flat nose, 8"	C	41P1977				
1	Pliers, long nose, 6"	C	41P1991				
1	Pliers, phone-tip, Type 49112	B	16P				
2	Punches, center, 3/8"	C	41T3185				
1	Pliers, electric, "Thermagrip #2"	B					
1	Pliers, electric, "Thermagrip #5"	B					
1	Shears, hand, type "B"	C	41S2798				
4	Screwdrivers, common, 3" blade	C	41S1101				
4	Screwdrivers, common, 4" blade	C	41S1102				
2	Screwdrivers, common, 6" blade	C	41S1104				
2	Screwdrivers, common, 8" blade	C	41S1106				
2	Screwdrivers, common, 12" blade	C	41S1110				
2	Screwdrivers, slim-shank, 6" blade	C	41S1156				
1	Screwdriver, Phillips 3" blade #1 point	C 41	81645-15				
1	Screwdriver, Phillips 4" blade #2 point	C 41	81645-20				
1	Screwdriver, Phillips 8" blade #4 point	C 41	81645-30				
1	Scriber, machinists', 9"	C	41S2030				
1	Torch, gasoline, 1 quart	B	41T3645				
1	Vise, bench 3" jaws, class A	B	41V242				
1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000				
1	Wrench, open-end, 15" double-head, 9/16" & 5/8"	C	41W1005				
1	Wrench, open-end, 15" double-head, 5/8" & 3/4"	C	41W1008				
1	Wrench, open-end, 15" double-head, 3/4" & 13/16"	C	41W1012				
1	Wrench, open-end, 15" double-head, 7/8" & 15/16"	C	41W1019				
1	Wrench, open-end, 15" double-head, 1" & 1-1/8"	C	41W1024				
1 set	Wrenches, socket, medium duty 1/4" to 1"	C	41W2997				
1	Wrench, pipe, adjustable, 10"	C	41W1652				
1 set	Wrenches, socket, hollow-shank	B 41	W2623-425				
1 set	Wrenches, setscrew, (Allen #504 or equal)	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 June 1945	1 March 1945	III	211E	RE IIA 100



**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**AIRCRAFT CARRIERS - (ESCORT)**

<b>TYPE</b>
<b>CVE</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO CENTRAL</u>				<u>COMBAT INFORMATION CENTER (Continued)</u>			
1	Model RBA Series Receiving Equipment	B		2	Type 23135 Control Units	B	
2	Model RBB Series Receiving Equipment	B		3	Type 23146 Key-Control Panels	B	
3	Model RBC Series Receiving Equipment	B		6	Type 23423 Radiophone Units	B	
2	Model RBS Series Receiving Equipment	B		3*	Type 49029 Jackboxes	B	16B10050
1	Model RAK Series Receiving Equipment	B		6	Type 49620 Series Speaker-Amplifier Units	B	
1	Model RAL Series Receiving Equipment	B		4*	Type 49274 Jackboxes	B	
4	Model RCK Series Receiving Equipment	B		7	Type 49546 Loudspeaker Units	C	
1	Model TBS Series Transmitting/Receiving Equipment	B		4	Type 51008 Hand Telephone Assemblies	B	
4	Model TDQ Series Transmitting Equipments	B		2	Type 51019 Hand Telephone Assemblies	B	
1	Model TCZ Series Transmitting Equipments	B		4*	Type 51015 Chest Microphone Assemblies	B	
1	Model LR Series Frequency Meter	B		4	Type 24502 Selector Switches	B	
1	Type 23135 Control Unit	B		2	Type 211649 M.G. Set	B	
6*	Type 23146 Key-Control Panels	B		<u>AIR PLOT</u>			
1	Type 23206 Radiophone Transfer Panel	B		2	Model RBB Series Receiving Equipments	B	
1	Type 23423 Radiophone Unit	B		2*	Type 23146 Key-Control Panels	B	
1	Type 23293 Receiver Transfer Panel	B		1	Type 23423 Radiophone Unit	B	
1	Type 23294 Transmitter Transfer Panel	B		2*	Type 49029 Jackboxes	B	16B10050
9*	Type 49029 Jackboxes	B	16B10050	4	Type 49546 Loudspeaker Units	B	
1	Type 51019 Hand Telephone Assembly	B		4*	Type 49274 Jackboxes	C	
1	Type 23405 Antenna Transfer Panel	B		1	Type 49620 Series Speaker Amplifier Unit	B	
2	Type 50069 Receiver Coupling Units	B		2	Type 51008 Hand Telephone Assemblies	B	
1	Model RBV Panoramic Adapter	B		<u>AEROLOGICAL OFFICE</u>			
1	Model RBV Panoramic Adapter	B		1	Model RBL Series Receiving Equipment	B	
<u>RADIO TRANSMITTER ROOM</u>				1	Model RAO Series Receiving Equipment	B	
2	Model RBO Series Receiving Equipments	B		1	Type 49546 Loudspeaker Unit	B	
2	Model TCK Series Transmitting Equipment	B		2	Type 49029 Jackboxes	B	16B10050
1	Model TCS Series Transmitting-Receiving Equipment (Ships Power)	B		<u>UPPER BRIDGE</u>			
1	Model RAK Series Receiving Equipment	B		2	Type 23135 Control Unit	B	
1	Model RAL Series Receiving Equipment	B		1*	Type 23146 Key-Control Panel	B	
1	Model LM Series Frequency Meter	B		1	Type 23211 Radiophone Unit	B	
2*	Type 23146 Key-Control Panel	B		1*	Type 49029 Jackbox	B	
1	Type 23188 Receiver Transfer Panel	B		2	Type 49546 Loudspeaker Unit	B	
1	Type 23201 Transmitter Transfer Panel	B		1	Type 49620 Series Speaker-Amplifier Unit	B	
1	Type 23208 Radiophone Transfer Panel	B		2	Type 51019 Hand Telephone Assembly	B	
2	Type 28002 Resistor Coils	B		<u>CHART HOUSE</u>			
1*	Type 49029 Jackbox	B	16B10050	1	Model DAS Series Loran Equipment	B	
1	Type 631023 Resistor-3150 ohms Style E	C	16R18230	1*	Type 49029 Jackbox	B	16B10050
1	Type 23406 Antenna Transfer Panel	B		<u>COMBAT INFORMATION CENTER</u>			
2	Type 50069 Receiver Coupling Units	B		2	Model RBB Series Receiving Equipments	B	
<u>COMBAT INFORMATION CENTER</u>				1	Model RBK Series Receiving Equipment	B	
2	Model RBB Series Receiving Equipments	B		1	Model RBW Panoramic Adapter	B	
1	Model RBK Series Receiving Equipment	B		2	Model AN/ARC-1 Transmitting/Receiving Equipments	B	
1	Model RBW Panoramic Adapter	B		QUANTITIES MARKED WITH AN ASTERISK (*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES			
2	Model AN/ARC-1 Transmitting/Receiving Equipments	B		SPECIAL EXCEPTIONS AND REMARKS			
THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II							
- SHEET ISSUED		SUPERSEDES SHEET DATED		SECTION		SHEET NUMBER	
1 December 1945		1 November 1945		III		212A	
REFERENCE NUMBER							
RE IIA 100							

TYPE		INSTALLATION					
CVE		TYPE ALLOWANCE OF ELECTRONIC MATERIAL FOR AIRCRAFT CARRIERS (ESCORT)					
QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>LANDING SIGNAL OFFICERS PLATFORM (AFT)</u>				<u>BATTERY CHARGING STATION</u>		
1	Type 23211 Radiophone Unit	B		1	Model TBY Series Transmitting/Receiving Equipment	B	
	<u>VISUAL F D O</u>			1	Model TCS Series Transmitting/Receiving Equipment	B	
1	Type 23211 Radiophone Unit	B					
	<u>ELSEWHERE</u>						
1	Model TBS Series Transmitting/Receiving Equipment	B					
1	Model YE Series aircraft Homing Equipment	B					
1	Model MBF Series Transceiving Equipment	B					
1	Type 23135 Control Unit	B					
10	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B					
1	Type 51019 Hand Telephone Assembly	B					
	<u>ANTENNA SYSTEM</u>						
8	Type 28006A Receiver Protective Units	B					
27*	Type 49120 Concentric Jacks	B	16J1200				
28*	Type 49123 Concentric Patchcord Assemblies	B					
30*	Type 49120 Jacks	B	16J1200				
4	Type 50163 Antenna Coupling Units	B					
29*	Type 61493 Suspension Insulators	B	16I12145				
40*	Type 61479 Suspension Insulators	B	16I12105				
13*	Type 61019C Entrance Insulators	B	16I5951				
3*	Type 61475 Entrance Insulators	B	16I5975				
8*	Type 61174B Pedestal Insulators	C	16I9829				
15*	Type 61175A Pedestal Insulators	C	16I9832				
6	Type 61335 Antenna Supporting Insulators	B					
14*	Type 61339 Pedestal Insulators	C	16I9838				
10	Type 61352 Anti-Corona Caps	B					
75*	Type 61395A Spacer Insulators	C	16I9720				
8	Type 63288 Static-Leak Resistors (1/2 meg.)	C					
3*	Type 66047 Vertical Antennas	B					
3*	Type 66046 Vertical Antennas	B					
	<u>AIR RADIO CENTER</u>						
43	Model RBS Series Receiving Equipments	B					
41	Type 23034-12 Receiver Transfer Panel	B					
42	Type 23423 Remote Radiophone Units	B					
41	Type 23410 Control Unit for TCZ	B					
43	Type 51008 Telephone Handsets	B					
<p>QUANTITIES MARKED WITH AN ASTERISK (*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES</p> <p>SPECIAL EXCEPTIONS AND REMARKS</p> <p>1 - Air Radio Center and necessary radio equipment is authorized only for those vessels designated as either CVE Division or Relief Flagships by cognizant service command.</p>							
THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II							
REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED			
RE IIA 100	212B	III	1 November 1945	1 December 1945			



**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**AIRCRAFT CARRIERS (ESCORT)**

<b>TYPE</b>
<b>CVE</b>

QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
<b>SEARCH AND IFF RADAR</b>							
1	Large Air Search Radar (SK Series) except CVE 1, 20, 26, 27, 28, 30, 55, 57, 58	B					
1	Medium Air Search Radar (SC Series) Allowed in CVE 1, 20, 26, 27, 28, 30, 55, 57, 58	B					
1	Large Surface Search Radar (SGa or SG-1)	B					
1	Portable Surface Search Radar (SQ Series)	B					
41	Medium Fighter Director Radar (SP)	B					
1	Model BL or BM Series Interrogator-Responder	B					
41	Model BM-1 Interrogator Responder	B					
41	Model BO-1 Interrogator Responder	B					
1	Model BN Series Interrogator Responder	B					
3	Model BK Series Transponders	B					
4	Type CTZ 66 ACG or 66 AFJ Antennas	B					
+2	Type CCL 211014 Motor Generators	B					
5	Type 6V-SBM-15AH Storage Batteries	B					
	† = Not allowed in CVE 1, 30. + = Substitute CCL 211018 in AC Ships.						
<b>RADAR REPEATERS</b>							
	Stations listed in order of priority. Preference of model indicated by order of listing.						
1	Model VF (CIC)	B					
1	Model VG (or VG-1) (CIC)	B					
3	Model VK (or VJ or VC- 12" tube or VD) (CIC)	B					
1	Model VK (or VJ or VH or VD)(Open Bridge)	B					
1	Model VK (or VJ or VH or VD)(Chart House or Flag Plot)	B					
<b>RADAR BEACONS</b>							
1	Model CPN-6 Beacon	B					
<b>SONAR MATERIAL</b>							
				1	Model NM Series Sounding Equipment	B	
				ø1	Bathy-Thermograph	B	
						B	
						B	
<b>RCM MATERIAL</b>							
				1	High Frequency Transmitter	B	
				1	Model RDO Receiver	B	
				1	Model RDJ Series Pulse Analyzer	B	
				1	Model RDP Series Panoramic Adapter	B	
				1	Model AN/SPR-2 Receiver	B	
				1	Model DBM-1 D/F System	B	
				1	Model TDY-1 Transmitter	B	
				10	Type CAFJ-10-AEV Balloon Kits	B	

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

ø = Assigned by Commander Service Forces and Type Commanders.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	1 August 1945	III	212C	RE IIA 100

<b>TYPE</b>	<b>FITTING - OUT</b>
<b>CVE</b>	<b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b> <b>FOR</b> <b>AIRCRAFT CARRIERS (ESCORT)</b>

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<b>TESTING EQUIPMENT</b>				<b>MISCELLANEOUS SPARES</b>			
1	Model OAA-2 Echo Box	B		11	Type 49016 Head Telephone Assemblies	B	16H3930
1	Model OBU 2, 3 Echo Box	B		15	Type 61493 Suspension Insulators	C	16I12145
1	Model TS-270/UP Echo Box	B		20	Type 61479 Suspension Insulators	C	16I12105
	(One for each SP)			3	Type 61019C Entrance Insulators	C	16I5951
1	Model AN/UPM-2 Frequency Meter	B		4	Type 61475 Entrance Insulators	B	16I5975
1	Model LM Series Frequency Meter	B		2	Type 61174B Pedestal Insulators	C	16I9829
1	Model OAP Series Frequency Meter	B		4	Type 61175A Pedestal Insulators	C	16I9830
1	Model TS-33/AP Frequency Meter	B		4	Type 61379 Pedestal Insulators	C	16I9833
1	Model TS-173/UR Frequency Meter	B		4	Type 61476 Insulator Bowls	C	16I14050
1	Model TS-182/UP Frequency Meter	B		3	Type 61234A Insulator Bowls	C	16I14075
2	Model TS-62/AP Echo Box	B		2	Type 61335 Antenna Supporting Insulator	C	16I5040
2	Model TS-311A/UP Echo Box	B		70	Type 61395A Spacer Insulators	B	16I9720
2	Model OBL Series Oscilloscopes	B		1	Type 611023 Resistor, 3150 ohms Style E	C	
1	Model OBT Series Oscilloscopes	B		300	Ft. 7-#18 Bronze Antenna Wire	C	1643740
1	Model TS-28/UPN, TS-120/UP Oscilloscopes	B		300	Ft. 5/16" dia. (6x19) Bronze Wire Rope	C	22R200
1	Model TS-34A/UP, Synchroscope	B		200	Ft. 7/16" dia. (6x19) Bronze Wire Rope	C	22R210
1	Model LAE Series Signal Generator	B		3	Type 49120 Jacks	C	
1	Model LAF Series Signal Generator	B		1	Type 66047 Vertical Antenna	B	
1	Model LAG Series Signal Generator	B		1	Type 66046 Vertical Antenna	B	
1	Model LO Series Signal Generator	B		2*	Type 51015 Chest Microphone Assemblies	B	
1	Model LP Series Signal Generator	B					
1	Model OCD Series Pulsar	B					
1	Model TS-35A/AP Signal Generator	B					
1	Model TS-331/UR Signal Generator	B					
1	Model OAW Series Tube Tester	B					
3	Model OZ Series Tube Tester	B					
1	Model AN/UPM-1b OSC., WM Scope	B					
1	Mark 2 Synchro Tester	B					
3	Model OBQ VT Volt Ohm Milliammeter	B					
2	Model OCR Volt - Ohm - Ma	B					
1	Model OF Series Field Strength Meter	B					
2	Model TS-89/AP Voltage Divider	B					
1	Model TS-268/U Crystal Test Set	B		6	Blades, hacksaw, type "B", 18 teeth	C	41B1163
1	Model TS-358/UP Range Calibrator	B		6	Blades, hacksaw, type "B", 32 teeth	C	41B1164
2	Model OCW Series Meggers	B		1	Blower, portable electric	B	17B21185
6	Type 10223 Repair Kits	B		2	Chisels, machinists', hand, 1/4"	C	41C1052
2	Type 60007 C & R Bridge	B		2	Chisels, machinists', hand, 3/8"	C	41C1062
1	Type 60089 VT Megohmmeter	B		1	Cutter, circle, 1" to 5-1/2" round shank (Pawood #5 or equal)	C	
1	Type 10498 Terminal Kit	B		1	Drill, hand, 3/8" capacity	C	41D1828
				1	Drill, breast, 1/2" capacity	B	41D1663
				1 set	Drills, twist, carbon-steel, type "K"	B	41D1250
				2	Files, flat, 6"	C	41F870
				2	Files, flat, 8"	C	41F872
				2	Files, flat, 10"	C	41F874
				1	Frame, hacksaw, adjustable	C	41F1190
				1	Hammer, machinists', 1/2 lb.	C	41H521
2	Model OAH Series Code Practice Sets	B		1	Iron, soldering, electric, light duty	B	41I688
1	Model TBY Series Transmitting/Receiving Equipment	B		1	Iron, soldering, electric, medium duty	B	41I691
				1	Iron, soldering, electric, heavy duty	B	41I685
17	Type 49016 Head Telephone Assemblies	B	16H3930	3	Pliers, combination, slip-joint, 6"	C	41P1631
2	Type 51018 Chest Microphone Assemblies	B	16M2098	3	Pliers, combination, slip-joint, 8"	C	41P1634
4*	Type 51015 Chest Microphone Assemblies	B		3	Pliers, diagonal cutting, 6"	C	41P1710
				3	Pliers, diagonal cutting, 8"	C	41P1714
				3	Pliers, round nose, short, 4"	C	41P1910
				3	Pliers, round nose, short, 6"	C	41P1914
				3	Pliers, side cutting, flat nose, 6"	C	41P1974
				3	Pliers, side cutting, flat nose, 8"	C	41P1977
				3	Pliers, long nose, 6"	C	41P1991
				2	Pliers, phone-tip, Type 49112	B	16P
				2	Punches, center, 3/8"	C	41T185
				1	Pliers, electric, "Thermagrip #2"		
				1	Drill, Portable Electric 1/4" Cap	B	40D341
<b>MISCELLANEOUS EQUIPMENTS AND MATERIALS</b>							

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	212D	III	1 August 1945	1 November 1945

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**AIRCRAFT CARRIERS (ESCORT)**

TYPE
CVE

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<b>TOOLS (CONT'D)</b>							
1	Shears, hand, type "B"	C	41S2798				
4	Screwdrivers, common, 3" blade	C	41S1101				
4	Screwdrivers, common, 4" blade	C	41S1102				
2	Screwdrivers, common, 6" blade	C	41S1104				
2	Screwdrivers, common, 8" blade	C	41S1106				
2	Screwdrivers, common, 12" blade	C	41S1110				
2	Screwdrivers, slim-shank 6" blade	C	41S1156				
1	Screwdriver, Phillips 7" blade #1 point	C	41S164515				
1	Screwdriver, Phillips 8" blade #2 point	C	41S164520				
1	Screwdriver, Phillips 8" blade #4 point	C	41S164530				
1	Scriber, machinists', 9"	C	41S2070				
1	Torch, gasoline, 1 quart	B	41T7545				
1	Vise, bench Class A, 3" jaws	B	41V242				
1	Wrench, open-end, 15° double-head, 7/16" to 1/2"	C	41W1000				
1	Wrench, open-end, 15° double-head, 9/16" & 5/8"	C	41W1005				
1	Wrench, open-end, 15° double-head, 5/8" & 3/4"	C	41W1008				
1	Wrench, open-end, 15° double-head, 3/4" & 13/16"	C	41W1012				
1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41W1019				
1	Wrench, open-end, 15° double-head, 1" to 1-1/8"	C	41W1024				
1 set	Wrenches, socket, medium duty, 1/4" to 1"	C	41W2997				
1	Wrench, pipe, adjustable, 10"	C	41W1552				
1 set	Wrenches, socket, hollow-shank	B	41W23425				
1 set	Wrenches, Setscrew (Allen #50 or equal)	B					

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 June 1945	1 March 1945	III	212E	RE IIA 100

14

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**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**AIRCRAFT CARRIERS - (SMALL)**

TYPE  
**CVL**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b>RADIO CENTRAL (RADIO I)</b>				<b>COMBAT INFORMATION CENTER</b>			
4	Model TDQ Series Transmitting Equipment	B		1	Model RBK Series Receiving Equipment	B	
4	Model RCK Series Receiving Equipments	B		2	Model RBW Series Panoramic Adapter	B	
3	Model RBA Series Receiving Equipments	B		2	Model RBS Series Receiving Equipments	B	
4	Model RBB Series Receiving Equipments	B		4	Type 23135 Control Units	B	
8	Model RBC Series Receiving Equipments	B		4	Type 23146 Key-Control Panels	B	
1	Model TBS Series Transmitting-Receiving Equipments	B		6	Type 23423 Radiophone Units	B	
1	Model RBV Series Panoramic Adaptor	B		4	Type 49029 Jackboxes	B	16B10050
1	Model RBV Series Panoramic Adaptor	B		6	Type 49620 Series Speaker-Amplifier Units	B	
1	Model LR Series Frequency Meter	R		2	Type 51019 Hand Telephone Assemblies	B	
8*	Type 25146 Key-Control Panels ✓	B		5	Type 49546 Loudspeaker Units	B	
1	Type 23183 Receiver Transfer Panel ✓	B		4	Type 51008 Hand Telephone Assemblies	B	
1	Type 23193 Transmitter Transfer Panel	B		4*	Type 51015 Extension Chest Set Assemblies	B	
1	Type 23205 Radiophone Transfer Panels	B		4	Type 24502 Selector Switches	B	
16*	Type 49029 Jackboxes	B	16B10050	1	Type 045/ARC Control Unit	B	
1	Type 23423 Radiophone Unit	B		15	Type 49029 Jackboxes	B	
1	Type 23135 Control Unit ✓	B		<b>AIR PLOT</b>			
1	Type 51019 Hand Telephone Assembly	B		2	Model RBS Series Receiving Equipments	B	
1	Type 23404 Antenna Transfer Panel	B		2	Type 23423 Radiophone Units	B	
<b>TRANSMITTER ROOM (RADIO II)</b>				2	Type 24502 Selector Switches	B	
1	Model TAJ Series Transmitting Equipment	B		2	Type 49029 Jackboxes	B	16B10050
1	Model TCK Series Transmitting Equipment	B		2	Type 49620 Series Speaker-Amplifier Units	B	
2	Model TCZ Series Transmitting Equipment	B		2	Type 23146 Key-Control Panels	B	
2	Model TOS Series Transmitting-Receiving Equipments	B		2	Type 49546 Loudspeaker Units	B	
1	Model RAK Series Receiving Equipment	B		1	Type 045/ARC Control Unit	B	
1	Model RAL Series Receiving Equipment	B		4	Type 49029 Jackboxes	B	
1	Model LM Series Frequency Meter	B		<b>FLAG PLOT</b>			
3	Model RBO Series Receiving Equipment	B		1	Model RBS Series Receiving Equipment	B	
2	Type 23146 Key-Control Panel	B		1	Type 23423 Radiophone Unit	B	
1	Type 23188 Receiver Transfer Panel	B		2	Type 23135 Control Units	B	
1	Type 23196 Transmitter Transfer Panel	B		2	Type 23135 Control Units	B	
1	Type 23208 Radiophone Transfer Panel	B		1	Type 49620 Series Speaker Unit	B	
1	Type 23407 Antenna Transfer Panel	B		2	Type 49546 Loudspeakers	B	
1	Type 49029 Jackbox	B	16B10050	2	Type 51019 Hand Telephone Assemblies	B	
<b>EMERGENCY RADIO STATION (RADIO III)</b>				<b>AUXILIARY C.I.C.</b>			
1	Model TCK Series Transmitting Equipment	B		1	Type 23423 Radiophone Unit	B	
2	Model TCZ Series Transmitting Equipment	B		2	Type 23135 Control Units	B	
1	Model RAK Series Receiving Equipment	B		1	Type 49546 Loudspeaker	B	
1	Model RAL Series Receiving Equipment	B		2	Type 49620 Series Speaker-Amplifier Unit	B	
1	Type 23146 Key-Control Panel	B		2	Type 49029 Jackboxes	B	
1	Type 23188 Receiver Transfer Panel	B		2			
1	Type 23201 Transmitter Transfer Panel	B		2			
1	Type 23208 Radiophone Transfer Panel	B		2			
1	Type 23407 Antenna Transfer Panel	B		2			
1	Type 23423 Radiophone Unit	B		2			
1	Model LM Series Frequency Meter	B		2			

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

\* = These type 49029 Jackboxes shall be modified by installing a telephone jack in lieu of the switch and by removing the present wiring. The modified jackboxes shall be installed at the status boards as monitoring outlets for the radio receiving circuits in the remote control units.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 November 1945	III	213A	RE IIA 100



<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">TYPE</td> </tr> <tr> <td style="text-align: center; font-size: 2em; font-weight: bold;">CVL</td> </tr> </table>	TYPE	CVL	INSTALLATION <b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b> FOR <b>AIRCRAFT CARRIERS - (SMALL)</b>
TYPE			
CVL			

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>AEROLOGICAL OFFICE</u>				<u>ELSEWHERE (CONT'D)</u>			
1	Model RAO Series Receiving Equipment	B		2	Model AN/ARC-1 Transmitting-Receiving Equipment*	F	
1	Model RBL Series Receiving Equipment	B					
1	Type 49546 Loudspeaker Unit	B		20	Type 49620 Series Speaker-Amplifier Units	B	
1	Model RAU Series Receiving Equipment	B					
<u>CHART HOUSE</u>				<u>ANTENNA SYSTEM</u>			
1	Model DAS Series Loran Equipment	B		2	Model TDQ Series Transmitting Equipment	B	
1	Type 49029 Jackbox	B	16B10050	2	Model RCK Series Receiving Equipments	B	
				2	Type 211649 M.G. Sets		
<u>YE TRANSMITTER ROOM</u>				<u>ANTENNA SYSTEM</u>			
1	Model YE Series Homing Equipment	B		6	Type 28006A Receiver Protective Units	B	
1	Model TBS Series Transmitting/Receiving Equipment	B		30*	Type 49123 Concentric Patchcord Assemblies	B	
				36*	Type 61493 Suspension Insulators	C	16I12145
				24*	Type 61479 Suspension Insulators	C	16I12105
				14*	Type 610190 Entrance Insulators	C	16I5951
				5*	Type 61475 Entrance Insulators	B	16I5975
				6	Type 63288 Static-Leak Resistors (1/2 megohm)	C	
1	Type 23135 Control Unit	B		70*	Type 61339 Pedestal Insulators	C	16I9838
1	Type 51019 Hand Telephone Assembly	B		10*	Type 61352 Anti-Corona Caps	B	
				60	Type 61395A Spacer Insulators	C	16I9720
				64*	Type 49120 Concentric Jacks	C	
				4	Type 66046 Vertical Antennas	B	
				7	Type 66047 Vertical Antennas	B	
				4	Type 61350 Antenna Supporting Insulators	B	16I4990
				7	Type 61335 Antenna Supporting Insulators	B	16I5040
				38*	Type 49120 Jack	C	
				1	Type 66053 Whip Type Antenna	B	
				1	Type 61428 Base Insulators	B	
				2	Type 66095 Antennas	B	
<u>OPEN BRIDGE</u>				<u>VISUAL FIGHTER DIRECTOR STATION</u>			
1	Type 23135 Control Units	B					
1	Type 23211 Radiophone Unit	B		1	Type 23211 Radiophone Unit	B	
1	Type 49620 Series Speaker Amplifier Unit	B		1	Type 49620 Series Speaker-Amplifier Unit	B	
2	Type 49546 Loudspeaker Units	B		1	Type 49546 Loudspeaker Unit	B	
2	Type 51019 Hand Telephone Assemblies	B					
1	Type JB-108 Switch	B					
<u>PILOT HOUSE</u>				<u>SECONDARY SHIP CONNING STATION</u>			
1	Model RBS Series Receiving Equipment	B		1	Type 23135 Control Unit	B	
				1	Type 51019 Hand Telephone Assembly	B	
<u>LANDING SIGNAL OFFICERS PLATFORM (AFT)</u>							
1	Type 23211 Radiophone Unit	B					
<u>ELSEWHERE</u>							
1	Model MBF Series Transmitting-Receiving Equipment	B					

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	213B	III	1 November 1945	1 December 1945

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**AIRCRAFT CARRIERS - ( SMALL )**

<b>TYPE</b>
<b>CVL</b>

QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER	QUANTITY	SONAR MATERIAL	TITLE	STOCK NUMBER
	<u>CVL 22-30</u>						
1	Large Air Search Radar	B		1	Model NM Series Sounding Equipment	B	
*1	Medium Air Search Radar	B					
1	Large Surface Search Radar (SGa or SG-1)	B					
2	Portable Surface Search Radar (SQ Series)	B					
1	Medium Fighter Director Radar (SP) (SM allowed in CVL 22)	B					
1	Model BL or BM Series Interrogator Responder	B					
+1	Model BM-1 Interrogator Responder	B					
+1	Model BO-1 Interrogator Responder	B					
1	Model BN Series Interrogator Responder	B					
3	Model BK Series Transponders	B					
2	Fire Control Radar Equipments MK29-2	B					
2	Fire Control Radar Equipments MK34-2	B					
	<u>RADAR REPEATERS</u>						
	Stations listed in order of priority. Preference of model indicated by order of listing.						
1	Model VF (CIC)	B					
1	Model VG Series (CIC)	B					
3	Model VK (or VS or VC-12 or VD) (CIC)	B					
1	Model VK (or VJ or VH or VD) (Open Bridge)	B					
1	Model VK (or VJ or VH or VD) (Flag Plot)	B					
1	Model VK (or VJ or VC-12 or VD) (Auxiliary CIC)	B					
					<u>RCM MATERIAL</u>		
3	Type CTZ-66ACG or CTZ-66AFJ Antennas	B		1	Model TDY-1 Transmitter	B	
2	Type CCL - 211018 Motor Generators	B		1	High Frequency Transmitter	B	
				1	Model RDO Series Receiver	B	
				1	Model RDJ Series Pulse Analyzer	B	
1	Model AN/CPN-6 Radar Beacon	B		1	Model RDP Series Panoramic Adapter	B	
8	Type 6V-SBM-15AH Storage Batteries	B	17B9490	1	Model AN/SPR-2 Receiver	B	
				1	Model DBM-1 D/F System	B	
				10	Type CAFJ-10-AEV Balloon Kits	B	
	<u>CVL 48-49 Only</u>						
2	Medium Air Search Radar SR and SR-2	B					
1	Large surface Search Radar SG-4	B					
1	Medium Surface Search Radar SU-2	B					
2	Portable Surface Search Radar (SQ)	B					
1	Medium Fighter Director Radar	B					
2	Model BM Series Interrogator Responder	B					
1	Model BM-1 Interrogator Responder	B					
2	Model BN Series Interrogator Responder	B					
1	Model BO-1 Interrogator Responder	B					
3	Model BK Series Transponders	B					
9	Fire Control Radar Equipment MK29-2	B					
5	Type CTZ-66ACG or CTZ-66AFJ Antennas	B					
2	Type CCL - 211018 Motor Generators	B					
1	Model AN/CPN-6 Radar Beacon	B					
4	Type 6V-SBM-15AH Storage Batteries	B	17B9490				
	<u>RADAR REPEATERS</u>						
	Same as above.						

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

\* = To be removed when SP is installed (CVL 30)  
 + = To be installed with SP.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	1 August 1945	III	2130	RE IIA 100

TYPE  
**CVL**

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
AIRCRAFT CARRIERS (SMALL)**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<b>TESTING EQUIPMENT</b>				<b>MISCELLANEOUS SPARES (Cont)</b>			
1	Model OAA-2 Echo Box	B		18	Type 61493 Suspension Insulators	C	16112145
1	Model OBU- 2, 3 Echo Box	B		12	Type 61479 Suspension Insulators	C	16112105
1	Model TS-270/UP Echo Box	B		3	Type 61019C Entrance Insulators	B	1615951
1	Model AN-UPM-2 Frequency Meter	B		1	Type 61475 Entrance Insulator	B	1615975
1	Model OA P Series Frequency Meter	B		1	Type 61476 Insulator Bowl	C	16114050
1	Model TS-33/AP Frequency Meter	B		3	Type 61234A Insulator Bowls	C	16114025
1	Model TS-173/UR Frequency Meter	B		1	Type 61335 Antenna Supporting Insulator	B	1615040
1	Model TS-182/UP Frequency Meter	B		14	Type 61339 Pedestal Insulators	C	1619838
1	Model TS-120/UP, Test Set (Sig.Gen.)	B		1	Type 61350 Antenna Supporting Insulator	B	1614990
2	Model TS-62/AP Echo Box	B		54	Type 61395A Spacer Insulators	C	1619720
2	Model OBL Series Oscilloscopes	B		1	Type 66046 Vertical Antenna	B	
1	Model OBT Series Oscilloscopes	B		1	Type 66047 Vertical Antenna	B	
1	Model TS-28/UP, Synchroscope	B		4	Type 61428 Base Insulator	B	
1	Model TS-34A/UP, Oscilloscopes	B		1	Type 66053 Whip-Type Antenna	B	
1	Model LAE Series Signal Generator	B		300 ft	7-#18 Bronze Antenna Wire	C	16W3740
1	Model LAF Series Signal Generator	B		300 ft	5/16" dia. (6x19) Bronze Wire Rope	C	22R200
1	Model LAG Series Signal Generator	B		200 ft	7/16" dia. (6x19) Bronze Wire Rope	C	22R210
1	Model LO Series Signal Generator	B		2*	Type 51015 Chest Microphone Assemblies	B	
1	Model LP Series Signal Generator	B					
1	Model 41 OCD Series Pulsar	B					
1	Model TS-35A/AP Signal Generator	B					
1	Model TS-331/UR Signal Generator	B					
1	Model OAW Series Tube Tester	B					
3	Model OX Series Tube Testers	B					
1	Model AN/UPM-1b Osc., WM Scope	B		6	Blades, hacksaw, type "B", 18 teeth	C	41B1163
1	Model 2 Synchrotester	B		1	Blades, hacksaw, type "B", 32 teeth	C	41B1164
3	Model OBQ VT Volt Ohm Milliammeter	B		6	Drill, Portable Electric 1/4" Cap	B	40D341
2	Model OCR Series Volt Ohm Milliammeter	B		1	Blower, portable, electric	B	17B21185
1	Model OF Series Field Strength Meter	B		2	Chisels, machinists', hand, 1/4"	C	41C1052
2	Model TS-89/AP Voltage Dividers	B		2	Chisels, machinists', hand, 3/8"	C	41C1062
1	Model TS-268/U Crystal Test Set	B		1	Cutter, circle, 1" to 5-1/2", 1/2" round shank (Pawood #5 or equal)	C	-
1	Model TS-358/UP Range Callibrator	B		1	Drill, hand, 3/8" capacity	C	41D1828
9	Model OCW Series Meggers	B		1	Drill, breast, 1/2" capacity	B	41D1663
2	Type 10223 Repair Kits	B		1 set	Drills, twist, carbon-steel, type "K"	B	40D1250
2	Type 60007 C & R Bridge	B		2	Files, flat, 6"	C	41F870
1	Type 60089 VT Mighometer	B		2	Files, flat, 8"	C	41F872
1	Type 10498 Terminal Kits	B		2	Files, flat, 10"	C	41F874
2	Model TS-311A/UP Echo Box	B		1	Frame, hacksaw, adjustable	C	41F3390
1	Type 60 ABM Frequency Meter (for each four (4) or less MK 28)	B		1	Hammer, machinists', 1/2 lb.	C	41H521
1	Model AN/UPA-1, Detector Amplifier Assembly	B		1	Iron, soldering, electric, light duty	B	41I688
				1	Iron, soldering, electric, medium duty	B	41I691
				1	Iron, soldering, electric, heavy duty	B	41I685
	<b>MISCELLANEOUS EQUIPMENT AND MATERIAL</b>			3	Pliers, combination, slip-joint, 6"	C	41P1631
2	Model OAH Series Code Practice Sets	B		3	Pliers, combination, slip-joint, 8"	C	41P1633
1	Model TBX Series Transmitting-Receiving Equipment	B		3	Pliers, diagonal cutting, 4"	C	41P1710
2	Model MAW Series Transmitting-Receiving Equipment	B		3	Pliers, diagonal cutting, 6"	C	41P1714
1	Model TBY Series Transmitting-Receiving Equipment	B		3	Pliers, round nose, short, 4"	C	41P1910
				3	Pliers, round nose, short, 6"	C	41P1914
22	Type 49016 Head Telephone Assemblies	B	16H3930	3	Pliers, side cutting, flat nose, 6"	C	41P1974
4*	Type 51018 Chest Microphone Assemblies	B	16M2098	3	Pliers, side cutting, flat nose, 8"	C	41P1977
4*	Type 51015 Chest Microphone Assemblies	B		3	Pliers, long nose, 6"	C	41P1991
				2	Pliers, phone-tip, type 49112	B	16P
				2	Punches, center, 3/8"	C	41T3185
				1	Pliers, electric, "Thermagrip" 2"	B	-
				1	Shears, hand, type "B"	C	41S2798
				4	Screwdrivers, common, 3" blade	C	41S1101
				4	Screwdrivers, common, 4" blade	C	41S1102
				2	Screwdrivers, common, 6" blade	C	41S1104
				2	Screwdrivers, common, 8" blade	C	41S1106
10	Type 49016 Head Telephone Assemblies	B	16H3930	2	Screwdrivers, common, 12" blade	C	41S1110
2*	Type 49120 Jacks	B		2	Screwdrivers, slim-shank, 6" blade	C	41S1156

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	213D	III	1 August 1945	1 November

FITTING - OIJT

**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
AIRCRAFT CARRIERS (SMALL)**

TYPE

CVL

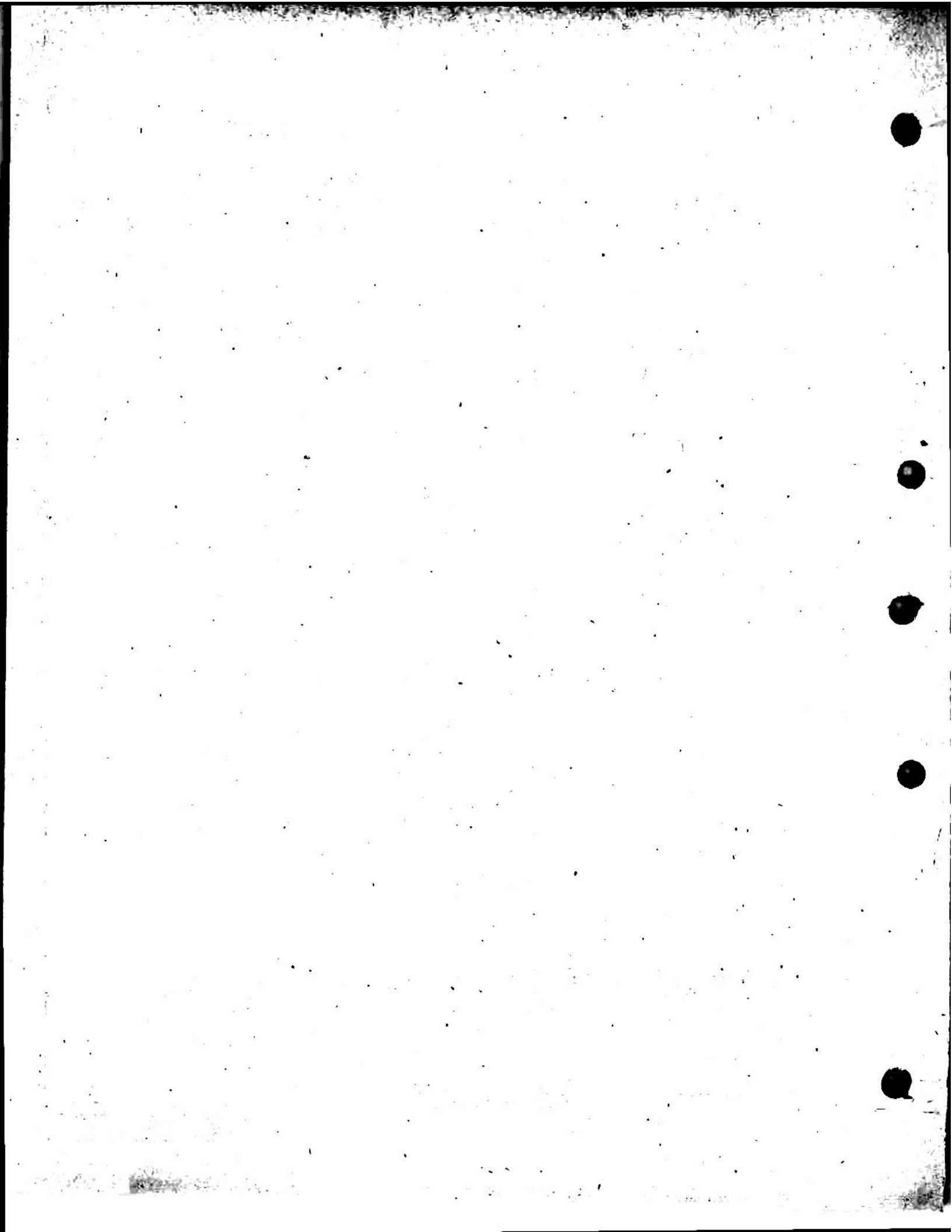
QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<u>TOOLS (Continued)</u>						
1	Screwdriver, Phillips, 3" blade #1point	C	41S164515				
1	Screwdriver, Phillips, 4" blade #2point	C	41S164520				
1	Screwdriver, Phillips, 8" blade #4point	C	41S164530				
1	Scriber, machinists', 9"	C	41S2030				
1	Torch, gasoline, 1 quart	C	41T3645				
1	Vise, bench, 3" jaws Class A	B	41V242				
1	Wrench, open-end, 15° double-head, 7/16" & 1/2"	C	41W1000				
1	Wrench, open-end, 15° double-head, 9/16" & 5/8"	C	41W1005				
1	Wrench, open-end, 15° double-head, 5/8" & 3/4"	C	41W1008				
1	Wrench, open-end, 15° double-head, 3/4" & 13/16"	C	41W1012				
1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41W1019				
1	Wrench, open-end, 15° double-head, 1" & 1-1/8"	C	41W1024				
1	Wrench, open-end, 15° double-head, 1-1/8" & 1-1/4"	C	41W1026				
1	Wrench, open-end, 15° double-head, 1-5/16" & 1-1/2"	C	41W1032				
1 set	Wrenches, socket, medium duty 1/4" to 1"	C	41W2997				
1	Wrench, pipe, adjustable, 10"	C	41W1652				
1 set	Wrenches, socket, hollow-shank (Stevens "Spintite" #T-73 or equal)	C	-				
1 set	Wrenches, setscrew (Allen #604 or equal)	B	-				

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 June 1945	1 May 1945	III	213E	RE IIA 100





**INSTALLATION  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
DESTROYERS**

**TYPE  
DD-66  
- 347**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<b><u>RADIO CENTRAL</u></b>				<b><u>PILOT HOUSE (Cont.)</u></b>		
1	Model RBA Series Receiving Equipment	B		1	Type 51019 Hand Telephone Assembly	B	
1	Model RBB Series Receiving Equipment	B		1	Type 21172 Radiophone Unit	B	
1	Model TCS Transmitting Receiving Equipment	B		1	Type 49131 Series Speaker-Amplifier Unit	B	
1	Model AN/ARC Series Transmitting Equipment	B					
1	Model RBC Series Receiving Equipment	B					
1	Model RBO Series Receiving Equipment	B					
1	Model TBL Series Transmitting Equipment	B					
1	Model TBS Series Transmitting-Receiving Equipment	B					
1	Model LM Series Frequency Meter	B		1	Type 49029 Jackbox	B	16B10050
1	Type 23135 Control Unit	B					
2	Type 23005A Key-Control Panels	B					
1	Type 23032A-9 Transmitter Transfer Panel	B					
1	Type 23034-9 Receiver Transfer Panel	B					
4	Type 49029 Jackboxes	B	16B10050				
1	Type 50064 Modulator Equipment	B					
1	Type 51019 Hand Telephone Assembly	B					
1	Type 21156 Motor-Generator Control Panel	B					
	<b><u>EMERGENCY RADIO STATION</u></b>				<b><u>CHART HOUSE</u></b>		
1	Model RAO Series Receiving Equipment	B					
1	Model RBL Series Receiving Equipment	B					
1	Model TDE Series Transmitting Equipment	B					
1	Type 23005A Key-Control Panel	B					
2	Type 49029 Jackboxes	B	16B10050				
1	Type 23032A-6 Transmitter Transfer Panel	B					
1	Type 23034-6 Receiver Transfer Panel	B					
	<b><u>DIRECTION FINDER STATION</u></b>				<b><u>ANTENNA SYSTEM</u></b>		
1	Model DP Series Direction Finding Equipment	B		5	Type 28006A Receiver Protective Units	B	
1	Type 23005A Key-Control Panel	B		8*	Type 61493 Suspension Insulators	C	16I12145
1	Type 49029 Jackbox	B	16B10050	12*	Type 61479 Suspension Insulators	C	16I12105
				8*	Type 61019C Entrance Insulators	B	16I5951
				2*	Type 61475 Entrance Insulators	B	
				25*	Type 61174B Pedestal Insulators	C	16I9829
				5*	Type 61339 Pedestal Insulators	C	16I9838
				2*	Type 61175A Pedestal Insulators	C	16I9832
				6	Type 63288 Static-Leak Resistors	C	
				1	Type 23206 Antenna Switch	B	
				2	Type 61352 Anti-Corona Caps	B	
					<b><u>ELSEWHERE</u></b>		
				#1	Model DAQ Series Direction Finding Equipment	B	
				4	Type 49131 Series Speaker-Amplifier Units	B	
				2	Type 21821 Motor-Generator Units	B	
				1	Type 21207A Motor-Generator Unit	B	
					<b><u>SQUADRON COMMANDERS QUARTERS</u></b>		
				1	Model REE Series Receiver		
	<b><u>PILOT HOUSE</u></b>						
1	Model RMH Series Receiving Equipment	B					
1	Type 23135 Control Unit	B					
1	Type 23005A Key-Control Panel	B					
2	Type 49155 Loudspeaker Unit	B					
1	Type 49029 Jackbox	B	16B10050				

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	1 Nov 1945	III	220A	RE IIA 100

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">TYPE</td></tr> <tr><td style="text-align: center; font-size: 24px; font-weight: bold;">DD</td></tr> <tr><td style="text-align: center;">66-347</td></tr> </table>	TYPE	DD	66-347	INSTALLATION <b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b> FOR <b>DESTROYERS</b>
TYPE				
DD				
66-347				

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
				1	Medium Air Search Radar	B	
				1	Small or one Medium Surface Search Radar (SF or SL Series)	B	
				1	Model BL or BM Series Interrogator Responzor	B	
				1	Model BN Series Interrogator Responzor	B	
				2	Model BK Series Transpondors	B	
					No Fire Control Equipment Allowed No Radar Repeaters Allowed		
				*2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B	
				1	Type CCL - 211014 Motor Generator	B	
				4	Type 6V-8BM-15AH Storage Batteries	B	17B9490
					<b>SONAR MATERIAL</b>		
					Retain ranging equipment presently installed unless beyond economical repair		
				1	Model NJ Series Sounding Equipment	B	
				1	Range Recorder	B	
				*1	Bathy-Thermograph	B	
					<b>RCM MATERIAL</b>		
				1	Model RDO Series Receiver	B	
				1	Model RDJ Series Pulse Analyzer	B	
				1	Model RDP Series Panoramic Adapter	B	
				1	Model AN/SPR-2 Receiver	B	
				1	Model DBM-1 D/F System	B	
					(Not to be installed until specific instructions are received from the Bureau).		

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

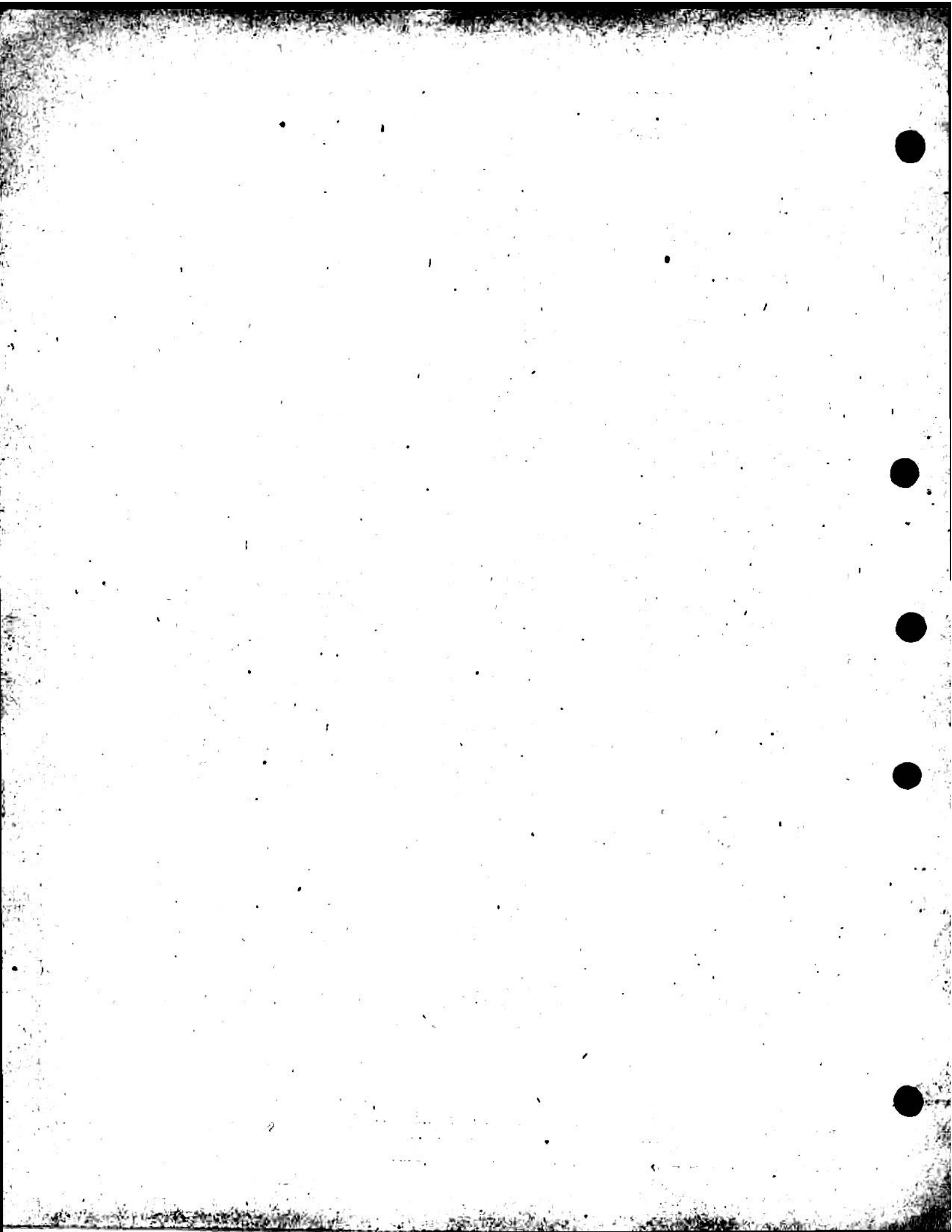
\* = Assigned by Commander Service Forces and Type Commanders.

+ = One additional if Air Search Antenna does not include IFF Array.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	220B	III	1 May 1945	1 November 1945





**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**DESTROYER**

**TYPE**  
**DD**  
**348**  
**ET.SEQ**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<b><u>RADIO CENTRAL</u></b>				<b><u>COMBAT INFORMATION CENTER</u></b>		
1	Model RBA Series Receiving Equipment	B		1	Model RBS Series Receiving Equipment	B	
1	Model RBB Series Receiving Equipment	B		1	Type 23135 Control Unit	B	
1	Model RBC Series Receiving Equipment	B		1	Type 51019 Hand Telephone Assembly	B	16T700
1	Model RAK Series Receiving Equipment	B		2	Type 49546 Loudspeaker Units	B	
1	Model RAL Series Receiving Equipment	B		1	Type 23146 Key Control Panel	B	
1	Model RBO Series Receiving Equipment	B		1	Type 49029 Jackbox	B	16B10050
1	Model RBK Series Receiving Equipment	B		3	Type 23423 Radiophone Units	B	
1	Model RCK Series Receiving Equipment	B		4	Type 49620 Speaker-Amplifier Units	B	
x2	Model RBS Series Receiving Equipments	B		3	Type 51008 Hand Telephone Assembly	B	
1	Model TBL Series Transmitting Equipment	B		1	Type 51032 Hand Telephone Assembly	B	
1	Model TDQ Series Transmitting Equipment	B		3	Type 24502 Rotary Selector Switch	B	
1	Model TCS Series Transmitting-Receiving Equipment	B		1	Type 23285 Control Unit	B	
1	Model MN Series Transmitting-Receiving Equipment	B		1	Type 49175 Loudspeaker Unit	B	
1	Model TBS Series Transmitting-Receiving Equipment	B		1	Type 49578 Microphone Jack	B	
Ø1	Model SCR 608 Transmitting-Receiving Equipment	B		1	Model RCK Series Receiving Equipment	B	
x2	Model AN/ARC-1 Transmitting-Receiving Equipment	B		1	Type 49618 Telephone Receptacles	B	
1	Model LM Series Frequency Meter	B		1	Type 50210 Amplifier Unit	B	
+1	Model TDZ Transmitter	B		1	<b><u>PILOT HOUSE</u></b>		
++2	Model RDZ Receiver	B		1	Model MBF Transmitting-Receiving Equipment	B	
4*	Type 23146 Key-Control Panels	B		1	Type 23285 Control Unit	B	
6	Type 49063 Jackboxes	B	16B10010	1	Type 51032 Hand Telephone Assembly	B	
1	Type 49029 Jackboxes	B	16B10050	1	Type 49175 Loudspeaker Units	B	
1	Type 50064 Modulator Equipment	B		1	Type 23423 Radiophone Unit	B	
1	Type 23135 Control Unit	B		1	Type 49620 Speaker-Amplifier Unit	B	
1	Type 51019 Hand Telephone Assembly	B	16T700	1	Type 23135 Control Unit	B	
2	Type 28002 Resistor Clips	C	16C20023	1	Type 51019 Hand Telephone Assembly	B	16T700
1	Type 631023, 3150 ohm, 10 watt, Type E Resistor	C	16R18230	2	Type 49546 Loudspeaker Unit	B	
1	Type 23187 Receiver Transfer Panel	B		1	Type 50210 Amplifier Unit	B	
1	Type 23199 Transmitter Transfer Panel	B			<b><u>SQUADRON COMMANDERS QUARTERS</u></b>		
1	Type 23209 Radiophone Transfer Panel	B		1	Model REE Receiver	B	
1	Type 20350 Rectifier Power Unit	B			<b><u>OPEN BRIDGE</u></b>		
	<b><u>EMERGENCY RADIO STATION</u></b>			2	Type 49618 Telephone Receptacles	B	
1	Model RAK Series Receiving Equipment	B		2	Type 49546 Loudspeaker Units	B	
1	Model RAL Series Receiving Equipment	B			<b><u>DIRECTOR PLATFORM</u></b>		
1	Model TBL Series Transmitting Equipment	B		1	Type 23211 Radiophone Unit	B	
1	Type 50064 Modulator Equipment	B			<b><u>CHART HOUSE</u></b>		
2	Type 28002 Resistor Clips	C	16C20023		Type 49029 Jack Box	B	
1	Type 631023, 3150 ohm, 10 Watt, Type E, Resistor	C	16R18230				
1	Type 23146 Key-Control Panel	B					
1	Type 49063 Jackbox	B	16B10010				
1	Type 23190 Receiver Transfer Panel	B					
1	Type 23204 Transmitter Transfer Panel	B					
1	Model TCS Series Transmitting-Receiving Equipment	B					
2	Type 6V 5NB 100-AH Storage Batteries	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

- x = Applicable to Division Fighter Director Ships Only.
- Ø = One (1) Additional for Division Fighter Director Ships.
- + = One (1) Additional for Fleet, Flotilla and Squadron flags.
- ++ = Two (2) Additional for Fleet, Flotilla and Squadron Flags.
- ## = Three (3) Additional for Division Fighter Director Ships.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	10 July 1945	III	221A	RE IIA 100



TYPE  
**DD**  
**348**  
**ET.SEQ**

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**DESTROYER**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
	<u>ELSEWHERE</u>				<u>FIRE CONTROL RADAR EQUIPMENT</u>		
#1	Model DAU Series Direction Finding Equipment	B					
#1	Type 23135 Control Unit	B		1	Fire Control Radar Equipment MK4 (Allowed in 1500 T class, 1620 T class and 1630 T class) to be replaced by MK26-0/3	B	
#1	Type 51019 Hand Telephone Assembly	B	16T700				
#1	Type 49546 Loudspeaker Unit	B					
5	Type 49620 Speaker-Amplifier Units	B		1	Fire Control Radar Equipment MK12	B	
1	Model DAS Series Loran Equipment	3		1	Fire Control Radar Equipment MK22	B	
					(Above MK12 and MK22 allowed in 2100T and 2200 T classes replacing MK4)		
	<u>ANTENNA SYSTEM</u>			2	Fire Control Radar Equipments MK34-2 (Allowed in 1550 T class, 445 class, 692 class) Interim installations may be MK26-2.	B	
6*	Type 28006A Receiver Protective Units	B	16P8500				
6*	Type 61471 Entrance Insulators	B					
6*	Type 63288 Static Leak Resistors	C	16R18225				
12*	Type 61493 Suspension Insulators	C	16I12145	1	Fire Control Identification Radar Mk 32, Mod 1 (DD692 and 445 Class Only)	B	
10*	Type 61479 Suspension Insulators	C	16I12105				
32*	Type 49120 Concentric Jacks	C	16J1200				
14*	Type 49123 Concentric Patchcord Assemblies	B					
2*	Type 61475 Entrance	B					
2*	Type 61019C Entrance Insulators	B	16I5951				
10*	Type 61339 Pedestal Insulators	C	16I9838				
4*	Type 61175A Pedestal Insulators	C	16I9832				
1	Type 66143 Antenna Assembly	B					
\$2	Type 66095 Antenna Assemblies	B					
					<u>SONAR MATERIAL</u>		
	<u>RADAR MATERIAL</u>			#1	Model QGA Ranging Equipment	B	
				&1	Model QGB/QJB Ranging Equipment	B	
				1	Model NM Series Sounding Equipment	B	
				1	Range Recorder	B	
				+1	Bathy-Thermograph	B	
				#1	Type CQJ 51061 Indicating Monitor	B	
					Hydrophone	B	
				#1	Type CQJ 55162 Tuning Indicator	B	
					<u>RCM MATERIAL</u>		
	<u>SEARCH AND IFF RADAR</u>			1	Model TDY-1 Transmitter	B	
1	Medium Air Search Radar	B		1	Model RDO Series Receiver	B	
1	Large Surface Search Radar	B		1	Model RDJ Series Pulse Analyzer	B	
1	Model BL or BM Series Interrogator Responder	B		1	Model RDP Series Panoramic Adapter	B	
1	Model BN Series Interrogator Responder	B		1	Model AN/SPR-2 Receiver	B	
2	Model BK Series Transponders	B		1	Model DEM-1 D/F System	B	
2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B			(Above RCM Material allowed in 445 and 692 Class Destroyers only).		
1	Type CCL - 211018 Motor Generator	B					
4	Type 6V-8BM-15AH Storage Batteries	B	17B9490				
	<u>RADAR REPEATERS</u>						
	Stations listed in order of priority. Preference of model indicated by order of listing.						
1	Model WF (CIC)	B					
#1	Model VK (VJ or VG-12" Tube or VD)(CIC)	B					
#1	Model VH (or VD Series)(Open Bridge)	B					
1	Model VK (VJ or VG-12" tube or VDK Bridge)	B					

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

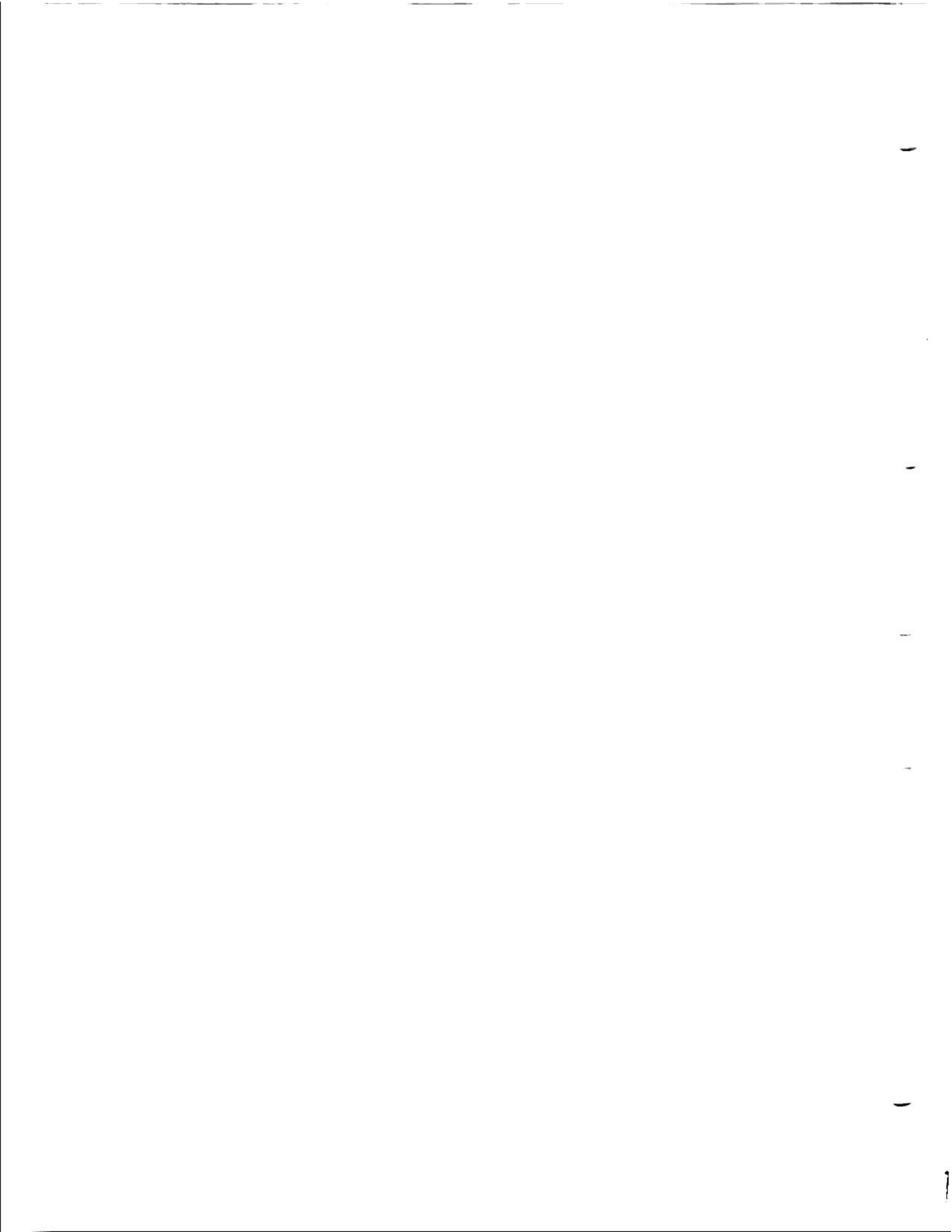
SPECIAL EXCEPTIONS AND REMARKS

- \* = To be removed when MK 4 is replaced by MK 26-0/3.
- & = Not Allowed in 692 class.
- # = Allowed only in 445 and 692 class.
- + = Applicable only to specifically designated vessels.
- ## = Not allowed in 1500 T class, 1620 T class, 1630 T class, or 445 class.
- 1 = 692 class only.
- + = Assigned by Commander Service Forces and Type Commanders.
- \$ = For Fighter Director Ships Only.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	221B	III	10 July 1945	1 August 1945





INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**DESTROYER RADAR PICKETS (692 CLASS)**

TYPE  
**DD**  
**RADAR**  
**PICKETS**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO CENTRAL</u>				<u>COMBAT INFORMATION CENTER</u>		
1	Model RBA Series Receiving Equipment	B		1	Model RBS Series Receiving Equipment	B	
1	Model RBP Series Receiving Equipment	B		1	Type 23135 Control Unit	B	
1	Model RBC Series Receiving Equipment	B		1	Type 51019 Hand Telephone Assembly	B	
1	Model RAK Series Receiving Equipment	B		2	Type 49546 Loudspeaker Units	B	
1	Model RAL Series Receiving Equipment	B		1	Type 23146 Key Control Panel	B	
1	Model RBO Series Receiving Equipment	B		12	Type 49029 Jackbox	B	
1	Model RPK Series Receiving Equipment	B		3	Type 23423 Radiophone Units	B	
1	Model RCK Series Receiving Equipment	B		4	Type 49620 Speaker-Amplifier Units	B	
1	Model RBS Series Receiving Equipments	B		3	Type 51008 Hand Telephone Assembly	B	
1	Model RBO-2 Receiving Equipment	B		1	Type 51032 Hand Telephone Assembly	B	
1	Model RAO Series Receiving Equipment	B		3	Type 24502 Rotary Selector Switch	B	
1	Model TDQ Series Transmitting Equipment	B		1	Type 23285 Control Unit	B	
1	Model TBL Series Transmitting Equipment	B		1	Type 49175 Loudspeaker Unit	B	
1	Model MN Series Transmitting-Receiving Equipment	B					
1	Model TBS Series Transmitting-Receiving Equipment	B					
1	Model TCS Series Transmitting-Receiving Equipment	B					
1	Model SCR-608 Transmitting-Receiving Equipment	B			<u>PILOT HOUSE</u>		
2	Model AN/ARC-1 Transmitting-Receiving Equipment	B		1	Model MBF Transmitting-Receiving Equipment	B	
1	Model LM Series Frequency Meter	B		1	Type 23285 Control Unit	B	
*1	Model TDZ Transmitter	B		1	Type 51032 Hand Telephone Assembly	B	
+2	Model RDZ Receivers	B		1	Type 49175 Loudspeaker Unit	B	
1	Type 23224 Dual Key-Control Panel	B		1	Type 23423 Radiophone Unit	B	
3	Type 23146 Key-Control Panels	B		1	Type 49620 Speaker-Amplifier Unit	B	
1	Type 49063 Jackbox	B		1	Type 23135 Control Unit	B	
6	Type 49029 Jackboxes	B		1	Type 51019 Hand Telephone Assembly	B	
1	Type 50064 Modulator Equipment	B		2	Type 28002 Resistor Clips	B	
1	Type 23135 Control Unit	B		1	Type 631023, 3150 ohm, 10 watt, Type E Resistor	B	
1	Type 51019 Hand Telephone Assembly	B					
2	Type 28002 Resistor Clips	B			<u>SQUADRON COMMANDERS QUARTERS</u>		
1	Type 631023, 3150 ohm, 10 watt, Type E Resistor	B					
1	Type 23187 Receiver Transfer Panel	B		1	Model REE Receiver	B	
1	Type 23199 Transmitter Transfer Panel	B					
1	Type 23209 Radiophone Transfer Panel	B					
3	Type 20350 Rectifier Power Unit	B					
	<u>EMERGENCY RADIO STATION</u>				<u>OPEN BRIDGE</u>		
1	Model RAK Series Receiving Equipment	B		2	Type 49618 Telephone Receptacles	B	
1	Model RAL Series Receiving Equipment	B		2	Type 49546 Loudspeaker Units	B	
1	Model TBL Series Transmitting Equipment	B					
1	Type 50064 Modulator Equipment	B					
2	Type 28002 Resistor Clips	B			<u>DIRECTOR PLATFORM</u>		
1	Type 631023, 3150 ohm, 10 watt, Type E Resistor	B		1	Type 23211 Radiophone Unit	B	
1	Type 23146 Key-Control Panel	B					
1	Type 49063 Jackbox	B					
1	Type 23190 Receiver Transfer Panel	B					
1	Type 23204 Transmitter Transfer Panel	B					
1	Model TCS Series Transmitting-Receiving Equipment (Battery Powered)	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

\* = One additional for Squadron Flags.

+ = Two additional for Squadron Flags.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	1 June 1945	III	222A	RE IIA 100

**TYPE**  
**DD**  
**RADAR**  
**PICKETS**

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**DESTROYER RADAR PICKETS (692 CLASS)**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
	<u>ELSEWHERE</u>				<u>SEARCH AND IFF RADAR</u>		
1	Model DAS Series Loran Equipment	B		1	Medium Air Search Radar	B	
1	Model TDQ Series Transmitting Equipment	B		1	Large Surface Search Radar Model SQ-1b	B	
1	Model RCK Series Receiving Equipment	B		1	Medium Fighter Director Model SP	B	
1	Model YG Series Homing Equipment	B		1	Model BL or EM Series Interrogator Resp.	B	
	<u>ANTENNA SYSTEM</u>			1	Model BO Series Interrogator Responder	B	
6	Type 28006A Receiver Protective Units	B		1	Model BM-1 Interrogator Responder	B	
6	Type 61471 Entrance Insulators	B		1	Model BN Series Interrogator Responder	B	
6	Type 63288 Static Leak Resistors	B		2	Model BK Series Transponders	B	
12	Type 64193 Suspension Insulators	B		3	Type CTZ 66ACG or CTZ 66AFJ Antennas	B	
10	Type 61479 Suspension Insulators	B		1	Type CGL 211018 Motor Generator	B	
32	Type 49120 Concentric Jacks	B		4	Type 6V-SBM-15AH Storage Batteries	B	
14	Type 49123 Concentric Patchcord Assemblies	B			<u>RADAR REPEATERS</u>		
2	Type 61475 Entrance Insulators	B			Stations listed in order of Priority.		
2	Type 61019C Entrance Insulators	B			Preference of model indicated by order of listing.		
10	Type 61339 Pedestal Insulators	B		1	Model VF (CIC)	B	
4	Type 61175A Pedestal Insulators	B		2	Model VK (or VJ or VC 12" tube or VD(CIC)	B	
2	Type 66095 Antenna Assembly	B		1	Model VH or VD Series (Open Bridge)	B	
1	Type 66143 Antenna Assembly	B		1	Model VK (or VJ or VC 12" tube or VD) (Pilot House)	B	
					<u>FIRE CONTROL RADAR EQUIPMENT</u>		
				1	Fire Control Radar Equipment Mark 12 (Main Battery)	B	
				1	Fire Control Radar Equipment Mark 22 (Main Battery)	B	
				2	Fire Control Radar Equipment Mark 34-2 (Heavy Machine Gun Battery) Interim Installation may be Mk 28-2.	B	
				1	Fire Control Radar Equipment Mark 32.	B	
					<u>SONAR MATERIAL</u>		
				1	Model QGA Ranging Equipment	B	
				1	Model NM Series Sounding Equipment	B	
				1	Range Recorder	B	
				1	Bathy-Thermograph	B	
				1	Type CQJ 51061 Indicating Monitor Hydrophone	B	
				1	Type CQJ 55162 Tuning Indicator	B	
					<u>RCM MATERIAL</u>		
				1	Model TDY-1 Transmitter	B	
				1	Model RDO Receiver	B	
				1	Model RDJ Pulse Analyzer	B	
				1	Model RDP Panoramic Adapter	B	
				1	Model AN/SPR-2 Receiver	B	
				1	Model DBM-1 D/F System	B	

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

\* = Assigned by Commander Service Forces and Type Commanders.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSDES SHEET DATED	SHEET ISSUED
RE IIA 100	222B	III	1 June 1945	1 August 1945



FITTING - OUT

TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
DESTROYER RADAR PICKETS (692 CLASS)

TYPE  
**DD**  
RADAR  
PICKETS

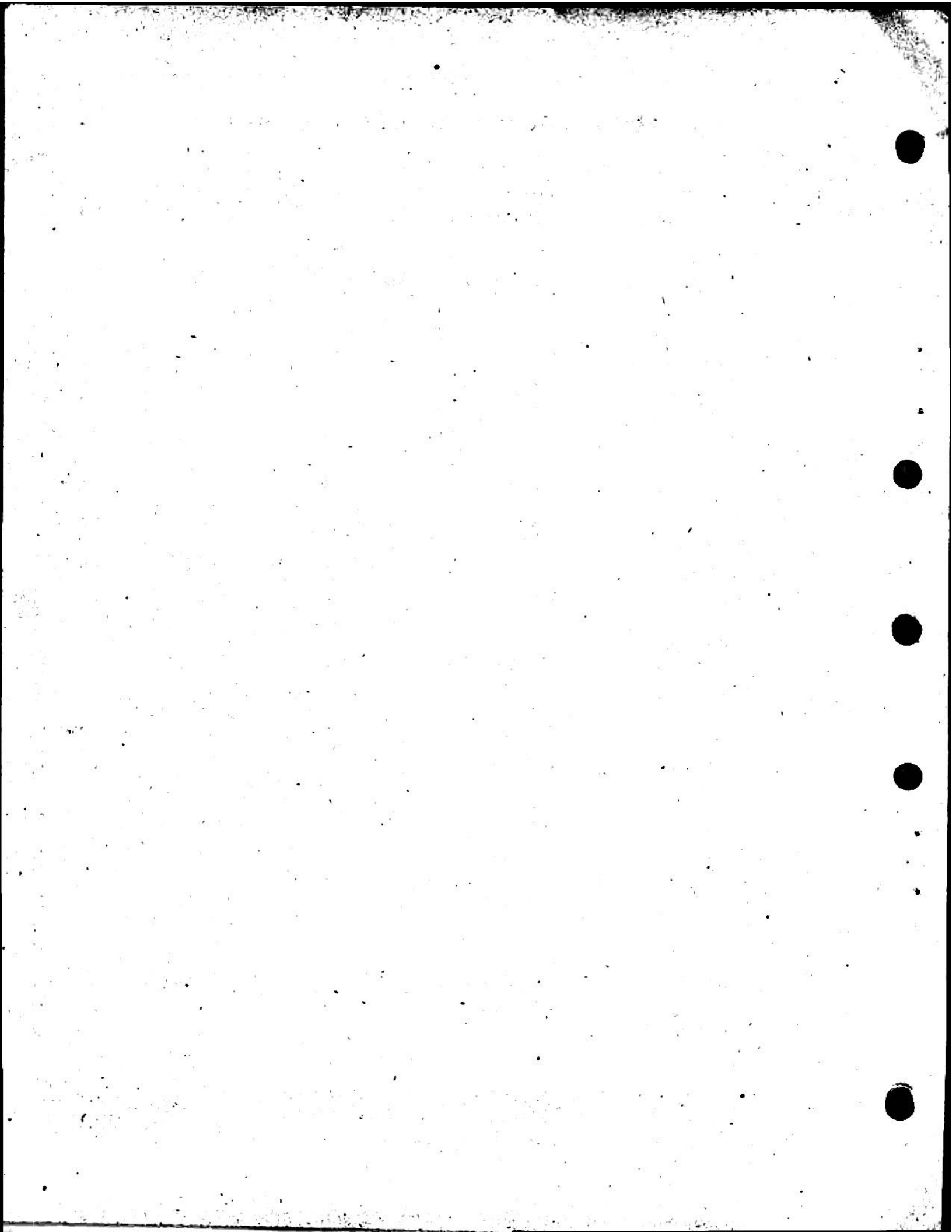
QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>MISCELLANEOUS SPARES (Cont'd)</u>			
1	Model OAA-2 Echo Box	B		150 ft	5/16" dia. (6x19) Bronze Wire Rope	C	22R200
1	Model OBU-2, 3 Echo Box	B		150 ft	7/16" dia. (6x19) Bronze Wire Rope	C	22R210
1	Model TS-270/UP Echo Box for each SP)	B		2	Type 61471 Entrance Insulators		
1	Model TS-349/UP Echo Box	B		.2	Type 61234A Insulator Bowls	C	
	(For each four or less MK 12)						
1	Model AN/UPM-2 Frequency Meter	B					
1	Model OAF Series Frequency Meter	B					
1	Model TS-33/AP Frequency Meter	B					
1	Model TS-173/UR Frequency Meter	B					
1	Model TS-182/UP Frequency Meter	B					
1	Type 60 ABM Frequency Meter	B					
2	Model OEL Series Oscilloscopes	B		6	Blades, hacksaw, type "B", 15 teeth	C	41B1163
1	Model OBT Series Oscilloscope	B		6	Blades, hacksaw, type "B", 32 teeth	C	41B1164
1	Model TS-34A/UP Synchronoscope	B		1	Chisel, machinists', hand, 1/4"	C	41G1052
1	Model LAF Series Signal Generator	B		1	Chisel, machinists', hand 3/8"	C	41G1062
1	Model LAG Series Signal Generator	B		1	Cutter, circle, 1" to 5-1/2", 1/2" round shank (Pawood #5 or equal)	C	
1	Model LO Series Signal Generator	B		1	Drill, hand, 3/8" capacity	C	41D1828
1	Model LP Series Signal Generator	B		1	Drill, breast, 1/2" capacity	B	41D1663
1	Model OGD Series Pulsar	B		1 set	Drills, twist, carbon-steel, type "K"	B	40D1250
1	Model TS-35A/AP Signal Generator	B		1	File, flat, 6"	C	41F870
1	Model TS-331/UR Signal Generator	B		1	File, flat, 8"	C	41F872
1	Model OAW Series Tube Tester	B		1	File, flat, 10"	C	41D874
2	Model OZ Series Tube Tester	B		1	Frame, hacksaw, adjustable	C	41F3390
1	Mark 2 Synchro Tester	B		1	Hammer, machinists', 1/2 lb.	C	41H521
1	Model OAX Sonar Monitor	B		1	Iron, soldering, electric, light duty	B	41I688
2	Model OBQ VT Volt Ohm Milliammeter	B		1	Iron, soldering, electric, medium duty	B	41I691
1	Model OCR Volt-Ohm-Ma	B		1	Pliers, combination, slip-joint, 6"	C	41P1631
1	Model OF Field Strength Meter	B		1	Pliers, combination, slip-joint, 8"	C	41P1633
1	Model TS-59/AP Voltage Divider	B		1	Pliers, diagonal cutting, 4"	C	41P1710
1	Model TS-268/U Crystal Test Set	B		1	Pliers, diagonal cutting, 6"	C	41P1714
1	Model TS-358/UP Range Calibrator	B		1	Pliers, round nose, short, 4"	C	41P1910
1	Model OCW Series Megger	B		1	Pliers, round nose, short, 6"	C	41P1914
6	Type 10223 Repair Kits	B		1	Pliers, side cutting, flat nose, 6"	C	41P1974
1	Type 60007 C & R Bridge	B		1	Pliers, side cutting, flat nose, 8"	C	41P1977
1	Type 60089 VT Megohmmeter	B		1	Pliers, long nose, 6"	C	
1	Type 10498 Terminal Kit	B		1	Punch, center, 3/8"	C	41T3185
1	Model TS-62/AP Echo Box	B		1	Screwdriver, common, 3" blade	C	41S1101
1	Model TS-311A/UP Echo Box	B		1	Screwdriver, common, 4" blade	C	41S1102
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>				<u>MISCELLANEOUS SPARES</u>			
12	Type 49016 Head Telephone Assemblies	B	16H3930	1	Screwdriver, common, 6" blade	C	41S1104
1	Type 51018 Chest Microphone Assembly	B		1	Screwdriver, common, 8" blade	C	41S1106
1	Model OAH Code Practice Set	B		1	Screwdriver, common, 12" blade	C	41S1110
6	Type 51004-C Hand Microphone Assemblies	B		1	Screwdriver, slim-shank, 6"	C	41S1156
4	Type 49016 Head Telephone Assemblies	B	16H3930	1	Screwdriver, Phillips 3" blade #1 point	C	
9	Type 61493 Suspension Insulators	C	16I12145	1	Screwdriver, Phillips 4" blade #2 point	C	
5	Type 61479 Suspension Insulators	C	16I12105	1	Screwdriver, Phillips 8" blade #4 point	C	
1	Type 61019C Entrance Insulator	B	16I5951	1	Torch, gasoline, 1 quart	B	41T3645
1	Type 61475 Entrance Insulator	B	16I5975	1	Vise, bench, 3" jaws, Class A	B	41V242
1	Type 61175A Pedestal Insulator	C	16I9832	1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000
2	Type 61234A Insulator Bowls	C	16I14025	1	Wrench, open-end, 15" double-head, 9/16" & 5/8"	C	41W1005
4	Type 61339 Pedestal Insulators	C	16I9838	1	Wrench, open-end, 15" double-head, 5/8" & 3/4"	C	41W1008
1	Type 631023 Resistor, 3150 ohms, Style E	C		1	Wrench, open-end, 15" double-head, 3/4" & 13/16"	C	41W1012
200 ft	7-#18 Bronze Antenna Wire	C	16W3720	1	Wrench, open-end, 15" double-head, 7/8" & 15/16"	C	41W1019
				1 set	Wrench, open-end, 15" double-head, 1" & 1-1/8"	C	41W1024
				1 set	Wrenches, socket, hollow-shank	B	
				1 set	Wrenches, setscrew (Allen #604 or equal)	B	

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	10 July 1945	III	2220	RE IIA 100



INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**ESCORT VESSELS**

TYPE
DE

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO CENTRAL</u>				<u>ELSEWHERE</u>			
1	Model TBL Series Transmitting Equipment	B		#1	Model DAQ Series HF/DF Equipment	B	
1	Model TDE Series Transmitting Equipment	B		1	Model TCS Transmitting-Receiving Equipt.	B	
1	Model TBS Series Transmitting-Receiving Equipment	B		1	Model SCR-608 Transmitting-Receiving Equipment	B	
1	Model RAK Series Receiving Equipment	B					
1	Model RAL Series Receiving Equipment	B		#1	Type 23135 Control Unit	B	
1	Model RBL Series Receiving Equipment	B		4	Type 49620 Series Speaker-Amplifier Units	B	
1	Model RAO Series Receiving Equipment	B		#1	Type 49546 Loudspeaker Unit	B	
1	Model REE Series Receiving Equipment	B		#1	Type 51019 Hand Telephone Unit	B	
1	Model LM Series Frequency Meter	B					
#1	Model AN/ARC Series Transmitting-Receiving Equipment	B					
1	Type 23135 Control Unit	B					
2	Type 23146 Key-Control Panels	B					
1	Type 23189 Receiver Transfer Panel	B					
1	Type 23203 Transmitter Transfer Panel	B					
2	Type 28002 Clips, Resistor	C					
2	Type 49029 Jackboxes	B	16B10050	1	Type 24206 Antenna Switch	B	
1	Type 49063 Jackbox	B	16B10010	5	Type 28006A Receiver Protective Units	B	
1	Type 51019 Hand Telephone Assembly	B		23*	Type 49120 Concentric Jacks	C	16J1200
1	Type 50064 Modulator Equipment	B		10*	Type 49123 Concentric Patchcord Assemblies	B	
1	Type 631023 Resistor	B		11*	Type 61493 Suspension Insulators	C	16I12145
				12*	Type 61479 Suspension Insulators	C	16I12105
				2*	Type 61019C Entrance Insulators	B	16I5951
				2*	Type 61475 Entrance Insulators	B	16I5975
				16*	Type 61174B Pedestal Insulators	C	16I9829
				12*	Type 61339 Pedestal Insulators	C	16I9838
				15*	Type 61395A Spacer Insulators	C	16I9720
				2	Type 61352 Anti-Corona Caps	B	16C4000
				6	Type 63288 Static-Leak Resistors	C	
				7	Type 61471 Entrance Insulators	B	
				1	Type 66095 Antenna Assembly	B	
				1	Type 66143 Antenna Assembly	B	
<u>COMBAT INFORMATION CENTER</u>				<u>ANTENNA SYSTEM</u>			
1	Model RBS Series Transmitting-Receiving Equipment	B					
1	Model DAS Series Loran Equipment	B					
1	Type 23135 Control Unit	B					
1	Type 23146 Key Control Panel	B					
2	Type 23423 Radiophone Units	B					
2	Type 24502 Rotary Selector Switches	B					
1	Type 49029 Jackbox	B	16B10050				
2	Type 49620 Series Speaker Amplifier	B					
2	Type 49546 Loudspeakers	B					
1	Type 51019 Hand Telephone Assembly	B					
2	Type 51008 Hand Telephone Assemblies	B					
<u>PILOT HOUSE OR SOUND HUT</u>							
1	Model MBF Series Transmitting-Receiving Equipment	B					
1	Type 23135 Control Unit	B					
#1	Type 23146 Key-Control Panel	B					
2	Type 23423 Radiophone Units	B					
#1	Type 49029 Jackbox	B	16B10050				
2	Type 49620 Series Speaker-Amplifier Units	B					
1	Type 49546 Loudspeaker Unit	B					
1	Type 51019 Hand Telephone Assembly	B					

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

- # = Applicable to vessels specifically designated.
- β = Applicable to TEV and WGT classes only.
- ε = Elsewhere in WGT Class.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	10 July 1945	III	225A	RE IIA 100

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">TYPE</td> </tr> <tr> <td style="text-align: center; font-size: 24pt; font-weight: bold;">DE</td> </tr> </table>	TYPE	DE	<p><b>INSTALLATION</b></p> <p><b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b></p> <p><b>FOR</b></p> <p><b>ESCORT VESSELS</b></p>
TYPE			
DE			

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	SONAR MATERIAL	TITLE	STOCK NUMBER
				#1	Model QJB/QQC Ranging Equipment	B	
				+1	Model QBF/QJA Ranging Equipment	B	
				#01	Model QGB Ranging Equipment	B	
				1	Model NM Series Sounding Equipment	B	
				1	Range Recorder	B	
				#1	Bathy-Thermograph	B	
	<b>RADAR MATERIAL</b>				<b>RCM MATERIAL</b>		
	<u>SEARCH AND IFF RADAR</u>						
1	Medium Air Search Radar	B		1	Model RDC Series Receiver	B	
1	Medium Surface Search Radar	B		1	Model RDJ Series Pulse Analyzer	B	
1	Model BL or BM Series Interrogator-Responzor	B		1	Model RDP Series Panoramic Adapter	B	
1	Model -N Series Interrogator Responzor	B		1	Model AN/SPR-2 Receiver	B	
2	Model BK Series Transpondors	B		1	Model DBM-1 D/F System	B	
2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B					
1*	Type CCL - 211018 Motor Generator	B					
4	Type 6V-8EM-15AH Storage Batteries	B					
	<u>RADAR REPEATERS</u>						
1	Standard Radar Repeater Model VH or VD Series (Open Bridge)	B					
	<u>FIRE CONTROL RADAR EQUIPMENT</u>						
1	Fire Control Radar Equipment Mk26	B					
1	Fire Control Radar Equipment Mk 34-2 (Interim Installation may be Mk 26-2) for GMT, DET, 5" FMR, and 5" TE	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

- 1 = TE, FMR, GMT and DET Class, either QJB/QQC or QGB Ranging Equipment - not both.
- 0 = WGT Class.
- + = TEV Class.
- # = All DE's except TEV Class.
- § = Assigned by Commander Service Forces & Type Commanders.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
<b>RE IIA 100</b>	225B	III	10 July 1945	1 August 1945

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**ESCORT VESSELS**

TYPE
DE

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<b>TESTING EQUIPMENT</b>				<b>TOOLS</b>			
1	Model OAA - 2 Echo Box	B		6	Blades, hacksaw, type "B", 18 teeth	C	41B1163
1	Model OBU - 2, 3 Echo Box(for each SL)	B		6	Blades, hacksaw, type "B", 32 teeth	C	41B1164
1	Model OAP Frequency Meter	B		1	Chisel, machinists', hand, 1/4"	C	41C1052
1	Model TS-173/UR Frequency Meter	B		1	Chisel, machinists', hand, 3/8"	C	41C1062
1	Model TS-182/UP Frequency Meter	B		1	Cutter, circle, 1" to 5-1/2", 1/2" round shank (Pawdog #5 or equal)	C	-
1	Type 60-ABM Frequency Meter(SL & MK26)	B		1	Drill, hand, 3/8" capacity	C	41D1828
1	Model OBL Oscillls cope	B		1	Drill, breast, 1/2" capacity	C	41D1663
1	Model OBT Oscillls cope	B		1 set	Drills, twist, carbon-steel, type "K"	B	40D1250
1	Model LO Series Signal Generator	B		1	File, flat, 6"	C	41F870
1	Model TS-331/UR Signal Generator	B		1	File, flat, 8"	C	41F872
2	Model OZ Series Tube Testers	B		1	File, flat 10"	C	41F874
1	Model OAX Series Sonar Monitor	B		1	Frame, hacksaw, adjustable	C	41F3390
2	Type OBQ Electronic Voltmeter	B		1	Hammer, machinists', 1/2lb.	C	41H521
1	Model TS-89/AP Voltage Divider	B		1	Iron, soldering, electric, light duty	B	41I688
1	Model TS-268/U Crystal Test Set	B		1	Iron, soldering, electric, medium duty	B	41I691
1	Model TS-358/UP Range Calibrator	B		1	Pliers, combination, slip-joint, 6"	C	41P1631
1	Model OCW Series Megger	B		1	Pliers, combination, slip-joint, 8"	C	41P1633
3	Type 10223 Repair Kits	B		1	Pliers, diagonal cutting, 4"	C	41P1710
1	Type 60089 VT Megohmmeter	B		1	Pliers, diagonal cutting, 6"	C	41P1714
1	Type 10498 Terminal Kit	B		1	Pliers, round nose, short, 4"	C	41P1910
1	Model TS-3119/UP Echo Box(for each MK34)	B		1	Pliers, round nose, short, 6"	C	41P1914
				1	Pliers, side cutting, flat nose, 6"	C	41P1974
				1	Pliers, side cutting, flat nose, 8"	C	41P1977
				1	Pliers, long nose, 6" (Utica #655 or equal)	C	-
<b>MISCELLANEOUS EQUIPMENT AND MATERIAL</b>				1	Punch, center, 3/8"	C	41T1385
7	Type 49016 Head Telephone Assemblies	B	16H3930	1	Screwdriver, common, 3" blade	C	41S1101
1	Type 51004C Hand Microphone Assembly	B	16M2352	1	Screwdriver, common, 4" blade	C	41S1102
1	Type 51018 Chest Microphone Assembly	B	16M2098	1	Screwdriver, common, 6" blade	C	41S1104
1	Model OAH Code Practice Set	B		1	Screwdriver, common, 8" blade	C	41S1106
1	Set Crystals, Group J	B		1	Screwdriver, common, 12" blade	C	41S1110
				1	Screwdriver, slim-shank, 6" blade	C	41S1156
				1	Screwdriver, Phillips, 3" blade #1point	C	-
				1	Screwdriver, Phillips, 4" blade, #2point	C	-
				1	Torch, gasoline, 1 quart	C	-
				1	Vise, bench, 3" jaws, Class A	B	41V242
				1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000
				1	Wrench, open-end, 15" double-head, 9/16" & 5/8"	C	41W1005
				1	Wrench, open-end, 15" double-head, 5/8" & 3/4"	C	41W1008
				1	Wrench, open-end, 15" double-head, 3/4" & 13/16"	C	41W1012
				1	Wrench, open-end, 15" double-head, 7/8" & 15/16"	C	41W1019
				1	Wrench, open-end, 15" double-head, 1" & 1-1/8"	C	41W1024
				1 set	Wrenches, socket, hollow-shank, (Stenens "Sprintite" #7-73 or equal)	B	-
				1 set	Wrenches, setscrew (Allen #604 or equal)	B	-
2	Type 61471 Entrance Insulator	C					
1	Type 61470 Insulator Bowl	C					
4	Type 49016 Head Telephone Assemblies	B	16H3930				
6	Type 61493 Suspension Insulators	C	16I12145				
6	Type 61479 Suspension Insulators	C	16I12105				
1	Type 61019C Entrance Insulators	B	16I5951				
1	Type 61475 Entrance Insulator	B	16I5975				
1	Type 631023 Resistor, 3150 ohms	C	-				
4	Type 61174B Pedestal Insulators	C	16I9829				
1	Type 61234A Insulator Bowl	C	16I14025				
3	Type 61339 Pedestal Insulators	C	16I9838	1 set			
10	Type 61395A Spacer Insulators	C	16I9720				
200ft	7-#18 Bronze Antenna Wire	C	16W3740	1 set			
150ft	5/16" dia. (6x19) Bronze Wire Rope	C	22R200				

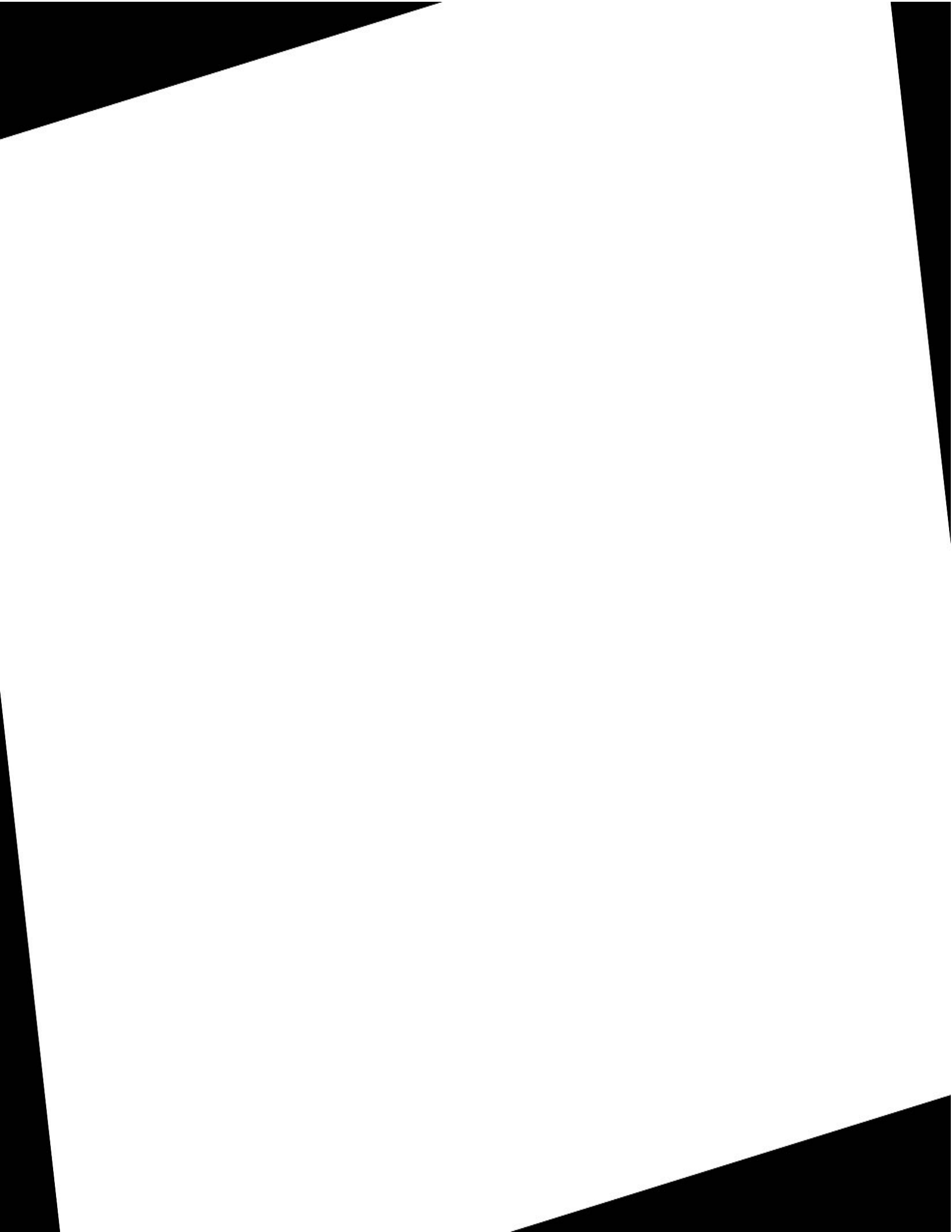
QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
10 July 1945	1 May 1945	III	2250	RE IIA 100





**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**DESTROYER ESCORT RADAR PICKETS**

**TYPE**  
**DE**  
**RADAR**  
**PICKETS**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO CENTRAL</u>				<u>COMBAT INFORMATION CENTER</u>			
1	Model TBL Series Transmitting Equipment	B		2	Model RCK Series Receiving Equipments	B	
2	Model TDQ Series Transmitting Equipments	B		1	Model RBK Series Receiving Equipment	B	
*1	Model TDZ Series Transmitting Equipment	B		1	Model RAO Series Receiving Equipment	B	
1	Model TBS Series Transmitting/Receiving Equipment	B		2	Model RBS Series Receiving Equipment	B	
2	Model TCS Series Transmitting/Receiving Equipments	B		1	Model DAS Series Loran Equipment	B	
1	Model MN Series Transmitting/Receiving Equipment	B		6	Type 49620 Speaker-Amplifier units	B	
2	Model AN/ARC-1 Transmitting/Receiving Equipments	B		3	Type 24502 Rotary Selector Switches	B	
1	Model SCR-506 Transmitting/Receiving Equipment	B		3	Type 51008 Handsets	B	
2	Model RBA Series Receiving Equipments	B		4	Type 24324 Radiophone Units	B	
2	Model RBB Series Receiving Equipments	B		1	Type 49546 Loudspeaker Unit	B	
2	Model RBC Series Receiving Equipments	B		4	Type 49029 Jackboxes	B	
1	Model RBO Series Receiving Equipment	B		3	Type 49618 Telephone Receptacle	B	
1	Model LM Series Frequency Meter	B		2	Type 23270 Remote Units	B	
3	Type 23146 Key-Control Panels	B		1	Type 23135 Remote Units	B	
6	Type 49029 Jackboxes	B		1	Type 51019 Handset Assembly	B	
1	Type 49063 Jackbox	B		3	Type 51082 Handset Assembly	B	
1	Type 50064 Modulator Unit	B		1	Type 23285 Remote Unit	B	
1	Type 23135 Control Unit	B		1	Type 51032 Handset Assembly	B	
1	Type 51019 Hand Telephone Assembly	B		1	Type 49175 Loudspeaker Unit	B	
1	Type 23293 Receiver Transfer Panel	B		6	Type 49063 Jackboxes	B	
1	Type 23209 Radiophone Transfer Panel	B		3	Type 23146 Key-Control Panels	B	
1	Type 23199 Transmitter Transfer Panel	B		<u>PILOT HOUSE</u>			
2	Type 28002 Resistor Clips	B		1	Model MBF Series Transmitting/Receiving Equipment	B	
1	Type 631023 Resistor, 3150 ohms, Type E	B		<u>SEA CABIN</u>			
3	Type 20350 Rectifier Units	B		1	Type 49029 Jackbox	B	
*2	Model RDZ Receiving Equipments	B		<u>STEERING STATION</u>			
<u>EMERGENCY RADIO STATION</u>				<u>SONAR HUT</u>			
1	Model TBL Series Transmitting Equipment	B		1	Type 49618 Telephone Receptacle	B	
1	Model RAK Series Receiving Equipment	B		1	Type 23211 Radiophone Unit	B	
1	Model RAL Series Receiving Equipment	B		1	Type 23135 Control Unit	B	
1	Type 50064 Modulator Unit	B		1	Type 49546 Loudspeaker Unit	B	
1	Type 23146 Key-Control Panel	B		1	Type 51019 Handset Assembly	B	
1	Type 49063 Jackbox	B		1	Type 51082 Handset Assembly	B	
1	Type 23190 Receiver Transfer Panel	B		<u>MACHINE SHOP</u>			
1	Type 23204 Transmitter Transfer Panel	B		1	Model TCS Series Transmitting/Receiving Equipment	B	
2	Type 28002 Resistor Clips	B		2	Type 6V SBM 100-AH Storage Batteries	B	
1	Type 631023 Resistor, 3150 ohms, Type E	B		<u>QUANTITIES MARKED WITH AN ASTERISK (*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES</u>			
<u>SPECIAL EXCEPTIONS AND REMARKS</u>							
* = One additional for Squadron Flags. † = Two additional for Squadron Flags.							
<u>THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II</u>							
SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER			
1 August 1945	-	III	227A	RE IIA 100			

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">TYPE</td></tr> <tr><td style="text-align: center; font-size: 24pt; font-weight: bold;">DE</td></tr> <tr><td style="text-align: center;">RADAR</td></tr> <tr><td style="text-align: center;">PICKETS</td></tr> </table>	TYPE	DE	RADAR	PICKETS	<p>INSTALLATION</p> <p><b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b></p> <p>FOR</p> <p><b>DESTROYER ESCORT RADAR PICKETS</b></p>
TYPE					
DE					
RADAR					
PICKETS					

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
	<u>OPEN BRIDGE</u>				<u>SEARCH AND IFF RADAR</u>		
1	Type 23285 Control Unit	B		1	Medium Air Search Radar	B	
1	Type 51019 Handset Assembly	B		1	Medium Surface Search Radar	B	
1	Type 49546 Loudspeaker Unit	B		1	Medium Fire Director Radar	B	
1	Type 23211 Radiophone Unit	B		1	Model BL or BM Series Interrogator		
1	Type 49618 Radiophone Receptacle	B			Responsor	B	
1	Type 51082 Handset Assembly	B		1	Model BM-1 Interrogator Responsor	B	
				1	Model BN Series Interrogator Responsor	B	
				1	Model BO-1 Interrogator Responsor	B	
				2	Model BK Series Transponders	B	
				3	Type CTZ-66ACG or CTZ-66AFJ Antennas	B	
				1	Type CCL - 211018 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	
	<u>ANTENNA SYSTEM</u>				<u>FIRE CONTROL RADAR EQUIPMENT</u>		
6	Type 28006A Receiver Protective Units	B		1	Fire Control Radar Equipment MK 26	B	
6	Type 61471 Entrance Insulators	B		1	Fire Control Radar Equipment MK 28-3	B	
6	Type 63288 Static Leak Resistors	B					
12	Type 64193 Suspension Insulators	B			<u>RADAR REPEATERS</u>		
10	Type 61479 Suspension Insulators	B		1	Model VF (CIC)	B	
32	Type 49120 Concentric Jacks	B		1	Model VH (or VD Series)(Open Bridge)	B	
14	Type 49123 Concentric Patchcord Assemblies	B		2	Model VX (or VJ or VC 12" tube or VD)	B	
2	Type 61475 Entrance Insulators	B			(CIC)		
2	Type 61019C Entrance Insulators	B					
10	Type 61339 Pedestal Insulators	B					
4	Type 61175A Pedestal Insulators	B					
	<u>ELSEWHERE</u>						
1	Model YG Series Homing Equipment	B					
					<u>SONAR MATERIAL</u>		
				1	Model QJB/QGC or one Model QGB	B	
					Ranging Equipment	B	
				1	Model NM Series Sounding Equipment	B	
				1	Range Recorder	B	
					<u>RCM MATERIAL</u>		
				1	Model TDY-1 Transmitter	B	
				1	High Frequency Transmitter	B	
				1	Model RDO Receiver	B	
				1	Model RDJ Pulse Analyzer	B	
				1	Model RDP Panoramic Adapter	B	
				1	Model AN/SPR-2 Receiver	B	
				1	Model DBM-1 D/F System	B	

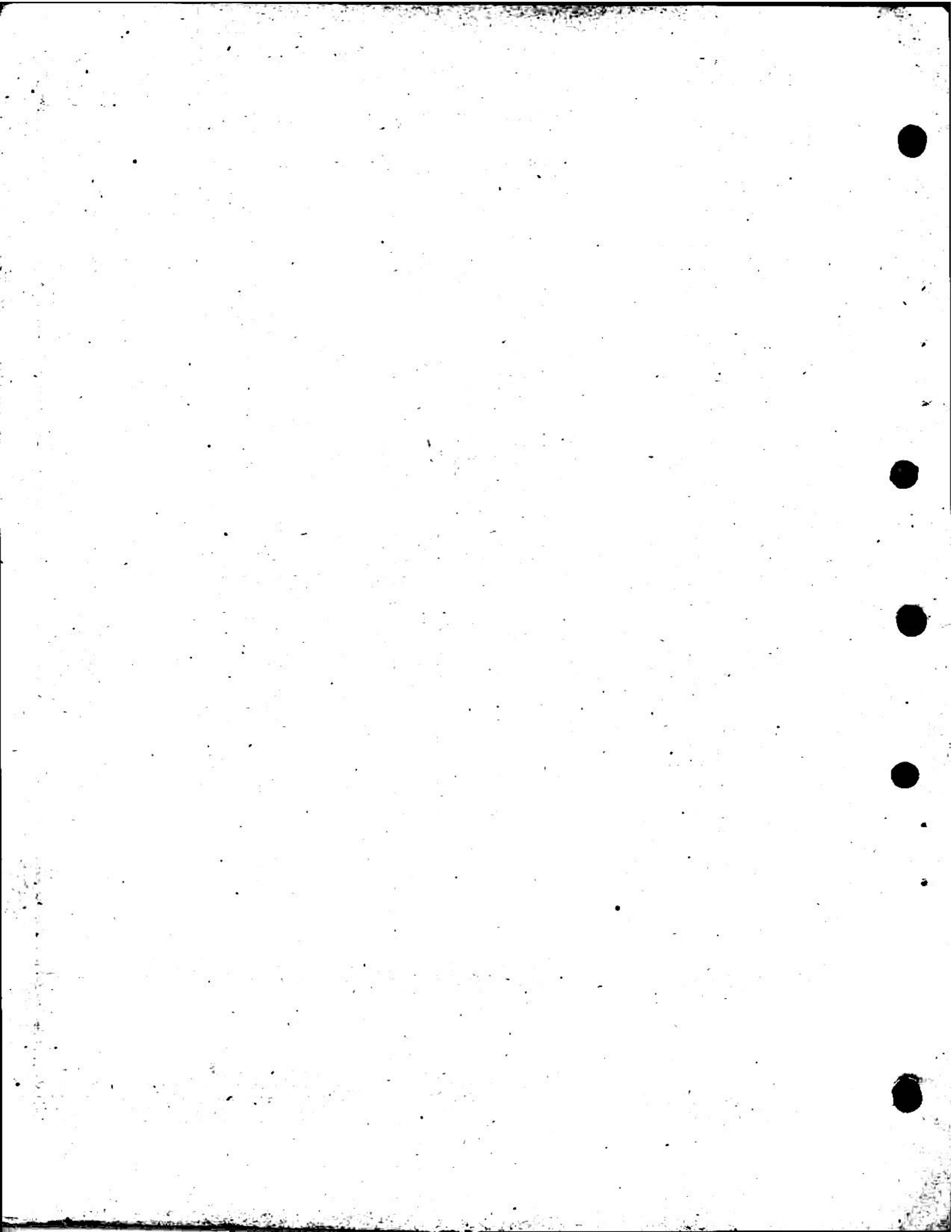
QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	227B	III		1 August 1945









TYPE  
**DM**  
15 - 22

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
FOR  
**LIGHT MINELAYERS**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	SONAR MATERIAL	TITLE	STOCK NUMBER
				#1	Ranging Equipment presently installed to be retained.		
				1	Model NJ Series Sounding Equipment	B	
				#1	Model NK Series (Portable) Sounding Equipment	B	
				1	Range Recorder	B	
				#1	Bathy-Thermograph	B	
	<b>RADAR MATERIAL</b>						
1	Medium Air Search Radar	B					
1	Small Surface Search Radar	B					
1	Model BL or BM Series Interrogator Responder	B					
1	Model BN Series Interrogator Responder	B					
2	Model BK Series Transponders	B					
+2	Type CTZ-66AGG or CTZ-66AFJ Antennas	B					
1	Type CCL-211014 Motor Generator	B					
4	Type 6V-SBM-15AH Storage Batteries	B					
					<b>RCM MATERIAL</b>		
				1	Model RDO Series Receiver	B	
				1	Model RDJ Series Pulse Analyzer	B	
				1	Model RDP Series Panoramic Adapter	B	
				1	Model AN/SPR-2 Receiver	B	
				1	Model DBM-1 D/F System	B	
					(Not to be installed until specific instructions are received from the Bureau.)		

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

- # = DM-15, QJA; DM-16, QCB-2; DM-18, QCL; DM-19, QCL-8; DM-20, QCJ-2; DM-21, QCS-1; DM-22, QCT-1.
- ## = Each Mine Squadron and Mine Division Flagships.
- ‡ = Assignment by Commander Service Forces and Type Commanders
- + = One Additional if Air Search Antenna does not include IFF Array.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	234B	III	1 August 1945	1 December 1945

**FITTING - OUT**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**LIGHT MINELAYERS**

<b>TYPE</b>
<b>DM</b>
<b>15 - 22</b>

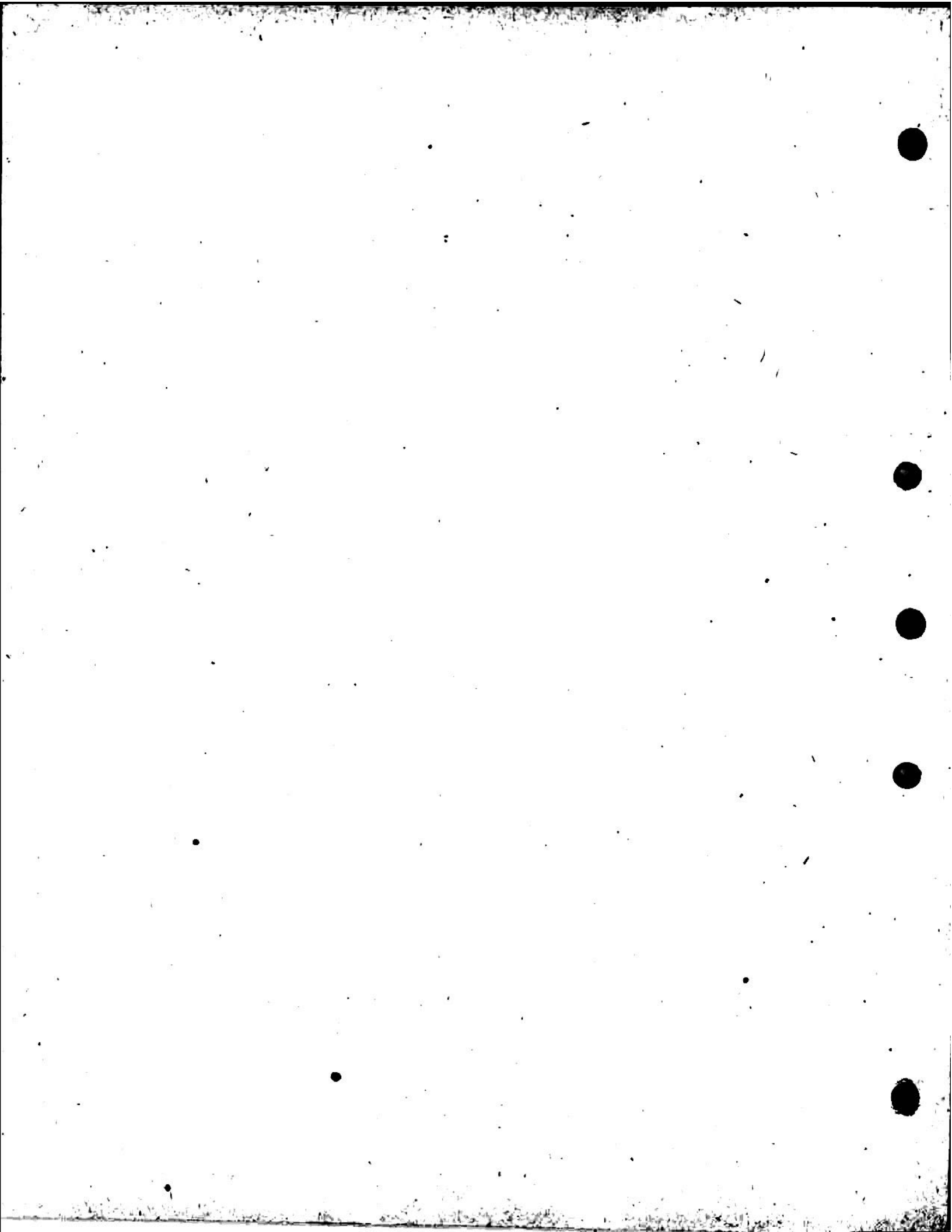
QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<b>TESTING EQUIPMENT</b>				<b>TOOLS (Cont'a)</b>			
1	Model OAA - 2 Echo Box	B		1 set	Drills, twist, carbon-steel, type "X"	B	41D1250
1	Model OBU - 2, 3 Echo Box (for each 80)	B		1	File, flat, 6"	C	41F870
1	Model OAP Frequency Meter	B		1	File, flat, 10"	C	41F874
1	Model TS-173/UR Frequency Meter	B		1	Frame, hacksaw, adjustable	C	41F3390
1	Model TS-182/UP Frequency Meter	B		1	Hammer, machinists', 1/2 lb.	C	41H521
1	Model OBL Oscilloscope	B		1	Iron, soldering, electric, light duty	B	41I688
1	Model LO Series Signal Generator	B		1	Iron, soldering, electric, medium duty	B	41I691
1	Model TS-331/UR Signal Generator	B		1	Pliers, combination, slip-joint, 6"	C	41P1631
1	Model OZ Series Tube Tester	B		1	Pliers, combination, slip-joint, 8"	C	41P1633
1	Model OAX Sonar Monitor	B		1	Pliers, diagonal cutting, 4"	C	41P1710
1	Type OBG Electronic Voltmeter	B		1	Pliers, diagonal cutting, 6"	C	41P1714
1	Model TS-89/AP Voltage Divider	B		1	Pliers, round nose, short, 4"	C	41P1910
2	Type 10223 Repair Kit	B		1	Pliers, round nose, short, 6"	C	41P1914
1	Type 60089 VT Megohmmeter	B		1	Pliers, side cutting, flat nose, 6"	C	41P1974
				1	Pliers, side cutting, flat nose, 8"	C	41P1977
				1	Pliers, long nose, 6"	C	41P1991
				1	Punch, center, 3/8"	C	41T3185
				1	Screwdriver, common, 3" blade	C	41S1101
				1	Screwdriver, common, 6" blade	C	41S1104
				1	Screwdriver, common, 8" blade	C	41S1106
				1	Screwdriver, common, 12" blade	C	41S1110
				1	Screwdriver, slim-shank, 6" blade	C	41S1156
				1	Screwdriver, Phillips 3" blade #1 point	C41	41S1645-15
				1	Screwdriver, Phillips 4" blade #2 point	C41	41S1645-20
				1	Screwdriver, Phillips 8" blade #4 point	C41	41S1645-30
				1	Torch, gasoline, 1 quart	B	41T3645
				1	Vise, bench Class A, 3" jaw	B	41V242
				1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000
				1	Wrench, open-end, 15" double-head, 9/16" & 5/8"	C	41W1005
				1	Wrench, open-end, 15" double-head, 5/8" & 3/4"	C	41W1008
				1	Wrench, open-end, 15" double-head, 3/4" & 13/16"	C	41W1012
				1	Wrench, open-end, 15" double-head, 7/8" & 15/16"	C	41W1019
				1	Wrench, open-end, 15" double-head, 1" & 1-1/8"	C	41W1024
				1	Wrench, open-end, 15" double-head, 1-1/8" & 1-1/4"	C	41W1026
				1	Wrench, open-end, 15" double-head, 1-5/16" & 1-1/2"	C	41W1032
				1 set	Wrenches, socket, hollow-shank	C41	41W2623-429
				1 set	Wrenches, setscrew, (Allen #604 or equal)	B	
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Chisel, machinists', hand, 1/4"	C	41C1052				
1	Chisel, machinists', hand, 3/8"	C	41C1062				
1	Cutter, circle, 1" to 5-1/2", 1/2" round shank, (Pawood #5 or equal)	C					
1	Drill, hand, 3/8" capacity	C	41D1828				
1	Drill, breast, 1/2" capacity	B	41D1663				
<b>MISCELLANEOUS EQUIPMENT AND MATERIAL</b>							
1	Model OAH Code Practice Set	B					
6	Type 49016 Head Telephone Assemblies	B	16H3930				
1	Type 51004C Hand Microphone Assemblies	B					
1	Set Group I crystals	B					
<b>MISCELLANEOUS SPARES</b>							
1	Type 49016 Head Telephone Assemblies	B	16H3930				
1	Type 51004C Hand Microphone Assembly	C	16M2352				
2	Type 61493 Suspension Insulators	C	16I12145				
1	Type 61481 Suspension Insulators	C	16I12130				
6	Type 61479 Suspension Insulators	C	16I12105				
3	Type 61019C Entrance Insulators	B	16I5951				
1	Type 61475 Entrance Insulator	B	16I5951				
5	Type 61174B Pedestal Insulators	C	16I9829				
3	Type 61175A Pedestal Insulators	C	16I9832				
5	Type 61339 Pedestal Insulators	C	16I9838				
40	Type 61395A Spacer Insulators	C	16I9720				
1	Type 631023 Resistor, 3150 ohms, Style E	C	16R18230				
200Ft	7-#18 Bronze Antenna Wire	C	16W3740				
150Ft	5/16" dia. (6x19) Bronze Wire Rope	C	22R200				
<b>TOOLS</b>							

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	1 May 1945	III	234C	RE IIA 100



**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**LIGHT MINELAYERS**

<b>TYPE</b>
<b>DM</b>
<b>23</b>
<b>ET. SEQ.</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<b><u>RADIO CENTRAL</u></b>				<b><u>COMBAT INFORMATION CENTER</u></b>		
1	Model RBA Series Receiving Equipment	B		1	Type 50210 Amplifier Unit	B	
1	Model RBB Series Receiving Equipment	B		1	Model RBS Series Receiving Equipment	B	
1	Model RBC Series Receiving Equipment	B		1	Type 23135 Control Unit	B	
1	Model RAK Series Receiving Equipment	B		1	Type 51019 Hand Telephone Assembly	B	16T700
1	Model RAL Series Receiving Equipment	B		2	Type 49546 Loudspeaker Units	B	
1	Model RAO Series Receiving Equipment	B		1	Type 23146 Key Control Panel	B	
1	Model RBO Series Receiving Equipment	B		3	Type 49029 Jackbox	B	16B10050
1	Model RBK Series Receiving Equipment	B		3	Type 23423 Radiophone Units	B	
1	Model RCK Series Receiving Equipment	B		3	Type 49620 Speaker-Amplifier Units	B	
1	Model TBL Series Transmitting Equipment	B		3	Type 51008 Hand Telephone Assembly	B	
1	Model TDQ Series Transmitting Equipment	B		1	Type 51032 Hand Telephone Assembly	B	
1	Model MN Series Transmitting-Receiving Equipment	B		3	Type 24502 Rotary Selector Switch	B	
1	Model TBS Series Transmitting-Receiving Equipment	B		1	Type 23285 Control Unit	B	
2	Model SCR 608 Transmitting-Receiving Equipment	B		1	Type 49175 Loudspeaker Unit	B	
2	Model AN/ARC-1 Transmitting-Receiving Equipment	B		1	Model RCK Series Receiving Equipment	B	
1	Model LM Series Frequency Meter	B		3	Type 49618 Telephone Receptacles	B	
1	Model TDZ Transmitter	B		3	Type 49578 Microphone Jacks	B	
2	Model RDZ Receiver	B			<b><u>PILOT HOUSE</u></b>		
1	Type 23224 Dual Key-Control Panel	B		1	Model MBF Transmitting-Receiving Equipment	B	
3	Type 23146 Key-Control Panels	B		1	Type 23285 Control Unit	B	
1	Type 49063 Jackbox	B	16B10010	1	Type 51032 Hand Telephone Assembly	B	
6	Type 49029 Jackboxes	B	16B10050	1	Type 49175 Loudspeaker Unit	B	
1	Type 50064 Modulator Equipment	B		1	Type 23423 Radiophone Unit	B	
1	Type 23135 Control Unit	B		1	Type 49620 Speaker-Amplifier Unit	B	
1	Type 51019 Hand Telephone Assembly	B	16T700	1	Type 23135 Control Unit	B	
2	Type 28002 Resistor Clips	C	16C20023	1	Type 51019 Hand Telephone Assembly	B	16T700
1	Type 631023, 3150 Ohm, 10 watt, Type E Resistor	B		2	Type 49546 Loudspeaker Unit	B	
1	Type 23187 Receiver Transfer Panel	B		1	Type 50210 Amplifier Unit	B	
1	Type 23199 Transmitter Transfer Panel	B			<b><u>CHART HOUSE</u></b>		
1	Type 23209 Radiophone Transfer Panel	B		1	Type 49029 Jackbox	B	
4	Type 211645 Motor Generators	B			<b><u>SQUADRON COMMANDERS QUARTERS</u></b>		
1	Model TCS Series Transmitter/Receiver Equipment	B		1	Model REE Receiver	B	
2	Model RBS Series Receiving Equipments	B			<b><u>OPEN BRIDGE</u></b>		
	<b><u>EMERGENCY RADIO STATION</u></b>				2	Type 49618 Telephone Receptacles	B
1	Model RAK Series Receiving Equipment	B		2	Type 49546 Loudspeaker Units	B	
1	Model RAL Series Receiving Equipment	B			<b><u>DIRECTOR PLATFORM</u></b>		
1	Model TBL Series Transmitting Equipment	B		1	Type 23211 Radiophone Unit	B	
1	Type 50064 Modulator Equipment	B					
2	Type 28002 Resistor Clips	C	16C20023				
1	Type 631023, 3150 ohm, 10 watt, Type E, Resistor	C	16R18239				
1	Type 23146 Key-Control Panel	B					
1	Type 49063 Jackbox	B	16B10010				
1	Type 23190 Receiver Transfer Panel	B					
1	Type 23204 Transmitter Transfer Panel	B					
1	Model TCS Series Transmitting-Receiving Equipment	B					
2	Type 6V SBM 100-AH Storage Batteries	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 October 1945	III	235A	RE IIA 100



TYPE  
**DM**  
23  
ET. SEQ.

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
LIGHT MINELAYERS**

NAVSHIPS - 981

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
	<u>ELSEWHERE</u>				<u>SEARCH AND IFF RADAR</u>		
#1	Model DAU Series Direction Finding Equipment	B		1	Medium Air Search Radar	B	
#1	Type 23135 Control Unit	B		1	Large Surface Search Radar	B	
#1	Type 51019 Hand Telephone Assembly	B	16I700	1	Model BL or BM Series Interrogator-Responser	B	
#1	Type 49546 Loudspeaker Unit	B		2	Model BN Series Interrogator Responser	B	
5	Type 49620 Speaker-Amplifier Units	B		2	Model BK Series Transponders	B	
1	Model DAS Series Loran Equipment	B		1	Type CTZ-66ACG or CTZ-66AFJ Antennas	B	
				4	Type CGL - 211018 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	
					<u>FIRE CONTROL RADAR EQUIPMENT</u>		
				1	Fire Control Radar Equipment MK 12	B	
				1	Fire Control Radar Equipment MK 22	B	
				2	Fire Control Radar Equipment MK 34-2	B	
				1	Fire Control Identification Radar MK 32	B	
	<u>ANTENNA SYSTEM</u>				<u>RADAR REPEATERS</u>		
6*	Type 28006A Receiver Protective Units	B	16P8800		Stations listed in order of priority. Preference of model indicated by order of listing.		
6*	Type 61471 Entrance Insulators	B		1	Model VF (CIC)	B	
6*	Type 63288 Static Leak Resistors	C	16R18225	1	Model VK or VJ or VC-12" tube or VD(CIC)	B	
12*	Type 61493 Suspension Insulators	C	16I12145	1	Model VH or VD (Open Bridge)	B	
10*	Type 61479 Suspension Insulators	C	16I12105	1	Model VK or VJ or VC-12" tube or VC (Bridge-Pilot House)	B	
32*	Type 49120 Concentric Jacks	C	16J1200				
14*	Type 49123 Concentric Patchcord Assemblies	B					
2*	Type 61475 Entrance	B					
2*	Type 61019C Entrance Insulators	B	16I5951				
10*	Type 61339 Pedestal Insulators	C	16I9838				
4*	Type 61175A Pedestal Insulators	C	1Y19832				
1	Type 66143 Antenna Assembly	B					
2	Type 66095 Antenna Assemblies	B					
					<u>SONAR MATERIAL</u>		
				#1	Model QGA Ranging Equipment	B	
				1	Model NJ Series Sounding Equipment	B	
				#1	Model NK Series (Portable) Sounding Equipment	B	
				1	Range Recorder	B	
				#1	Rathy-Thermograph	B	
				1	Type CQJ 51061 Indicating Monitor Hydrophone	B	
				1	Type CQJ 55162 Tuning Indicator	B	
					<u>RCM MATERIAL</u>		
				1	Model RDO Series Receiver	B	
				1	Model RDJ Series Pulse Analyzer	B	
				1	Model RDP Series Panoramic Adapter	B	
				1	Model AN/SPR-2 Receiver	B	
				1	Model DBM-1 D/F system	B	
				1	Model TDY Transmitter	B	

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

- # = Applicable to vessels specifically designated.
- \* = Assignment by Commander Service Forces and Type Commanders.
- † = Converted from DD692 class. Remaining ships retain equipment presently installed.
- ## = Each Mine Squadron and Mine Division Flagship.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	235B	III	1 October 1945	1 December 1945

96

**FITTING - OUT**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**LIGHT MINELAYERS**

**TYPE**  
**DM**  
**23**  
**ET. SEQ.**

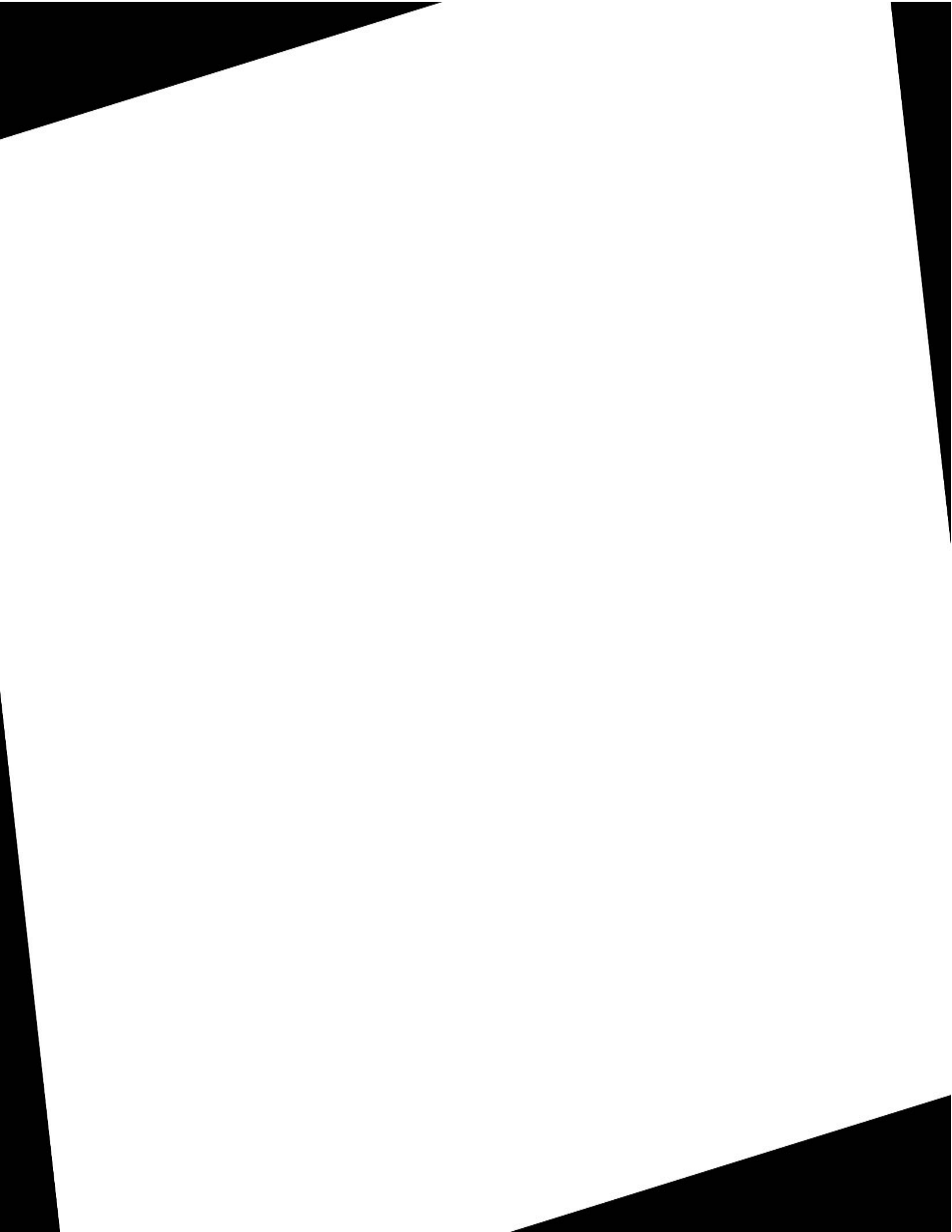
QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<b>TESTING EQUIPMENT</b>				<b>MISCELLANEOUS SPARES (CONT'D)</b>			
1	Model OAA-2 Echo Box	B		2	Type 28002 Resistor Clips	C	16C20023
1	Model OBU-2, 3 Echo Box (for each SG)	B		2	Type 631023, 3150 Ohm, 10 Watt, Type E Resistor	C	16R18230
1	Model OAP Series Frequency Meter	B		200 ft	7-#15 Bronze Antenna Wire		
1	Model TS-173/UR Frequency Meter	B		150 ft	5/16" dia. Bronze Wire Rope (6x19)		
1	Model TS-182/UP Frequency Meter	B		150 ft	7/16" dia. Bronze Wire Rope (6x19)		
1	Model OBL Series Oscilloscope	B					
1	Model LO Series Signal Generator	B					
1	Model TS-331/UR Signal Generator	B					
2	Model OZ Series Tube Tester	B					
1	Model OAX Series Sonar Monitor	B					
2	Model OBQ Series Electronic Voltmeter	B					
1	Model TS-89/AP Voltage Divider	B					
4	Type 10223 Repair-Kits	B					
1	Type 60089 VT Megohmmeter	B					
1	Model TS-62/AP Echo Box	B					
1	Model TS-311A/UP Echo Box	B					
1	Model TS-349/UP Echo Box (for each 4 or less Mx 12)	B					
1	Model AN/UPM-2 Frequency Meter	B					
1	Model TS-33/AP Frequency Meter	B					
1	Type 60-ABM Frequency Meter	B					
1	Model OBT Series Oscilloscope	B		1 set	Drills, twist, carbon-steel, type "K"	B	40D1250
1	Model TS-35A/AP Signal Generator	B		1	File, flat, 6"	C	41F870
1	Model OCD Series Pulsar	B		1	File, flat, 8"	C	41F872
1	Model OAW Series Tube Tester	B		1	File, flat, 10"	C	41D574
1	Model OF Series Strength Meter	B		1	Frame, hacksaw, adjustable	C	41F3390
1	Mark 2 Synchro-Tester	B		1	Hammer, Machinists', 1/2 lb.	C	41H521
1	Model TS-268/U Crystal Test Set	B		1	Iron, soldering, electric, light duty	B	41I088
1	Model TS-358/UP Range Calibrator	B		1	Iron, soldering, electric, medium duty	B	41I091
1	Model OCW Series Megger	B		1	Pliers, Combination, slip-joint, 6"	C	41P1631
1	Type 10498 Terminal Kit	B		1	Pliers, Combination, slip-joint, 8"	C	41P1633
1	Model LP Series Signal Generator	B		1	Pliers, diagonal cutting, 4"	C	41P1710
				1	Pliers, diagonal cutting, 6"	C	41P1714
				1	Pliers, round, nose, short, 4"	C	41P1910
				1	Pliers, round nose, short, 6"	C	41P1914
				1	Pliers, side cutting, flat nose, 6"	C	41P1974
				1	Pliers, side cutting, flat nose, 8"	C	41P1977
				1	Pliers, long nose, 6"	C	41T3185
				1	Punch, center, 3/8"	C	41S1101
				1	Screwdriver, common, 3" blade	C	41S1102
				1	Screwdriver, common, 4" blade	C	41S1104
				1	Screwdriver, common, 6" blade	C	41S1106
				1	Screwdriver, common, 8" blade	C	41S1110
				1	Screwdriver, common, 12" blade	C	41S1156
				1	Screwdriver, Phillips 3" blade #1 point	C	
				1	Screwdriver, Phillips 4" blade #2 point	C	
				1	Screwdriver, Phillips 8" blade #4 point	C	
				1	Torch, gasoline, 1 quart	B	41T3645
				1	Vise, bench, 3" jaws, Class A	B	41V242
				1	Wrench, open-end, 15° double-head 7/16" & 1/2"	C	41W1000
				1	Wrench, open-end, 15° double-head, 9/16" & 5/8"	C	41W1005
				1	Wrench, open-end 15° double-head, 5/8" & 3/4"	C	41W1008
				1	Wrench, open-end, 15° double-head, 3/4" & 13/16"	C	41W1012
				1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41W1019
				1	Wrench, open-end, 15° double-head, 1" & 1-1/8"	C	41W1024
				1 set	Wrenches, socket, hollow-shank	B	
				1 set	Wrenches, setscrew (Allen #604 or equal)	B	
<b>MISCELLANEOUS EQUIPMENT AND MATERIAL</b>							
1	Model OAH Series Code Practice Set	B					
4	Type 51004-C Hand Microphones	B					
8	Type 49016 Hand Telephone Assemblies	B					
1	Type 51018 Chest Microphone Assembly	B	16M2098				
2	Type 49619 Telephone Plugs	B					
2	Type 51008 Hand Telephone Assemblies	B					
<b>MISCELLANEOUS SPARES</b>							
4	Type 49016 Hand Telephone Assemblies	B	16H3930				
6	Type 61493 Suspension Insulators	B					
5	Type 61479 Suspension Insulators	C	16I12145				
1	Type 61019C Entrance Insulators	B	16I5951				
2	Type 61234A Insulator Bowls	C	16I14025				
1	Type 61475 Entrance Insulator	B	16I5975				
2	Type 61476 Insulator Bowls	B					
2	Type 61471 Insulator Bowls	B					
4	Type 61470 Insulator Bowls	B					
2	Type 61175A pedestal Insulators	C	1yI9832	1 set			
4	Type 61339 Pedestal Insulators	C	16I9838	1 set			

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 October 1945	10 July 1945	III	235C	RE IIA 100



**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**MINE SWEEPERS, HIGH SPEED**

**TYPE**  
**DMS**  
**1-18**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO CENTRAL</u>				<u>ANTENNA SYSTEM</u>			
1	Model MN Transmitting-Receiving Equipment	B		1	Type 24206 Antenna Switches	B	
1	Model TCS Transmitting-Receiving Equipment	B		7	Type 28006A Receiver Protective Units	B	16P8800
1	Model TBL Series Transmitting Equipment	B		21*	Type 49120 Concentric Jacks	C	
1	Model TBS Series Transmitting Equipment	B		12*	Type 49123 Concentric Patchcord Assemblies	B	
1	Model RBA Series Receiving Equipment	B		14*	Type 61493 Suspension Insulators	C	16I12145
1	Model RBF Series Receiving Equipment	B		2*	Type 61481 Suspension Insulators	C	16I12130
1	Model RBC Series Receiving Equipment	B		12*	Type 61019C Entrance Insulators	B	16I5951
1	Model RBO Series Receiving Equipment	B		25*	Type 61475 Entrance Insulators	B	16I5975
1	Model LM Series Frequency Meter	B		25*	Type 61174B Pedestal Insulators	C	16I9829
1	Type 23135 Control Unit	B		8*	Type 61175A Pedestal Insulators	C	16I9832
3	Type 23146 Key-Control Panels	B		24*	Type 61339 Pedestal Insulators	C	16I9838
1	Type 23187 Receiver Transfer Panel	B		200*	Type 61395A Spacer Insulators	C	16I9720
1	Type 23199 Transmitter Transfer Panel	B		5	Type 61352 Anti-Corona Caps	B	
1	Type 49063 Jackbox	B	16B10010	7	Type 63288 Static-Leak Resistors (1/2 megohm)	C	16R18225
1	Type 50064 Modulator Equipment	B					
1	Type 51019 Hand Telephone Assembly	B					
1	Type 631023 Resistor, 3150 Ohms, StyleE	C					
2	Type 28002 Resistor Clips	C					
1	Model AN/ARC Transmitting-Receiving Equipment (WE233A)	B					
1	Type 23467 Radiophone Transfer Panel	B					
1	Type 211437 Motor Generator	B		4	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
				Ø1	Model DA3 Series Direction Finding Equipment	B	
<u>EMERGENCY RADIO STATION</u>				<u>ELSEWHERE</u>			
1	Model TDE Series Transmitting Equipment	B					
1	Model RAO Series Receiving Equipment	B					
1	Model RBL Series Receiving Equipment	B					
1	Type 23146 Key-Control Panel	B					
1	Type 23190 Receiver Transfer Panel	B					
1	Type 23204 Transmitter Transfer Panel	B					
2	Type 49029 Jackboxes	B	16B10050				
<u>PILOT HOUSE</u>							
1	Model RBS Series Receiving Equipment	B					
1	Type 23146 Key-Control Panel	B					
1	Type 23211 Radiophone Unit	B					
1	Type 49029 Jackbox	B	16B10050				
1	Type 49620 Series Speaker-Amplifier Unit	B					
1	Type 49546 Loudspeaker Unit	B					
<u>CHART HOUSE</u>							
1	Type 49029 Jackbox	B	16B10050				
1	Model DA3 Series Loran Equipment	B					

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

Ø = Applicable to vessels specifically designated.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 August 1945	III	236A	RE IIA 100

TYPE	INSTALLATION
DMS	TYPE ALLOWANCE OF ELECTRONIC MATERIAL
1-18	FOR
	MINE SWEEPERS, HIGH SPEED

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
					<u>SEARCH AND IFF RADAR</u>		
1				1	Medium Air Search Radar	B	
1				1	Small Surface Search Radar	B	
1				1	Model BL or BM Series Interrogator Responder	B	
1				1	Model BN Series Interrogator Responder	B	
2				2	Model BK Series Transponders	B	
2				2	Type CTZ-66AGG or CTZ-66AFJ Antennas	B	
1				1	Type CCL - 211014 Motor Generator	B	
4				4	Type 6V-SBM-15AH Storage Batteries	B	
					<u>SONAR MATERIAL</u>		
1				1	Model QCL/QCJ Series Ranging Equipment	B	
1				1	Model NJ Series Sounding Equipment	B	
#1				#1	Model NK Series (Portable) Sounding Equipment	B	
1				1	Range Recorder	B	
#1				#1	Bathy-Thermograph	B	
					<u>RCM MATERIAL</u>		
1				1	Model RDO Series Receiver	B	
1				1	Model RDJ Series Pulse Analyzer	B	
1				1	Model RDP Series Panoramic Adapter	B	
1				1	Model AN/SPR-2 Receiver	B	
1				1	Model DBM-1 D/F System	B	
					Not to be installed until specific instructions are received from the Bureau.		

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

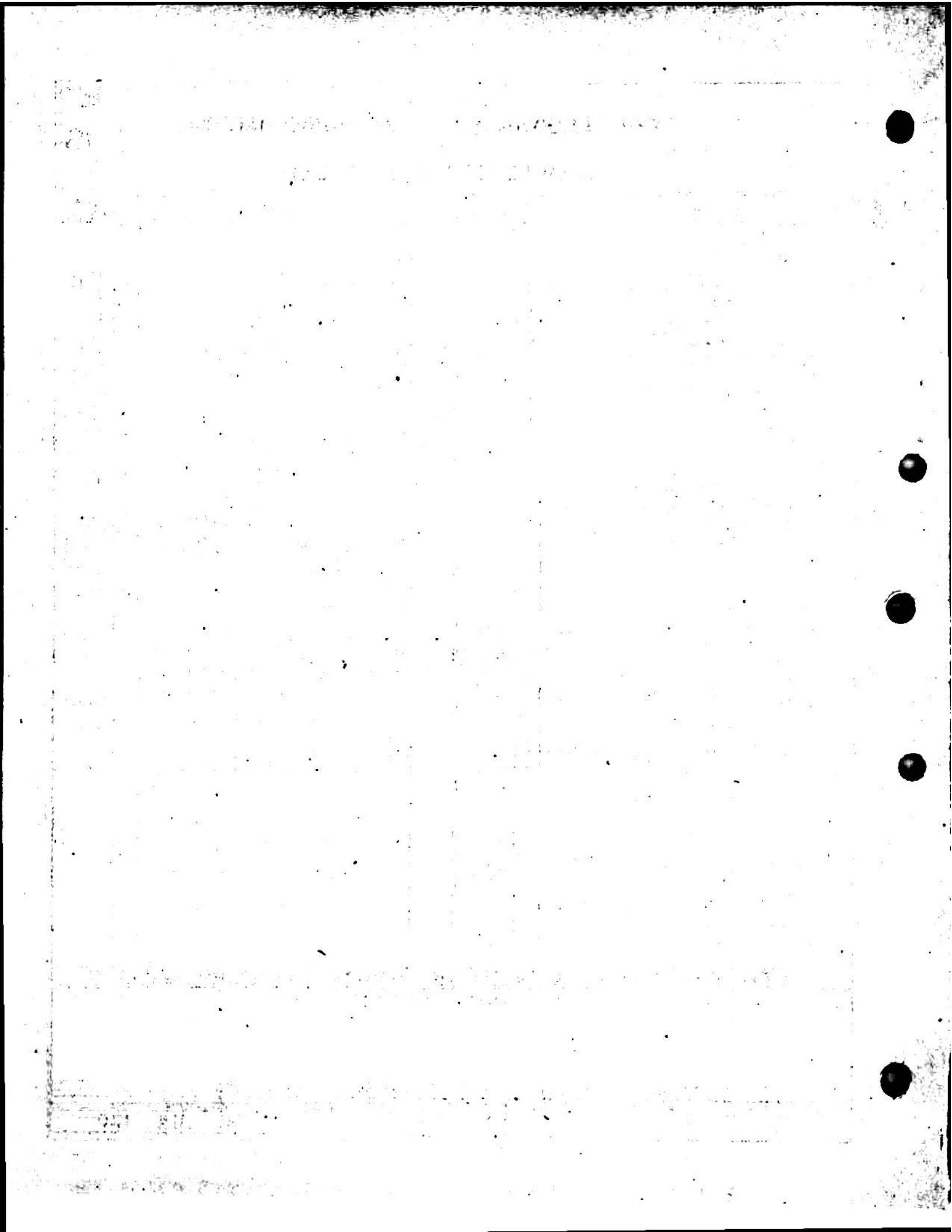
# = Each Mine Squadron or Mine Division Flagship.  
 \* = Assigned by Commander Service Forces and Type Commanders.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	236B	III	1 August 1945	1 December 1945







**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**MINE SWEEPERS (HIGH SPEED)**

TYPE
<b>DMS</b>
19
ET. SEQ.

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO CENTRAL</u>				<u>COMBAT INFORMATION CENTER</u>			
1	Model RBA Series Receiving Equipment	B		1	Model RBS Series Receiving Equipment	B	
1	Model RBB Series Receiving Equipment	B		1	Type 23135 Control Unit	B	
1	Model RBC Series Receiving Equipment	B		1	Type 51019 Hand Telephone Assembly	B	16T700
1	Model RAK Series Receiving Equipment	B		2	Type 49546 Loudspeaker Units	B	
1	Model RAL Series Receiving Equipment	B		1	Type 23146 Key Control Panel	B	
1	Model RBO Series Receiving Equipment	B		1	Type 49029 Jackbox	B	16B10050
1	Model RBK Series Receiving Equipment	B		3	Type 23423 Radiophone Units	B	
1	Model ROK Series Receiving Equipment	B		4	Type 49620 Speaker-Amplifier Units	B	
1	Model TBL Series Transmitting Equipment	B		3	Type 51008 Hand Telephone Assembly	B	
1	Model TDQ Series Transmitting Equipment	B		1	Type 51032 Hand Telephone Assembly	B	
1	Model MN Series Transmitting-Receiving Equipment	B		3	Type 24502 Rotary Selector Switch	B	
1	Model TBS Series Transmitting-Receiving Equipment	B		1	Type 23285 Control Unit	B	
1	Model SCR 608 Transmitting-Receiving Equipment	B		1	Type 49175 Loudspeaker Unit	B	
<u>EMERGENCY RADIO STATION</u>				<u>PILOT HOUSE</u>			
1	Model LM Series Frequency Meter	B		1	Model MBF Transmitting-Receiving Equipment	B	
1	Model TDZ Transmitter	B		1	Type 23285 Control Unit	B	
2	Model RDZ Receiver	B		1	Type 51032 Hand Telephone Assembly	B	
1	Type 23224 Dual Key-Control Panel	B		1	Type 49175 Loudspeaker Units	B	
3	Type 23146 Key-Control Panels	B		1	Type 23423 Radiophone Unit	B	
1	Type 49063 Jackbox	B	16B10010	1	Type 49620 Speaker-Amplifier Unit	B	
6	Type 49029 Jackboxes	B	16B10050	1	Type 23135 Control Unit	B	
1	Type 50064 Modulator Equipment	B		1	Type 51019 Hand Telephone Assembly	B	16T700
1	Type 23135 Control Unit	B		1	Type 28002 Resistor Clips	C	16C20023
1	Type 51019 Hand Telephone Assembly	B	16T700	1	Type 631023, 3150 ohm, 10 watt, Type E Resistor	C	16R18230
2	Type 28002 Resistor Clips	C	16C20023	2	Type 23187 Receiver Transfer Panel	B	
1	Type 631023, 3150 ohm, 10 watt, Type E Resistor	C	16R18230	1	Type 23199 Transmitter Transfer Panel	B	
1	Type 23187 Receiver Transfer Panel	B		1	Type 23209 Radiophone Transfer Panel	B	
1	Type 23199 Transmitter Transfer Panel	B		1	Type 211649 Motor Generators	B	
1	Type 23209 Radiophone Transfer Panel	B		1	Model TCS Series Transmitting-Receiving Equipment	B	
1	Type 211649 Motor Generators	B		<u>SQUADRON COMMANDERS QUARTERS</u>			
1	Model TCS Series Transmitting-Receiving Equipment	B		1	Model REE Receiver	B	
<u>EMERGENCY RADIO STATION</u>				<u>OPEN BRIDGE</u>			
1	Model RAK Series Receiving Equipment	B		2	Type 49618 Telephone Receptacles	B	
1	Model RAL Series Receiving Equipment	B		2	Type 49546 Loudspeaker Units	B	
1	Model TBL Series Transmitting Equipment	B		<u>DIRECTOR PLATFORM</u>			
1	Type 50064 Modulator Equipment	B		1	Type 23211 Radiophone Unit	B	
2	Type 28002 Resistor Clips	C	16C20023				
1	Type 631023, 3150 ohm, 10 Watt, Type E, Resistor	C	16R18230				
1	Type 23146 Key-Control Panel	B					
1	Type 49063 Jackbox	B	16B10010				
1	Type 23190 Receiver Transfer Panel	B					
1	Type 23204 Transmitter Transfer Panel	B					
1	Model TCS Series Transmitting-Receiving Equipment	B					
2	Type 6B 5MB 100-AH Storage Batteries	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 August 1945	III	240A	RE IIA 100

TYPE  
**DMS**  
 19  
 ET. SEQ.

INSTALLATION  
 TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
 FOR  
 MINE SWEEPERS (HIGH SPEED)

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
	<u>ELSEWHERE</u>				<u>SEARCH AND IFF RADAR</u>		
Ø1	Model DAU Series Direction Finding Equipment	B		1	Medium Air Search Radar	B	
Ø1	Type 23135 Control Unit	B		1	Large Surface Search Radar	B	
Ø1	Type 51019 Hand Telephone Assembly	B	16T700	1	Model BL or BM Series Interrogator Responder	B	
Ø1	Type 49546 Loudspeaker Unit	B		2	Model BN Series Interrogator Responder	B	
5	Type 49620 Speaker-Amplifier Units	B		2	Model BK Series Transponders	B	
1	Model DAS Series Loran Equipment	B		2	Type CTZ-66AGC or CTZ-66AFJ Antennas	B	
				1	Type GCL - 211018 Motor Generators	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
					<u>RADAR REPEATERS</u>		
	<u>ANTENNA SYSTEM</u>				Stations listed in order of priority. Preference of model indicated by order of listing.		
6*	Type 28006A Receiver Protective Units	B	16P8800	1	Model VF (CIC)	B	
6*	Type 61471 Entrance Insulators	B		1	Model VK (VJ or VG-12" tube or VD) (Pilot House)	B	
6*	Type 63288 Static Leak Resistors	C	16R18225				
12*	Type 61493 Suspension Insulators	C	16I12145				
10*	Type 61479 Suspension Insulators	C	16I12105		<u>FIRE CONTROL RADAR EQUIPMENT</u>		
32*	Type 49120 Concentric Jacks	C	16J1200				
14*	Type 49123 Concentric Patchcord Assemblies	B		X1	Fire Control Radar Equipment MK4	B	
2*	Type 61475 Entrance			XX1	Fire Control Radar Equipment MK22	B	
2*	Type 61019C Entrance Insulators	B	16I5951	Y1	Fire Control Radar Equipment MK 28-0/3. (Replacing Mk 4 and MK22 where installed)	B	
10*	Type 61339 Pedestal Insulators	C	16I9838				
4*	Type 61175A Pedestal Insulators	C	1y19832				
1	Type 66143 Antenna Assembly				<u>SONAR MATERIAL</u>		
				1	Model QCL/QCJ Series Ranging Equipment	B	
				Ø1	Model QGB/QJB Series Ranging Equipment	B	
				1	Model NJ Series Sounding Equipment	B	
				##1	Model NK Series (Portable Sounding Equipment)	B	
				1	Range Recorder	B	
				Ø1	Bathy-Thermograph	B	
					<u>RCM MATERIAL</u>		
				1	Model RDO Series Receiver	B	
				1	Model RDJ Series Pulse Analyzer	B	
				1	Model RDP Series Panoramic Adapter	B	
				1	Model AN/SPR-2 Receiver	B	
				1	Model DBM-1 D/F System	B	

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

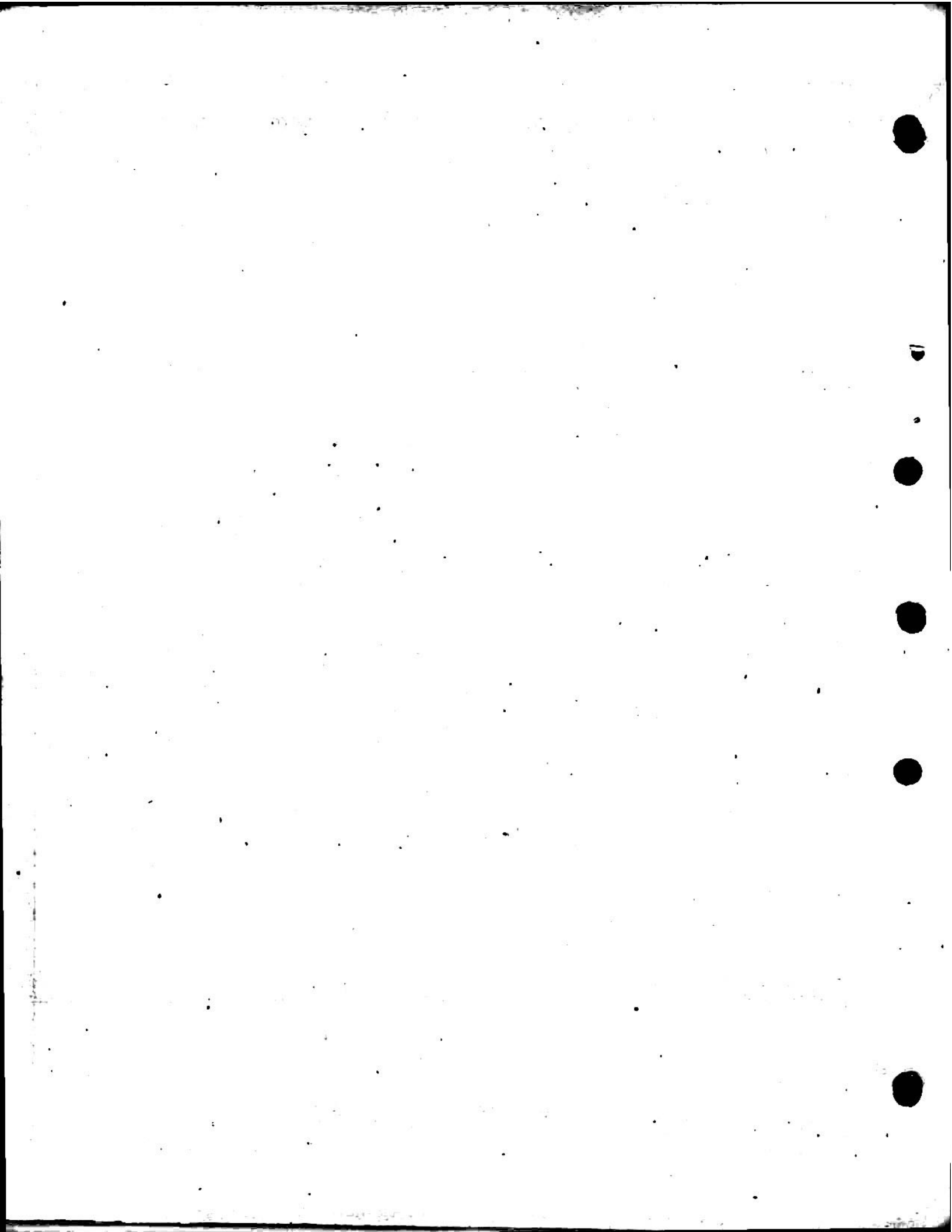
- X = To be replaced by MK28-3.
- Ø = Applicable to vessels specifically designated.
- Ø = Assignment by Commander Service Forces and Type Commanders
- # = Only installed on DMS 19-42.
- ## = Each Mine Squadron or Mine Division Flagship.
- O = Not allowed on DMS 31, 32, 37, 40, 41. To be removed from DMS 19-30 when Mk 28-3 is installed.
- Y = Allowed on DMS 19-42

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	240B	III	1 August 1945	1 December 1945







INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**LANDING CRAFT CONTROL**

TYPE
LCC

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO ROOM</u>							
1	Model LM Series Frequency Meter		B				
1	Model SCR-508 Transmitting-Receiving Equipment		B				
2	Model SCR-610 Transmitting-Receiving Equipment		B				
1	Model TCS Series Transmitting-Receiving Equipment		B				
1	Type 21910 Motor-Generator Unit		B				
<u>ANTENNA SYSTEM</u>							
1	Type 66053 Vertical Antenna		B				
1	Type 24223 Antenna Switch		B				
1	Type 61428 Antenna Supporting Insulator		B				
6*	Type 61175A Pedestal Insulators		B				
<u>RADAR MATERIAL</u>							
<u>SEARCH AND IFF RADAR</u>							
1	Small Surface Search Radar SOa/SO13		B				
1	Model BK Series Transponders		B				
1	Type CTZ 66ACG or CTZ 66AFJ Antenna		B				
<u>SONAR MATERIAL</u>							
1	Model NK Series (Portable) Sounding Equipment installed using hull mounted transducers.		B				
<u>RCM MATERIAL</u>							
None							

*QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

SPECIAL EXCEPTIONS AND REMARKS

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 June 1945	1 March 1945	III	248A	RE IIA 100

TYPE

LCC

FITTING - OUT

**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
LANDING CRAFT CONTROL**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
1	<u>TESTING EQUIPMENT</u> Type 10223 Repair Kit	B					
2 1 set	<u>MISCELLANEOUS EQUIPMENT AND MATERIALS</u> Type 49016 Head Telephone Assemblies Group "A" TCS Crystals	B B	16H3930				
1 2 1	<u>MISCELLANEOUS SPARES</u> Type 49016 Head Telephone Assemblies Type 61175A Pedestal Insulator Type 61428 Antenna Supporting Insulator	B C B	16H3930 16I9832 16I15045				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	245B	III	1 March 1945	1 June 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**LANDING CRAFT FLOTILLA FLAGSHIP**

TYPE
LC (FF)

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b>RADIO CENTRAL</b>				<b>ANTENNA SYSTEM</b>			
1	Model TDE Series Transmitting Equipment	B		5	Type 24206 Antenna Switches	B	16B10210
4	Model TCS Series Transmitting-Receiving Equipment	B		1	Type 610190 Entrance Insulator	B	16I5951
1	Model TBS Series Transmitting-Receiving Equipment	B		8	Type 61471 Entrance Insulators	B	
1	Model SCR-508 Transmitting-Receiving Equipment	B		15	Type 61175A Pedestal Insulator	C	16I9832
1	Model SCR-608 Transmitting-Receiving Equipment	B		12	Type 49120 Concentric Jacks	C	16J1200
2	Model SCR-610 Transmitting-Receiving Equipment	B		3	Type 49123 Concentric Patchcords	B	
1	Model RAO Series Receiving Equipment	B		15	Type 61481 Suspension Insulators	C	
1	Model RBL Series Receiving Equipment	B		9	Type 61479 Suspension Insulators	C	
1	Model RBS Series Receiving Equipment	B		3	Type 63288 Static-Leak Resistors	C	16R18225
1	Model LM Series Frequency Meter	B		7	Type 28006A Receiver Protective Units	B	16P8800
1	Type 23146 Key-Control Panel	B					
6	Type 49029 Jackboxes	B	16B10050				
2	Type 49063 Jackboxes	B	16B10010				
1	Type 23135 Control Unit	B					
1	Type 51019 Hand Telephone Assembly	B	16T700				
1	Type 62147 Junction Box	B					
2	Type 49546 Loudspeaker Units	B					
1	Type 211437 Motor Generator	B					
<b>ELSEWHERE</b>				<b>RADAR MATERIAL</b>			
1	Model RBO Series Receiving Equipment	B		1	Small Surface Search Radar Model SO-8	B	
4	Type 49620 Series Speaker-Amplifier Units	B		1	Model BN Series Interrogator-Responder	B	
2	Type 21806 Motor Generators	B		1	Model BK Series Transponders	B	
1	Type 23156 Motor Generator Transfer Panel	B		2	Type CTZ 66ACG or CTZ 66AFJ Antennas	B	
4	Type 211414 Motor Generators	B		1	Type GCL - 211014 Motor Generator	B	
4	Type 6V-8BM-200AH Storage Batteries	B	17B9545	4	Type 6V-8BM-15AH Storage Batteries	B	
<b>WHEELHOUSE</b>				<b>SEARCH AND IFF RADAR</b>			
1	Type 23381 Remote Control	B					
1	Type 23135 Control Unit	B					
1	Type 51019 Hand Telephone Assembly	B	16T700				
1	Type 49618 Telephone Receptacle	B					
1	Type 49546 Loudspeaker Unit	B					
1	Type 23270 Remote Control Unit	B					
<b>FLAG BRIDGE</b>				<b>SONAR MATERIAL</b>			
1	Type 23381 Control Unit	B					
1	Type 23370 Remote Control	B					
1	Type 49618 Control Unit	B					
				<b>RCM MATERIAL</b>			
				None			

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 June 1945	III	249A	RE IIA 100

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">TYPE</td> </tr> <tr> <td style="text-align: center; font-size: 2em;">LC (FF)</td> </tr> </table>	TYPE	LC (FF)	FITTING OUT <b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b> FOR <b>LANDING CRAFT FLOTILLA FLAGSHIP</b>
TYPE			
LC (FF)			

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (CONT'D)</u>			
	Model OAP Series Frequency Meter	B		1	Screwdriver, common, 3" blade	C	4181101
1	Model TS-182/UP Frequency Meter	B		1	Screwdriver, common, 6" blade	C	4181104
1	Model OBL Series Oscilloscope	B		1	Screwdriver, common, 8" blade	C	4181106
1	Model OZ Series Tube Tester	B		1	Screwdriver, slim-shank, 6" blade	C	4181156
1	Model OBQ VT Volt Ohm Milliammeter	B		1	Screwdriver, Phillips, 3" blade #1point	C	4181645-15
1	Model TS-89/AP Voltage Divider	B		1	Screwdriver, Phillips, 4" blade #2 point	C	4181645-20
1	Type 10223 Repair Kit	B		1	Screwdriver, Phillips, 8" blade #4 point	C	4181645-30
1	Type 10498 Terminal Kit	B		1	Set Wrenches, socket, hollowshank	B	41W2623-425
					Set Wrenches, setscrew, (Allen#604 or equal)	B	
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
1	Model OAH Series Code Practice Equipment	B					
3	*type 49016 Hand Telephone Assemblies	B	16H3930				
2	Type 51004C Microphone Assemblies	B	16M2352				
4	Set Group "A" TCS Crystals	B					
1	Type 49095 Patchcord						
2	Type 51082 Hand Telephone Assemblies	B					
<u>MISCELLANEOUS SPARES</u>							
2	Type 49016 Hand Telephone Assemblies	B	16H3930				
1	Type 51004C Hand Telephone Assembly	B	16M2352				
1	*type 61019C Entrance Insulators	B	16I12105				
4	Type 61471 Entrance Insulators	B					
3	Type 61175A Pedestal Insulators	C	16I9832				
8	Type 61481 Suspension Insulators	C					
5	Type 61479 Suspension Insulators	C					
1	*type 51082 Hand Telephone Assembly	B					
<u>TOOLS</u>							
6	Blades, Hacksaw, type "B", 18 teeth	C	16B3740				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Drill, hand 3/8" capacity	C	41C1062				
1	Set Drills, twist, carbon-steel, Type "K"	B	40D1250				
1	File, flat 6"	C	41F870				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists, 1/2 lb.	C	41H521				
1	Iron, soldering, electric, light duty	B	41I688				
1	Pliers, combination, slip-joint, 6"	B	41P631				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, round nose, short, 6"	C	41P1914				
1	Pliers, side cutting, flat nose, 6"	C	41P1974				
1	Pliers, long nose, 6" (Utica #655 or equal)	C	41P1991				
1	Punch, center 3/8"	C	41T3185				
1	Rule, multiple folding, wood	C	41F2844				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	249B	III	1 June 1945	1 December 1945



**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**LANDING CRAFT INFANTRY (GUNBOAT)**

<b>TYPE</b>
<b>LCI(G)</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO ROOM</u>							
1	Model RBO Series Receiving Equipment	B					
#1	Model SCR-608 Transmitting-Receiving Equipment	B					
2	Model TCS Series Transmitting-Receiving Equipments	B					
#1	Model TCS Series Transmitting-Receiving Equipment	B					
#2	Type 49029 Jackboxes	B	16B10050				
1	Model LM Series Frequency Meter	B					
#1	Model SCR-610 Transmitting-Receiving Equipment	B					
1	Type 211437 Motor Generator	B					
<u>CONNING STATION</u>							
1	Model SCR-610 Transmitting-Receiving Equipment	B					
#1	Type 49546 Loudspeaker Unit	B					
3	Type 49618 Telephone Receptacle	B					
<u>RADAR MATERIAL</u>							
<u>SEARCH AND IFF RADAR</u>							
1	Medium Surface Search Radar Model SO-4	B		1	Model BM Series Interrogator Responder	B	
1	Model BK Series Transponders	B		1	Model BK Series Transponders	B	
2	Type GTZ 66AGG or GTZ 66AFJ Antennas	B		2	Type GTZ 66AGG or GTZ 66AFJ Antennas	B	
1	Type CCL - 211014 Motor Generator	B		1	Type CCL - 211014 Motor Generator	B	
4	Type 6V-8BM-15AH Storage Batteries	B	17B9545	4	Type 6V-8BM-15AH Storage Batteries	B	17B9490
<u>ELSEWHERE</u>							
2	Type 211133 Motor Generators	B					
2	Type 211414 Motor Generators	B					
3	Type 49620 Series Speaker-Amplifier Units	B					
4	Type 6 V. 8BM 200 AH Storage Batteries	B	17B9545				
<u>ANTENNA SYSTEM</u>							
2	Type 24206 Antenna Switches	B	16S10205				
#1	Type 24206 Antenna Switches	B	16S10205				
5*	Type 49120 Concentric Jacks	C	16J1200				
4*	Type 49123 Concentric Patchcords	B					
1	Type 61428 Antenna Supporting Insulator	B	16I5045				
#1	Type 61428 Antenna Supporting Insulator	B	16I5045				
3*	Type 61471 Entrance Insulators	B					
3*	Type 61479 Suspension Insulators	C					
1	Type 61481 Suspension Insulators	C					
1	Type 66053 Vertical Antenna	B					
#1	Type 66053 Vertical Antenna	B					
10	Type 61175A Pedestal Insulators	B					
<u>WHEELHOUSE</u>							
1	Type 49618 Telephone Receptacle	B					
1	Model MBF Series Transmitting-Receiving Equipment	B			None		
1	Type 62147 Junction Box	B					
<u>RCM MATERIAL</u>							
None							

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

# = One Additional Equipment for Flagships

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 November 1945	III	250A	RE IIA 100

FITTING - OUT

TYPE  
LCI  
(G)

TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
LANDING CRAFT INFANTRY (GUNBOAT)

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>							
#1	Model OAP Frequency Meter	B					
#1	Model TS-182/UP Frequency Meter	B					
1	Model OBL Series Oscilloscope	B					
1	Model OZ Series Tube Tester	B					
#1	Model OBQ VT Volt Ohm Milliammeter	B					
#1	Model TS-89/AP Voltage Divider	B					
1	Type 10223 Repair Kit	B					
#1	Type 10498 Terminal Kit	B					
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
1	Model OAH Series Code Practice Oscillator	B					
3	Type 49016 Telephone Assemblies	B	16H3930				
5	Type 51082 Hand Telephone Assemblies	B					
2 set	Group "A" TCS Crystals	B					
1 set	Group "A" TCS Crystals	B					
3	Type 49006B Telephone Plugs	B					
<u>MISCELLANEOUS SPARES</u>							
2	Type 49016 Head Telephone Assemblies	B	16H3930				
1	Type 61471 Entrance Insulators	B					
2	Type 61479 Suspension Insulators	C					
2	Type 61481 Suspension Insulators	C					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES.

SPECIAL EXCEPTIONS AND REMARKS

# = Additional Equipment for Flagships.  
 \* = One for each Group and Flotilla Flagship.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	250B	III	1 November 1945	1 December 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**LANDING CRAFT INFANTRY**

TYPE
LCI (L)

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<b>RADIO ROOM</b>				<b>COMBAT INFORMATION CENTER (Cont.)</b>		
1	Model RBC Series Receiving Equipment	B		1	Type 211437 Motor Generator	B	
1	Model SCR-608 Transmitting-Receiving Equipment	B					
1	Model TCS Series Transmitting-Receiving Equipment	B					
ø2	Type 6V-SBM-100AH Storage Batteries	B	1789533				
4	Type 6V-SBM-100AH Storage Batteries	B	1789533				
1	Type 49029 Jackbox	B	16810050				
1	Type 211437 Motor Generator	B					
	<b>ANTENNA SYSTEM</b>				<b>RADAR MATERIAL</b>		
1	Type 2420b Antenna Switch	B	16810205				
1	Type 49120 Concentric Jack						
1	Type 49123 Concentric Patchcord						
3*	Type 61481 Suspension Insulators	C	16112130				
3	Type 61479 Suspension Insulators						
5*	Type 61175A Pedestal Insulators	C	1619832				
3*	Type 61471 Entrance Insulators	B					
ø1	Type 24206 Antenna Switch	B	16810205		<b>SEARCH AND IFF RADAR</b>		
ø8*	Type 61175A Pedestal Insulators	C	1619832				
	<b>ELSEWHERE</b>						
4	Type 6V-SBM-200AH Storage Batteries	B	1689545	ø1	Small Surface Search Radar Model SO-S	B	
1	Type 21800 Motor Generator Set			ø1	Model BN Series Interrogator-Responder	B	
3	Type 49620 Series Speaker Amplifier Units			1	Model BK Series Transponders	B	
				+1	Type CTZ 66ACG or CTZ 66AFJ Antenna	B	
				1	Type GCL - 211014 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	
					<b>SONAR MATERIAL</b>		
					None		
	<b>CONNING STATION</b>				<b>RCM MATERIAL</b>		
2	Type 49618 Telephone Receptacle				None		
ø2	Type 49618 Telephone Receptacle						
1	Model SCR-610 Transmitting-Receiving Equipment						
1	Type 49546 Loudspeaker Unit						
1	Model MBF Series Transmitting-Receiving Equipment	B					
	<b>COMBAT INFORMATION CENTER (FLAGSHIPS ONLY)</b>						
ø1	Model TCS Series Transmitting-Receiving Equipment	B					
ø1	Type 49029 Jackbox	B					
ø1	Type 49578 Microphone Jack or equivalent	B					
ø1	Type 49620 Series Speaker-Amplifier Unit	B					
ø2	Type 62147 Junction Box	B					
ø1	Model SCR-608 Transmitting-Receiving Equipment						
ø1	Model SCR-610 Transmitting-Receiving Equipment						

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

- 1 - Allowed each Group Flagship.
- + - One Additional allowed each Group Flagship.
- ø - Additional material for Flagships.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 August 1945	III	251A	RE IIA 100

TYPE

FITTING - OUT

**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
LANDING CRAFT INFANTRY**

**LCI  
(L)**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>							
+ #2	Model LM Series Frequency Meter	B					
#1	Model TS-182/UP Frequency Meter	B					
#1	Model OAP Series Frequency Meter	B					
#1	Model OBL Series Oscilloscope	B					
#1	Model OZ Series Vacuum Tube Analyzer	B					
1	Type 10223 Repair Kits	B					
#1	Type 10498 Terminal Kit	B					
#1	Model OBQ VT Volt Ohm Milliammeter	B					
#1	Model TS-89/AP Voltage Divider	B					
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
1	Model OAH Series Code Practice Oscillator	B					
4	Type 49016 Head Telephone Assemblies	B	16H3930				
ø2	Type 49016 Head Telephone Assemblies	B	16H3930				
1 set	Group "A" TCB Crystals	B					
ø 2 sets	Group "A" TCB Crystals	B					
1	Type 49006B Telephone Plug	C					
ø2	Type 51082 Hand Telephone Assemblies	B					
1	Type 51082 Hand Telephone Assembly	B					
<u>MISCELLANEOUS SPARES</u>							
2	Type 49016 Head Telephone Assembly	B	16H3930				
2	Type 61481 Suspension Insulators	C	16I12130				
1	Type 61175A Pedestal Insulator	C	16I9832				
1	Type 61471 Entrance Insulator	B					
100 Ft.	7-#18 Bronze Antenna Wire	C	16W3740				
ø1	Type 49016 Head Telephone Assembly	B	16H3930				
ø2	Type 61175A Pedestal Insulators	C	16I9832				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

ø = Additional Material for Flotilla and Group Flagships.  
# = Additional Material for Group Flagships Only.  
+ = Battery Operated

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	251B	III	1 August 1945	1 December 1945

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**LANDING CRAFT INFANTRY - CONVERSION TO MORTAR**

<b>TYPE</b>
<b>LCI</b>
<b>(M)</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b><u>RADIO ROOM</u></b>				<b><u>COMBAT INFORMATION CENTER (Cont.)</u></b>			
1	Model RBO Series Receiving Equipment	B		1	Type 211437 Motor Generator	B	
1	Model SCR-608 Transmitting-Receiving Equipment	B					
1	Model TCS Series Transmitting-Receiving Equipment	B					
#2	Type 6V-SBM-100AH Storage Batteries	B					
1	Type 49029 Jackbox	B					
4	Type 6V-SBM-100AH Storage Batteries	B					
1	Type 211437 Motor Generator	B					
<b><u>ANTENNA SYSTEM</u></b>				<b><u>RADAR MATERIAL</u></b>			
1	Type 24206 Antenna Switch	B					
1	Type 49120 Concentric Jack	B					
1	Type 49123 Concentric Patchcord	B					
*3	Type 61481 Suspension Insulators	B					
3	Type 61479 Suspension Insulators	B					
*5	Type 61175A Pedestal Insulators	B					
*3	Type 61471 Entrance Insulators	B					
#1	Type 24206 Antenna Switch	B					
#8*	Type 61175A Pedestal Insulators	B					
<b><u>ELSEWHERE</u></b>				<b><u>SEARCH AND IFF RADAR</u></b>			
4	Type 6V-SBM-200AH Storage Batteries	B					
1	Type 21500 Motor Generator Set	B					
3	Type 49620 Series Speaker-Amplifier Units	B					
<b><u>CONNING STATION</u></b>				#1 Small Surface Search Radar Model SO-8 B #1 Model BN Series Interrogator-Responder B 1 Model BK Series Transponders B +1 Type CTZ 66ACG or CTZ 66AFJ Antenna B 1 Type CCL - 211014 Motor Generator B 4 Type 6V-SBM-15AH Storage Batteries B			
2	Type 49618 Telephone Receptacles	B					
#2	Type 49618 Telephone Receptacles	B					
1	Model SCR-610 Transmitting-Receiving Equipment	B					
1	Type 49546 Loudspeaker Unit	B					
<b><u>COMBAT INFORMATION CENTER (FLAGSHIPS ONLY)</u></b>				<b><u>SONAR MATERIAL</u></b>			
#1	Model TCS Series Transmitting-Receiving Equipment	B					
#1	Model SCR-608 Transmitting-Receiving Equipment	B					
#1	Model SCR-610 Transmitting-Receiving Equipment	B					
#1	Type 49029 Jackbox	B					
#1	Type 49578 Microphone Jack or equivalent	B					
#1	Type 49620 Series Speaker-Amplifier Unit	B					
#2	Type 62147 Junction Box	B					
				<b><u>RCM MATERIAL</u></b>			
				None			

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

- # = Allowed each Group Flagship.
- + = One additional allowed each Group Flagship.
- # = Additional material for Flagships.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 August 1945	III	252A	RE IIA 100





FITTING - OUT

**TYPE ALLOWANCE OF RADIO MATERIAL  
FOR  
LANDING CRAFT INFANTRY - CONVERSION TO MORTAR**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>							
*#2	Model LM Series Frequency Meter	B					
#1	Model TS-182/UP Frequency Meter	B					
#1	Model OAP Series Frequency Meter	B					
#1	Model OBL Series Oscilloscope	B					
#1	Model OZ Series Vacuum Tube Analyzer	B					
1	Type 10223 Repair Kts	B					
#1	Type 10498 Terminal Kit	B					
#1	Model OBQ VT Volt Ohm Milliammeter	B					
#1	Model TS-89/AP Voltage Divider	B					
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
1	Model OAH Series Code Practice Oscillator	B					
4	Type 49016 Head Telephone Assemblies	B	16H3930				
#2	Type 49016 Head Telephone Assemblies	B	16H3930				
1 set	Group "A" TCS Crystals	B					
#2sets	Group "A" TCS Crystals	B					
1	Type 49006B Telephone Plug	C					
#2	Type 51082 Hand Telephone Assemblies	B					
1	Type 51082 Hand Telephone Assembly	B					
<u>MISCELLANEOUS SPARES</u>							
2	Type 49016 Head Telephone Assembly	B	16H3930				
2	Type 61481 Suspension Insulators	C	16I12130				
1	Type 61175A Pedestal Insulator	C	16I9832				
1	Type 61471 Entrance Insulator	B					
100 ft	7-#18 Bronze Antenna Wire	C	16W3740				
#1	Type 49016 Head Telephone Assembly	B	16H3930				
#2	Type 61175A Pedestal Insulators	C	16I9832				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

§ = Additional Material for Flotilla and Group Flagships.  
# = Additional Material for Group Flagships Only.  
+ = Battery Operated.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	252B	III	1 August 1945	1 December 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**LANDING CRAFT INFANTRY (ROCKET)**

TYPE
<b>LCI (R)</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<b>RADIO ROOM</b>						
1	Model RBO Series Receiving Equipment	B					
1	Model SCR-608 Transmitting-Receiving Equipment	B					
2	Model TCS Series Transmitting-Receiving Equipments	B					
#1	Model TCS Series Transmitting-Receiving Equipment	E					
2	Type 49029 Jackboxes	B	6B10050				
#1	Model SCR-610 Transmitting-Receiving Equipment	B					
1	Type 211437 Motor Generator	B					
	<b>GONNING STATION</b>						
1	Model SCR-610 Transmitting-Receiving Equipment	B					
1	Type 49546 Loudspeaker Unit	B					
2	Type 49618 Telephone Receptacle	B					
	<b>ELSEWHERE</b>						
2	Type 21800 Motor Generators	B					
2	Type 211414 Motor Generators	B					
3	Type 49620 Series Speaker-Amplifier Units	B					
4	Type 6V. 8BM 200 AH Storage Batteries	B	17B9545				
	<b>ANTENNA SYSTEM</b>						
2	Type 24206 Antenna Switches	B	16S10205				
#1	Type 24206 Antenna Switches	B	16S10205				
5*	Type 49120 Concentric Jacks	C	16J1200				
4*	Type 49123 Concentric Patchcords	B					
1	Type 61428 Antenna Supporting Insulator	B	16I5045				
#1	Type 61428 Antenna Supporting Insulator	B	16I5045				
3*	Type 61471 Entrance Insulators	B					
3*	Type 61479 Suspension Insulators	C					
3*	Type 61481 Suspension Insulators	C					
1	Type 66053 Vertical Antenna	B					
#1	Type 66053 Vertical Antenna	B					
	<b>WHEELHOUSE</b>						
1	Type 49618 Telephone Receptacle	B					
1	Model MBF Series Transmitting-Receiving Equipment	B					
	<b>RADAR MATERIAL</b>						
	<b>SEARCH AND IFF RADAR</b>						
1	Medium Surface Search Radar Model SO-4	B					
1	Model BN Series Interrogator Responder	B					
1	Model BK Series Transponders	B					
2	Type CTZ 66ACG or CTZ 66AFJ Antennas	B					
1	Type CCL - 211014 Motor Generator	B					
4	Type 6V-SBM-15AH Storage Batteries	B				17B9490	
	<b>SONAR MATERIAL</b>						
	None						
	<b>RCM MATERIAL</b>						
	None						

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

# = Additional Equipment for Flagships.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 August 1945	III	253A	RE IIA 100

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">TYPE</td></tr> <tr><td style="text-align: center; font-size: 2em;">LCI</td></tr> <tr><td style="text-align: center;">(R)</td></tr> </table>	TYPE	LCI	(R)	<p>FITTING - OUT</p> <p><b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b></p> <p>FOR</p> <p><b>LANDING CRAFT INFANTRY (ROCKET)</b></p>
TYPE				
LCI				
(R)				

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>							
*#1	Model LM Series Frequency Meter	B					
#1	Model OAP Series Frequency Meter	B					
#1	Model TS-182/UP Frequency Meter	B					
#1	Model OBL Series Oscilloscope	B					
#1	Model OZ Series Tube Tester	B					
#1	Model OBQ VT Volt Ohm Milliammeter	B					
1	Model TS-89/AP Voltage Divider	B					
1	Type 10223 Repair Kit	B					
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
1	Model OAH Series Code Practice Oscillator	B					
3	Type 49016 Telephone Assemblies	B	16H3930				
3	Type 51082 Hand Telephone Assemblies	B					
2 sets	Group "A" TCS Crystals	B					
#1 set	Group "A" TCS Crystals	B					
<u>MISCELLANEOUS SPARES</u>							
2	Type 49016 Hand Telephone Assemblies	B	16H3930				
1	Type 61471 Entrance Insulators	B					
2	Type 61479 Suspension Insulators	C					
2	Type 61481 Suspension Insulators	C					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

# = Battery Operated  
 \* = Additional Equipment for Flagships.  
 # = Two for each Group and Flotilla Flagship.  
 † = One for each Group and Flotilla Flagship.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	253B	III	1 August 1945	1 December 1945

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**LANDING CRAFT SUPPORT— (LARGE)**

<b>TYPE</b>
<b>LCS(L)</b>
<b>(3)</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b>RADIO ROOM</b>							
1	Model RBO Series Receiving Equipment	B					
1	Model SCR-608 Transmitting-Receiving Equipment	B					
2	Model TCS Series Transmitting-Receiving Equipment	B					
2	Type 49029 Jackboxes	B	16B10050				
1	Model LM Series Frequency Meter	B					
1	Type 211437 Motor Generator	B					
<b>ANTENNA SYSTEM</b>							
2	Type 24206 Antenna Switch	B	16B10205				
1	Type 49120 Concentric Jack						
1	Type 49123 Concentric Patchcord						
6*	Type 61481 Suspension Insulators	C	16I12130				
3	Type 61479 Suspension Insulators						
10*	Type 61175A Pedestal Insulators	C	16I9832				
4*	Type 61471 Entrance Insulators	B					
<b>RADAR MATERIAL</b>							
<b>SEARCH AND IFF RADAR</b>							
1	Small Surface Search Radar SC-2	B					
1	Model BN Series Interrogator-Responder	B					
1	Model BK Series Transponders	B					
2	Type CTZ 66ACG or CTZ 66AFJ Antennas	B					
1	Type GCL - 211018 Motor Generator	B					
4	Type 6V-SBM-15AH Storage Batteries	B					
<b>SONAR MATERIAL</b>							
1	Model NJ Series Sounding Equipment	B					
<b>RCM MATERIAL</b>							
None							
<b>ELSEWHERE</b>							
2	Type 49620 Series-Speaker Amplifier Units						
<b>CONNING STATION</b>							
2	Type 49618 Telephone Receptacle						
1	Model SCR-610 Transmitting/Receiving Equipment	B					
1	Type 49546 Loudspeaker Unit	B					
1	Model MBF Series Transmitting/Receiving Equipment	B					

**QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES**

**SPECIAL EXCEPTIONS AND REMARKS**

**THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 August 1945	III	254A	RE IIA 100

TYPE

LCS  
(L)(3)

FITTING - OUT

TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
LANDING CRAFT SUPPORT (LARGE)

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>							
#1	Model OAP Series Frequency Meter	B					
#1	Model TS-182/UP Frequency Meter	B					
1	Model OBL Series Oscilloscope	B					
1	Model OZ Series Tube Tester	B					
#1	Model OBQ VT Volt Ohm Milliammeter	B					
1	Model TS-89/AP Voltage Divider	B					
1	Type 10223 Repair Kit	B					
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
1	Model OAH Series Code Practice Oscillator						
2 set	Group "A" TCE Crystals	C					
2	Type 49006B Telephone Plugs	B	16H3930				
4	Type 49016 Head Telephone Assemblies	B					
1	Type 51082 Hand Telephone Assembly	B					
<u>MISCELLANEOUS SPARES</u>							
2	Type 49016 Head Telephone Assemblies	B	16H3930				
3	Type 61481 Suspension Insulators	C	16I12130				
2	Type 61175A Pedestal Insulators	C	16I9832				
2	Type 61471 Entrance Insulators	B					
100 ft	7-#18 Bronze Antenna Wire	C	16W3740				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

# = One for each Group and Flotilla Flagship.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	254B	III	1 August 1945	1 December 1945



INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**LCT (LANDING CRAFT TANK)**

TYPE
LCT

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>PILOT HOUSE</u>							
1	Model TCS Series Transmitting-Receiving Equipment	B					
1	Model SCR-610 Transmitting-Receiving Equipment	B					
1	Type 49006B Telephone Plug	C					
1	Type 49007A Microphone Plug						
1	Type 49029 Jackbox						
1	Type 4957A Microphone Jack						
<u>ANTENNA SYSTEM</u>							
Ø1	Type 24223 Antenna Switch	B	16S10210				
1	Type 49120 Concentric Jack						
1	Type 49123 Concentric Patchcord						
3	Type 61479 Suspension Insulators						
4*	Type 61174B Pedestal Insulators	C	16I9829		RADAR MATERIAL		
2*	Type 61175A Pedestal Insulators						
#2	Type 61175 Pedestal Insulators						
Ø1	Type 61428 Antenna Supporting Insulator	B	16I5045				
Ø1	Type 66053 Vertical Antenna	B			<u>SEARCH AND IFF RADAR</u>		
2	Type 61471 Entrance Insulator	B	16I5172		1 Model BK Series Transponders	B	
					1 Type CTZ 66ACG or CTZ 66AFJ Antenna	B	
					1 Type CCL - 211014 Motor Generator	B	
<u>ELSEWHERE</u>							
1	Model RBO Series Receiving Equipment						
#1	Model TCS Series Transmitting-Receiving Equipment	B					
1	Type 21800 Motor Generator set						
2	Type 49680 Series Speaker Amplifier Units						
<u>CONNING STATION</u>							
1	Type 49618 Telephone Receptacle				None		
<u>SONAR MATERIAL</u>							
None							
<u>RCM MATERIAL</u>							
None							

**QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES**

SPECIAL EXCEPTIONS AND REMARKS

Ø = Two (2) for Flotilla and Group Flagships.  
 # = Additional equipment for Flotilla and Group Flagships only.

**THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	10 July 1945	III	255A	RE IIA 100

TYPE  
LCT

FITTING - OUT  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
LCT (LANDING CRAFT TANK)

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>							
#1	Model LM Series Frequency Meter (Battery Operated)	B					
#1	Model OZ Series Vacuum Tube Analyzer	B					
#2	Type 10223 Repair Kits	B					
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
1	Type 49016 Hand Telephone Assembly	B	16H3930				
#1 set	Group "A" TCS Crystals	B					
1	Type 51082 Hand Telephone Assembly	B					
<u>MISCELLANEOUS SPARES</u>							
1	Type 49016 Hand Telephone Assembly	B	16H3930				
1	Type 61174B Pedestal Insulator	C	16I9829				
1	Type 61175A Pedestal Insulator	C	16I9832				
1	Type 61428 Antenna Supporting Insulator	C					
1	Type 61471 Entrance Insulator	B					
1	Type 66053 Vertical Antenna	B					
<u>TOOLS</u>							
1	Pliers combination, slip-joint, 6"	C	41P1631				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Screwdriver, common 3" blade	C	41S1101				
1	Screwdriver, common 8" blade	C	41S1106				
1	Screwdriver, slim-shank, 6"	C	41S1156				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

Ø = 2 for Flotilla and Group Flagships.  
# = Additional Material for Flotilla and Group Flagships only.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	255B	III	10 July 1945	1 August 1945



<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; padding: 2px;">TYPE</td> </tr> <tr> <td style="text-align: center; padding: 10px; font-size: 24px; font-weight: bold;">LSD</td> </tr> </table>	TYPE	LSD	<p><b>INSTALLATION</b></p> <p><b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b></p> <p><b>FOR</b></p> <p><b>LANDING SHIPS DOCK</b></p>
TYPE			
LSD			

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
					<u>SEARCH AND IFF RADAR</u>		
				1	Medium Air Search Radar Model SA-2/3	B	
				1	Medium Surface Search Radar	B	
				1	Model BN Series Interrogator Responder	B	
				1	Model BL or BM Series Interrogator/Responder	B	
				2	Model BK Series Transponders	B	
				2	Type CTZ 66ACG or CTZ 66AFJ Antennas	B	
				1	Type CCL 211014 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
					<u>RADAR REPEATERS</u>		
					Preference of model indicated by order of listing.		
				1	Radar Repeater Model VH (or VD or VC) (Open Bridge)	B	
					<u>SONAR MATERIAL</u>		
				1	Model NJ Series Sounding Equipment	B	
					<u>RCM MATERIAL</u>		
					None		

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	259B	III	1 November 1945	1 December 1945

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**LSD (LANDING SHIPS DOCK)**

TYPE  
**LSD**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Continued)</u>			
1	Model OBU-2, 3 Echo Box (for each SL)	B		1	Pliers, round nose, short, 4"	C	41P1910
1	Model OZ Series Vacuum Tube Analyzer	B		1	Pliers, round nose, short, 6"	C	41P1914
3	Type 10223 Repair Kits	B		1	Pliers, side cutting, flat nose, 6"	C	41P1974
1	Model OBL Series Oscilloscope	B		1	Pliers, side cutting, flat nose, 8"	C	41P1977
1	Model TB-182/UP Frequency Meter	B		1	Pliers, long nose, 6"	C	41P1991
1	Model OAP Frequency Meter	B		1	Punch, center, 3/8"	C	41T3185
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>				<u>MISCELLANEOUS SPARES</u>			
1	Model OAH Series Code Practice Oscillator			1	Screwdriver, common, 3" blade	C	41S1101
6	Type 49016 Hand Telephone Assemblies	B	16H3930	1	Screwdriver, common, 4" blade	C	41S1102
3	Type 51004C Hand Microphone Assemblies			1	Screwdriver, common, 6" blade	C	41S1104
1 set	Group "A" TOS Crystals	B		1	Screwdriver, common, 8" blade	C	41S1106
3	Type 51082 Hand Telephone Assemblies	B		1	Screwdriver, common, 12" blade	C	41S1110
4	Model SCR-610 Transmitting-Receiving Equipment	B		1	Screwdriver, slim-shank, 6" blade	C	41S1166
3	Type 49016 Hand Telephone Assemblies	B	16H3930	1	Screwdriver, Phillips 3" blade #1 point	C	41S1645-15
2	Type 51004C Hand Microphone Assemblies			1	Screwdriver, Phillips 4" blade #2 point	C	41S1645-20
2	Type 61493 Suspension Insulators	C	16112145	1	Screwdriver, Phillips 8" blade #4 point	C	41S1645-30
2	Type 61481 Suspension Insulators	C	16112130	1	Torch gasoline, 1 quart	B	41T3645
2	Type 61019C Entrance Insulators	B	1615951	1	Vise, bench, Class A, 3" jaws	B	41V242
1	Type 61475 Entrance Insulators	B		1	Wrench, open-end, 15° double-head 7/16" and 1/2"	C	41W1000
1	Type 61175A Pedestal Insulators	C	1619832	1	Wrench, open-end, 15° double-head 9/16" and 5/8"	C	41W1005
3	Type 61339 Pedestal Insulators	C	1619838	1	Wrench, open-end, 15° double-head 5/8" and 3/4"	C	41W1008
2	Type 61471 Entrance Insulators	B		1	Wrench, open-end, 15° double-head 3/4" and 13/16"	C	41W1012
1	Type 631023 Resistor, 3150 ohms, Style E	C	16R8230	1 set	Wrench, open-end, 15° double-head 7/8" and 15/16"	C	41W1019
300 ft	7-#18 Bronze Antenna Wire	C	16W3740	1 set	Wrench, open-end, 15° double-head 1" and 1-1/8"	C	41W1024
300 ft	5/16" dia. (6x19) Bronze Wire Rope	C	22R200	1 set	Wrenches, socket, hollow-shank	B	41W2623-425
					Wrenches, setscrew (Allen #804 or equal)	B	
<u>TOOLS</u>							
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Chisel, machinists' hand 1/4"	C	41C1052				
1	Chisel, Machinists' hand 3/8"	C	41C1062				
1	Cutter, circle, 1" to 5-1/2", 1/2" round shank, (Pawood #5 or equal)	C					
1	Drill, hand, 3/8" capacity	C	41D1828				
1	Drill, breast, 1/2" capacity	B	41D1163				
1 set	Drills, twist, carbon-steel, type "I"	B	40D1250				
1	File, flat, 6"	C	41F870				
1	File, flat, 8"	C	41F872				
1	File, flat, 10"	C	41F874				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists', 1/2 lb.	C	41H521				
1	Iron, soldering, electric, light duty	B	41I688				
1	Iron, soldering, electric, medium duty	B	41I691				
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, combination, slip-joint, 8"	C	41P1633				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				

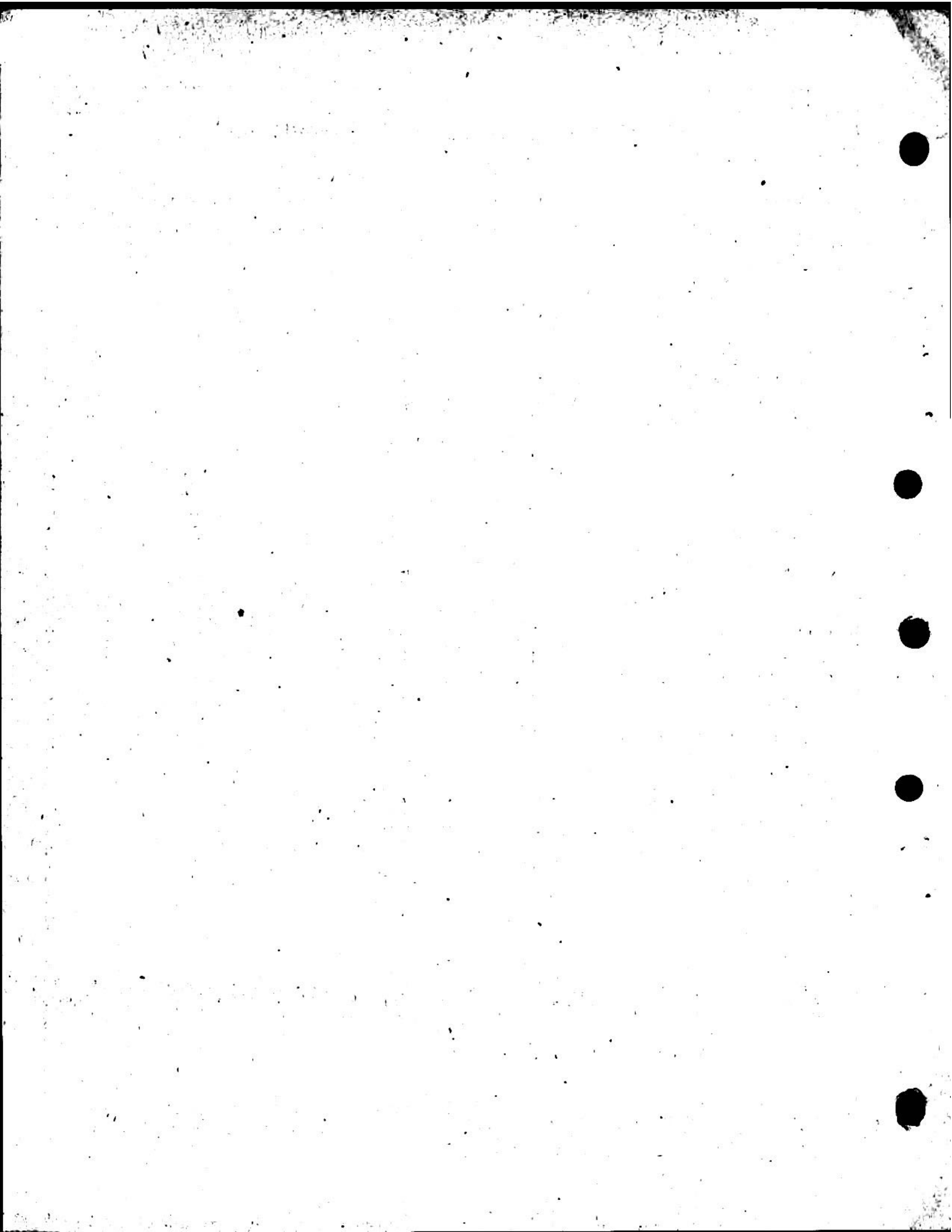
QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	1 June 1945	III	2590	RE IIA 100





INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**LANDING SHIPS MEDIUM**

TYPE
<b>LSM</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b>RADIO ROOM</b>							
1	Model RBO Series Receiving Equipment	B					
# 1	Model TCS Series Transmitting-Receiving Equipment	B					
# 1	Model SCR-510 Transmitting-Receiving Equipment	B					
1	Model SCR-608 Series Transmitting-Receiving Equipment	B					
# 1	Model SCR-610 Series Transmitting-Receiving Equipment	B					
1	Type 49006B Telephone Plug	B					
1	Type 49007A Microphone Plug	B					
# 1	Type 49029 Jackbox	B					
# 1	Type 49618 Telephone Receptacle	B					
<b>ANTENNA SYSTEM</b>							
# 1	Type 24206 Antenna Switch	B					
3	Type 49120 Concentric Jack	C	16J1200				
2	Type 49123 Concentric Patchcord	B					
3*	Type 61471 Entrance Insulators	B					
2*	Type 61479 Suspension Insulators	C	16I12105				
6*	Type 61481 Suspension Insulators	C	16I12130				
<b>PILOT HOUSE</b>							
2	Type 49618 Telephone Receptacles	B					
# 1	Type 49618 Telephone Receptacles	B					
1	Type 62147 Junction Box	B					
1	Model MBF Series Transmitting-Receiving Equipment	B					
<b>CONNING STATION</b>							
3	Type 49618 Telephone Receptacles	B					
# 1	Type 49618 Telephone Receptacles	B					
1	Type 49546 Loudspeaker Unit	B					
<b>ELSEWHERE</b>							
# 4	Type 6V-SBM-200AH Storage Batteries	B	17B9533				
1	Type 211649 Motor Generator	B					
3	Type 49620 Series Speaker-Amplifier Units	B					
<b>RADAR MATERIAL</b>							
<b>SEARCH AND IFF RADAR</b>							
				1	Small Surface Search Radar Model SO-8	B	
				1	Model BN Series Interrogator-Responder	B	
				1	Model BK Series Transponders	B	
				2	Type CTZ 66ACG or CTZ 66AFJ Antennas	B	
				1	Type GCL - 211014 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
<b>SONAR MATERIAL</b>							
None							
<b>RCM MATERIAL</b>							
None							

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

\* = Two (2) for Flagships.  
 # = Additional Material for Flagships.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 August 1945	III	260A	RE IIA 100

TYPE  
LSM

FITTING - OUT  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
LANDING SHIPS MEDIUM

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>							
+ #1	Model LM Series Frequency Meter	B					
#1	Model OBQ 5T Volt Ohm Milliammeter	B					
#1	Model OAP Series Frequency Meter	B					
1	Model OZ Series Vacuum Tube Analyzer	B					
1	Type 10223 Repair Kit	B					
#1	Model TS-182/UP Frequency Meter	B					
1	Model OBL Series Oscilloscope	B					
1							
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
#1	Model SCR 610 Transmitting-Receiving Equipment						
1 set	Group "A" TCS Crystals	B					
1	Type 49016 Head Telephone Assembly	B	16H3930				
6	Type 51082 Hand Telephone Assembly						
#3	Type 51082 Hand Telephone Assembly						
<u>MISCELLANEOUS SPARES</u>							
1	Type 49016 Head Telephone Assembly	B	16H3930				
1	Type 61479 Suspension Insulator						
1	Type 61471 Entrance Insulator	B					
2	Type 61481 Suspension Insulators	C	16I12130				
75 Ft.	7-#18 Bronze Antenna Wire	C	16W3740				
<u>TOOLS</u>							
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Screwdriver, common, 8" blade	C	41S1106				
1	Screwdriver, slim-shank, 6" blade	C	41S1156				
1	Screwdriver, common, 3" blade	C	41S1101				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

- \* = Two (2) for Flotilla & Group Flagships.
- # = For Flotilla and Group Flagships only.
- + = Battery Operated.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPPLEMENT SHEET DATED	SHEET ISSUED
RE IIA 100	260B	III	1 August 1945	1 December 1945

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**FIRE SUPPORT SHIPS**

**TYPE**  
**LSM**  
**(R)**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO CENTRAL</u>				<u>ELSEWHERE</u>		
1	Model MBF Series Transmitting-Receiving Equipment	B		4	Type 49620 Series Speaker-Amplifier Units	B	
1	Model TDE Series Transmitting Equipment	B					
2	Model TCS Series Transmitting-Receiving Equipment	B					
1	Model SCR-608 Transmitting-Receiving Equipment	B					
1	Model SCR-610 Transmitting-Receiving Equipment	B			<u>ANTENNA SYSTEM</u>		
1	Model RAO Series Receiving Equipment	B		3	Type 24206 Antenna Switches	B	16S10205
1	Model RBL Series Receiving Equipment	B		3	Type 28006A Receiver Protective Units	B	16P8800
1	Model RBO Series Receiving Equipment	B		8	Type 49120 Concentric Jacks	C	16J1200
1	Model LM Series Frequency Meter	B		6	Type 49123 Concentric Patchcord Assemblies	B	
1	Type 211649 Motor Generator	B		2*	Type 61019 Entrance Insulators	B	16I5951
1	Type 23146 Key Control Panel	B	16B10050	4*	Type 61471 Entrance Insulators	B	
4	Type 49029 Jackboxes	B	16B10010	4*	Type 61479 Suspension Insulators		
1	Type 49063 Jackboxes	B		1	Type 61428 Antenna Supporting Insulators	B	16I5045
2	Type 62147 Junction Boxes	B		3*	Type 61481 Suspension Insulators	C	16I12130
4	Type 6V SBM 100-AH Storage Batteries	B	17B9533	8*	Type 61339 Pedestal Insulators	C	16I9838
				2	Type 61350 Supporting Insulators	B	16I4990
				3	Type 62288 Static-Leak Resistors (1/2 megohm)	C	16R18225
	<u>RADAR PLOT</u>			2	Type 66047 Vertical Antennas		
2	Type 23270 Remote Control Unit			1	Type 66053 Vertical Antennas		
1	Type 23381 Remote Control Unit	B					
2	Type 24502 Selector Switches						
2	Type 49546 Loudspeaker Units						
4	Type 49618 Telephone Receptacle	B					
	<u>WHEELHOUSE</u>						
2	Type 23270 Remote Control Unit						
2	Type 49618 Telephone Receptacle	B					
	<u>OPEN BRIDGE</u>						
1	Type 24502 Selector Switch	B					
1	Type 49546 Loudspeaker Units	B					
5	Type 49618 Telephone Receptacles	B					

*QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

SPECIAL EXCEPTIONS AND REMARKS

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 June 1945	III	261A	RE IIA 100

TYPE  
**LSM  
(R)**

INSTALLATION  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
FIRE SUPPORT SHIPS

186 - SHIPS VAN

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
					<u>SEARCH AND IFF RADAR</u>		
				41	Medium Surface Search Radar	B	
				1	Model BN Series Interrogator-Responder	B	
				1	Model BK Series Transponders	B	
				2	Type CTZ 66ACG or CTZ 66AFJ Antennas	B	
				1	Type CCL - 211014 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
					<u>RADAR REPEATERS</u>		
					Preference of model indicated by order of listing.		
				1	Radar Repeater Model VH(or VD) (Open Bridge)	B	
					<u>FIRE CONTROL RADAR EQUIPMENT</u>		
				1	Fire Control Radar Equipment MK26 Allowed in LSM(R) 401-412, 501-536	B	
					<u>SONAR MATERIAL</u>		
					None		
					<u>RCM MATERIAL</u>		
					None		

RADIO DIVISION - BUREAU OF SHIPS

118

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

\* = Model SU in LSM(R) 401-412, 501-536; Model SU-1 in LSM(R) 188-199.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	261B	III	1 June, 1945	1 December 1945



FITTING - OUT

TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
FIRE SUPPORT SHIPS

TYPE  
**LSM  
(R)**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Continued)</u>			
41	Model OAP Series Frequency Meter	B		1	Punch, center, 3/8"	C	41T3185
41	Model TS-182/UP Frequency Meter	B		1	Rule, multiple folding, wood	C	41R2844
1	Type 60ABM Frequency Meter (for Mark 26)	B		1	Screwdriver, common, 3" blade	C	41S1101
1	Model OBL Series Oscilloscope	B		1	Screwdriver, common, 6" blade	C	41S1102
1	Model OZ Series Tube Tester	B		1	Screwdriver, common, 8" blade	C	41S1104
1	Model OBQ VT Volt Ohm Milliammeter	B		1	Screwdriver, slim-shank, 6" blade	C	41S1156
2	Type 10223 Repair Kit	B		1	Screwdriver, Phillips 3" blade #1 point	C	41S1155-15
				1	Screwdriver, Phillips 4" blade #2 point	C	41S1155-20
				1	Screwdriver, Phillips 8" blade #4 point	C	41S1155-30
				1 set	Wrenches, open-end, 22-1/2" double-head 1/4" to 1"	B	41W2100
				1 set	Wrenches, socket, hollow shank	B	41W2623-425
				1 set	Wrenches, set screw (Allen #604 or equal)	B	
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
1	Model OAH Series Code Practice Equipment						
6	Type 49016 Head Telephone Assemblies	B	16H3930				
1	Type 49095 Patchcord						
2	Type 51004C Hand Microphone Assemblies	B	16M2352				
8	Type 51082 Hand Microphone Assemblies						
2	Sets Group "A" TCS Crystals						
4	Type 49006B Telephone Plugs						
4	Type 49578 Microphone Plugs						
<u>MISCELLANEOUS SPARES</u>							
3	Type 49016 Head Telephone Assemblies	B	16H3930				
1	Type 51004C Hand Microphone Assembly	B	16M2352				
1	Type 61019C Entrance Insulator	B	16I5951				
2	Type 61339 Pedestal Insulators	C	16I9838				
1	Type 61350 Supporting Insulator						
1	Type 61428 Antenna Supporting Insulators	B	16I5045				
1	Type 61471 Entrance Insulator	B					
2	Type 61479 Suspension Insulators						
2	Type 61481 Suspension Insulators	C	16T12130				
1	Type 66047 Vertical Antenna						
1	Type 66053 Vertical Antenna						
100ft	7 - #18 Bronze Antenna Wire						
150ft	5/16" Dia. Wire Rope (6 - #19)						
<u>TOOLS</u>							
6	Blades, hacksaw, Type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Drill, hand, 3/8" capacity	C	41D1828				
1 set	Drills, twist, carbon-steel, Type "X"	B	41D1250				
1	File, flat, 6"	C	41F870				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists', 1/2 lb.	C	41H521				
1	Iron, soldering, electric, light duty	B	41I688				
1	Pliers, combination, slip-joint	C	41P631				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, round nose, short, 6"	C	41P1914				
1	Pliers, side cutting, flat nose, 6"	C	41P1974				
1	Pliers, long nose, 6"	C	41P1991				

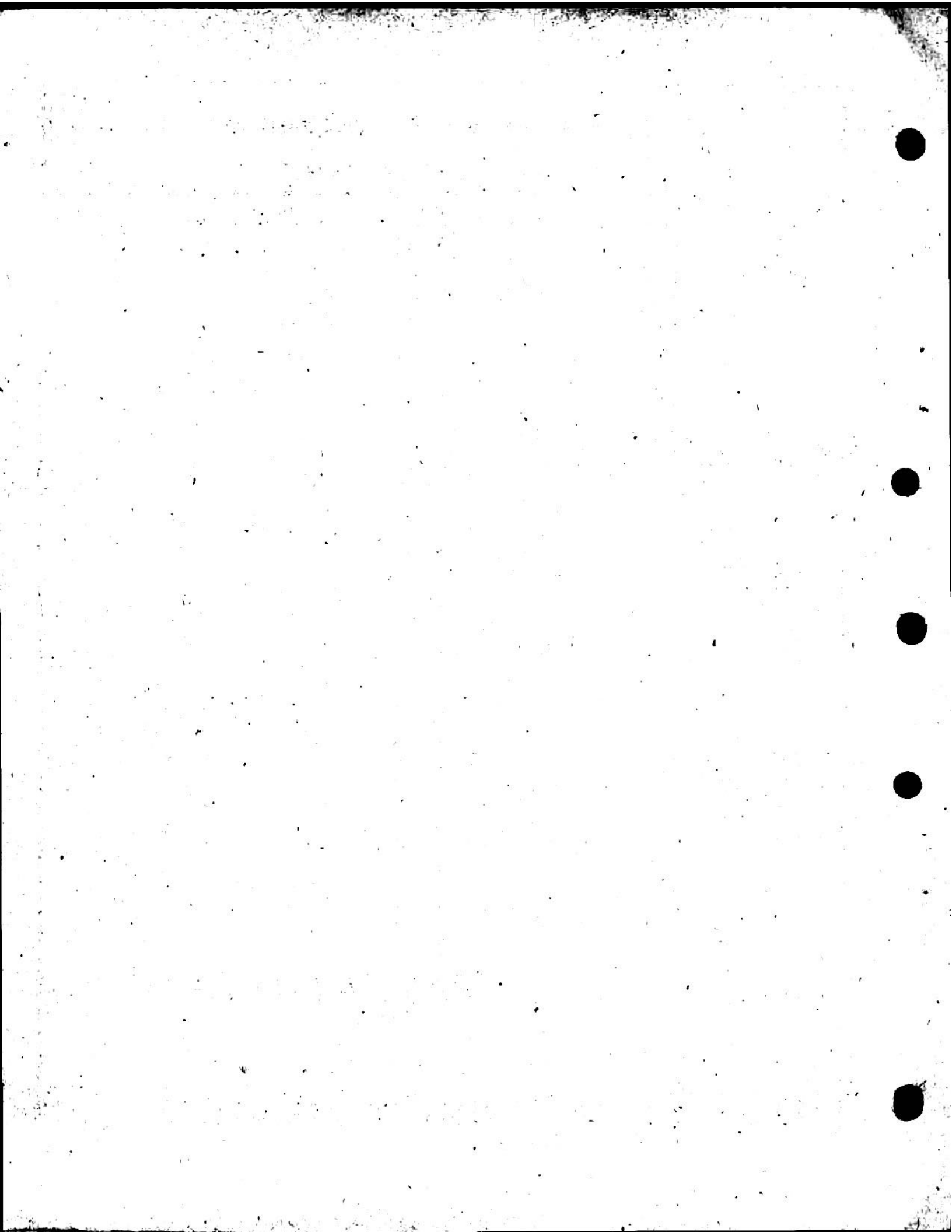
QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

\* = One for each Group and Flotilla Flagship.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	1 July 1945	III	2610	RE IIA 100



## INSTALLATION TYPE ALLOWANCE OF ELECTRONIC MATERIAL FOR LANDING SHIPS TANK

TYPE
LST

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO ROOM</u>				<u>ANTENNA SYSTEM (CONT'D)</u>			
1	Model RAO Series Receiving Equipment	B		1*	Type 61019C Entrance Insulators	B	16I15951
1	Model RBL Series Receiving Equipment	B		10*	Type 61175A Pedestal Insulators	C	16I9832
Ø1	Model TBS Series Transmitting-Receiving Equipment	B		6*	Type 61471 Entrance Insulators	B	
1	Model TCS Series Transmitting-Receiving Equipment	B		4	Type 63288 Static-Leak Resistors (1/2 Megohm)		
1	Model TDE Series Transmitting-Receiving Equipment	B		Ø1	Type 24206 Antenna Switch		
1	Model LM Series Frequency Meter	B					
2	Type 23156A Motor-Generator Transfer Panel	B					
1	Type 26012A Telegraph Key	B	16K1790	<u>CHART HOUSE</u>			
2	Type 49029 Jackboxes	B	16B10050	1	Model DAS Series Loran Equipment	B	
1	Type 49063 Jackboxes	B	16B10010	Ø1	Model TCS Series Transmitting-Receiving Equipment	B	
Ø1	Type 23135 Control Unit	B		1	Model RBS Series Receiving Equipment	B	
Ø1	Type 51019 Hand Telephone Assembly	B		1	Model SCR-508 Transmitting-Receiving Equipment	B	
				1	Model SCR-608 Transmitting-Receiving Equipment	B	
				1	Type 49029 Jackbox	B	16B10050
				1	Type 211437 Motor Generator	B	
<u>PILOT HOUSE</u>				<u>SUPER CONN</u>			
Ø1	Model SCR-510 Transmitting-Receiving Equipment	B		1	Model SCR-61Q Transmitting-Receiving Equipment	B	
Ø1	Model SCR-608 Transmitting-Receiving Equipment	B		2	Type 49618 Telephone Receptacles	B	
1	Type 23381 Remote Control Unit	B		Ø2	Type 49618 Telephone Receptacles	B	
1	Type 26012A Telegraph Key	B		Ø1	Type 49546 Loudspeaker Unit	B	
Ø1	Type 23135 Control Unit	B					
2	Type 49618 Telephone Receptacles	B		<u>WARD ROOM</u>			
1	Type 49546 Loudspeaker Unit	B		1	Model RBO Series Receiving Equipment	B	
Ø1	Type 49546 Loudspeaker Unit	B					
Ø1	Type 62147 Junction Box	B		<u>SEA CABIN</u>			
Ø1	Type 51019 Hand Telephone Assembly	B		Ø1	Type 23135 Control Unit	B	
Ø1	Model MBF Series Transmitting-Receiving Equipment	B		1	Type 23381 Remote Control Unit	B	
1	Type 211437 Motor Generator	B		Ø1	Type 49618 Telephone Receptacle	B	
				2	Type 49618 Telephone Receptacles	B	
				Ø1	Type 49546 Loudspeaker Unit	B	
<u>ELSEWHERE</u>							
3	Type 21807 Motor-Generator Units	B					
5	Type 49620 Series Speaker-Amplifier Units	B					
10	Type 6V-SBM-200AH Storage Batteries	B	17B9545				
Ø2	Type 6B-SBM-200AH Storage Batteries	B	17B9545				
<u>ANTENNA SYSTEM</u>							
2	Type 24206 Antenna Switches	B	16S10205				
4	Type 28006A Receiver Protective Units	B	16F8800				
10*	Type 49120 Concentric Jacks	C	16J1200				
6*	Type 49123 Concentric Patchcord Assemblies	B					
6*	Type 61481 Suspension Insulators	C	16I12130				
12*	Type 61479 Suspension Insulators	C	16I12105				

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

Ø = Additional Equipment for Flagships only  
 \* = Not allowed in Flagships.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 November 1945	III	262A	RE IIA 100

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">TYPE</td> </tr> <tr> <td style="text-align: center; font-size: 2em;">LST</td> </tr> </table>	TYPE	LST	INSTALLATION <b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b> FOR <b>LANDING SHIPS TANK</b>
TYPE			
LST			

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
					<u>SEARCH AND IFF RADAR</u>		
				1	Small Surface Search Radar	B	
				1	Model BN Series Interrogator-Responder	B	
				2	Model BK Series Transponders	B	
				2	Type CTZ 66ACG or CTZ 66AFJ Antennas	B	
				1	Type CCL - 211014 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
					<u>FIRE CONTROL RADAR EQUIPMENT</u>		
				1	Fire Control Radar Equipment Mk. 39 Mod. 3 allowed in LST 1153, 1154, 1155.		
					<u>SONAR MATERIAL</u>		
					None		
					<u>RCM MATERIAL</u>		
					None		

*QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

SPECIAL EXCEPTIONS AND REMARKS

<i>THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II</i>				
REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	262B	III	1 November 1945	1 December 1945

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**LANDING SHIPS TANK**

TYPE
LST

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (continued)</u>			
#1	Model GAF Frequency Meter	B		1	Screwdriver, Phillips, 8" blade #4 point	C	
1	Model OZ Series Vacuum Tube Analyzer	B		1 set	Wrenches, open-end, 22-1/2" double-head, 1/4" to 1"	B	41W2100
2	Type 10223 Repair Kits	B				B	
#1	Model TS-152/UP Frequency Meter	B		1 set	Wrenches, socket, hollowshank	B	
1	Model OEL Series Oscilloscope	B		1 set	Wrenches, setscrew, (Allen #604 or equal)	B	
#1	Model OBQ VT Volt Ohm Milliammeter	B					
1	Model TS-89/AP Voltage Divider	B					
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
1	Model OAH Series Code Practice Equipment	B					
4	Type 49016 Hand Telephone Assemblies	B	16H3930				
2	Type 51004C Hand Microphone Assembly	B	16M2352				
#1 set	Group "A" TCS Crystals	B					
1	Type 49095 Patchcord	C					
6	Type 51082 Hand Telephone Assemblies						
#3	Type 51082 Hand Telephone Assembly						
<u>MISCELLANEOUS SPARES</u>							
2	Type 49016 Hand Telephone Assemblies	B	16H3930				
1	Type 51004C Hand Microphone Assembly	B	16M2352				
3	Type 61481 Suspension Insulators	C	16I12130				
6	Type 61479 Suspension Insulators	C	16I12105				
1	Type 61019C Entrance Insulators	B	16I5951				
2	Type 61471 Entrance Insulators	B	16I5725				
200 ft	Type 61175A Pedestal Insulators	C	16I9832				
	7-#18 Bronze Antenna Wire	C	16W3740				
<u>TOOLS</u>							
6	Blades, Hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1 set	Drill, hand 3/8" capacity	C	41D1828				
1	Drills, twist, carbon-steel, type "K"	B	40D1250				
1	File, flat 6"	C	41F870				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinist's, 1/2 lb.	C	41H521				
1	Iron, soldering, electric, light duty	B	41I088				
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, round nose, short, 6"	C	41P1914				
1	Pliers, side cutting, flat nose, 6"	C	41P1974				
1	Pliers, long nose, 6" (Utica #655 or equal)	C					
1	Punch, center 3/8"	C	41T3185				
1	Rule, multiple folding, wood	C	41R2844				
1	Screwdriver, common, 3" blade	C	41S1101				
1	Screwdriver, common, 6" blade	C	41S1104				
1	Screwdriver, common, 8" blade	C	41S1106				
1	Screwdriver, slim-shank, 6" blade	C	41S1156				
1	Screwdriver, Phillips, 3" blade #1 point	C					
1	Screwdriver, Phillips, 4" blade #2 point	C					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

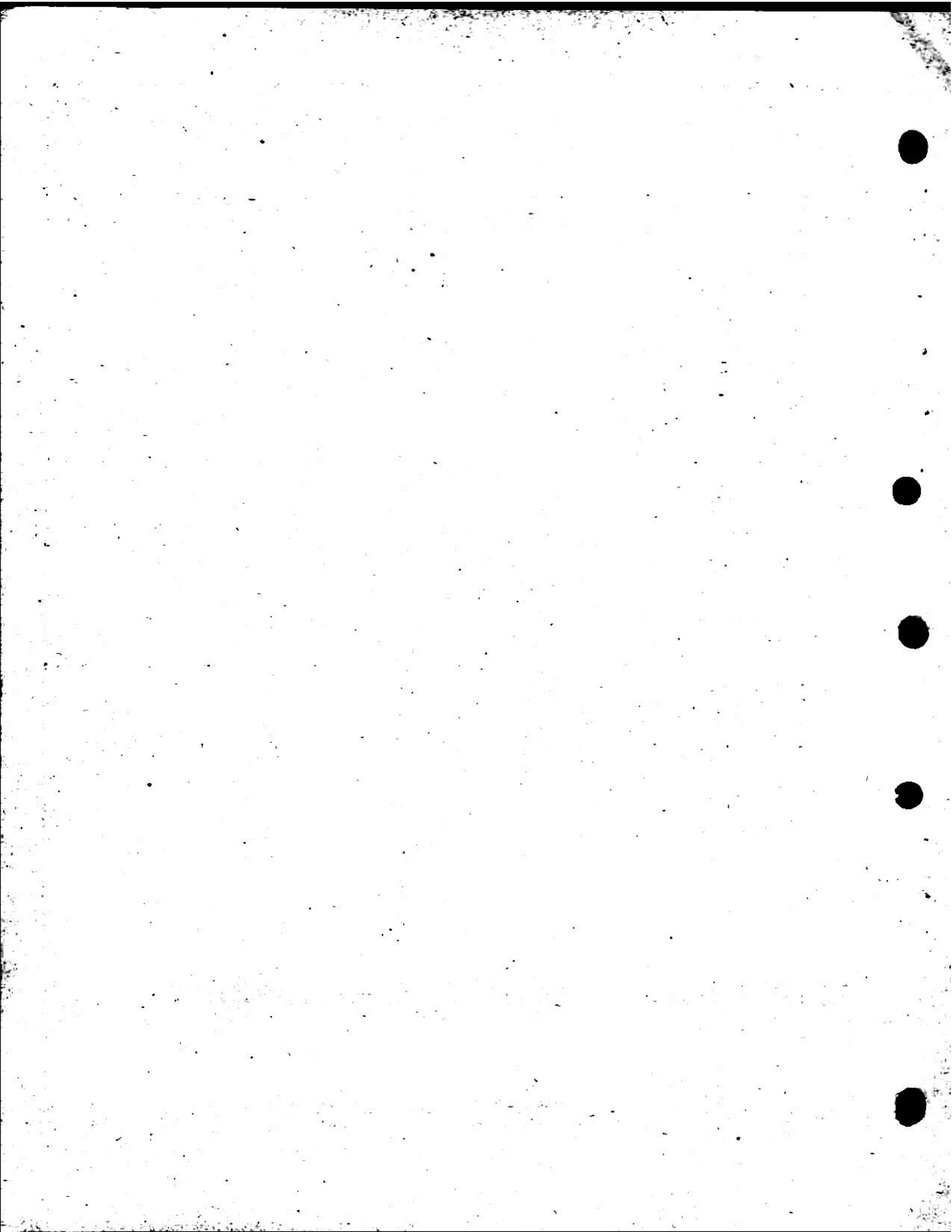
SPECIAL EXCEPTIONS AND REMARKS

\* = Two (2) for Flotilla & Group Flagships  
 # = Additional Material for Flagships.  
 1 = One (1) for each Group and Flotilla Flagships.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	1 June 1945	III	2620	RE IIA 100







<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">TYPE</td> </tr> <tr> <td style="text-align: center; font-size: 2em; font-weight: bold;">LSV</td> </tr> </table>	TYPE	LSV	INSTALLATION <b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b> FOR <b>LANDING SHIP VEHICLE</b>
TYPE			
LSV			

QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>SEARCH AND IFF RADAR</u>						
1	Medium Air Search Radar	B					
1	Large Surface Search Radar	B					
1	Model BL or BM Series Interrogator Responder	B					
1	Model BN Series Interrogator/Responder	B					
2	Model BK Series Transponders	B					
2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B					
1	Type CCL - 211018 Motor Generator	B					
4	Type 6V-SEM-15AH Storage Batteries	B	17B9490				
	<u>RADAR REPEATERS</u>						
	Preference of model indicated by order of listing.						
1	Standard Radar Repeater (VH or VD or VC) (Pilot House)	B					
	<u>FIRE CONTROL RADAR EQUIPMENT</u>						
1	Fire Control Radar Equipment MK26	B					
	<u>SONAR MATERIAL</u>						
1	Model NM Series Sounding Equipment	B					
1	Model NK Series (Portable) Sounding Equipment	B					
	<u>RCM MATERIAL</u>						
	None						

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

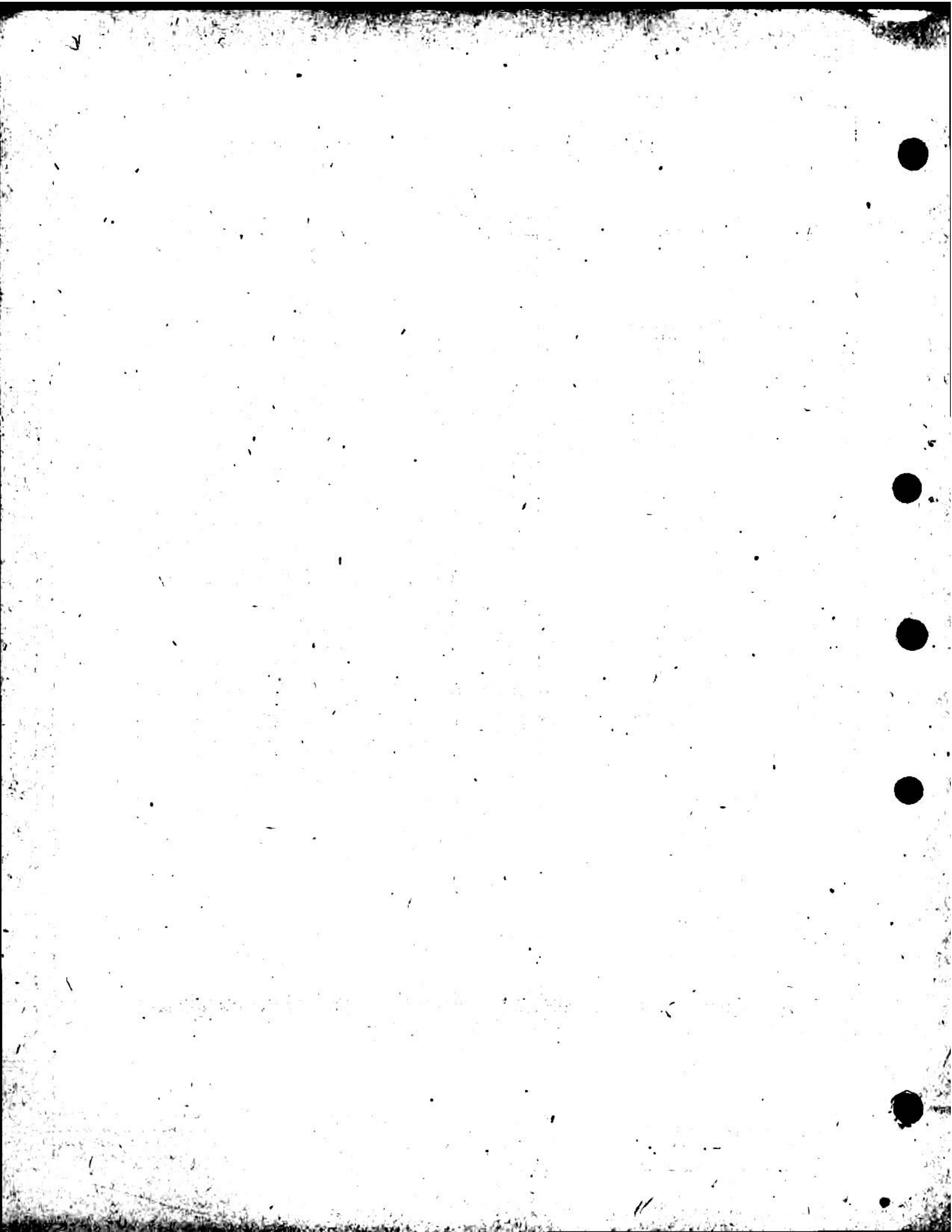
SPECIAL EXCEPTIONS AND REMARKS

1 = Preference of model indicated by order of listing.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	263B	III	1 November 1945	1 December 1945







INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**SUBMARINE CHASERS (173')**

TYPE
<b>PC</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b>RADIO ROOM</b>							
1	Model TDE Series Transmitting Equipment	B					
1	Model RAO Series Receiving Equipment	B					
1	Model RBL Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
2	Type 21800 Motor-Generator Units	B					
1	Type 26012A Telegraph Key	B	16K1790				
1	Type 49029 Jackboxes	B	16B10050				
1	Model DAS Series Loran Equipment	B					
<b>PILOT HOUSE</b>							
1	Model MBF Series Transmitting-Receiving Equipment	B			<b>RADAR MATERIAL</b>		
1	Type 23381 Remote Control Unit	B					
1	Type 49620 Series Speaker-Amplifier Unit	B					
<b>ELSEWHERE</b>							
2	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B			<b>SEARCH AND IFF RADAR</b>		
1	Model RBO Series Receiving Equipment	B			#1 Small Surface Search Radar SF Series	B	
<b>ANTENNA SYSTEM</b>							
1	Type 24206 Antenna Switch	B	16S10205		1 Model BN Series Interrogator-Responder	B	
3	Type 28006A Receiver Protector Units	B	16P8800		2 Model BK Series Transponders	B	
9*	Type 49120 Concentric Jacks	C	16J1200		2 Type CTZ 66ACG or CTZ 66AFJ Antennas	B	
3*	Type 49123 Concentric Patchcord Assemblies	B			1 Type CCL - 211014 Motor Generator	B	
3*	Type 61451 Suspension Insulators	C	16I12130		4 Type 6V-SEM-15AH Storage Batteries	B	
12*	Type 61479 Suspension Insulators	C	16I12105				
1*	Type 61019C Entrance Insulators	B	16I5951		1 Model QCG-2/QCS/QCT Ranging Equipment	B	
4*	Type 61175A Pedestal Insulators	C	16I9832		1 Model NJ Series Sounding Equipment	B	
4*	Type 61471 Entrance Insulators	B			1 Range Recorder	B	
3	Type 63258 Static-Leak Resistors (1/2 megohm)	C					
<b>SONAR MATERIAL</b>							
<b>RCM MATERIAL</b>							
None							

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

# = SL Series may be substituted if SF Series is not available.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
10 July 1945	1 June 1945	III	265A	RE IIA 100

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">TYPE</td></tr> <tr><td style="text-align: center; font-size: 2em;">PC</td></tr> </table>	TYPE	PC	<p>FITTING - OUT</p> <p><b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b></p> <p>FOR</p> <p><b>SUBMARINE CHASERS (173')</b></p>
TYPE			
PC			

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<u>TESTING EQUIPMENT</u>				<u>TOOLS (Continued)</u>		
1	Model OAX Sonar Monitor	B		1	Screwdriver, Phillips 4" blade #2 point	C 4	S1645-20
1	Model OZ Series Vacuum Tube Analyzer	B		1	Screwdriver, Phillips 6" blade #4 point	C 4	S1645-30
1	Model OBL Series Oscilloscope	B		1 set	Wrenches, open-end, 22-1/2" double-head	B	41W2100
2	Type 10223 Repair Kits	B			1/4" to 1"	B 4	W2623-42
1	Type 60ABM Frequency Meter (for each SL)	B		1 set	Wrenches, socket, hollow-shank	B	
				1 set	Wrenches, setscrews (Allen #604 or equal)	B	
	<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>						
1	Model OAH Series Code Practice Equipment	B					
3	Type 49016 Head Telephone Assemblies	B	16H3930				
2	Type 51004C Hand Microphone Assemblies	B	16M2352				
	<u>MISCELLANEOUS SPARES</u>						
1	Type 21800 Motor Generator Unit	B					
2	Type 49016 Head Telephone Assemblies	B	16H3930				
1	Type 51004C Hand Microphone Assembly	B	16M2352				
2	Type 61481 Suspension Insulators	C	16I12130				
6	Type 61479 Suspension Insulators	C	16I12105				
1	Type 61019C Entrance Insulator	B	16I5951				
1	Type 61175A Pedestal Insulator	C	16I9832				
2	Type 61471 Entrance Insulators	B					
400Ft.	7-#18 Bronze Antenna Wire	C	16W3740				
	<u>TOOLS</u>						
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Drill, hand, 3/8" capacity	C	41D1828				
1 set	Drills, twist, carbon-steel, type "K"	B	40D1250				
1	File, flat, 6"	C	41F870				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists', 1/2 lb.	B	41H521				
1	Iron, soldering, electric, light duty	B	41I688				
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, round nose, short, 6"	C	41P1914				
1	Pliers, side cutting, flat nose, 6"	C	41P1974				
1	Pliers, long nose, 6"	C	41P1991				
1	Punch, center, 3/8"	C	41T3185				
1	Rule, multiple folding, wood	C	41R2844				
1	Screwdriver, common, 3" blade	C	41S1101				
1	Screwdriver, common, 6" blade	C	41S1104				
1	Screwdriver, common, 8" blade	C	41S1106				
1	Screwdriver, slim-shank 6" blade	G	41S1156				
1	Screwdriver, Phillips 3" blade, #1 point	C 4	S1645-15				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II				
REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	265B	III	1 June 1945	30 July 1945

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**PATROL CRAFT (ESCORT)**

<b>TYPE</b>
<b>PCE</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b>RADIO ROOM</b>							
1	Model TDE Series Transmitting Equipment	B					
1	Model RAO Series Receiving Equipment	B					
1	Model RBL Series Receiving Equipment	B					
1	Model RBO Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
1	Type 26012 <sup>*</sup> Telegraph Key	B	16K1790				
2	Type 49029 Jackboxes	B	16B10050				
<b>PILOT HOUSE</b>							
1	Model MBF Series Transmitting-Receiving Equipment	B			<b>RADAR MATERIAL</b>		
1	Type 21381 Remote Control Unit	B					
1	Type 49620 Series Speaker-Amplifier Unit	B			<b>SEARCH AND IFF RADAR</b>		
				41	Medium Surface Search Radar (SL Series)	B	
				1	Model BN Series Interrotator-Responder	B	
				2	Model BK Series Transponder	B	
				2	Type CTZ 66ACG or CTZ 66AFJ Antennas	B	
				1	Type CCL - 211018 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	
<b>ELSEWHERE</b>							
2	Type 49620 Series Speaker-Amplifier Unit (Broadcast)	B					
<b>ANTENNA SYSTEM</b>							
1	Type 24206 Antenna Switch	B	16S10205				
3	Type 28006A Receiver Protective Units	B	16F8800				
3*	Type 49120 Concentric Jacks	C	16W1200		<b>SONAR</b>		
3*	Type 49123 Concentric Patchcord Assemblies	B					
3*	Type 61479 Suspension Insulators	C	16I12105				
5*	Type 61175A Pedestal Insulators	C	16I9832				
1*	Type 61019C Entrance Insulators	B	16I5951	1	Model QCC-2/QCS/QCT Ranging Equipment	B	
1*	Type 61471 Entrance Insulators	B		1	Model NJ Series Sounding Equipment	B	
3	Type 63288 Static-Leak Resistors, (1/2 megohm)	C	16R18225	1	Range Recorder	B	
				+1	Bathy-Thermograph	B	
<b>COMBAT INFORMATION CENTER</b>							
1	Type 21381 Remote Control Unit	B			<b>RCM MATERIAL</b>		
1	Type 49620 Series Speaker-Amplifier Unit	B					
1	Type 51008 Hand Telephone Assembly	B					
1	Model DAS Series Loran Equipment	B			<b>None</b>		

**QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES**

**SPECIAL EXCEPTIONS AND REMARKS**

# = SF Series may be substituted if SL Series is unavailable.  
+ = Assigned by Commander Service Forces and Type Commanders.

**THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	10 July 1945	III	266A	RE IIA 100

TYPE  
**PCE**

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
PATROL CRAFT (ESCORT)**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Continued)</u>			
1	Model OAA-2 Echo Box (For each SA & SC)	B		1 set	Wrenches, open-end, 22-1/2" double-head, 1/4" to 1"	C	41W2100
1	Model OZ Series Vacuum Tube analyzer	B		1 set	Wrenches, setscrews (Allen #604 or equal)	B	
1	Model OBL Series Oscilloscope	B					
2	Type 10223 Repair Kits	B					
1	Model OBU-2, 3 Echo Box(For each SL)	B					
1	Type 60ABM Frequency Meter(For each SL)	B					
1	Model OAX Sonar Monitor	B					
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
1	Model OAH Series Code Practice Equipment	B					
4	Type 49016 Head Telephone Assemblies	B	16H3930				
3	Type 51004C Hand Microphone Assemblies	B	16M2352				
<u>MISCELLANEOUS SPARES</u>							
2	Type 49016 Head Telephone Assemblies	B	16H3930				
1	Type 51004C Hand Microphone Assembly	B	16M2352				
2	Type 61481 Suspension Insulators	C	16I12130				
7	Type 61479 Suspension Insulators	C	16I12105				
1	Type 61019C Entrance Insulators	B	16I5951				
1	Type 61175A Pedestal Insulators	C	16I9832				
2	Type 61471 Entrance Insulators	B					
400 Ft.	7-#18 Bronze Antenna Wire	C	16W3740				
<u>TOOLS</u>							
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Drill, hand, 3/8" capacity	C	41D1828				
1 set	Drills, twist, carbon-steel, type "K"	B	41D1250				
1	File, flat, 6"	C	41F870				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists, 1/2 lb.	C	41H521				
1	Iron, soldering, electric, light duty	B	41I688				
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, round nose, short, 6"	C	41P1914				
1	Pliers, side cutting, flat nose 6"	C	41P1974				
1	Pliers, long nose, 5"	C	41P1991				
1	Punch, center, 3/8"	C	41T3185				
1	Rule, multiple folding, wood	C	41R2844				
1	Screwdriver, common, 3" blade	C	41S1101				
1	Screwdriver, common, 6" blade	C	41S1104				
1	Screwdriver, common, 8" blade	C	41S1106				
1	Screwdriver, slim-shank, 6" blade	C	41S1156				
1	Screwdriver, Phillips 3/4" blade #1 point	C 43	41S1645-15				
1	Screwdriver, Phillips 4" blade #2 point	C 43	41S1645-20				
1	Screwdriver, Phillips 8" blade #4 point	C 43	41S1645-30				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	266B	III	10 July 1945	1 December 1945

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**PCE (WEATHER SHIPS)**

<b>TYPE</b>
<b>PCE</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO ROOM</u>				<u>ANTENNA SYSTEM</u>			
1	Model TBL Series Transmitting Equipment	B		5	Type 28006A Receiver Protective Units	B	16C20023
1	Model TAJ Series Transmitting Equipment	B		15	Type 49120 Concentric Jacks	B	16J1200
1	Model TDE Series Transmitting Equipment	B		5	Type 49123 Concentric Patchcord Assemblies	R	
1	Model TBY Series Transmitting-Receiving Equipment	B		15	Type 61479 Suspension Insulators	C	
1	Model RAK Series Receiving Equipment	B		3	Type 61481 Suspension Insulators	C	
1	Model RAL Series Receiving Equipment	B		6	Type 61493 Suspension Insulators	C	16I12145
1	Model RAO Series Receiving Equipment	B		3	Type 61475 Entrance Insulators	B	
1	Model RBO Series Receiving Equipment	B		3	Type 61019C Entrance Insulators	B	16I5951
1	Model LM Series Frequency Measuring Equipment	B		5	Type 61471 Entrance Insulators	B	
1	Type 50064 Modulator Equipment	B		15	Type 61339 Pedestal Insulators	C	16I9838
1	Type 23146 Key Control Panel	B		10	Type 61175 Pedestal Insulators	C	16I9832
1	Type 23437 Transmitter Transfer Panel	B		6	Type 61352 Anti-Corona Caps	B	16C4000
4	Type 49029 Jackboxes	B	16B10050	5	Type 63288 Static Leak Resistors	C	16R18225
1	Type 49063 Jackbox	B	16B10010				
2	Type 28002 Resistor Clips	C	16C20023				
1	Type 613023 Resistor, 3150 ohms, Type E	C	16R18230				
<u>COMBAT INFORMATION CENTER</u>				<u>AEROLOGICAL OFFICE</u>			
1	Type 23381 Remote Control	B		1	Model RAU Series Receiving Equipment	B	
2	Type 49131 Series Speaker-Amplifier Units	B					
1	Type 23146 Key Control Panel	B					
1	Type 23423 Radiophone Unit	B					
1	Type 51008 Hand Telephone Assembly	B					
1	Type 49029 Jackbox	B	16B10050				
1	Model DAS Series Loran Equipment	B					
<u>PILOT HOUSE</u>				<u>SEARCH AND IFF RADAR</u>			
1	Type 23381 Remote Control	B		* 1	Medium Surface Search Radar (SL Series)	B	
1	Type 23423 Radiophone Unit	B		1	Model BL or BM Series Interrogator-Responder	B	
2	Type 49620 Speaker-Amplifier Units	B		1	Model BN Series Interrogator-Responder	B	
				2	Model BK Series Transponders	B	
				2	Type CTZ 66ACG or CTZ 66AFJ Antennas	B	
				1	Type CCL - 211018 Motor Generator	B	
				4	Type 6V-SEM-154H Storage Batteries	B	
				1	Medium Air Search Radar Model OA-2/BA-3 (with antenna modified for controlled tilting)	B	
<u>ELSEWHERE</u>				<u>SONAR MATERIAL</u>			
2	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B		1	Model QCQ-2/QCS/QCT Ranging Equipment	B	
				1	Model NJ Series Sounding Equipment	B	
				1	Range Recorder	B	
				+1	Bathy-Thermograph	B	
				<u>RCM MATERIAL</u>			
				None			

**QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES**

SPECIAL EXCEPTIONS AND REMARKS

\* = SF Series may be substituted.  
+ = Assigned by Commander Service Forces and Type Commanders.

**THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	1 August 1945	III	267A	RE IIA 100



TYPE
PCE

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**PCE (WEATHER SHIPS)**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (CONT'D)</u>			
1	Model OAA-2 Echo Box(One for each SA & SC)	B		1	Screwdriver, Phillips 3" blade #1 point	C 41	81645-15
1	Model OZ Series Vacuum Tube Analyzer	B		1	Screwdriver, Phillips 8" blade #4 point	C 41	81645-30
1	Model OBU-2 J Echo Box(For each SL)	B		1 set	Wrenches, open-end, 22-1/2" double-head		
2	Type 10223 Repair Kit	B			1/4" to 1"	B	41W2100
1	Type 60 ABM Frequency Meter(For each SL)	B		1 set	Wrenches, setscrews (Allen #604 or equal)	B	
1	Model OBL Series Oscilloscope	B					
1	Model OAX Sonar Monitor	B					
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
6	Type 49016 Head Telephone Assemblies	B	16H3930				
5	Type 51004C Hand Microphone Assemblies	B	16M2352				
1	Model OAH Series Code Practice Equipment	B					
<u>MISCELLANEOUS SPARES</u>							
3	Type 49016 Head Telephone Assemblies	B	16H3930				
2	Type 51004C Hand Microphone Assemblies	B	16M2352				
8	Type 61479 Suspension Insulators	B					
2	Type 61481 Suspension Insulators	C					
3	Type 61493 Suspension Insulators	C	16I12145				
1	Type 61475 Entrance Insulators	B					
1	Type 61019C Entrance Insulators	B	16I5951				
1	Type 61471 Entrance Insulators	C					
3	Type 61339 Pedestal Insulators	C	16I9838				
2	Type 61175 Pedestal Insulators	C	16I9832				
400 ft.	7-#18 Bronze Antenna Wire	C	16W3740				
100 ft.	5/16" dia. Bronze Wire Rope	C	22R200				
100 ft.	7/16" dia. Bronze Wire Rope	C	22R210				
<u>TOOLS</u>							
6	Blades, hacksaw, type "B", 18 teeth	C	16B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Drill, hand, 3/8" capacity	C	41C1062				
1 set	Drills twist, carbon-steel, type "K"	B	40D1250				
1	File, flat, 6"	C	41F870				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists, 1/2 lb.	C	41H521				
1	Iron, soldering, electric, light duty	B	41I688				
1	Pliers, combination, slip-joint, 6"	C	41P631				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, round nose, short, 6"	C	41P1914				
1	Pliers, side cutting, flat nose	C					
1	Punch, center, 3/8"	C	41T3185				
1	Rule, multiple folding, wood	C	41R2844				
1	Screwdriver, common, 3" blade	C	41S1101				
1	Screwdriver, common, 8" blade	C	41S1106				
1	Screwdriver, slim-shank; 6" blade	C	41S1156				

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	267B	III	1 August 1945	1 December 1945

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**ESCORT (RESCUE)**

TYPE  
**PCE**  
**(R)**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
<u>RADIO ROOM</u>				<u>SEARCH AND IFF RADAR</u>			
1	Model TDE Series Transmitting Equipment	B		1	Medium Surface Search Radar (SL Series)	B	
1	Model RAO Series Receiving Equipment	B		1	Model BN Series Interrogator-Responder	B	
1	Model RBL Series Receiving Equipment	B		1	Model BK Series Transponders	B	
1	Model RBO Series Receiving Equipment	B		2	Type CTZ 66ACG or CTZ 66AFJ Antennae	B	
1	Model LM Series Frequency Meter	B		1	Type CCL - 211018 Motor Generator	B	
1	Type 26012A Telegraph Key	B	16K1790	4	Type 6V-SBM-15AH Storage Batteries	B	
2	Type 49C29 Jackboxes	B	16B10050				
<u>PILOT HOUSE</u>							
1	Type 23381 Remote Control Unit	B					
1	Type 49620 Series Speaker-Amplifier Unit	B					
1	Model MBF Series Transmitting-Receiving Equipment	B					
<u>ELSEWHERE</u>							
2	Type 49620 Series Speaker-Amplifier Unit (Broadcast)	B					
<u>ANTENNA SYSTEM</u>				<u>SONAR MATERIAL</u>			
1	Type 24206 Antenna Switch	B	16S10205				
3	Type 28006A Receiver Protective Units	B	16P8800				
9*	Type 49120 Concentric Jacks	C	16J1200	1	Model QCC-2 Ranging Equipment	B	
3*	Type 49123 Concentric Patchcord Assemblies	B		1	Model NJ Series Sounding Equipment	B	
3*	Type 61479 Suspension Insulators	C	16I12105	2	Model NK Series (Portable) Sounding Equipment	B	
5*	Type 61175A Pedestal Insulators	C	16I9832	1	Range Recorder	B	
1*	Type 61019C Entrance Insulators	B	16I5951				
3*	Type 61471 Entrance Insulators	B					
3	Type 63288 Static-Leak Resistors, (1/2 megohm)	C	16R18225				
<u>COMBAT INFORMATION CENTER</u>				<u>RCM MATERIAL</u>			
1	Type 23381 Remote Control Unit	B			None		
1	Type 49620 Series Speaker-Amplifier Unit	B					
1	Type 51008 Hand Telephone Assembly	B					
1	Model DAS Series Loran Equipment	B					

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

\* = SF Series may be substituted if SL Series is unavailable.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
10 July 1945	1 June 1945	III	268A	RE IIA 100

TYPE  
**PCE**  
**(R)**

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
FOR  
**ESCORT (RESCUE)**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Continued)</u>			
1	Model OAA-2 Echo Box(For each SA & SC)	B		1set	Wrenches, open-end, 22-1/2" double-head, 1/4" to 1"	C	41W2100
1	Model OZ Series Vacuum Tube Analyzer	B		1set	Wrenches, setscrews (Allen#604 or equal	B	
1	Model OBL Series Oscilloscope	B					
2	Type 10223 Repair Kits	B					
1	Model OBU-2, 3 Echo Box(For each SL)	B					
1	Type 60ABM Frequency Meter(For each SL)	B					
1	Model OAX Sonar Monitor	B					
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
1	Model OAH Series Code Practice Equipment	B					
4	Type 49016 Hand Telephone Assemblies	B	16H3930				
3	Type 51004C Hand Microphone Assemblies	B	16M2352				
<u>MISCELLANEOUS SPARES</u>							
2	Type 49016 Hand Telephone Assemblies	B	16H3930				
1	Type 51004C Hand Microphone Assembly	B	16M2352				
2	Type 61481 Suspension Insulators	C	16I12130				
7	Type 61479 Suspension Insulators	C	16I12105				
1	Type 61019C Entrance Insulators	B	16I5951				
1	Type 61175A Pedestal Insulators	C	16I9832				
2	Type 61471 Entrance Insulators	B					
400 ft	7-#18 Bronze Antenna Wire	C	16W3740				
<u>TOOLS</u>							
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Drill, hand, 3/8" capacity	C	41D1828				
1 set	Drills, twist, carbon-steel, type "K"	B	41D1250				
1	File, flat, 6"	C	41F870				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists', 1/2 lb.	C	41H521				
1	Iron, soldering, electric, light duty	B	41I688				
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, round nose, short, 6"	C	41P1914				
1	Pliers, side cutting, flat nose 6"	C	41P1974				
1	Pliers, long nose, 6"	C	41P1991				
1	Punch, center, 3/8"	C	41T3185				
1	Rule, multiple folding, wood	C	41R2844				
1	Screwdriver, common, 3" blade	C	41S1101				
1	Screwdriver, common, 6" blade	C	41S1104				
1	Screwdriver, common, 8" blade	C	41S1106				
1	Screwdriver, slim-shank, 6" blade	C	41S1156				
1	Screwdriver, Phillips 3" blade #1 point	C4	41S164515				
1	Screwdriver, Phillips 4" blade #2 point	C4	41S164520				
1	Screwdriver, Phillips 5" blade #4 point	C4	41S164530				

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	268B	III	1 June 1945	10 July 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**SUBMARINE CHASERS**

TYPE
<b>PCS</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b>RADIO ROOM</b>							
1	Model TDE Series Transmitting Equipment	B					
1	Model RAO Series Receiving Equipment	B					
1	Model RBL Series Receiving Equipment	B					
1	Model RBO Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
1	Type 26012A Telegraph Key	B	16K1790				
2	Type 49029 Jackboxes	B	16B10050				
<b>PILOT HOUSE</b>							
1	Model MBF Series Transmitting-Receiving Equipment	B			<b>RADAR MATERIAL</b>		
1	Type 23361 Remote Control Unit	B					
1	Type 49620 Series Speaker-Amplifier Unit	B			<b>SEARCH AND IFF RADAR</b>		
				1	Small Surface Search Radar Model SO-1	B	
				1	Model BN Series Interrogator-Responder	B	
				2	Model BK Series Transponders	B	
				2	Type CTZ 66ACG or CTZ 66AFJ Antennas	B	
				1	Type CCL - 211014 Motor Generators	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
<b>ELSEWHERE</b>							
2	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B					
<b>ANTENNA SYSTEM</b>							
1	Type 24206 Antenna Switch	B	16S10205				
3	Type 28006A Receiver Protective Units	B	16P8800				
6*	Type 49120 Concentric Jacks	C	16J1200				
5*	Type 49123 Concentric Patchcord Assemblies	B					
12*	Type 61479 Suspension Insulators	C	16I12105				
2*	Type 61019C Entrance Insulators	B	16I5951				
3*	Type 61175A Pedestal Insulators	C	16I9832		<b>SONAR MATERIAL</b>		
4*	Type 61471 Entrance Insulators	B					
3	Type 63288 Static-Leak Resistors (1/2 megohm)	C	16R18225				
1	Type 66053 Vertical Antenna	B		1	Model QCS/QCT Ranging Equipment	B	
1	Type 61428 Antenna Supporting Insulator	B	16I5045	1	Model NJ Series Sounding Equipment	B	
				1	Range Recorder	B	
<b>RCM MATERIAL</b>							
None							

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
10 July 1945	1 June 1945	III	269A	RE IIA 100

TYPE  
**PCS**

FITTING - OUT  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
SUBMARINE CHASERS

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>							
1	Model OAX Sonar Monitor	B					
1	Model OZ Series Vacuum Tube Analyzer	B					
1	Model OBL Series Oscilloscope	B					
1	Type 10223 Repair Kits	B					
<u>MISCELLANEOUS MATERIAL AND EQUIPMENT</u>							
1	Model OAH Series Code Practice Equipment	B					
3	Type 49016 Head Telephone Assemblies	B	16B3930				
2	Type 51004C Hand Microphone Assemblies	B	16M2352				
<u>MISCELLANEOUS SPARES</u>							
2	Type 49016 Head Telephone Assemblies	B	16H3930				
1	Type 51004C Hand Microphone Assembly	B	16M2352				
6	Type 61479 Suspension Insulators	C	16I12105				
1	Type 61019C Entrance Insulators	B	16I5951				
1	Type 61175A Pedestal Insulator	C	16I9832				
2	Type 61471 Entrance Insulators	B					
400 Ft.	7-#18 Bronze Antenna Wire	C	16W3740				
<u>TOOLS</u>							
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Drill, hand, 3/8" capacity	C	41D1828				
1 set	Drills, twist, carbon-steel, type "K"	B	40D1250				
1	File, flat, 6"	C	41F270				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists', 1/2 lb.	C	41H521				
1	Iron, soldering, electric, light duty	B	41I688				
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, round nose, short, 6"	C	41P1914				
1	Pliers, side cutting, flat nose, 6"	C	41P1974				
1	Pliers, long nose, 6"	C	41P1991				
1	Punch, center, 3/8"	C	41T3185				
1	Rule, multiple folding wood	C	41R2844				
1	Screwdriver, common, 3" blade	C	41S1101				
1	Screwdriver, common, 6" blade	C	41S1104				
1	Screwdriver, common, 8" blade	O	41S1106				
1	Screwdriver, slim-shank, 6" blade	C	41S1156				
1	Screwdriver, Phillips 3" blade #1 point	C 43	S1645-15				
1	Screwdriver, Phillips 4" blade #2 point	C 43	S1645-20				
1	Screwdriver, Phillips 8" blade #4 point	C 43	S1645-30				
1 set	Wrenches, open-end, 22-1/2" double-head 1/4" to 1"	C	41W2100				
1 set	Wrenches, socket, hollow-shank	C 43	W2623-428				
1 set	Wrenches, setscrew (Allen #604 or equal)	B					

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	29B	III	1 June 1945	10 July 1945



INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**EAGLE BOATS**

TYPE
PE

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b>RADIO ROOM</b>							
1	Model TDE Series Transmitting Equipment	B					
1	Model RAO Series Receiving Equipment	B					
1	Model RBL Series Receiving Equipment	B					
1	Model RBO Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
2	Type 21800 Motor-Generator Units	B					
1	Type 26012A Telegraph Key	B	16K1790				
2	Type 49029 Jackboxes	B	16B10050				
<b>PILOT HOUSE</b>							
1	Type 23381 Remote Control Unit	B					
1	Type 49620 Series Speaker-Amplifier Unit	B					
<b>ELSEWHERE</b>							
2	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B					
<b>ANTENNA SYSTEM</b>							
1	Type 24206 Antenna Switch	B	16S10205				
3	Type 28006A Receiver Protective Units	B	16P8800				
9*	Type 49120 Concentric Jacks	C	16J1200				
3*	Type 49123 Concentric Patchcord Assemblies	B					
4*	Type 61481 Suspension Insulators	C	16I12130				
12*	Type 61479 Suspension Insulators	C	16I12105				
1*	Type 61019C Entrance Insulators	B	16I5951				
8*	Type 61471 Entrance Insulators	B					
3	Type 63288 Static-Leak Resistors (1/2 megohm)	C	16B18225				
<b>RADAR MATERIAL</b>							
<b>SEARCH AND IFF RADAR</b>							
1	Small Surface Search Radar	B					
1	Model BN Series Interrogator Responder	B					
2	Model BK Series Transponders	B					
2	Type CTZ 66ACG or CTZ 66AFJ Antennas	B					
1	Type CCL - 211014 Motor Generator	B					
4	Type 6V-SBM-15AH Storage Batteries	B					
<b>SONAR MATERIAL</b>							
1	Retain Ranging Equipment presently installed.						
1	Model NJ Series Sounding Equipment Range Recorder	B					
<b>RCM MATERIAL</b>							
None							

**QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES**

**SPECIAL EXCEPTIONS AND REMARKS**

**THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 July 1945	31 July 1944	III	270A	RE IIA 100

TYPE

PE

FITTING - OUT

## TYPE ALLOWANCE OF ELECTRONIC MATERIAL FOR EAGLE BOATS

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Continued)</u>			
1	Model OAX Sonar Monitor	B		1 set	Wrenches, open-end, 22-1/2" double-head	C	41W2100
1	Model OZ Series Vacuum Tube Analyzer	B			1/4" to 1"	C	41W2623-425
1	Model OBL Series Oscilloscope	B		1 set	Wrenches, socket, hollow-shank	C	
2	Type 10223 Repair Kits	B		1 set	Wrenches, setscrew (Allen #604 or equal)	B	
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
3	Type 49016 Head Telephone Assemblies	B	16H3930				
2	Type 51004C Hand Microphone Assemblies	B	16M2352				
<u>MISCELLANEOUS SPARES</u>							
1	Type 21800 Motor-Generator Unit	B					
2	Type 49016 Head Telephone Assemblies	B	16H3930				
1	Type 51004C Hand Microphone Assembly	B	16M2352				
1	Type 61481 Suspension Insulators	C	16I12130				
6	Type 61479 Suspension Insulators	C	16I12108				
1	Type 61019C Entrance Insulator	B	16I5951				
2	Type 61471 Entrance Insulators	B					
1	Type 61175A Pedestal Insulator	C	16I9832				
200 Ft.	7-#18 Bronze Antenna Wire	C	16W3740				
<u>TOOLS</u>							
1	Drills, hand 3/8" capacity	C	41D1828				
1	Iron, soldering, electric, light duty	B	41I688				
1	Frame, hacksaw, adjustable	C	41F3390				
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1 set	Drills, twist, carbon-steel, type "K"	B	40D1250				
1	Rule, multiple folding, wood	C	41R2844				
1	Hammer, machinists', 1/2 lb.	C	41H521				
1	File, flat, 6"	C	41F870				
1	Punch, center, 3/8"	C	41P3185				
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, round nose, short, 6"	C	41P1914				
1	Pliers, side cutting, flat nose, 6"	C	41P1974				
1	Pliers, long nose, 6"	C	41P1991				
1	Screwdriver, common, 3" blade	C	41S1101				
1	Screwdriver, common, 5" blade	C	41S1104				
1	Screwdriver, common, 8" blade	C	41S1106				
1	Screwdriver, slim-shank, 6" blade	C	41S1156				
1	Screwdriver, Phillips 3/4" blade #1 point	C	41S1645-19				
1	Screwdriver, Phillips 1/2" blade #2 point	C	41S1645-20				
1	Screwdriver, Phillips, 5/8" blade #4 point	C	41S1645-30				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	270B	III	31 July 1944	1 July 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**FRIGATES**

TYPE

**PF**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO CENTRAL</u>				<u>ELSEWHERE</u>			
1	Model TBL Series Transmitting Equipment	B				B	
1	Model TDE Series Transmitting Equipment	B				B	
1	Model TBS Series Transmitting-Receiving Equipment	B		1	Model MBF Series Transmitting-Receiving Equipment	B	
1	Model RAK Series Receiving Equipment	B		1	Model TCB Series Transmitting-Receiving Equipment	B	
1	Model RAL Series Receiving Equipment	B		#1	Model DAG Series Direction Finding Equipment	B	
1	Model REE Series Receiving Equipment	B		#1	Type 23135 Control Unit	B	
1	Model RBL Series Receiving Equipment	B		3	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B	
1	Model RAC Series Receiving Equipment	B		#1	Type 49620 Loudspeaker Unit	B	
1	Model AN/ARC-1 Transmitting Equipment	B		#1	Type 51019 Hand Telephone Unit	B	
1	Model LM Series Frequency Meter	B					
1	Type 50064 Modulator Equipment	B					
1	Type 23135 Control Unit	B					
2	Type 23146 Key-Control Panels	B					
1	Type 23436 Receiver Transfer Panel	B					
1	Type 23437 Transmitter Transfer Panel	B					
2	Type 49029 Jackboxes	B	16B10050				
1	Type 49063 Jackbox	B	16B10010				
1	Type 51019 Hand Telephone Assembly	B					
1	Type 613023 Resistor 3150 ohms, Style E						
2	Type 28002 Resistor Clips						
<u>RADIO DIRECTION FINDER STATION</u>				<u>ANTENNA SYSTEM</u>			
1	Model DAK Series Direction Finding Equipment	B		8*	Type 49123 Concentric Patchcord Assemblies	B	
1	Type 23146 Key-Control Panel	B		19*	Type 49120 Concentric Jacks	C	16J1200
1	Type 49029 Jackbox	B	16B10050	5	Type 28006A Receiver Protective Units	B	
				5	Type 63288 Static-Leak Resistors (1/2 megohm)	C	
				6*	Type 61493 Suspension Insulators	C	16I12145
				10*	Type 61479 Suspension Insulators	C	16I12105
				2	Type 61019C Entrance Insulators	B	16I5951
				1*	Type 61475 Entrance Insulator	B	16I5975
				16*	Type 61174B Pedestal Insulators	C	16I9829
				16*	Type 61339 Pedestal Insulators	C	16I9838
				2	Type 61352 Anti-Corona Caps	B	
				60	Type 61395A Spacer Insulators	C	16I9720
				6	Type 61471 Entrance Insulators	B	
				1	Type 66143 Antenna Assembly	B	
				1	Type 66095 Antenna Assembly	B	
				1	Type 66053 Whip Antenna	B	
<u>COMBAT INFORMATION CENTER</u>							
1	Model RBS Series Receiving Equipment	B					
1	Type 23135 Control Unit	B					
1	Type 23381 Control Unit	B					
1	Type 23423 Radiophone Unit	B					
2	Type 24502 Rotary Selector Switches	B					
1	Type 49620 Series Speaker-Amplifier Unit	B					
1	Type 51019 Hand Telephone Assembly	B					
2	Type 49546 Loudspeaker Unit	B					
2	Type 51008 Hand Telephone Assembly	B					
<u>CHART HOUSE</u>							
1	Type 49029 Jackbox	B	16B10050				
1	Model DAS Series Loran Equipment	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

# = Applicable to Vessels Specifically Designated.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	10 July 1945	III	275A	RE IIA 100

TYPE

PF

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**FRIGATES**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
					<u>SEARCH AND IFF RADAR</u>		
				1	Medium Air Search Radar	B	
				1	Medium Surface Search Radar	B	
				1	Model BL or BM Series Interrogator Responser	B	
				1	Model BN Series Interrogator Responser	B	
				2	Model BK Series Transponders	B	
				2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B	
				*1	Type CCL - 211018 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
					<u>RADAR REPEATERS</u>		
					Preference of model indicated by order of listing.		
				1	Standard Radar Repeater model VH or VD Series (Open Bridge)	B	
					<u>FIRE CONTROL RADAR EQUIPMENT</u>		
				1	Fire Control Radar Equipment Mk 26	B	
					<u>SONAR MATERIAL</u>		
				1	Model QBF/QJA Ranging Equipment	B	
				1	Model NJ Series Sounding Equipment	B	
				1	Range Recorder	B	
				*1	Bathy-Thermograph	B	
					<u>RCM MATERIAL</u>		
					None		

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

- ‡ = Assigned by Commanders Service Forces and Type Commanders.  
 † = Substitute CCL 211018 on DC Vessels.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	275B	III	10 July 1945	1 August 1945

**FITTING - OUT**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**FRIGATES**

<b>TYPE</b>
<b>PF</b>

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<u>TESTING EQUIPMENT</u>				<u>TOOLS (Cont.)</u>		
1	Model TS-331/UR Frequency Meter	B		1	Frame, hacksaw, adjustable	C	41P1700
1	Model LX R.F. Signal Generator	B		1	Hammer, machinists', 1/2 lb.	C	41N501
2	Model C Vacuum Tube Analyzer	B		1	Iron, soldering, electric, light duty	C	41T622
1	Model TS-331/UR Signal Generator	B		1	Iron, soldering, electric, medium duty	C	41T601
1	Type 601 Volt-Ohm Milliammeter	B		1	Pliers, combination, slip-joint, 6"	C	41P1711
2	Type 1007 Repair Kit	B		1	Pliers, combination, slip-joint, 8"	C	41P1643
1	Type 60285 Thermometer	B		1	Pliers, diagonal cutting, 4"	C	41P1710
1	Model CBL Oscilloscope	B		1	Pliers, diagonal cutting, 6"	C	41P1714
1	Model OAA - 2 Echo Box	B		1	Pliers, round nose, short, 4"	C	41P1610
1	Model OBU - 2, 3 Echo Box	B		1	Pliers, round nose, short, 6"	C	41P1614
	(for each SL)			1	Pliers, side cutting, flat nose, 6"	C	41P1671
1	Type 60 ARM Frequency Meter (for each SL & MK26)	B		1	Pliers, side cutting, flat nose, 8"	C	41P1677
1	Model OAX Series Sonar Monitor	B		1	Pliers, long nose, 8" (Wicks #555 or equal)	C	-
	<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>			1	Punch, center, 3/8"	C	41T1135
4	Type 49016 Hand Telephone Assemblies	B	16H3070	1	Screwdriver, common, 7" blade	C	41S1101
1	Type 51013 Chest Microphone Assembly	B	16M2068	1	Screwdriver, common, 4" blade	C	41S1102
1	Type 51004C Hand Microphone Assembly	B	16M2152	1	Screwdriver, common, 6" blade	C	41S1104
1	Model OAH Code Practice Set	B		1	Screwdriver, common, 8" blade	C	41S1106
1	Set Type "J" Crystals	B		1	Screwdriver, common, 10" blade	C	41S1110
	<u>MISCELLANEOUS SPARES</u>			1	Screwdriver, slim-shank, 6" blade	C	41S1156
2	Type 49016 Hand Telephone Assemblies	B	16H3070	1	Screwdriver, Phillips 3" blade #1 point	C	-
6	Type 4493 Suspension Insulators	C	16I12145	1	Screwdriver, Phillips, 4" blade, #2 point	C	-
1	Type 61479 Suspension Insulators	C	16I12105	1	Screwdriver, Phillips, 6" blade, #2 point	C	-
1	Type 61012 Entrance Insulators	B	16I15951	1	Torch, gasoline, 1 quart	C	41T604
1	Type 61274A Insulator Bowl	C	16I14025	1	Vise, bench, 3" jaws Class A	C	41V601
1	Type 61175 Entrance Insulator	B	16I15975	1	Wrench, open-end, 15° double-head, 7/16" & 1/2"	C	41W1000
1	Type 61176 Petal Insulators	C	16I15975	1	Wrench, open-end, 15° double-head, 9/16" & 5/8"	C	41W1005
4	Type 61174B Petal Insulators	C	16I15975	1	Wrench, open-end, 15° double-head, 5/8" & 3/4"	C	41W1008
4	Type 61174B Petal Insulators	C	16I15975	1	Wrench, open-end, 15° double-head, 7/8" & 15/16"	C	41W1010
32	Type 61395A Spacer Insulators	C	16I15975	1	Wrench, open-end, 15° double-head, 1" & 1-1/8"	C	41W1004
1	Type 61107 Resistor, 3150 ohms, Style E	C	16I15975	1	Wrench, open-end, 15° double-head, 1-1/8" & 1-1/4"	C	41W1006
200ft	7-#13 Bronze Antenna Wire	C	16K1740	1	Wrench, open-end, 15° double-head, 1-5/16" & 1-1/2"	C	41W1070
150ft	5/16" dia. (6x19) Bronze Wire Rope	C	02R200	1 Set	Wrenches, socket, hollow-shank, (Stevens "Sinitite" #T-77 or equal)	C	-
1	Type 61470 Insulator Bowl	C		1 set	Wrenches, setscrew (Allen #608 or equal)	C	-
2	Type 61471 Entrance Insulators	C					
	<u>TOOLS</u>						
6	Blades, hacksaw, type "B", 15 teeth	C	41P1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41P1164				
1	Chisel, machinists', hand, 1/4"	C	41C1057				
1	Chisel, machinists', hand, 3/8"	C	41C1062				
1	Cutter, circle, 1" to 5-1/2", 1/2" round shank (Pawood #5 or equal)	C	-				
1	Drill, hand, 3/8" capacity	C	41D1204				
1	Drill, breast, 1/2" capacity	B	41D1663				
1 set	Drills, twist, carbon-steel, type "K"	B	40D1250				
1	File, flat, 6"	C	41F370				
1	File, flat, 8"	C	41F372				
1	File, flat, 10"	C	41F374				

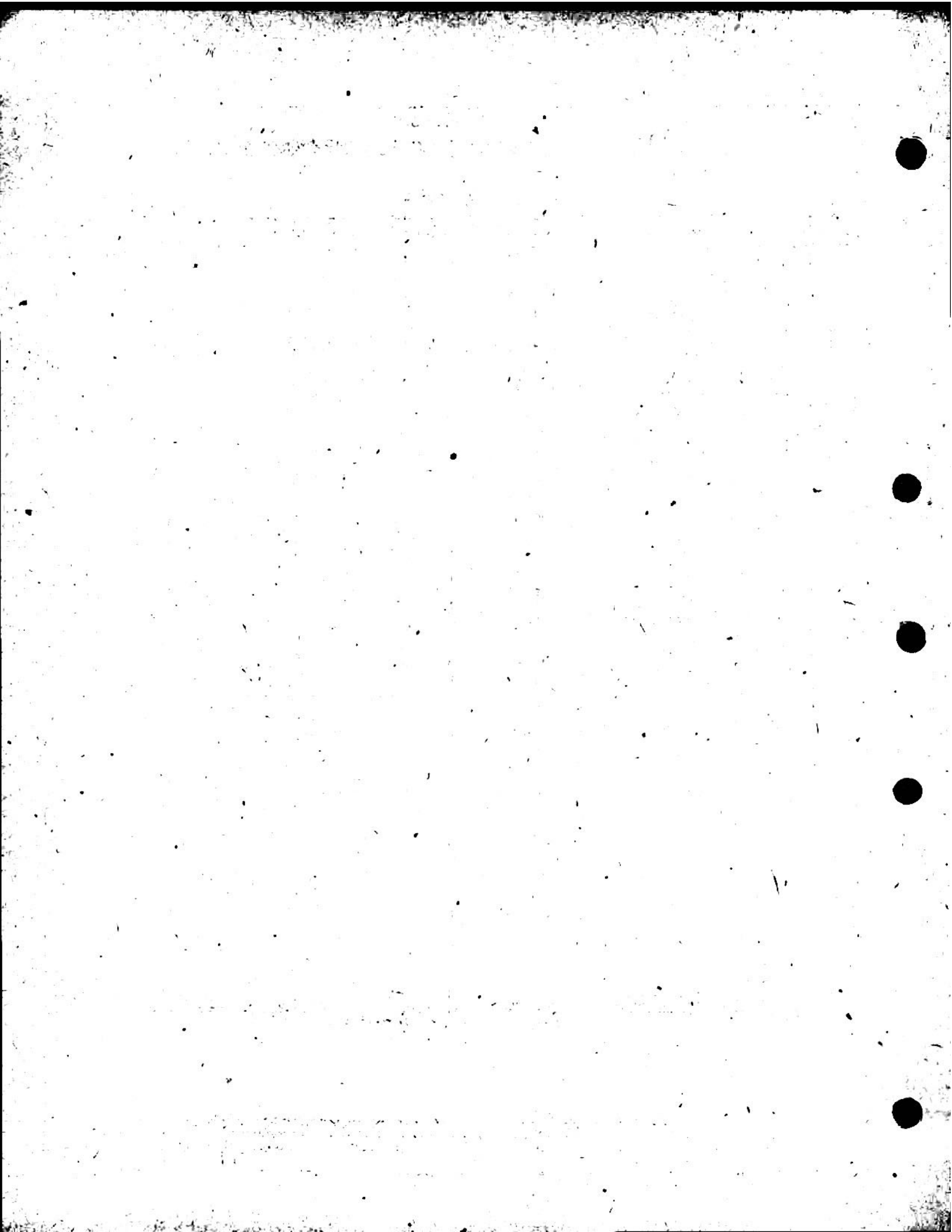
QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	1 May 1945	III	2750	RE IIA 100







TYPE
<b>PF</b>
WEATHER VESSELS

FITTING - OUT  
**TYPE ALLOWANCE OF RADIO MATERIAL**  
 FOR  
**WEATHER VESSELS**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
					<b>SEARCH AND IFF RADAR</b>		
				1	Medium Air Search Radar Model SA-2/SA-3 (with antenna modified for controlled tilting).		
				1	Medium Surface Search Radar	B	
				1	Model BL or BM Series Interrogator Responder	B	
				1	Model BN Series Interrogator Responder	B	
				2	Model BK Series Transponders	B	
				2	Type CTZ-66AGG or CTZ-66AFJ Antennas	B	
				*1	Type CCL - 211018 Motor Generator	B	
					<b>RADAR REPEATERS</b>		
				1	Standard Radar Repeater Model VH or Model VD Series (Open Bridge)	B	
					<b>FIRE CONTROL RADAR EQUIPMENT</b>		
				1	Fire Control Radar Equipment MK 26 (Allowed in PF 1, 2, 9-14, 17, 20, 22, 40-42, 62, 63, 70, 71, 99, 100)	B	
					<b>SONAR MATERIAL</b>		
				1	Model QBF/QJA Ranging Equipment	B	
				1	Model NJ Series Sounding Equipment	B	
				1	Range Recorder	B	
				*1	Bathy-Thermograph	B	
					<b>RCM MATERIAL</b>		
					None		

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

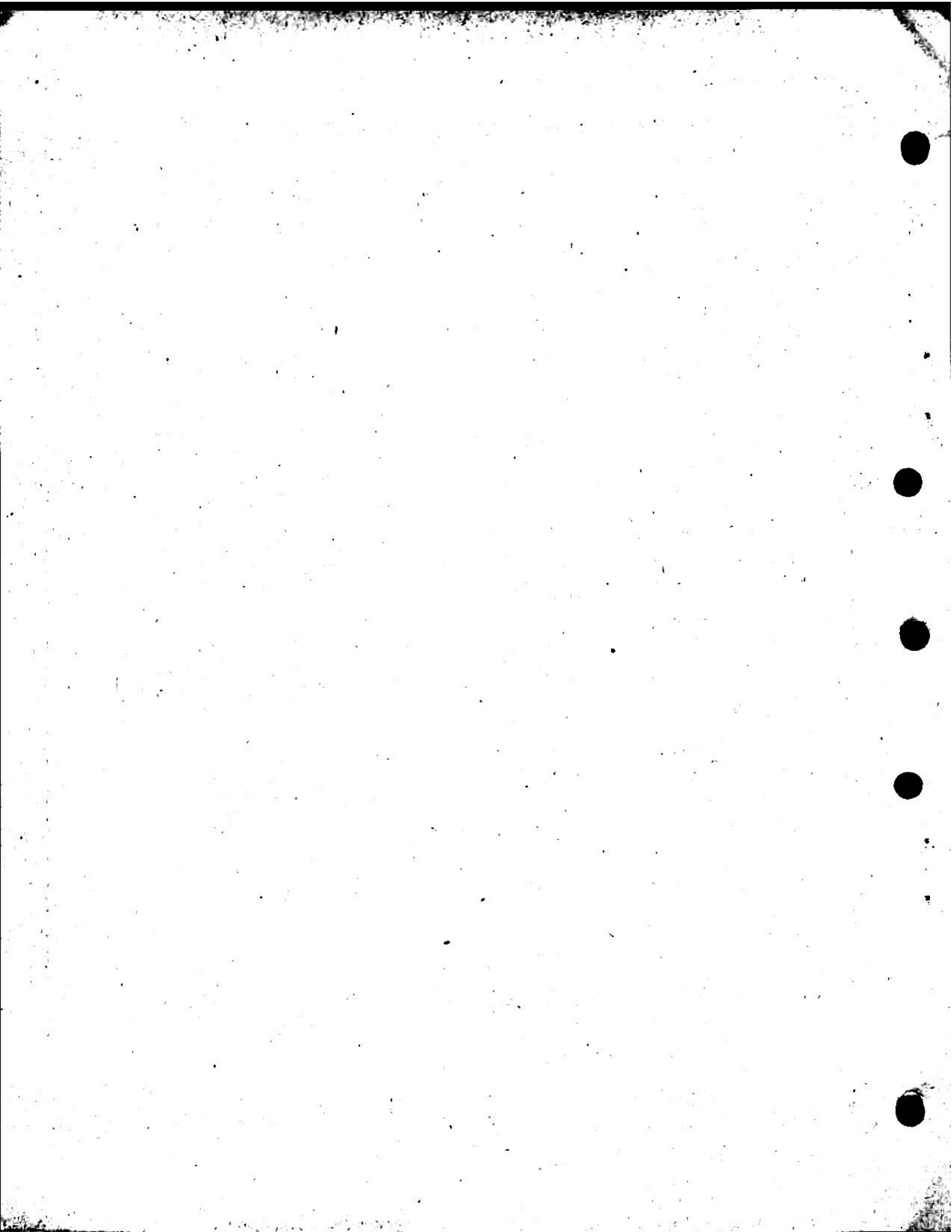
**SPECIAL EXCEPTIONS AND REMARKS**

- \* - Assigned by Commanders Service Forces and Type Commanders.
- ♦ - Substitute CCL 211014 on DC Vessels.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	276B	III	1 August 1945	1 December 1945







**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**GUNBOATS ( EXCEPT CORVETTE)**

**TYPE**  
**PG**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<b><u>RADIO CENTRAL</u></b>				<b><u>ELSEWHERE</u></b>		
1	Model TAJ Series Transmitting Equipment	B					
1	Model TBK Series Transmitting Equipment	B					
1	Model TBS Series Transmitting-Receiving Equipment	B		3	Type 49620 Series Speaker-Amplifier Unit (Broadcast)	B	
1	Model AN/ARC Series Transmitting-Receiving Equipment	B					
1	Model RBA Series Receiving Equipment	B					
1	Model RBB Series Receiving Equipment	B					
1	Model RBC Series Receiving Equipment	B					
1	Model RAK Series Receiving Equipment	B					
1	Model RAL Series Receiving Equipment	B					
1	Model RBO Series Receiving Equipment	B		25*	Type 49120 Concentric Jacks	C	16J1200
1	Model LM Series Frequency Meter	B		12*	Type 49123 Concentric Patchcord Assemblies	B	
1	Type 23187 Receiver Transfer Panel	B					
1	Type 23199 Transmitter Transfer Panel	B		5	Type 28006A Receiver Protective Units	B	
6	Type 49029 Jackboxes	B	16B10050	6	Type 63288 Static Leak Resistors (1/2 megohm)	B	
1	Type 49063 Jackbox	B	16B10010				
3	Type 23146 Key-Control Panels	B		23*	Type 61174B Pedestal Insulators	C	16I9829
				4*	Type 61175B Pedestal Insulators	C	16I9829
				90*	Type 61395A Spacer Insulators	C	16I9720
				18*	Type 61493 Suspension Insulators	C	16I12145
				10*	Type 61479 Suspension Insulators	C	16I12105
				2	Type 6019C Entrance Insulators	B	16I5951
				3	Type 61475 Entrance Insulators	B	16I5975
				6	Type 61352 Anti-Corona Caps	B	
				7	Type 61471 Entrance Insulators	B	
				1	Type 66143 Antenna Assembly	B	
				1	Type 66095 Antenna Assembly	B	
	<b><u>EMERGENCY RADIO STATION</u></b>						
1	Model TBL Series Transmitting Equipment	B					
1	Model RAK Series Receiving Equipment	B					
1	Model RAL Series Receiving Equipment	B					
1	Type 23146 Key-Control Panel	B					
1	Type 23204 Transmitter Transfer Panel	B					
1	Type 23190 Receiver Transfer Panel	B					
1	Type 49063 Jackbox	B	16B10010				
1	Type 50064 Modulator Equipment	B					
					<b><u>RADAR MATERIAL</u></b>		
					<b><u>SEARCH AND IFF RADAR</u></b>		
				1	Medium Air Search Radar	B	
				1	Small Surface Search Radar	B	
				1	Model BL or BM Series Interrogator Responder	B	
				1	Model BN Series Interrogator Responder	B	
				2	Model BK Series Transponders	B	
				+2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B	
				1	Type CCL - 211014 Motor Generators	B	
				4	Type 6V-GBM-15AH Storage Batteries	B	17B9490
					<b><u>FIRE CONTROL RADAR EQUIPMENT</u></b>		
				1	Fire Control Radar Equipment MK 3 allowed in PG 51		
					<b><u>SONAR MATERIAL</u></b>		
				1	Model QCQ-2 Ranging Equipment	B	
				1	Model NJ Series Sounding Equipment	B	
				1	Range Recorder	B	
				1	Bathy-Thermograph	B	
					<b><u>RCM MATERIAL</u></b>		
					None		

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

- \* = Assigned by Commander Service Forces and Type Commanders.
- + = One additional allowed when Air Search Radar Antenna does not include IFF Array.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	10 July 1945	III	280A	RE IIA 100

TYPE

PG

FITTING - OUT

## TYPE ALLOWANCE OF ELECTRONIC MATERIAL FOR GUNBOATS (EXCEPT CORVETTE)

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Contd.)</u>			
1	Model OAA - 2 Echo Box	B		1	Drill, hand, 3/8" capacity	C	41D1828
1	Model OBU - 2, 3 Echo Box (for each SL)			1	Drill, breast, 1/2" capacity	B	41D1663
1	Model TS-173/UR Frequency Meter			1 set	Drills, twist, carbon-steel, type "K"	B	MOD1250
1	Type 60ABM Frequency Meter (for each SL)			1	File, flat, 6"	C	41F870
1	Model OEL Series Oscilloscope	B		1	File, flat, 8"	C	41F872
1	Model TS-331/UR Signal Generator	B		1	File, flat, 10"	C	41F874
1	Model OZ Series Tube Tester	B		1	Frame, hacksaw, adjustable	C	41F3390
1	Model OAX Series Sonar Monitor	B		1	Hammer, machinists', 1/2 lb.	B	41H521
2	Type OBQ Electric Voltmeter	B		1	Iron, soldering, electric, light duty	B	41I688
1	Type 10223 Repair Kits	B		1	Iron, soldering, electric, medium duty	B	41I691
1	Type 60089 VT Meghommeter	B		1	Pliers, combination, slip-joint, 6"	C	41P1631
1	Model LP Series Signal Generator	B		1	Pliers, combination, slip-joint, 8"	C	41P1633
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>				<u>MISCELLANEOUS SPARES</u>			
4	Type 49016 Head Telephone Assemblies	B	16H3930	1	Pliers, diagonal cutting, 4"	C	41P1710
1	Model TBX Series Transmitting-Receiving Equipment	B		1	Pliers, diagonal cutting, 6"	C	41P1714
1	Model TBY Series Transmitting-Receiving Equipment	B		1	Pliers, round nose, short, 4"	C	41P1910
1	Model OAH Code Practice Set	B		1	Pliers, round nose, short, 6"	C	41P1914
4	Type 49016 Head Telephone Assemblies	B	16H3930	1	Pliers, side cutting, flat nose, 6"	C	41P1974
5	Type 61174B Pedestal Insulators	C	16I9829	1	Pliers, side cutting, flat nose, 8"	C	41P1977
1	Type 61175A Pedestal Insulators	C	16I9832	1	Pliers, long nose, 8" (Utica #655 or equal)	C	-
10	Type 61395A Spacer Insulators	C	16I9720	1	Punch, center, 3/8"	C	41T3185
9	Type 61012B Suspension Insulators	C	16I12145	1	Screwdriver, common, 3" blade	C	41S1101
5	Type 61014A Suspension Insulators	C	16I12105	1	Screwdriver, common, 4" blade	C	41S1102
4	Type 61339 Pedestal Insulators	C	16I9838	1	Screwdriver, common, 6" blade	C	41S1104
1	Type 61475 Entrance Insulator	B	16I5975	1	Screwdriver, common, 8" blade	C	41S1106
1	Type 61019C Entrance Insulator	B	16I5951	1	Screwdriver, common, 12" blade	C	41S1110
2	Type 61234A Insulator Bowls	C	16I14025	1	Screwdriver, slim-shank, 6" blade	C	41S1156
1	Type 631023 Resistor, 3150 ohms, Style E	C		1	Screwdriver, Phillips 3" blade #1 point	C	-
200 ft	7-#18 Bronze Antenna Wire	C	16W3740	1	Screwdriver, Phillips, 4" blade, #2 point	C	-
150 ft	5/16" dia. (6x19) Bronze Wire Rope	C	22R200	1	Screwdriver, Phillips, 5" blade, #4 point	C	-
150 ft	7/16" dia. (6x19) Bronze Wire Rope	C	22R210	1	Torch, gasoline, 1 quart	B	41T3645
2	Type 61471 Entrance Insulator	C		1	Vise, bench, 3" jaws Class A	B	41V242
1	Type 61470 Insulator Bowl	C		1	Wrench, open-end, 15" double-head, 7/16" & 1/2"	C	41W1000
<u>TOOLS</u>				<u>TOOLS</u>			
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163	1	Wrench, open-end, 15" double-head, 9/16" & 5/8"	C	41W1005
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164	1	Wrench, open-end, 15" double-head, 5/8" & 3/4"	C	41W1008
1	Chisel, machinists', hand, 1/4"	C	41C1052	1	Wrench, open-end, 15" double-head, 3/4" & 13/16"	C	41W1012
1	Chisel, machinists', hand 3/8"	C	41C1062	1	Wrench, open-end, 15" double-head, 7/8" & 15/16"	C	41W1019
1	Cutter, circle, 1" to 5-1/2", 1/2" round shank (Pawood #5 or equal)	C	-	1	Wrench, open-end, 15" double-head, 1" & 1-1/8"	C	41W1024
				1 set	Wrench, open-end, 15" double-head, 1-1/8" & 1-1/4"	C	41W1026
				1 set	Wrench, open-end, 15" double-head, 1-5/16" & 1-1/2"	C	41W1032
				1 set	Wrenches, socket, hollow-shank, (Stevens "Spintite" #T-73 or equal)	C	-
				1 set	Wrenches, setscrew (Allen #604 or equal)	B	-
QUANTITIES MARKED WITH AN ASTERISK(*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES							
SPECIAL EXCEPTIONS AND REMARKS							
THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II							
REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED			
RE IIA 100	280B	III	10 July 1945	1 August 1945			

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR

TYPE
PG

PG 62-71, 86, 87, 89, 92 -96      GUNBOATS (CORVETTE CLASS)

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO CENTRAL</u>				<u>ANTENNA SYSTEM</u>			
1	Model TBS Series Transmitting-Receiving Equipment	B		8*	Type 49123 Concentric Patchcord Assemblies	B	
1	Model TEL Series Transmitting Equipment	B		19*	Type 49120 Concentric Jacks	C	16J1200
1	Model TCO Series Transmitting-Receiving Equipment	B		5	Type 28006A Receiver Protective Units	B	
1	Model RAK Series Receiving Equipment	B		5	Type 63288 Static-Leak Resistors (1/2 Meg.)	C	
1	Model RAL Series Receiving Equipment	B		6*	Type 61493 Suspension Insulators	C	16I12145
1	Model AN/ARC Series Transmitting Equipmt.	B		10*	Type 61479 Suspension Insulators	C	16I12105
1	Model LM Series Frequency Meter	B		1	Type 61019C Entrance Insulator	B	16I5951
1	Type 50064 Modulator Equipment	B		1	Type 61475 Entrance Insulator	B	16I5975
1	Type 23135 Control Unit	B		8	Type 61339 Pedestal Insulators	C	16I9838
2	Type 23146 Key-Control Panels	B		2	Type 61352 Anti-Corona Caps	E	
1	Type 23436 Receiver Transfer Panel	B		1	Type 631023 Resistor, 3150 ohms, Style E	C	
1	Type 23437 Transmitter Transfer Panel	B		2	Type 28002 Resistor Clips	C	
2	Type 49029 Jackboxes	B	16B10050	5	Type 61471 Entrance Insulators	B	
1	Type 49063 Jackbox	B	16B10010	1	Type 66143 Antenna Assembly	B	
1	Type 51019 Hand Telephone Assembly	B		1	Type 66095 Antenna Assembly	B	
1	Model TCS Series Transmitting/Receiving Equipment	B					
2	Type 6V-SBM-100AH Storage Batteries	B					
1	Type 631023 Resistor, 3150 OHMS, Type E	B					
2	Type 28002 Resistor Clips	B					
<u>PILOT HOUSE</u>				<u>RADAR MATERIAL</u>			
1	Model RBS Series Receiving Equipment	B					
1	Model MBF Series Transmitting-Receiving Equipment	B					
1	Type 23135 Control Unit	B		1	Small Surface Search Radar	B	
1	Type 23423 Radiophone Unit	B		2	Model BN Series Interrogator Responder	B	
1	Type 49620 Series Speaker-Amplifier Unit	B		1	Model BK Series Transponders	B	
1	Type 51019 Hand Telephone Assembly	B		2	Type CTZ-66 ACG or CTZ-66AFJ Antennas	B	
2	Type 49546 Loudspeaker Units	B		1	Type CCL - 211014 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
<u>CHART HOUSE</u>				<u>SONAR MATERIAL</u>			
1	Model DAS Series Loran Equipment	B					
1	Type 49029 Jackbox	B	16B10050				
<u>ELSEWHERE</u>				<u>RCM MATERIAL</u>			
1	Model RBO Series Receiving Equipment	B		1	Model QCC-2 Ranging Equipment	B	
2		B		1	Model NJ Series Sounding Equipment	B	
1		B		1	Range Recorder	B	
3	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B		1	Bathy-Thermograph	B	
<u>None</u>				<u>None</u>			

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

\* = Assigned by Commander Service Forces and Type Commanders.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	10 July 1945	III	281A	RE IIA 100





INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**MOTOR GUNBOATS (1-8)**

TYPE  
**PGM**  
 (1-8)

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO ROOM</u>						
1	Model TCS Series Transmitting-Receiving Equipment	B					
1	Model AN/ARC-1 Transmitting-Receiving Equipment	B					
1	Model RBO Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
2	Type 21800 Motor Generator Units	B					
1	Type 49029 Jackbox	B	16B10050				
	<u>ELSEWHERE</u>						
2	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B					
1	Type 49620 Series Speaker-Amplifier Unit	B					
1	Type 49006B Telephone Plug	C					
	<u>ANTENNA SYSTEM</u>						
1	Type 24206 Antenna Switch	B	16B10205				
2	Type 66053 Vertical Antennas	B					
2	Type 61428 Antenna Supporting Insulators	B	16I5045				
4*	Type 61174B Pedestal Insulators	C	16I9829				
4*	Type 61175A Pedestal Insulators	C	16I9832				
	<u>PILOT HOUSE</u>						
1	Model MBF Series Transmitting-Receiving Equipment	B					
	<u>RADAR MATERIAL</u>						
	<u>SEARCH AND IFF RADAR</u>						
1	Small Surface Search Radar Model 90-8c.	B					
1	Model BN Series Interrogator-Responder	B					
1	Model BK Series Transponders	B					
2	Type CTZ 66ACG or CTZ 66AFJ Antennas	B					
1	Type GCL - 211014 Motor Generator	B					
4	Type 6V-SBM-15AH Storage Batteries	B					
	<u>SONAR MATERIAL</u>						
1	Model NJ Series Sounding Equipment	B					
	<u>RCM MATERIAL</u>						
	None						

*QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

SPECIAL EXCEPTIONS AND REMARKS

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 July 1949	1 December 1944	III	286A	RE IIA 100



TYPE

PGM  
1-8

FITTING - OUT

TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
MOTOR GUNBOATS (1-8)

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>							
1	Model OAA-2 Echo Boxes	B					
1	Model TS-173/UR Frequency Meter	B					
1	Model OBL Series Oscilloscopes	B					
1	Model TS-331/UR Signal Generator	B					
1	Model OZ Series Tube Tester	B					
2	Type 10223 Repair Kit	B					
1	Type 60089 VT Megohmmeter	B					
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
2	Type 49016 Head Telephone Assemblies	B	16H3930				
1	Set Group "A" TCS Crystals	B					
1	Type 51004C Hand Microphone Assembly	B	16M2352				
<u>MISCELLANEOUS SPARES</u>							
1	Type 21800 Motor Generator Unit	B					
1	Type 49016 Head Telephone Assembly	B					
1	Type 51004C Hand Microphone Assembly	B	16M2352				
1	Type 61174B Pedestal Insulator	C	16I9832				
1	Type 61175A Pedestal Insulator	C	16I9832				
1	Type 61428 Antenna Supporting Insulator	B	16I5045				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	286B	III	1 December 1944	1 July 1945

114

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**PGM (MOTOR GUNBOATS) (9-32)**

<b>TYPE</b>
<b>PGM</b>
<b>(9-32)</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO ROOM</u>						
1	Model TDE Series Transmitting Equipment	B					
1	Model HAO Series Receiving Equipment	B					
1	Model RBL Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
2	Type 21800 Motor Generator Units	B					
1	Type 25012A Telegraph Key	B	16K1790				
1	Type 49029 Jackboxes	B	16B10050				
1	Model AN/ARC-1 Transmitting-Receiving Equipment	B					
1	Type 49063 Jackbox	B					
	<u>PILOT HOUSE</u>						
1	Type 23381 Remote Control Unit	B					
1	Type 49620 Series Speaker-Amplifier Unit	B					
1	Type 49546 Loudspeaker	B					
1	Model MBF Series Transmitting-Receiving Equipment	B					
	<u>ELSEWHERE</u>						
2	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B					
1	Model RBO Series Receiving Equipment	B					
2	Type 211014 Motor Generator Units	B					
	<u>ANTENNA SYSTEM</u>						
1	Type 24206 Antenna Switch	B	16B10735				
3	Type 28006A Receiver Protector Units	B	16P8800				
6*	Type 49120 Concentric Jacks	C	16J1200				
3*	Type 49123 Concentric Patchcord Assemblies	B					
6*	Type 61175A Pedestal Insulators	C	16I9832	1	Model NJ Series Sounding Equipment	B	
3	Type 63288 Static-Leak Resistors (1/2 megohms)	C	16R18225				
3	Type 66053 Vertical Antennas	B					
1	Type 66091 Antenna Assembly	B					
1	Type 61019C Entrance Insulator	B					
3	Type 61471 Entrance Insulator	B					
	<u>SEARCH AND IFF RADAR</u>						
1	Small Surface Search Radar Model SF-1	B					
1	Model BN Series Interrogator-Responder	B					
1	Model BK Series Transponders	B					
2	Type CTZ 66ACG or CTZ 66AFJ Antennas	B					
1	Type GCL - 211014 Motor Generator	B					
4	Type 6V-SBM-15AH Storage Batteries	B					
	<u>SONAR MATERIAL</u>						
	<u>RCM MATERIAL</u>						
	None						

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 July 1945	1 December 1944	III	287A	RE IIA 100

TYPE  
PGM  
(9-32)

FITTING - OUT  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
PGM (MOTOR GUNBOATS) (9-32)

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Continued)</u>			
1	Model OAA-2 Echo Box	B		1	Set Wrenches, socket, hollow-shank	B	412623-425
1	Model TS-173 UR Frequency Meter	B		1	Set Wrenches, setscrews (Allen #504 or equal)	B	
1	Model OBL Series Oscilloscopes	B					
1	Model TS-331 UR Signal Generator	B					
1	Model OZ Series Tube Tester	B					
2	Type 10223 Repair Kit	B					
1	Type 60089 VT Megohmmeter	B					
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
1	Model OAH Series Code Practice Equipment	B					
4	Type 49016 Head Telephone Assemblies	B	16H3930				
3	Type 51004C Hand Microphone Assemblies	B	16M2352				
<u>MISCELLANEOUS SPARES</u>							
1	Type 21800 Motor Generator Unit	B					
2	Type 49016 Head Telephone Assemblies	B	16H3930				
2	Type 51004C Hand Microphone Assembly	B	16M2352				
4	Type 61175A Pedestal Insulator	C	16I9832				
400 ft	7-#18 Bronze Antenna Wire	C	16W3740				
2	Type 66053 Vertical Antennas	B					
1	Type 61019C Entrance Insulator	B	1615951				
1	Type 61471 Entrance Insulator	B					
<u>TOOLS</u>							
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Drill, hand, 3/8" capacity	C	41D1828				
1	set Drills, twist, carbon-steel, type "A"	B	40D1250				
1	File, flat, 6"	C	41F870				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists, 1/2 lb.	C	41H521				
1	Iron, soldering, electric, light duty	B	41I88				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, round nose, short, 6"	C	41P1914				
1	Pliers, side cutting, flat nose, 6"	C	41P1974				
1	Pliers, long nose, 6"	C	41P1991				
1	Punch, center, 3/8"	C	41T3125				
1	Rule, multiple folding, wood	C	41R2844				
1	Screwdriver, common, 3/4" blade	C	41S1101				
1	Screwdriver, common, 6" blade	C	41S1104				
1	Screwdriver, common, 8" blade	C	41S1106				
1	Screwdriver, slim-shank, 6" blade	C	41S1156				
1	Screwdriver, Phillips, 3" blade, #1 Point	C	41S-1645-15				
1	Screwdriver, Phillips, 4" blade, #2 Point	C	41S-1645-20				
1	Screwdriver, Phillips, 6" blade, #4 Point	C	41S-1645-30				
1	Set wrenches, open-end, 22-1/2" double-head 1/4" to 1"						

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	287B	III	1 December 1944	1 July 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
 FOR  
 MOTOR TORPEDO BOATS**

TYPE
<b>PT</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>CHART HOUSE</u>						
1	Model TCS Series Transmitting-Receiving Equipment	B					
1	Model AN/ARC-1 Transmitting-Receiving Equipment	B					
1	Type 49006B Telephone Plug	C					
1	Type 49624 Loudspeaker Unit (or Equiv.)	B					
	<u>ANTENNA SYSTEM</u>						
6*	Type 61174B Pedestal Insulators	C	1619829				
2*	Type 61175A Pedestal Insulators	C	1619832				
1	Type 6142E Antenna Supporting Insulator	B	1615045				
1*	Type 61471 Entrance Insulator	B					
1	Type 66053 Vertical Antenna	B					
1	Type 66091 Antenna Assembly	B					
	<u>RADAR MATERIAL</u>						
	<u>SEARCH AND IFF RADAR</u>						
1	Small Surface Search Radar	B					
1	Model BN Series Interrogator-Responder	B					
1	Model BK Series Transponder	B					
1	Type CTZ 66ACG or CTZ 66AFJ Antenna	B					
1	Type CAGQ-24-AAP R.F. Change over Switch	B					
	<u>SONAR MATERIAL</u>						
	None						
	<u>RCM MATERIAL</u>						
	None						

**QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES**

SPECIAL EXCEPTIONS AND REMARKS

**THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	1 July 1945	III	290A	RE IIA 100

TYPE

PT

FITTING - OUT

**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
MOTOR TORPEDO BOATS**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>MISCELLANEOUS MATERIAL AND EQUIPMENT</u>							
2	Type 49016 Head Telephone Assemblies	B	16H3930				
1	Type 51004C Hand Microphone Assembly	B	16M2352				
1 set	Group "A" TCS Crystals	B					
<u>MISCELLANEOUS SPARES</u>							
1	Type 49016 Head Telephone Assembly	B	16H3930				
1	Type 61174B Pedestal Insulator	C	16I9829				
1	Type 61175A Pedestal Insulator	C	16I9832				
1	Type 61428 Antenna Supporting Insulator	B	16I5045				
1	Type 61471 Entrance Insulator	B					
1	Type 51004C Hand Microphone Assembly	B	16M2352				
<u>TOOLS</u>							
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Screwdriver, common, 3" blade	C	41S1101				
1	Screwdriver, common, 8" blade	C	41S1106				
1	Screwdriver, slim-shank, 6" blade	C	41S1156				
<u>TESTING EQUIPMENT</u>							
1	Type 10223 Repair Kit	B					
<p align="center">QUANTITIES MARKED WITH AN ASTERISK (*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES</p> <p align="center">SPECIAL EXCEPTIONS AND REMARKS</p>							
<p align="center">THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II</p>							
REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED			
RE IIA 100	290B	III	1 July 1945	1 August 1945			



**SQUADRON**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**(PT) MOTOR TORPEDO BOAT SQUADRON**

<b>TYPE</b>
<b>PT</b>

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>SPARE EQUIPMENT</u>				<u>TOOLS</u>			
1	Model TCS Series Transmitting-Receiving Equipment	B		6	Blades, hacksaw, type "B", 18 teeth	C	41B1163
1	Model AN/ARC-1 Transmitting/Receiving Equipment	B		6	Blades, hacksaw, type "B", 32 teeth	C	41B1164
2	Type 21910 Motor-Generator	B		1	Drill, hand, 3/8" capacity	C	41D1828
1	Type 49624 Loudspeaker Unit(Or equiv.)	B		1 set	Drills, twist carbon-steel, type "K"	C	40D1250
1	Model 80a/80-13 Tender Spares	B		1	File, flat, 6"	B	41F870
				1	Frame, hacksaw, adjustable	C	41F3390
				1	Hammer, machinists, 1/2 lb.	C	41H521
				1	Iron, soldering, electric, light duty	C	41P1631
				1	Pliers, diagonal cutting, 4"	C	41P1710
				1	Pliers, diagonal cutting, 6"	C	41P1714
				1	Pliers, round nose, short, 6"	C	41P1914
				1	Pliers, side cutting, flat nose, 6"	C	41P1974
				1	Pliers, long nose, 6"	C	41P1991
				1	Punch, center, 3/8"	C	41T3185
				1	Rule, multiple folding, wood	C	41R2844
				1	Screwdriver, common, 3" blade	C	41B1101
				1	Screwdriver, common, 6" blade	C	41B1104
				1	Screwdriver, common, 8" blade	C	41B1106
				1	Screwdriver, slim-shank, 6" blade	C	41B1156
				1	Screwdriver, Phillips, 3" blade #1 point	C 4	41B1645-15
				1	Screwdriver, Phillips, 4" blade #2 point	C 4	41B1645-20
				1	Screwdriver, Phillips, 8" blade #4 point	C 4	41B1645-30
				1 set	Wrenches, open-end, 22-1/2" double-head 1/4" to 1"	C	41W2100
				1 set	Wrenches, socket, hollow-shank	C 4	41W2623-42
				1 set	Wrenches, setscrew, (Allen #604 or equal)	B	
<u>BASE INSTALLATION EQUIPMENT</u>							
1	Model MM Series Transmitting-Receiving Equipment	B					
1	Model LM Series Frequency Meter (Battery Operated)	B					
4	Model RBO Series Receiving Equipment	B					
4	Type 49620 Series Speaker-Amplifier Units	B					
<u>TESTING EQUIPMENT</u>							
1	Model LM Series Frequency Meter	B					
2	Model OAP Series Frequency Meter	B					
2	Model TS-173/UR Frequency Meter	B					
2	Model TS-182/UP Frequency Meter	B					
2	Model OBT Series Oscilloscopes	B					
2	Model LP Series Signal Generator	B					
2	Model OCD Series Pulser	B					
2	Model TS-331/UR Signal Generator	B					
2	Model 709B (RCA) Signal Generator	B					
2	Model OZ Series Tube Tester	B					
2	Model OBQ VT Volt Ohm Milliammeter	B					
2	Model OCR Volt Ohm Ma	B					
2	Model OF Field Strength Meter	B					
2	Model TS-89/AP Voltage Divider	B					
2	Model OCW Series Megger	B					
4	Type 10223 Repair Kit	B					
2	Type 60089 VT Megohmmeter	B					
2	58 Measurements Corp. Noise M.	B					
2	Type 10498 Terminal Kit	B					
<u>MISCELLANEOUS MATERIAL</u>							
14	Type 49016 Head Telephone Assemblies	B	16H3930				
12	Type 51004C Hand Microphone Assemblies	B	16M2352				
6	Type 66053 Vertical Antennas	B					
300 ft	7-#18 Bronze Antenna Wire	C	16W3740				
18	Type 61479 Suspension Insulators	C	16I12109				
6	Type 61428 Supporting Insulators	B					
2	Type 49006B Telephone Plug	C					

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
10 July 1945	1 July 1945	III	290C	RE IIA 100



**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**YACHTS**

<b>TYPE</b>
<b>PY</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO ROOM</u>				<u>AEROLOGICAL OFFICE</u>			
1	Model TDE Series Transmitting Equipment	B		#1	Model RAU/AN/FMQ-1a Series Radiosonde Receiving Recording Equipment	B	
1	Model RAO Series Receiving Equipment	B					
1	Model RBL Receiving Equipment	B					
1	Model RBO Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
2	Type 21800 Motor-Generator Units	B					
1	Type 26012A Telegraph Key	B	16K1790				
2	Type 49029 Jackboxes	B	16B10050				
<u>PILOT HOUSE</u>				<u>RADAR MATERIAL</u>			
1	Model MBF series Transmitting/Receiving Equipment	B					
1	Type 23381 Remote Control Unit	B					
1	Type 49620 Series Speaker-Amplifier Unit	B					
1	Model RBS Series Receiving Equipment	B			<u>SEARCH AND IFF RADAR</u>		
1	Type 49546 Loudspeaker Unit	B		1	Small Surface Search Radar	B	
				1	Model BN Series Interrogator-Responder	B	
				2	Model BK Series Series Transponders	B	
				2	Type CTZ 66ACG or CTZ 66AFJ Antennas	B	
				1	Type CCL - 211014 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	
<u>ELSEWHERE</u>				<u>SONAR MATERIAL</u>			
2	Type 49620 Series Speaker-Amplifier Units, (Broadcast)	B					
<u>ANTENNA SYSTEM</u>				<u>RCM MATERIAL</u>			
1	Type 24206 Antenna Switch	B					
9*	Type 49120 Concentric Jacks	C	16J1200				
4*	Type 49123 Concentric Patchcord Assemblies	B					
4	Type 28006A Receiver Protective Units	B	16P8800				
4*	Type 61481 Suspension Insulators	C	16I12130				
14*	Type 61479 Suspension Insulators	C	16I12105				
1*	Type 61019C Entrance Insulators	B	16I5951	1	Retain Ranging Equipment presently installed.		
5*	Type 61471 Entrance Insulators	B		1	Model NJ Series Sounding Equipment Range Recorder	B	
3	Type 61174B Pedestal Insulators	C	16I9829				
3*	Type 61175A Pedestal Insulators	C	16I9832				
4	Type 63288 Static Leak Resistors (1/2 megohm)	C	16R18225				
				None			

**QUANTITIES MARKED WITH AN ASTERISK[\*] ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES**

**SPECIAL EXCEPTIONS AND REMARKS**

# - Additional allowance on Vessels performing duty as Weather Vessels or Aircraft Station Vessels.

**THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	1 July 1945	III	295A	RE IIA 100

TYPE  
PY

FITTING - OUT  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
YACHTS

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Continued)</u>			
1	Model OZ Series Vacuum Tube Analyzer	B		1 set	Wrenches, open-end, 22-1/2" double-head, 1/4" to 1"	C	41W2100
1	Model OAX Series Sonar Monitor	B		1 set	Wrenches, socket, hollow-shank	C	41W2623-42
2	Type 10223 Repair Kits	B		1 set	Wrenches, setcrew (Allen #604 or equal)	B	
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
1	Model OAH Series Code Practice Set	B					
3	Type 49016 Head Telephone Assemblies	B	16H3930				
2	Type 51004C Hand Microphone Assemblies	B	16M2352				
<u>MISCELLANEOUS SPARES</u>							
1	Type 21800 Motor-Generator Unit	B					
2	Type 49016 Head Telephone Assemblies	B	16H3930				
1	Type 51004C Microphone	B	16M2352				
2	Type 61481 Suspension Insulators	C	16I12130				
7	Type 61479 Suspension Insulators	C	16I12105				
1	Type 61019C Entrance Insulator	B	16I5951				
2	Type 61471 Entrance Insulators	B					
2	Type 61174B Pedestal Insulators	C	16I9829				
1	Type 61175A Pedestal Insulator	C	16I9832				
200 Ft.	7-#18 Bronze Antenna Wire	C	16W3740				
<u>TOOLS</u>							
1	Drill, hand, 3/8" capacity	C	41D1828				
1	Iron, soldering, electric, light duty	B	41I688				
1	Frame, hacksaw, adjustable	C	41F3390				
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1 set	Drills, twist, carbon-steel, type "K"	B	41D1250				
1	Rule, multiple folding, wood	C	41R2844				
1	Hammer, machinists', 1/2 lb.	C	41H521				
1	File, flat, 6"	C	41F870				
1	Punch, center, 3/8"	C	41P3185				
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, round nose, short, 6"	C	41P1714				
1	Pliers, side cutting, flat nose, 6"	C	41P1974				
1	Pliers, long nose, 6"	C	41P1991				
1	Screwdriver, common, 3" blade	C	41S1101				
1	Screwdriver, common, 6" blade	C	41S1104				
1	Screwdriver, common, 8" blade	C	41S1106				
1	Screwdriver, Phillips 3" blade #1 point	C	41S1645-15				
1	Screwdriver, Phillips 4" blade #2 point	C	41S1645-20				
1	Screwdriver, Phillips 8" blade #4 point	C	41S1645-30				
1	Screwdriver, slim-shank, 6" blade	C	41S1156				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION IX

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	295B	YII	1 July 1945	1 August 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**YACHTS - (COASTAL)**

TYPE
PYc

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b>RADIO ROOM</b>							
1	Model TCP Series Transmitting-Receiving Equipment	B					
1	Model RBO Series Receiving Equipment	B					
1	Type 21500 Motor-Generator Unit	B					
<b>ELSEWHERE</b>							
2	Type 49220 Series Speaker-Amplifier Units	B					
<b>ANTENNA SYSTEM</b>							
1	Type 24206 Antenna Switch	B	16S10205				
*	Type 61461 Suspension Insulators	C	16I12130				
*	Type 61479 Suspension Insulators	C	16I12105				
*	Type 61471 Entrance Insulators	B					
*	Type 61174B Pedestal Insulators	C	16I9829				
*	Type 61175A Pedestal Insulators	C	16I9832				
*	Type 61019C Entrance Insulators	B	16I5951				
<b>AEROCLOGICAL OFFICE</b>							
#1	Model RAU/AN/FMQ-1a Series Radiosonde Receiving Recording Equipment	B					
<b>RADAR MATERIAL</b>							
1	Model BK Series Transponders	B					
1	Type CTZ 66ACG or CTZ 66AFJ Antenna	B					
1	Type CCL 211014 Motor Generator	B					
4	Type 6V 35M-15AH Storage Batteries	B					
<b>SONAR MATERIAL</b>							
+ 1	Model QBE-3/WEA-2/QCU Ranging Equipment	B					
1	Model NJ Series Sounding Equipment	B					
.1	Range Recorder	B					
#1	Bathy-Thermograph	B					
<b>RCM MATERIAL</b>							
None							

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

- # = Assigned by Commanders Service Forces and Type Commanders.
- + = QCU to replace WEA/WEA-1.
- # = Additional Allowance on Vessels performing duty as Weather Vessels or Aircraft Station Vessels.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	1 July 1945	III	296A	RE IIA 100



TYPE
PYc

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**YACHTS - (COASTAL)**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>							
1	Model OZ Series Vacuum Tube Analyzer	B					
1	Type 10223 Repair Kits	B					
1	Model OAX Sonar Monitor	B					
<u>MISCELLANEOUS SPARES</u>							
1	Type 49016 Head Telephone Assembly	B	16H3930				
2	Type 61481 Suspension Insulators	C	16112130				
2	Type 61479 Suspension Insulators	C	16112105				
1	Type 61019C Entrance Insulator	B	1615951				
1	Type 61174B Pedestal Insulator	C	1619829				
1	Type 61175A Pedestal Insulator	C	1619832				
1	Type 61471 Entrance Insulator	B					
150	Ft. 7-#16 Bronze Antenna Wire	C	16W3740				

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION 'II'

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	296B	III	1 July 1945	1 August 1945

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**SUBMARINE CHASERS (110')**

<b>TYPE</b>
<b>SC</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO ROOM</u>						
1	Model TDE Series Transmitting Equipment	B					
1	Model RAO Series Receiving Equipment	B					
1	Model RBL Series Receiving Equipment	B					
1	Model RBO Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
2	Type 21800 Motor Generators	B					
1	Type 26012A Telegraph Key	B	16K1790				
2	Type 49029 Jackbox	B	16B10050				
#1	Model T-18/ARC-5 Transmitting Equipment	B					
#1	Model T-19/ARC-5 Transmitting Equipment	B					
#1	Model T-20/ARC-5 Transmitting Equipment	B					
#1	Model T-23/ARC-5 Transmitting Equipment	B					
#1	Model R-25/ARC-5 Receiving Equipment	B					
#1	Model R-26/ARC-5 Receiving Equipment	B					
#1	Model R-28/ARC-5 Receiving Equipment	B					
#1	Type 211444 Motor Generator Unit	B					
1	Type 211437 Motor Generator	B					
	<u>PILOT HOUSE</u>						
1	Model DAS Series Loran Equipment	B					
#1	Model DAE Series Direction Finging Equipment	B					
#1	Model DBF Series Direction Finging Equipment	B					
1	Type 23381 Remote Control Unit	B					
1	Type 49620 Series Speaker-Amplifier Unit	B					
1	Model MBF Series Transmitting-Receiving Equipment	B					
	<u>ELSEWHERE</u>						
2	Type 49620 Series Speaker-Amplifier Units, (Broadcast)	B					
	<u>ANTENNA SYSTEM</u>						
1	Type 24206 Antenna Switch	B	16S10205				
3	Type 28006A Receiver Protective Units	B	16P8800				
9	Type 49120 Concentric Jacks	C	16J1200				
3	Type 49123 Concentric Patchcord Assemblies	B					
12*	Type 61019A Suspension Insulators	C	16I12105				
1*	Type 61019C Entrance Insulators	B	16I5951				
4*	Type 61471 Entrance Insulators	B					
5*	Type 61175A Pedestal Insulators	C	16I9832				
12*	Type 61395A Spacer Insulators	C	16I9720				
#1	Type 66053 Vertical Antenna	B					
#1	Type 61428 Antenna Supporting Insulator	B					
3	Type 63288 Static Leak Resistors (1/2 meg)	C	16R18225				
#1	Type 66095 Antenna Assembly	B					
					None		

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

ø = QCU to replace WEA/WEA-1.  
 # = Additional Equipment for Vessels assigned Air-Sea Rescue Service.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 December 1945	3 October 1945	III	300A	RE IIA 100

TYPE

SC

FITTING - OUT

## TYPE ALLOWANCE OF ELECTRONIC MATERIAL FOR SUBMARINE CHASERS (110')

NAVSHIP

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Continued)</u>			
1	Model OAX Sonar Monitor	B		1	Screwdriver, Phillips 3" blade #1 point	C 4	S1645-15
1	Model OZ Series Vacuum Tube Analyzer	B		1	Screwdriver, Phillips 4" blade #2 point	C 4	S1645-20
1	Model OBL Series Oscilloscopes	B		1	Screwdriver, Phillips 8" blade #4 point	C 4	S1645-30
1	Type 10223 Repair Kits	B		1 set	Wrenches, open-end, 20-1/2" double-head, 1/4" to 1"	C	41W2100
				1 set	Wrenches, socket, hollow-shank	C 4	W2623-425
				1 set	Wrenches, setscrew (Allen #604 or equal)	B	
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
1	Model OAH Series Code Practice Equipment	B					
3	Type 49016 Hand Telephone Assemblies	B					
2	Type 51004C Hand Microphone Assembly	B					
<u>MISCELLANEOUS SPARES</u>							
1	Type 21800 Motor-Generator Unit	B					
2	Type 49016 Hand Telephone Assemblies	B	16H3930				
1	Type 51004C Hand Microphone Assembly	B	16M2352				
7	Type 61479 Suspension Insulators	C	16I12105				
1	Type 61014C Entrance Insulator	B	16I5951				
2	Type 61471 Entrance Insulator	B					
1	Type 61175A Pedestal Insulator	C	16I9832				
3	Type 61395a Spacer Insulators	C	16I9720				
200 ft	7-#18 Bronze Antenna Wire	C	16W3740				
<u>TOOLS</u>							
1	Drill, hand, 3/8" capacity	C	41D1828				
1	Iron, soldering, electric, light duty	B	41I688				
1	Frame, hacksaw, adjustable	C	41F3390				
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1 set	Drills, twist, carbon-steel, type "K"	B	40D1250				
1	Rule, multiple folding, wood	C	41R2844				
1	Hammer, machinists', 1/2 lb.	C	41H521				
1	File, flat, 6"	C	41F870				
1	Punch, center, 3/8"	C	41T3185				
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, round nose, short, 6"	C	41P1914				
1	Pliers, side cutting, flat nose, 6"	C	41P1974				
1	Pliers, long nose, 6"	C	41P1991				
1	Screwdriver, common, 7" blade	C	41S1101				
1	Screwdriver, common, 8" blade	C	41S1104				
1	Screwdriver, common, 9" blade	C	41S1106				
1	Screwdriver, slim-shank, 6" blade	C	41S1156				

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	300B	III	1 October 1945	1 December 1945

130

INSTALLATION  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
SUBMARINES

TYPE

SS

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO ROOM</u>				<u>SEARCH AND IFF RADAR</u>		
1	Model TBL Series Transmitting Equipment	B		#1	Model SD Series Small Air Search Radar	B	
1	Model RAK Series Receiving Equipment	B		##1	Model SJ Series Medium Surface Search Radar	B	
1	Model RAL Series Receiving Equipment	B				B	
1	Type 23500 Radiophone Unit	B		1	Model ST Series Periscope Radar	B	
2	Model RBS Series Receiving Equipments	B		1	Model BN Series Interrogator Responder	B	
1	Model TDZ Series Transmitting Equipment	B		2	Model BK Series Transponders	B	
2	Model RDZ Series Receiving Equipments	B		1	Type CAGQ-66-AFU Series Antenna	B	
1	Model LM Series Frequency Meter	B		1	Type CM-23AGK Selector Switch Assembly	B	
1	Model SCR-624 Series Transmitting-Receiving Equipment	B		1	Type CCL - 211014 Motor Generator	B	
2	Type 23146 Key-Control Panel	B					
1	Type 49029 Jackbox	B	16B10050				
3	Type 49063 Jackbox	B	16B10010				
1	Type 49546 Loudspeaker Unit	B					
3	Type 49093 Patchcords	B					
1	Type 51081 Hand Telephone Assembly	B					
1	Type 50210 Amplifier	B					
1	Type 5006 Modulator	B					
	<u>CONNING TOWER</u>						
1	Type 23500 Radiophone Unit	B					
1	Type 49546 Loudspeaker Unit	B					
1	Type 51008 Hand Telephone Assembly	B					
1	Type 51081 Hand Telephone Assembly	B					
1	Type 50210 Amplifier	B					
	<u>ELSEWHERE</u>				<u>SONAR MATERIAL</u>		
1	Model RBO Series Receiving Equipment	B		1	Model WCA Ranging/Listening/Sounding Equipment	B	
1	Model DAS Series Loran Equipment	B		+1	Model WFA Ranging/Listening/Sounding Equipment	B	
4	Type 49620 Series Speaker-Amplifier Units	B		++1	Model WFA-1 Ranging/Listening/Sounding Equipment	B	
1	Model RBH Series Receiving Equipment	B		1	Model NGA Series Sounding Equipment	B	
1	Type 49546 Loudspeaker Unit	B		1	Model JT Series Listening Equipment	B	
1	Type 49029 Jack Box	B		Ø1	Bathy-Thermograph	B	
	<u>ANTENNA SYSTEM</u>				<u>RCM MATERIAL</u>		
1	Type 24035 Antenna Selector Switch	B		1	Model AN/SFR-1 Receiver	B	
3	Type 28006A Receiver Protective Units	B	16P8800	1	Model AN/SFR-2 Receiver	B	
26*	Type 61175A Pedestal Insulators	C	1619832	1	Model AN/SPA-1 Pulse Analyzer	B	
7*	Type 61494 Suspension Insulators	C	1615035	1	Model D/F System	B	
4*	Type 61276A Entrance Insulators	C	16116000				
1	Type 61303 Entrance Insulators	C	1616025				
1	Type 66096 Loop Antenna Assembly	B					
1	Type 66134 Antenna Assembly	B					
Ø1	Type 66053 Whip Antenna	B					
3	Type 49063 Jack Boxes	B					
18	Type 49120 Concentric Jacks	C					
7	Type 49121 Concentric Plugs	C					
	<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>						
1	Model SCR-610 Transmitting-Receiving Equipment	B		1	Model AN/SFR-1 Receiver	B	
				1	Model AN/SFR-2 Receiver	B	
				1	Model AN/SPA-1 Pulse Analyzer	B	
				1	Model D/F System	B	
<b>QUANTITIES MARKED WITH AN ASTERISK (*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES</b>							
<b>SPECIAL EXCEPTIONS AND REMARKS</b>							
ØØ = Install in Radio Room if space permits. † = Model SD Series to be replaced by Model SV Series. †† = Model SJ Series to be replaced by Model SS Series. Ø = Assigned by Commander Service Forces and Type Commanders. + = Subsequent to SS 477 and 435-437 inclusive. ++ = To replace WCA and WDA series subsequent to SS 212. † # = Allowed on SS 212 and Subsequent.							
<b>THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II</b>							
SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER			
1 December 1945	1 August 1945	III	310A	RE IIA 100			

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">TYPE</td> </tr> <tr> <td style="text-align: center; font-size: 2em;">SS</td> </tr> </table>	TYPE	SS	FITTING - OUT <b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b> FOR <b>SUBMARINE</b>
TYPE			
SS			

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (CONT'D)</u>			
1	Model OAO - 2 Echo Box	B		1	Screwdriver, common, 6" blade	C	41S1104
1	Model CPU - 1 Echo Box	B		1	Screwdriver, common, 8" blade	C	41S1106
1	Model OAP Series Frequency Meter	B		1	Screwdriver, slim-shank, 6" blade	C	41S1156
1	Model TS-173/UR Frequency Meter	B		1	Screwdriver, Phillips, 4" blade #2 point	C	
1	Model TS-182/UP Frequency Meter	B		1	Screwdriver, Phillips, 8" blade #4 point	C	
1	Type 60ABM Frequency Meter	B		1	Screwdriver, Phillips, 3" blade #1 point	C	
1	Model OBT Series Oscilloscope	B		1 set	Wrenches, open-end, 22-1/2" double-head, 1/4" to 1"	B	
1	Model TS-331/UR Signal Generator	B		1 set	Wrenches, socket, hollow-shank	B	
1	Model OZ Series Tube Tester	B		1 set	Wrenches, setscrew (Allen #504 or equal)	B	
3	Type OBQ Electronic Voltmeter	B					
2	Model OGR Series Volt-ohm Milliammeter	B					
1	Model OF Series Field Strength meter	B					
1	Model TS-89/AP Voltage Divider	B					
2	Type 10223 Repair Kits	B					
1	Type 60007 C & R Bridge	B					
1	Type 60089 VT Meghommeter	B					
1	Model LP Series Frequency Meter	D					
*1	Model TS-35A/AP Signal Generator	B					
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
6	Type 49016 Head Telephone Assemblies	B	16H3930				
1	Model OAH Code Practice Set	B					
<u>MISCELLANEOUS SPARES</u>							
3	Type 49016 Head Telephone Assemblies	B	16H3930				
4	Type 61494 Suspension Insulators	C	1615035				
1	Type 61303 Entrance Insulator	C	1616025				
1	Type 61276A Entrance Insulator	B	1616000				
10	Type 61175A Pedestal Insulators	C	1619832				
200 Ft	1/4" dia. (6x19) Bronze Wire Rope	C	22R195				
3	Type 49121 Concentric Plugs	C					
2	Type 49120 Concentric Jacks	C					
2	Type 49006B Telephone Plugs	C					
1	Type 66053 Whip Antenna (stowed)	B					
<u>TOOLS</u>							
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Drill, hand 3/8" capacity	C	41D1828				
1 set	Drills, twist, carbon-steel, Type "K"	B	40D1250				
1	File, flat, 6"	C	41F870				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists', 1/2 lb.	C	41H521				
1	Iron, soldering, electric, light duty	B	41I688				
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, round nose, short, 6"	C	41P1914				
1	Pliers, side cutting, flat nose, 6"	C	41P1974				
1	Pliers, long nose, 6"	C	-				
1	Punch, center, 3/8"	C	41T3185				
1	Rule, multiple folding, wood	C	41R2844				
1	Screwdriver, common, 3" blade	C	41S1101				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

\* = For each boat equipped with SS and/or ST.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
*RE IIA 100	310B	III	1 August 1945	1 December 1945



INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**SUBMARINE**

TYPE
<b>SS</b>
<b>63-206</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
	<b>RADIO ROOM</b>				Radar Assignments for specific boats will be made via Bureau correspondence.		
1	Model TDE Series Transmitting Equipment	B					
1	Model RAK Series Receiving Equipment	B					
#1	Model RAL Series Receiving Equipment	B					
1	Model TDZ Series Transmitting Equipment	B					
2	Model RDZ Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
1	Model SCR624 Series Transmitting- Receiving Equipment	B					
1	Model RBH Series Receiving Equipment	B					
1	Type 23005A Key-Control Panel	B					
	<b>ELSEWHERE</b>						
1	Model RBO Series Receiving Equipment	B					
4	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B					
	<b>ANTENNA SYSTEM</b>						
9	Type 61249 Suspension Insulators	C	16I5035				
1	Type 61303 Entrance Insulator	C	16I6025				
4*	Type 61276A Entrance Insulators	B	16I6000				
18*	Type 61175A Pedestal Insulators	C	16I9832				
1	Type 24035 Antenna Selector Switch	B					
					<b>SONAR MATERIAL</b>		
				Ø1	Bathy-Thermograph Sonar Assignments for specific boats will be made via Bureau Correspondence.	B.	
					<b>RCM MATERIAL</b>		
					RCM Assignments for specific boats will be made via Bureau correspondence.		

**QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES**

**SPECIAL EXCEPTIONS AND REMARKS**

Ø = Assigned by Commander Service Forces and Type Commanders.  
 # = One added for SS163-206.

**THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	10 July 1945	III	311A	RE IIA 100

TYPE

SS

63-206

FITTING - OUT

TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR

SUBMARINE

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>				<u>TOOLS (Contd.)</u>			
1	Model OBT Series Oscilloscope	B		1	Screwdriver, common, 3" blade	C	41S1101
1	Model CZ Series Tube Tester	B		1	Screwdriver, common, 6" blade	C	41S1104
3	Type OBQ Electronic Voltmeter	B		1	Screwdriver, common, 8" blade	C	41S1106
2	Model OCR Series Volt-ohm Milliammeter	B		1	Screwdriver, slim-shank, 6" blade	C	41S1156
1	Model TS-89/AP Voltage Divider	B		1	Screwdriver, Phillips, 3" blade #1 point	C	
1	Type 10223 Repair Kits	B		1	Screwdriver, Phillips, 4" blade #2 point	C	
1	Type 60007 C & R Bridge	B		1	Screwdriver, Phillips, 8" blade #4 point	C	
1	Type 60089 VT Megohmmeter	B		1 set	Wrenches, open-end, 22-1/2" double-head 1/4" to 1"	C	41W2100
	Additional Test Equipment assignments for specific boats will be made via Bureau correspondence.			1 set	Wrenches, socket, hollow-shank	C	
				1 set	Wrenches, setscrew (Allen #604 or equal)	B	
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
2	Type 49016 Head Telephone Assemblies	B	16H3930				
1	Model OAH Code Practice Set	B					
<u>MISCELLANEOUS SPARES</u>							
1	Type 49016 Head Telephone Assembly	B	16H3930				
5	Type 61249 Suspension Insulators	C	16I5035				
1	Type 61303 Entrance Insulator	C	16I6025				
6	Type 61175A Pedestal Insulators	C	16I9832				
1	Type 61276A Entrance Insulator	B	16I6000				
200 ft.	1/4" dia. (6x19) Bronze Wire Rope	C					
<u>TOOLS</u>							
6	Blades, hacksaw, type "B", 18 teeth	C	41 B1163				
6	Blades, hacksaw, type "B", 32 Teeth	C	41B1164				
1	Drill, hand, 3/8" capacity	C	41D1828				
1 set	Drills, twist, carbon-steel, type "K"	B	40D1250				
1	File, flat, 6"	C	41F870				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists', 1/2 lb.	C	41H521				
1	Iron, soldering, electric, light	B	41I688				
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, diagonal cutting, 4"	C	41P1740				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, round nose, short, 6"	C	41P1914				
1	Pliers, side cutting, flat nose, 6"	C	41P1974				
1	Pliers, long nose, 6"	C	-				
1	Punch, center, 3/8"	C	41T3185				
1	Rule, multiple folding, wood	C	41R2844				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	311B	III	10 July 1945	1 August 1945

166

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**DISTRICT AUXILIARIES (MISC.)**

TYPE
<b>YAG</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b><u>RADIO ROOM</u></b>							
1	Model TDE Series Transmitting Equipment	B					
1	Model RAC Series Receiving Equipment	B					
1	Model RBL Series Receiving Equipment	B					
1	Model LM Series Frequency Meter	B					
1	Type 26012A Telegraph Key	B	16K1790				
2	Type 49029 Jackboxes	B	16K10050				
<b><u>PILOT HOUSE</u></b>							
1	Type 23381 Remote Control Unit	B					
<b><u>ANTENNA SYSTEM</u></b>							
1	Type 24206 Antenna Switch	B	16S10205				
2	Type 28006A Receiver Protective Units	B	16F8800				
6*	Type 49120 Concentric Jacks	C	16J1200				
2*	Type 49123 Concentric Patchcord Assemblies	B			<b>RADAR MATERIAL</b>		
3*	Type 61481 Suspension Insulators	C	16I12130				
6*	Type 61479 Suspension Insulators	C	16I12105		None		
1*	Type 610190 Entrance Insulators	B	16I5951				
6*	Type 61175A Pedestal Insulators	C	16I9832				
2	Type 63288 Static Leak Resistors (1/2 megohm)	C	16R18225				
6*	Type 61471 Entrance Insulators	B					
					<b>SONAR MATERIAL</b>		
					None		
					<b>RCM MATERIAL</b>		
					None		

**QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES**

**SPECIAL EXCEPTIONS AND REMARKS**

**THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 July 1945	31 July 1944	III	316 <sup>A</sup>	<b>RE IIA 100</b>

TYPE  
**YAG**

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
DISTRICT AUXILIARIES (MISC.)**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>							
1	Model OZ Series Vacuum Tube Analyzer	B					
1	Type 10223 Repair Kit	B					
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
2	Type 49016 Head Telephone Assemblies	B	16H3930				
2	Type 51004C Hand Microphone Assemblies	B	16M2352				
<u>MISCELLANEOUS SPARES</u>							
1	Type 49016 Head Telephone Assembly	B	16H3930				
1	Type 51004C Hand Microphone Assembly	B	16M2352				
2	Type 61481 Suspension Insulators	C	16I12130				
2	Type 61479 Suspension Insulators	C	16I12109				
1	Type 61019C Entrance Insulator	B	16I5951				
2	Type 61175A Pedestal Insulators	C	16I9832				
2	Type 61471 Entrance Insulators	B					
200 Ft.	7-#18 Bronze Antenna Wire	C	16W3740				
<u>TOOLS</u>							
6	Blades, hacksaw, type "B", 18 teeth	C	41B1163				
6	Blades, hacksaw, type "B", 32 teeth	C	41B1164				
1	Drill, hand, 3/8" capacity	C	41D1828				
1 set	Drills, twist, carbon-steel, type "K"	B	40D1250				
1	File, flat, 6"	C	41F870				
1	Frame, hacksaw, adjustable	C	41F3390				
1	Hammer, machinists, 1/2 lb.	C	41H621				
1	Iron, soldering, electric, light duty	B	41I688				
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, diagonal cutting, 4"	C	41P1710				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Pliers, round nose, short, 6"	C	41P1914				
1	Pliers, side cutting, flat nose, 6"	C	41P1974				
1	Pliers, long nose, 6"	C	41P1991				
1	Punch, center, 3/8"	C	41P1185				
1	Rule, multiple folding, wood	C	41R2844				
1	Screwdriver, common, 3" blade	C	41S1101				
1	Screwdriver, common, 6" blade	C	41S1104				
1	Screwdriver, common, 8" blade	C	41S1106				
1	Screwdriver, slim-shank, 6" blade	C	41S1156				
1	Screwdriver, Phillips 3" blade #1 point	C	41S1645-15				
1	Screwdriver, Phillips 4" blade #2 point	C	41S1645-20				
1	Screwdriver, Phillips 5" blade #4 point	C	41S1645-30				
1 set	Wrenches, open-end, 22-1/2" double-head 1/4" to 1"	C	41W2100				
1 set	Wrenches, socket, hollow-shank	C	41W2623-425				
1 set	Wrenches, setscrew (Allen #604 or equal)	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	316B	III	31 July 1944	1 July 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**DEGAUSSING VESSELS**

TYPE  
**YDG**

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO ROOM</u>						
1	Model TCP Series Transmitting-Receiving Equipment	B					
	<u>ANTENNA SYSTEM</u>						
1	Type 24206 Antenna Switch	B	16810205				
3	Type 61481 Suspension Insulators	C	16112130				
2	Type 61175A Pedestal Insulators	C	1619832				
2	Type 61471 Entrance Insulators	B					
	<u>PILOT HOUSE</u>						
1	Model MBF Series Transmitting-Receiving Equipment	B					
	<u>RADAR MATERIAL</u>						
	<u>SEARCH AND IFF RADAR</u>						
	41 Small Surface Search radar	B					
	41 Model BN Series Interrogator Responder	B					
	41 Model BK Series Transponders	B					
	42 Type CTZ 66ACG or CTZ 66AFJ Antennas	B					
	41 Type CCL - 211014 Motor Generator	B					
	44 Type 6v-SBM-15AH Storage Batteries	B				17B9490	
	<u>SONAR MATERIAL</u>						
	None						
	<u>RCM MATERIAL</u>						
	None						

*QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

SPECIAL EXCEPTIONS AND REMARKS

# = Allowed in YDG 8, 9, 10, 11.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 July 1945	31 July 1944	III	331A	RE IIA 100



TYPE

YDG

FITTING - OUT

**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
DEGAUSSING VESSELS**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<u>MISCELLANEOUS SPARES</u>						
2	Type 61451 Suspension Insulators	C	16I12130				
1	Type 61471 Entrance Insulator	B					
1	Type 61175A Pedestal Insulator	C	16I9832				
75 Ft.	7-#18 Bronze Antenna Wire	C	16W3740				
	<u>TOOLS</u>						
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Screwdriver, common, 3" blade	C	41S1101				
1	Screwdriver, common, 8" blade	C	41S1106				
1	Screwdriver, slim-shank, 6" blade	C	41S1156				
	<u>TESTING EQUIPMENT</u>						
1	Model OZ Series Tube Tester	B					
1	Type 10223 Repair Kit	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	331B	III	31 July 1944	1 July 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
 FOR  
 DIVING TENDERS**

TYPE
<b>YDT</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO ROOM</u>						
1	Model TCS Series Transmitting-Receiving Equipment	B					
	<u>ANTENNA SYSTEM</u>						
1*	Type 24206 Antenna Switch	B	16810205				
3*	Type 61481 Suspension Insulators	C	16112130				
4*	Type 61175A Pedestal Insulators	C	1619832				
1*	Type 61471 Entrance Insulators	B					
					RADAR MATERIAL		
					None		
					SONAR MATERIAL		
					None		
					RCM MATERIAL		
					None		

*QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

SPECIAL EXCEPTIONS AND REMARKS

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 July 1945	31 July 1944	III	332A	RE IIA 100

TYPE

YDT

FITTING - OUT

**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
DIVING TENDERS**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	STOCK NUMBER
<u>MISCELLANEOUS MATERIAL AND EQUIPMENT</u>						
1	Type 49016 Head Telephone Assembly	B	16H3930			
1 set	Group "J" TCS Crystals	B				
<u>MISCELLANEOUS SPARES</u>						
1	Type 49016 Head Telephone Assembly	B	16H3930			
2	Type 61481 Suspension Insulators	C	16I12130			
1	Type 61175A Pedestal Insulator	C	16I9832			
1	Type 61471 Entrance Insulator	B				
50 Ft.	7-#18 Bronze Antenna Wire	C	16W3740			
<u>TOOLS</u>						
1	Pliers, combination, slip-joint 6"	C	41P1631			
1	Pliers, diagonal cutting, 6"	C	41P1714			
1	Screwdriver, common, 3" blade	C	41S1101			
1	Screwdriver, common 6" blade	C	41S1106			
1	Screwdriver, slim-shank 6" blade	C	41S1156			
<u>TESTING EQUIPMENT</u>						
1	Type 10223 Repair Kit	B				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	332B	III	31 July 1944	1 July 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**DIVING TENDERS - (TORPEDO RANGE)**

TYPE
YDT

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
1	<u>RADIO ROOM</u> Model MN Series Transmitting-Receiving Equipment	B					
					RADAR MATERIAL		
					None		
					SONAR MATERIAL		
					None		
					RCM MATERIAL		
					None		

*QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

SPECIAL EXCEPTIONS AND REMARKS

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 July 1945	31 July 1944	III	333A	RE IIA 100

TYPE

YDT

FITTING - OUT

**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
DIVING TENDERS - (TORPEDO RANGE)**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<u>TOOLS</u>						
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Screwdriver, common, 3" blade	C	41S1101				
1	Screwdriver, common, 8" blade	C	41S1106				
1	Screwdriver, slim-shank, 6" blade	C	41S1156				
	<u>TESTING EQUIPMENT</u>						
1	Type 10223 Repair Kit	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	333B	III	31 July 1944	1 July 1945



**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**SELF PROPELLED COVERED LIGHTERS AND LIGHTERS CONVERTED TO SPARE PARTS**  
**DISTRIBUTION CENTERS**

<b>TYPE</b>
<b>YF</b>
SELF PRO- PELLED AND SPDC

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO ROOM</u>							
1	Model TCO Series Transmitting-Receiving Equipment	B					
#1	Model TCS Series Transmitting-Receiving Equipment	B					
#1	Model MBF Series Transmitting-Receiving Equipment	B					
<u>ELSEWHERE</u>							
#1	Model RBC Series Receiving Equipment	B			<b>RADAR MATERIAL</b>		
#2	Type 49620 Series Speaker Amplifier Units	B					
#2	Type 21800 Motor Generator	B					
#1	Model 9CR-510 Transmitting-Receiving Equipment	B			None		
<u>ANTENNA SYSTEM</u>							
1	Type 24206 Antenna Switch	B	16S10205				
3*	Type 61481 Suspension Insulators	C	16I12130				
5*	Type 61175A Pedestal Insulators	C	16I9832				
3*	Type 61471 Entrance Insulators	B					
#1	Type 24206 Antenna Switch	B	16S10205				
#3*	Type 61479 Suspension Insulators	C	16I12105				
#1*	Type 66053 Vertical Antenna	B					
#1*	Type 61428 Antenna Supporting Insulator	B	16I5045				
#1	Type 66143 Antenna Assembly	B					
<b>SONAR MATERIAL</b>							
None							
<b>RCM MATERIAL</b>							
None							

*QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

SPECIAL EXCEPTIONS AND REMARKS

# = For Permanent Installation in Vessels assigned in Overseas Service.

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	10 July 1945	III	350A	RE IIA 100

FITTING - OUT

TYPE ALLOWANCE OF ELECTRONIC MATERIAL

FOR

SELF PROPELLED COVERED LIGHTERS AND LIGHTERS CONVERTED TO SPARE PART DISTRIBUTION CETERS.

TYPE
<b>YF</b>
SELF PROPELLED AND SPDC

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<u>TESTING EQUIPMENT</u>						
1	Type 10223 Repair Kit	B					
	<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>						
#2	Type 49016 Head Telephone Assemblies	B	16H3930				
	<u>MISCELLANEOUS SPARES</u>						
2	Type 61481 Suspension Insulators	C	16I12145				
#2	Type 61479 Suspension Insulators	C	16I12105				
1	Type 61471 Entrance Insulators	B					
1	Type 61175A Pedestal Insulators	C	16I9832				
100'	7-#18 Bronze Antenna Wire	C	16W3740				

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

# = For Vessels assigned Overseas Service.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	350B	III	10 July 1945	1 November 1945

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**FLOATING DRYDOCK**

TYPE
YFD

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
1	<u>RADIO ROOM</u> Model TCP Series Transmitting-Receiving Equipment	B					
1	<u>ANTENNA SYSTEM</u> Type 24206 Antenna Switch	B	16810205				
3*	Type 61481 Suspension Insulators	C	16112130				
5*	Type 61175A Pedestal Insulators	C	1619832				
2*	Type 61471 Entrance Insulators	B					
	<b>RADAR MATERIAL</b>				None		
	<b>SONAR MATERIAL</b>				None		
	<b>RCM MATERIAL</b>				None		

*QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

SPECIAL EXCEPTIONS AND REMARKS

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 July 1945	31 July-1944	III	360A	RE IIA 100

TYPE

YFD

FITTING - OUT

**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
FLOATING DRYDOCK**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>MISCELLANEOUS SPARES</u>							
2	Type 61481	Suspension Insulators	C 16I12130				
1	Type 61175A	Pedestal Insulator	C 16I9832				
1	Type 61471	Entrance Insulator	B				
<u>TOOLS</u>							
1	Pliers, combination, slip-joint, 6"		C 41P1631				
1	Pliers, diagonal cutting, 6"		C 41P1714				
1	Screwdriver, common, 3" blade		C 41S1101				
1	Screwdriver, common, 8" blade		C 41S1106				
1	Screwdriver, slim-shank, 6" blade		C 41S1156				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	360B	III	31 July 1944	1 July 1945

**INSTALLATION  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
GARBAGE LIGHTER**

TYPE
YG

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b>RADIO ROOM</b>							
1	Model TCO Series Transmitting-Receiving Equipment	B					
Ø1	Model TCS Series Transmitting-Receiving Equipment	B					
<b>ELSEWHERE</b>							
#1	Model RBO Series receiving Equipment	B					
#2	Type 49620 Series Speaker Amplifier Units	B			None		
#2	Type 21800 Motor Generator	B					
<b>ANTENNA SYSTEM</b>							
1	Type 24206 Antenna Switch	B	16810205				
3*	Type 61481 Suspension Insulators	C	16112130				
5*	Type 61175A Pedestal Insulators	C	1619832				
3*	Type 61471 Entrance Insulators	B					
Ø1	Type 24206 Antenna Switch	B	16810205				
#3*	Type 61479 Suspension Insulators	C	16112105				
Ø1*	Type 66053 Vertical Antenna	B					
Ø1*	Type 61428 Antenna Supporting Insulator	B	1615045				
<b>RADAR MATERIAL</b>							
<b>SONAR MATERIAL</b>							
<b>RCM MATERIAL</b>							

**QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES**

**SPECIAL EXCEPTIONS AND REMARKS**

Ø = For Temporary Installation during Voyage in Vessels assigned Overseas Service.  
# = For Permanent Installation in Vessels assigned in Overseas Service.

**THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 July 1945	1 March 1945	III	365A	RE IIA 100



TYPE

YG

FITTING - OUT

**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
GARBAGE LIGHTER**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<u>TESTING EQUIPMENT</u>						
1	Type 10223 Repair Kit	B					
	<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>						
ø2	Type 49016 Head Telephone Assemblies	B	16H3930				
	<u>MISCELLANEOUS SPARES</u>						
2	Type 61481 Suspension Insulators	C	16I12145				
#2	Type 61479 Suspension Insulators	C	16I12105				
1	Type 61471 Entrance Insulators	B					
1	Type 61175A Pedestal Insulators	C	16I9832				
100*	7-#18 Bronze Antenna Wire	C	16W3740				

*QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

SPECIAL EXCEPTIONS AND REMARKS

ø = For Temporary Use during Voyage in Vessels assigned Overseas Service.  
# = For Vessels assigned Overseas Service.

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	365B	III	1 March 1945	1 July 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**MOTOR MINESWEEPERS**

TYPE
YMS

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b><u>RADIO ROOM</u></b>							
1	Model TCP Series Transmitting-Receiving Equipment	B					
1	Model RBO Series Receiving Equipment	B					
1	Type 21133 Motor-Generator Unit	B					
1	Model SCR-610 Transmitting/Receiving Equipment	B					
<b><u>ELSEWHERE</u></b>							
1	Model MN Series Transmitting-Receiving Equipment	B					
2	Type 49620 Series Speaker-Amplifier Units (Broadcast)	B					
<b><u>ANTENNA SYSTEM</u></b>							
1	Type 24206 Antenna Switch	B	16810205				
3*	Type 61481 Suspension Insulators	C	16I12130				
3*	Type 61479 Suspension Insulators	C	16I12105				
2*	Type 61471 Entrance Insulators	B					
2*	Type 610190 Entrance Insulators	C	16I5951				
5*	Type 61174B Pedestal Insulators	C	16I9829				
3*	Type 61175A Pedestal Insulators	C	16I9832				
<b><u>OPEN BRIDGE</u></b>							
2	Type 49618 Telephone Receptacles	B					
<b><u>PILOT HOUSE</u></b>							
1	Model MBF Series Transmitting-Receiving Equipment	B					
<b><u>RADAR MATERIAL</u></b>							
				1	Small Surface Search Radar	B	
				1	Model BN Series Interrogator Responder	B	
				1	Model BK Series Transponder	B	
				2	Type CTZ-66ACG or CTZ-66AFJ Antennas	B	
				1	Type CGL - 211014 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	17B9490
<b><u>SONAR MATERIAL</u></b>							
				Ø1	Model QBE-3/WEA-2/QCU Ranging Equipment	B	
				1	Model NJ Series Sounding Equipment	B	
				1	Range Recorder		
<b><u>RCM MATERIAL</u></b>							
None							

*QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

**SPECIAL EXCEPTIONS AND REMARKS**

Ø = QCU to replace WEA and WEA-1.

**THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	10 July 1945	III	371A	RE IIA 100

TYPE

YMS

FITTING - OUT

**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
MOTOR MINESWEEPERS**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>							
1	Model QAX Series Sonar Monitor	B					
1	Type 10223 Repair Kits	B					
1	Model OZ Series Tube Tester	B					
1	Model OBL Series Oscilloscope	B					
<u>MISCELLANEOUS SPARES</u>							
2	Type 61481 Suspension Insulators	C	16I12130				
2	Type 61479 Suspension Insulators	C	16I12105				
1	Type 61019C Entrance Insulator	B	16I5951				
1	Type 61174B Pedestal Insulator	C	16I9829				
1	Type 61175A Pedestal Insulator	C	16I9832				
1	Type 61471 Entrance Insulator	B					
150 Ft	7-#18 Bronze Antenna Wire	C	16W3740				
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
1	Type 49016 Head Telephone Assembly	B					
2	Type 51082 Hand Telephone Assemblies	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	371B	III	10 July 1945	1 August 1945

**INSTALLATION  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
MOTOR TUGS**

TYPE
<b>YMT</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<b>RADIO ROOM</b>						
1	Model TCP Series Transmitting-Receiving Equipment	B					
	<b>ANTENNA SYSTEM</b>						
1	Type 24206 Antenna Switch	B	16S10205				
3*	Type 61481 Suspension Insulators	C	16I12130				
5*	Type 61175A Pedestal Insulators	C	16I9832				
2*	Type 61471 Entrance Insulators	B					
	<b>RADAR MATERIAL</b>						
	None						
	<b>SONAR MATERIAL</b>						
	None						
	<b>RCM MATERIAL</b>						
	None						

*QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

SPECIAL EXCEPTIONS AND REMARKS

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	1 May 1945	III	372A	RE IIA 100

TYPE  
**YMT**

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
MOTOR TUGS**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>MISCELLANEOUS SPARES</u>							
2	Type 61461 Suspension Insulators	C	16I12130				
1	Type 61471 Entrance Insulator	B					
1	Type 61175A Pedestal Insulator	C	16I9832				
75 Ft.	#18 Bronze Antenna Wire	C	16W3740				
<u>TOOLS</u>							
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Screwdriver, common, 3" blade	C	41S1101				
1	Screwdriver, common, 8" blade	C	41S1106				
1	Screwdriver, slim-shank, 6" blade	C	41S1156				
<u>TESTING EQUIPMENT</u>							
1	Type 10223 Repair Kit	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	372B	III	1 May 1945	1 November 1945



INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
 FOR  
 GATE VESSELS**

TYPE
YNg

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO ROOM</u>						
1	Model TCP Series Transmitting-Receiving Equipment	B					
	<u>ANTENNA SYSTEM</u>						
1	Type 24206 Antenna Switch	B	16810205				
3*	Type 61481 Suspension Insulators	C	16112130				
2*	Type 61175A Pedestal Insulators	C	1619832				
	Type 61471 Entrance Insulators	B					
	<u>PILOT HOUSE</u>						
1	Model MBF Series Transmitting-Receiving Equipment	B		1	Small Surface Search Radar Model 30-8	B	
				1	Model BN Series Interrogator Responder	B	
				1	Model BK Series Series Transponcor	B	
					<u>RADAR MATERIAL</u>		
					<u>SONAR MATERIAL</u>		
				1	Model QBE-3 Ranging Equipment	B	
				1	Range Recorder	B	
				1	Bathy-Thermograph	B	
					<u>RCM MATERIAL</u>		
					None		

*QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

SPECIAL EXCEPTIONS AND REMARKS

1 = Assigned by Commander Service Forces and Type Commanders.

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 July 1945	31 July 1944	III	381A	RE IIA 100

TYPE

YN<sub>6</sub>

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
 FOR  
 GATE VESSELS**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<u>TESTING EQUIPMENT</u>						
1	Type 10223 Repair Kit	B					
	<u>MISCELLANEOUS SPARES</u>						
2	Type 61481 Suspension Insulators	C	16I12130				
1	Type 61471 Entrance Insulator	B					
1	Type 61175A Pedestal Insulator	C	16I9832				
75 Ft.	7-#18 Bronze Antenna Wire	C	16W3740				

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	381B	III	31 July 1944	1 July 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**NET TENDERS - (TUGS)**

TYPE
<b>YNT</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO ROOM</u>						
1	Model TCP Series Transmitting-Receiving Equipment	B					
	<u>ANTENNA SYSTEM</u>						
1	Type 24206 Antenna Switch	B	16S10205				
1	Type 61461 Suspension Insulators	B	16I12130				
1	Type 61175A Pedestal Insulators	B	16I9832				
1	Type 61471 Entrance Insulators	B					
	<u>RADAR MATERIAL</u>						
1	Small Surface Search Radar	B					
1	Model BN Series Interrogator-Responder	B					
1	Model BK Series Transponder	B					
	<u>SONAR MATERIAL</u>						
1	Model QBE-3 Ranging Equipment	B					
1	Range Recorder	B					
1	Bathy/Thermograph	B					
	<u>RCM MATERIAL</u>						
	None						

**QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES**

SPECIAL EXCEPTIONS AND REMARKS

\* = Assigned by Commanders Service Forces and Type Commanders.

**THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 July 1945	31 July 1944	III	382A	RE IIA 100

TYPE

YNT

FITTING - OUT

**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
NET TENDERS-(TUGS)**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<u>TESTING EQUIPMENT</u>						
1	Model OZ Series Vacuum Tube Analyzer	B					
*1	Type 10223 Repair Kit	B					
	<u>MISCELLANEOUS SPARES</u>						
2	Type 61451 Suspension Insulators	C	16I12130				
1	Type 61471 Entrance Insulator	B					
1	Type 61175A Pedestal Insulator	C	16I9832				
75 Ft.	7-#18 Bronze Antenna Wire	C	16W3740				

*QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

SPECIAL EXCEPTIONS AND REMARKS

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	382 <sup>B</sup>	III	31 July 1944	1 July 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**FUEL OIL BARGES**

TYPE
<b>YO</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADAR MATERIAL	TITLE	STOCK NUMBER
	<b><u>RADIO ROOM</u></b>						
1	Model TCP Series Transmitting-Receiving Equipment	B		1	Model BK Series Transponder Type CTZ-66AGG or CTZ-66AFJ Antenna Type GCL - 211014 Motor Generator Type 6V-SBM-15AH Storage Batteries Above items only in large YO's employed beyond harbor limits.	B	17B9490
Ø1	Model TCS Series Transmitting-Receiving Equipment	B		1			
				1			
				4			
	<b><u>ANTENNA SYSTEM</u></b>						
1	Type 24206 Antenna Switch	B	16810205				
Ø1	Type 24206 Antenna Switch	B	16810205				
3*	Type 61481 Suspension Insulators	C	16112130				
5*	Type 61175A Pedestal Insulators	C	1619832				
3*	Type 61471 Entrance Insulators	B					
#3	Type 61479 Suspension Insulators	B					
Ø1	Type 66053 Vertical Antenna	B					
Ø1	Type 61428 Antenna Supporting Insulator	B					
1	Type 61019C Entrance Insulator	B					
					SONAR MATERIAL		
					None		
	<b><u>ELSEWHERE</u></b>						
#1	Model R80 Series Receiving Equipment	B					
#1	Type 21133 Motor Generator	B					
#2	Type 49620 Series Speaker-Amplifier Units	B					
					RCM MATERIAL		
					None		

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

Ø = For Temporary installation during voyage in vessels assigned overseas service.  
 # = For Permanent installation in vessels assigned overseas service.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	1 May 1946	III	390A	RE IIA 100



<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">TYPE</td> </tr> <tr> <td style="text-align: center; font-size: 24px; font-weight: bold;">YO</td> </tr> </table>	TYPE	YO	FITTING - OUT <b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b> FOR <b>FUEL OIL BARGES</b>
TYPE			
YO			

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<u>TESTING EQUIPMENT</u>						
1	Type 10223 Repair Kit	B					
	<u>MISCELLANEOUS SPARES</u>						
2	Type 61481 Suspension Insulators	C	16112130				
1	Type 61471 Entrance Insulator	B					
1	Type 61175A Pedestal Insulator	C	1619832				
100 Ft	7-#18 Bronze Antenna Wire	C	16W3740				
#2	Type 61479 Suspension Insulators	B					
1	Type 61019C Entrance Insulators	B					
	<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>						
Ø2	Type 49016 Head Telephone Assemblies	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

This allowance applicable to self-propelled vessels only.  
 Ø = For temporary use during voyage in vessels assigned for overseas service.  
 # = For vessels assigned overseas service.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	390B	III	1 May 1945	2 November 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**GASOLINE BARGES**

TYPE
YOG

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO ROOM</u>						
1	Model TCP Series Transmitting-Receiving Equipment	B					
#1	Model TCS Series Transmitting-Receiving Equipment	B					
	<u>ANTENNA SYSTEM</u>						
1	Type 24206 Antenna Switch	B	16S10205				
3*	Type 61481 Suspension Insulators	C	16I12130				
5*	Type 61175 Pedestal Insulators	C	16I9832				
3*	Type 61471 Entrance Insulators	B					
#1	Type 24206 Antenna Switch	B	16I10205				
#3	Type 61479 Suspension Insulators	B					
#1	Type 66053 Vertical Antenna	B					
4	Type 61339 Pedestals Insulators	B					
	<u>ELSEWHERE</u>						
#1	Model RBO Series Receiving Equipment	B					
#1	Type 211133 Motor Generator	B					
#2	Type 496D Speaker Amplifier Units	B					
	<u>RADAR MATERIAL</u>						
	None						
	<u>SONAR MATERIAL</u>						
	None						
	<u>RCM MATERIAL</u>						
	None						

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

This allowance applicable to self-propelled vessels only.  
 # = For temporary installation during voyage in vessels assigned overseas service.  
 \* = For permanent installation in vessels assigned overseas service.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED*	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1944	1 May 1945	III	391A	RE IIA 100

TYPE  
**YOG**

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
FOR  
**GASOLINE BARGES**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>MISCELLANEOUS SPARES</u>							
2	Type 61481 Suspension Insulators	C	16112130				
1	Type 61471 Entrance Insulator	B					
1	Type 61175A Pedestal Insulator	C	1619832				
100 Ft.	7-#16 Bronze Antenna Wire	B					
#2	Type 61479 Suspension Insulators	B					
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
ø2	Type 49016 Head Telephone Assemblies	B					
<u>TESTING EQUIPMENT</u>							
1	Type 10223 Repair Kit	B					

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

This allowance applicable to self-propelled vessels only.  
ø = For temporary use during voyage in vessels assigned overseas service.  
# = For vessels assigned overseas service.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	391B	III	1 May 1945	1 November 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**PATROL VESSELS**

TYPE
Y P

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<b>RADIO ROOM</b>							
1	Model TCP Series Transmitting-Receiving Equipment	B					
#1	Model TCS Series Transmitting-Receiving Equipment	B					
<b>ANTENNA SYSTEM</b>							
1	Type 24206 Antenna Switch	B	16810205				
3*	Type 61481 Suspension Insulators	C	16112130				
5*	Type 61175A Pedestal Insulators	C	1619832				
3*	Type 61471 Entrance Insulators	B					
#1	Type 24206 Antenna Switch	B	16810205				
#3	Type 61479 Suspension Insulators	B					
<b>ELSEWHERE</b>							
#1	Model RBO Series Receiving Equipment	B		+1	Small Air Search Radar	B	
#2	Type 49620 Speaker Amplifier Units	B		1	Small Surface Search Radar	B	
#1	Type 21800 Motor Generator	B		1	Model BN Series Interrogator Responder	B	
				1*	Model BK Series Transponder	B	
				2	Type CTZ-66A00 or CTZ-66AFJ Antennas	B	
				#1	Type GCL - 211014 Motor Generator	B	
				4	Type 6V-SBM-15AH Storage Batteries	B	1789490
<b>RADAR MATERIAL</b>							
<b>SONAR MATERIAL</b>							
				1	Model QBE-3 Ranging Equipment	B	
				1	Range Recorder	B	
<b>RCM MATERIAL</b>							
None							

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

**SPECIAL EXCEPTIONS AND REMARKS**

- ø = For temporary installation during voyage in YP617-646 assigned overseas service.
- # = For permanent installation in YP617-646 if assigned overseas service.
- + = Allowed on all YP Vessels 100' and larger.
- ! = Not allowed on 32V Vessels.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	1 May 1945	III	400A	RE IIA 100

TYPE
YP

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**PATROL VESSELS**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>TESTING EQUIPMENT</u>							
1	Type 10223 Repair Kit	B					
1	Model OZ Series Tube Tester	B					
<u>MISCELLANEOUS SPARES</u>							
2	Type 61481 Suspension Insulators	C	16I12130				
1	Type 61471 Entrance Insulator	B					
1	Type 61175A Pedestal Insulator	C	16I9832				
100 ft.	7-#18 Bronze Antenna Wire	C	16W3740				
#2	Type 61479 Suspension Insulators	B					
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
ø2	Type 49016 Head Telephone Assemblies	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

ø = For temporary use during voyage in YP617-646 assigned overseas service.  
 # = For XP617-646 assigned overseas service.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	400B	III	1 May 1945	1 August 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**SEAPLANE WRECKING DERRICK**

TYPE
<b>YSD</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO ROOM</u>						
1	Model TCS Series Transmitting-Receiving Equipment	B					
	<u>ANTENNA SYSTEM</u>						
1	Type 24206 Antenna Switch	B	16S10205				
2*	Type 61481 Suspension Insulators	C	16I12130				
5*	Type 61175A Pedestal Insulators	C	16I9832				
2*	Type 61471 Entrance Insulators	B					
					RADAR MATERIAL		
					None		
					SONAR MATERIAL		
					None		
					RCM MATERIAL		
					None		

**QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES**

SPECIAL EXCEPTIONS AND REMARKS

**THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
I July 1945	31 July 1944	III	416A	RE IIA 100



TYPE  
YSD

FITTING - OUT

TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
SEAPLANE WRECKING DERRICK

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
1	Type 49016 Head Telephone Assembly	B	16H3930				
1 set	Group "C" TCS Crystals	B					
<u>MISCELLANEOUS SPARES</u>							
1	Type 49016 Head Telephone Assembly	B	16H3930				
1	Type 61481 Suspension Insulator	C	16I12130				
1	Type 61175A Pedestal Insulator	C	16I9832				
1	Type 61471 Entrance Insulator	B					
50 Ft.	7-#18 Bronze Antenna Wire	C	16W3740				
<u>TOOLS</u>							
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Screwdriver, common, 3" blade	C	41S1101				
1	Screwdriver, common, 8" blade	C	41S1106				
1	Screwdriver, slim-shank, 6" blade	C	41S1156				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	416B	III	31 July 1944	1 July 1945

## INSTALLATION TYPE ALLOWANCE OF ELECTRONIC MATERIAL FOR HARBOR TUGS

TYPE	
YTB	
YTM	
YTL	

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
<u>RADIO ROOM</u>							
1	Model TCO Series Transmitting-Receiving Equipment	B					
#1	Model TCS Series Transmitting-Receiving Equipment	B					
<u>ANTENNA SYSTEM</u>							
1	Type 24206 Antenna Switch	B	16S10205				
3*	Type 61481 Suspension Insulators	C	16I12130				
5*	Type 61175A Pedestal Insulators	C	16I9832				
3*	Type 61471 Entrance Insulators	B					
#1	Type 24206 Antenna Switch	B					
#4	Type 61479 Entrance Insulators	B					
#2	Type 66053 Vertical Antenna	B					
#2	Type 61428 Antenna Supporting Insulator	B					
#1	Type 49123 Concentric Patchcord Assembly	B					
#1	Type 49120 Concentric Jack	C					
<u>ELSEWHERE</u>							
#1	Model RBO Series Receiving Equipment	B					
#2	Type 49620 Speaker Amplifier Units	B					
#1	Type 21800 Motor Generator Transfer Panel	B					
					<b>RADAR MATERIAL</b>		
					None		
					<b>SONAR MATERIAL</b>		
					None		
					<b>RCM MATERIAL</b>		
					None		

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

- # = For temporary installation during voyage in vessels assigned overseas service.
- \* = For permanent installation in vessels assigned overseas service.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	1 May 1945	III	425A	RE IIA 100

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;">TYPE</td></tr> <tr><td style="text-align: center;">YTB</td></tr> <tr><td style="text-align: center;">YTM</td></tr> <tr><td style="text-align: center;">YTL</td></tr> </table>	TYPE	YTB	YTM	YTL	FITTING - OUT <b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b> FOR <b>HARBOR TUGS</b>
TYPE					
YTB					
YTM					
YTL					

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>MISCELLANEOUS SPARES</u>							
#4	Type 61481 Suspension Insulators	C	16I12130				
#1	Type 61471 Entrance Insulator	C					
1	Type 61175A Pedestal Insulator	C	16I9532				
100Ft.	7-#18 Bronze Antenna Wire	C	16W3740				
#2	Type 61479 Suspension Insulators	B					
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
#2	Type 49016 Head Telephone Assemblies	B					
<u>TESTING EQUIPMENT</u>							
1	Type 10223 Repair Kit	B					

*QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

SPECIAL EXCEPTIONS AND REMARKS

# = For temporary use during voyage in vessels assigned overseas service.  
 \* = For vessels assigned overseas service.

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	425B	III	1 May 1945	1 November 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**TORPEDO TESTING BOATS**

TYPE
Y.T.T

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO ROOM</u>						
1	Model MN Series Transmitting-Receiving Equipment	B					
*1	Model TCS Series Transmitting-Receiving Equipment	B					
	<u>ANTENNA SYSTEM</u>						
+1	Type 24206 Antenna Switch	B	16S10205				
+2	Type 61481 Suspension Insulators	C	16112130				
+10	Type 61175A Pedestal Insulators	C	1619832				
+2	Type 61471 Entrance Insulators	B					
	<b>RADAR MATERIAL</b>						
	None						
	<b>SONAR MATERIAL</b>						
	None						
	<b>RCM MATERIAL</b>						
	None						

*QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

**SPECIAL EXCEPTIONS AND REMARKS**

\* = Not required when landline telephone communication is provided.

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 July 1945	31 July 1944	III	426A	RE IIA 100

TYPE  
YTT

FITTING - OUT  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
TORPEDO TESTING BOATS

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
1	Type 49016 Head Telephone Assembly	B	16H3930				
+1 set	Group #J TCS Crystals	B					
<u>MISCELLANEOUS SPARES</u>							
+1	Type 61017A Suspension Insulators	C	16I12130				
+2	Type 61175A Pedestal Insulators	C	16I9720				
+1	Type 61471 Entrance Insulator	B					
1	Type 49016 Head Telephone Assembly	B	16H3930				
+50 ft.	#18 Bronze Antenna Wire	C	16W3720				
<u>TOOLS</u>							
1	Iron, soldering, electric, light duty	B	4I1688				
1	Pliers, combination, slip-joint, 6"	C	4P1631				
1	Pliers, diagonal cutting, 6"	C	4P1714				
1	Pliers, long nose, 6"	C	4P1991				
1	Screwdriver, common, 3" blade	C	4S1101				
1	Screwdriver, common, 8" blade	C	4S1106				
1	Screwdriver, slim-shank, 6" blade	C	4S1156				
1	Screwdriver, Phillips 4" blade #2 point	C	4S1645-20				
1	Screwdriver, Phillips 3" blade #1 point	C	4S1645-15				

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

\* = Not required when landline telephone communication is provided.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	426B	III	31 July 1944	1 July 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**WATER BARGE**

TYPE
<b>YW</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO ROOM</u>						
1	Model TCP Series Transmitting-Receiving Equipment	B					
Ø1	Model TCS Series Transmitting-Receiving Equipment	B					
	<u>ELSEWHERE</u>						
#1	Model RBO Series Receiving Equipment	B					
#2	Type 49620 Series Speaker Amplifier Units	B					
#2	Type 21800 Motor Generator	B					
	<u>ANTENNA SYSTEM</u>						
1	Type 24206 Antenna Switch	B	16810205				
3*	Type 61481 Suspension Insulators	C	16112130				
5*	Type 61175A Pedestal Insulators	C	1619832				
3*	Type 61471 Entrance Insulators	B					
Ø1	Type 24206 Antenna Switch	B	16810205				
#3*	Type 61479 Suspension Insulators	C	16112105				
Ø1*	Type 66053 Vertical Antenna	B					
Ø1*	Type 61428 Antenna Supporting Insulator	B	1615045				
	<u>RADAR MATERIAL</u>						
				#1	Small Surface Search Radar		B
				#1	Model BK Series Transponders		B
	<u>SONAR MATERIAL</u>						
					None		
	<u>RCM MATERIAL</u>						
					None		

**QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES**

SPECIAL EXCEPTIONS AND REMARKS

Ø = For Temporary Installation during Voyage in Vessels assigned Overseas Service.  
 # = For Permanent Installation in Vessels assigned in Overseas Service.  
 I = For YW 120 Only.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 July 1945	1 March 1945	III	440A	RE IIA 100



TYPE
YW

FITTING - OUT  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**WATER BARGE**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<u>TESTING EQUIPMENT</u>						
1	Type 10223 Repair Kit	B					
	<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>						
ø2	Type 49016 Head Telephone Assemblies	B	16H3930				
	<u>MISCELLANEOUS SPARES</u>						
2	Type 61481 Suspension Insulators	C	16I12145				
#2	Type 61479 Suspension Insulators	C	16I12105				
1	Type 61471 Entrance Insulators	B					
1	Type 61175A Pedestal Insulators	C	16I9832				
100*	7-#18 Bronze Antenna Wire	C	16W3740				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

ø = For Temporary Use during Voyage in Vessels assigned Overseas Service.  
 # = For Vessels assigned Overseas Service.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	440B	III	1 March 1945	1 July 1945

**INSTALLATION**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**AIRCRAFT RESCUE BOATS**

<b>TYPE</b>
AIRCRAFT
RESCUE
BOATS

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>RADIO ROOM</u>						
1	Model TCS Series Transmitting- Receiving Equipment	B					
*Ø1	Model R-24/ARC-5 Receiving Equipment						
*Ø1	Model R-27/ARC-5 Receiving Equipment						
*Ø1	Model R-28/ARC-5 Receiving Equipment						
*Ø1	Model T-20/ARC-5 Transmitting Equipment						
*Ø1	Model T-21/ARC-5 Transmitting Equipment						
*Ø1	Model T-23/ARC-5 Transmitting Equipment						
1	Model R-24/ARC-5 Receiving Equipment						
1	Model R-25/ARC-5 Receiving Equipment						
1	Model T-15/ARC-5 Transmitting Equipment						
1	Model T-16/ARC-5 Transmitting Equipment						
1	Model T-17/ARC-5 Transmitting Equipment						
1	Model T-18/ARC-5 Transmitting Equipment						
1	Model T-19/ARC-5 Transmitting Equipment						
1	Model T-22/ARC-5 Transmitting Equipment						
*Ø1	Model DBF Radio Direction Finder						
	<b>RADAR MATERIAL</b>						
				#1	Model BK Series Transponder		B
	<u>ANTENNA SYSTEM</u>						
1	Type 24223 Antenna Switch	B	16810210				
4*	Type 61174B Pedestal Insulators	C	1619829				
2*	Type 61175A Pedestal Insulators	C	1619832				
1	Type 61428 Antenna Supporting Insulators	C	1615045				
1*	Type 61471 Entrance Insulator	B					
1	Type 66053 Vertical Antenna	B					
*Ø1	Type 66091 Antenna Assembly	B					
*Ø2	Type 61471 Entrance Insulators						
*Ø5	Type 61479 Suspension Insulators						
*Ø3	Type 61175A Pedestal Insulators						
*Ø5	Type 49195 Coaxial Plugs						
*Ø3	Type 49192 Coaxial Plugs						
	<b>SONAR MATERIAL</b>						
					None		
	<u>OPEN BRIDGE</u>						
*Ø1	Model SCR-269F Direction Finding Equipment						
	<b>RCM MATERIAL</b>						
					None		

**QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES**

**SPECIAL EXCEPTIONS AND REMARKS**

\*Ø1 = Additional equipments and material for 63 foot Boats.

# = Additional Equipment for Boats Operating at Sea in connection with Air/Sea Rescue Operations.

4 = For 63' and 104' Boats only.

**THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II**

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November, 1945	1 October 1945		450A	RE IIA 100

RESTRICTED

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;"><b>TYPE</b></td></tr> <tr><td style="text-align: center;">AIRCRAFT</td></tr> <tr><td style="text-align: center;">RESCUE</td></tr> <tr><td style="text-align: center;">BOATS</td></tr> </table>	<b>TYPE</b>	AIRCRAFT	RESCUE	BOATS	<b>FITTING - OUT</b> <b>TYPE ALLOWANCE OF ELECTRONIC MATERIAL</b> <b>FOR</b> <b>AIRCRAFT RESCUE BOATS</b>
<b>TYPE</b>					
AIRCRAFT					
RESCUE					
BOATS					

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
*6	Type 49016 Hand Telephone Assembly	B	16H3930				
*6	Type 51004C Hand Telephone Assemblies	B					
1 set	Group "C" TCS Crystals	B					
<u>MISCELLANEOUS SPARES</u>							
*1	Type 61175A Pedestal Insulator	B					
1	Type 49016 Hand Telephone Assembly	B	16H3930				
*3	Type 49016 Hand Telephone Assemblies	B	16H3930				
1	Type 61174B Pedestal Insulator	C	1619829				
1	Type 61175A Pedestal Insulator	C	1619832				
1	Type 61428 Antenna Supporting Insulator	C	16I5045				
1	Type 61471 Entrance Insulator	B					
*3	Type 51004C Hand Microphone Assemblies	B					
*1	Type 61471 Entrance Insulator	B					
*3	Type 61479 Suspension Insulators	C	16I12105				
<u>TOOLS</u>							
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Screwdriver, common, 3" blade	C	41S1101				
1	Screwdriver, 8" blade	C	41S1106				
1	Screwdriver, slim-shank, 6" blade	C	41S1156				
<u>TESTING EQUIPMENT</u>							
*1	Type 10223 Repair Kit						

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

\*1 = Additional Equipment and Material for 63 foot boats.

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	450B	III	1 October 1945	1 November 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
 FOR  
 BOMB TARGET BOATS**

<b>TYPE</b>
<b>BOMB TARGET BOATS</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>PILOT HOUSE</u>						
1	Model TCS Series Transmitting-Receiving Equipment	B					
1	Model AN/ARC-1 Transmitting-Receiving Equipment	B					
	<u>ANTENNA SYSTEM</u>						
	Type 24003 Antenna Switch	B	16810210				
	Type 61481 Suspension Insulators	C	16112130				
	Type 61274B Pedestal Insulators	C	1619829				
	Type 61471 Entrance Insulator	B					
					<b>RADAR MATERIAL</b>		
					None		
					<b>SONAR MATERIAL</b>		
					None		
					<b>RCM MATERIAL</b>		
					None		

*QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

SPECIAL EXCEPTIONS AND REMARKS

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 July 1945	31 July 1944	III	451A	RE IIA 100

TYPE

BOMB  
TARGET  
BOATS

FITTING - OUT  
TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
FOR  
BOMB TARGET BOATS

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
1	Type 49016 Head Telephone Assembly	B	16H3930				
1 set	Group "C" TCB Crystals	B					
<u>MISCELLANEOUS SPARES</u>							
1	Type 49016 Head Telephone Assembly	B	16H3930				
2	Type 61481 Suspension Insulators	B	16I12130				
1	Type 61174B Pedestal Insulator	B	16I0829				
1	Type 61871 Entrance Insulator	B					
<u>TOOLS</u>							
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Screwdriver, common, 3" blade	C	41S1101				
1	Screwdriver, common, 8" blade	C	41S1106				
1	Screwdriver, slim-shank, 6" blade	C	41S1156				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	451B	III	31 July 1944	1 July 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**PICKET BOATS**

TYPE
<b>PICKET BOATS</b>

QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
	<u>PILOT HOUSE</u>						
1	Model TCS Series Transmitting-Receiving Equipment	B					
	<u>ANTENNA SYSTEM</u>						
1	Type 24223 Antenna Switch	B	16S10210				
1*	Type 61174B Pedestal Insulators	C	16I9829				
2*	Type 61175A Pedestal Insulators	C	16I9832				
1	Type 61428 Antenna Supporting Insulator	B	16I5045				
1*	Type 61471 Entrance Insulator	B					
1	Type 66053 Vertical Antenna	B					
	<b>RADAR MATERIAL</b>						
	None						
	<b>SONAR MATERIAL</b>						
	Due to the many different types of craft employed as Picket Boats, no specific Sonar allowance is listed herein.						
	<b>RCM MATERIAL</b>						
	None						

*QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

SPECIAL EXCEPTIONS AND REMARKS

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 August 1945	1 July 1945	III	452A	<b>RE IIA 100</b>

1711



**TYPE**  
**PICKET**  
**BOATS**

**FITTING - OUT**  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
**FOR**  
**PICKET BOATS**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
1	Type 49016 Head Telephone Assembly	B	16H3930				
1 set	Group "I" TCS Crystals	B					
<u>MISCELLANEOUS SPARES</u>							
1	Type 49016 Head Telephone Assembly	B	16H3930				
1	Type 61174B Pedestal Insulator	C	16I9829				
1	Type 61175A Pedestal Insulator	C	16I9832				
1	Type 61428 Antenna Supporting Insulator	B	16I5045				
1	Type 61471 Entrance Insulator	B					
<u>TOOLS</u>							
1	Pliers, combination, slip-joint, 6"	C	41P1631				
1	Pliers, diagonal cutting, 6"	C	41P1714				
1	Screwdriver, common, 3" blade	C	41S1101				
1	Screwdriver, common, 6" blade	C	41S1106				
1	Screwdriver, slim-shank, 6" blade	C	41S1156				
<u>TESTING EQUIPMENT</u>							
1	Model OZ Series Vacuum Tube Analyzer	B					
1	Type 10223 Repair Kit	B					

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	452B	III	1 July 1945	1 August 1945

INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**TORPEDO RETRIEVERS**

TYPE
TORPEDO RETRIEVER

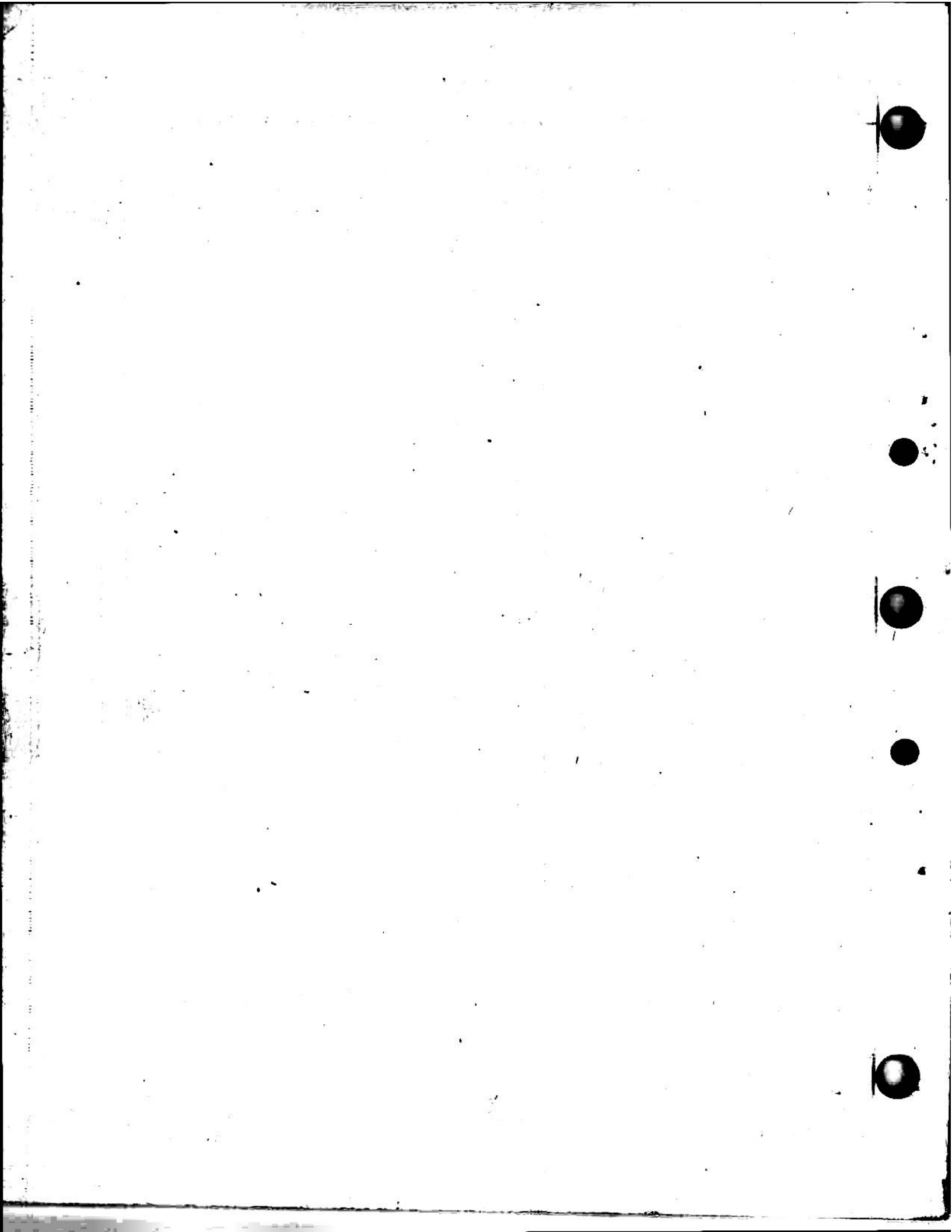
QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER	QUANTITY	RADIO MATERIAL	TITLE	STOCK NUMBER
1	<u>RADIO ROOM</u> Model MN or FCS Series Transmitting/ Receiving Equipment	B					
					RADAR MATERIAL		
					None		
					SONAR MATERIAL		
					None		
					RCM MATERIAL		
					None		

*QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES*

SPECIAL EXCEPTIONS AND REMARKS

*THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II*

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
D July 1945	1 July 1945	III	453A	RE IIA 100



INSTALLATION  
**TYPE ALLOWANCE OF ELECTRONIC MATERIAL**  
 FOR  
**45' SEA DRONE TENDER BOATS**

TYPE
<b>45'</b>
SEA DRONE TENDER BOATS

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
	<u>OPERATING SPACE</u>						
1	Model T-22/ARC-5	Transmitting Equipment	B				
1	Model T-23/ARC-5	Transmitting Equipment	B				
1	Model R-27/ARC-5	Receiving Equipment	B				
1	Model R-28/ARC-5	Receiving Equipment	B				
	<u>ANTENNA SYSTEM</u>						
1	Type 66095	Antenna Assembly	B				
1	Type 66053	Vertical Antenna	B				
1	Type 61428	Antenna Supporting Insulator	B				

QUANTITIES MARKED WITH AN ASTERISK (\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 October 1945		III	454A	RE IIA 100

TYPE  
**45'**  
 SEA DRONE  
 TENDER  
 BOATS

FITTING - OUT  
 TYPE ALLOWANCE OF ELECTRONIC MATERIAL  
 FOR  
**45' SEA DRONE TENDER BOATS**

QUANTITY	MATERIAL	TITLE	STOCK NUMBER	QUANTITY	MATERIAL	TITLE	STOCK NUMBER
<u>MISCELLANEOUS EQUIPMENT AND MATERIAL</u>							
2	Type 49016 Head Telephone Assemblies	B					
2	Type 51004C Hand Microphone Assemblies	B					
<u>MISCELLANEOUS SPARES</u>							
1	Type 49016 Head Telephone Assemblies	B					
1	Type 51004C Hand Microphone Assembly	B					

QUANTITIES MARKED WITH AN ASTERISK(\*) ARE SUBJECT TO SLIGHT VARIATIONS AMONG DIFFERENT VESSELS AND CLASSES

SPECIAL EXCEPTIONS AND REMARKS

THE ISSUANCE OF THE ABOVE MATERIAL SHALL BE IN ACCORDANCE WITH SECTION II

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	454B	III		1 October 1945

# ELECTRONIC MATERIAL TYPE ALLOWANCE BOOKLET

No standard Electronic Equipment Allowance has been established for the vessels below. Assignments, when necessary, will be covered by separate correspondence.

YA  
 YC  
 YCK  
 YCF  
 YCV  
 YD  
 YFD  
 YFT  
 YHB  
 YHT  
 YM  
 YOS  
 IX

YPD  
 YPK  
 YR  
 YRD(H)  
 YRD(M)  
 YS  
 YSP  
 YSR  
 AB  
 ARDC  
 AFD  
 AG (EXCEPT 68-71, 73-78)  
 AVS

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
10 July 1945		III	455A	RE IIA 100





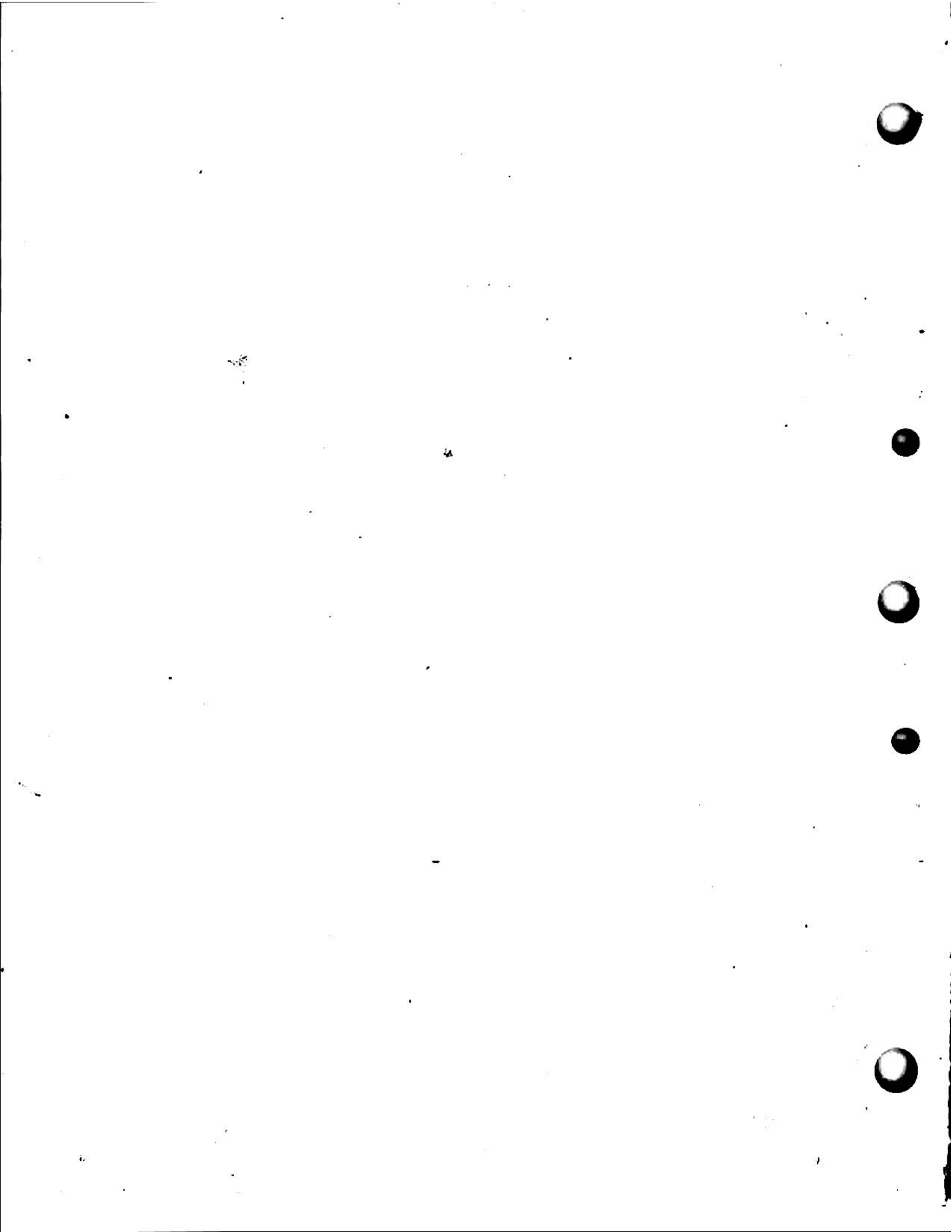
ELECTRONIC EQUIPMENT TYPE ALLOWANCE BOOKLET

SECTION FOUR

INSTRUCTIONS  
COVERING THE PREPARATION OF  
SHIP ALLOWANCE LISTS  
GROUP S67

ELECTRONICS DIVISION  
BUREAU OF SHIPS  
NAVY DEPARTMENT  
WASHINGTON, D.C.

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
10 July 1945	31 July 1944	IV	1	RE IIA 100



# ELECTRONIC EQUIPMENT TYPE ALLOWANCE BOOKLET

NAVSHIPS - 981

## SECTION FOUR

### INSTRUCTIONS COVERING THE PREPARATION OF SHIP ALLOWANCE LISTS - GROUP 867

1. The Group 867 sections of all KEY, GROUP and INDIVIDUAL ship allowance lists prepared by design or shipbuilding activities shall be in general accordance with Group L7 of the Master Machinery Allowance Book and the applicable Type Allowance Lists contained in Section III of this booklet.
2. A specimen copy of an INDIVIDUAL ship allowance list is reproduced herein for information and guidance. This specimen list indicates the proper form and arrangement to be used in preparing the radio section of all ship allowance lists.
3. The following specific requirements shall be adhered to when preparing the Group 867 sections of all KEY, GROUP and INDIVIDUAL ship allowance lists:

FORM 487-4 SHIP ALLOWANCE LIST		BOOK FOR U. S. S. SPECIMEN (DD999)		PART. I - Machinery			
GROUP NAME -		ELECTRONICS		PAGE I			
				GROUP No. 867			
(6) LINE No.	(7) TITLE	(8) CLASS OF STOCK No.	(9) NAME AND DESCRIPTION OF ITEM	(10) UNIT OF QUANTITY	(11) ALLOWANCE	(12) SHIP NUMBER	(13) DRAWING OR SPEC. No.
<b>INSTALLATION ALLOWANCE</b>							
<b>RADIO CENTRAL</b>							
8	B 16		*Model RBA Series Receiving Equipment	No.	1	Z	
	B 16		*Model RBB Series Receiving Equipment	No.	1	Z	
	B 16		*Model RBC Series Receiving Equipment	No.	1	Z	
	B 16		*Model RAK Series Receiving Equipment	No.	1	Z	
10	B 16		*Model RAL Series Receiving Equipment	No.	1	Z	
	B 16		*Model RBO Series Receiving Equipment	No.	1	Z	
	B 16		*Model RCK Series Receiving Equipment	No.	1	Z	
	B 16		*Model TBK Series Transmitting Equipment	No.	1	Z	
	B 16		*Model TBL Series Transmitting Equipment	No.	1	Z	
15	B 16		*Model TBS Series Trans.-Rec. Equipment	No.	1	Z	
	B 16		*Model TDQ Series Transmitting Equipment	No.	1	Z	
	B 16		*Model LR Series Frequency Meter	No.	1	Z	
	B 16		Type 23135 Control Unit	No.	1	Z	
	B 16		Type 23146 Key-Control Panels	No.	2	Z	
20	B 16		Type 23187 Receiver Transfer Panel	No.	1	Z	
	B 16		Type 23199 Transmitter Transfer Panel	No.	1	Z	
	B 16		Type 23224 Dual Key-Control Panel	No.	1	Z	
	B 16		Type 28002 Resistor Clips	No.	2	Z	
	B 16		Type 49029 Jackboxes	No.	2	Z	
25	B 16		Type 49063 Jackbox	No.	1	Z	
	B 16		Type 50064 Modulator Equipment	No.	1	Z	
	B 16		Type 51019 Hand Telephone Assembly	No.	1	Z	
	C 16		Type 631023 Resistor, 3150 ohms, Style E	No.	1	Z	
<b>EMERGENCY RADIO STATION</b>							
	B 16		*Model TAJ Series Transmitting Equipment	No.	1	Z	
35	B 16		*Model RAK Series Receiving Equipment	No.	1	Z	
	B 16		*Model RAL Series Receiving Equipment	No.	1	Z	
	B 16		Type 23190 Receiver Transfer Panel	No.	1	Z	
	B 16		Type 23204 Transmitter Transfer Panel	No.	1	Z	
	B 16		Type 23146 Key-Control Panel	No.	1	Z	
40	B 16		Type 49063 Jackbox	No.	1	Z	
<b>COMBAT INFORMATION CENTER</b>							
	B 16		*Model RBA Series Receiving Equipment	No.	1	Z	
	B 16		Type 23135 Control Unit	No.	1	Z	
50	NOTE: * - Refer to the instruction book covering the specific model of equipment installed for a list of component units, spare parts, and complete detailed information.						

X - Contract furnished    Y - Supply office furnished    Z - Bureau furnished    OB - Received with ship    10-17-43    U. S. GOVERNMENT PRINTING OFFICE

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	10 July 1945	IV	2	RE IIA 100

# ELECTRONIC EQUIPMENT TYPE ALLOWANCE BOOKLET

## SECTION FOUR

INSTRUCTIONS COVERING THE PREPARATION OF SHIP ALLOWANCE LISTS - GROUP 867 (Cont'd.)

NAVSHIPS-981

<small>FORM 867-4 ELECTRONIC ALLOWANCE LIST</small>		BOOK FOR U. S. S. <u>SPECIMEN (DD999)</u>	PART I - Machinery
		GROUP NAME <u>ELECTRONICS</u>	PAGE <u>2</u>
		GROUP No. <u>867</u>	

LINE No.	(B) TITLE	(C) CLASS OR STOCK No.	(D) NAME AND DESCRIPTION OF ITEM	(E) UNIT OF QUANTITY	(F) ALLOWANCE	(G) REMARKS	(H) DRAWING OR SPEC. No.
<u>INSTALLATION ALLOWANCE (Cont'd.)</u>							
<u>COMBAT INFORMATION CENTER (Cont'd.)</u>							
8	B 16		Type 23146 Key-Control Panel	No.	1		Z
	B 16		Type 23211 Radiophone Unit	No.	1		Z
	B 16B10050		Type 49029 Jackbox	No.	1		Z
	B 16		Type 49155 Loudspeaker Unit	No.	3		Z
10	B 16T700		Type 51019 Hand Telephone Assembly	No.	3		Z
	B 16		Type 49131 Series Speaker-Amplifier Unit	No.	2		Z
<u>DIRECTION FINDER STATION</u>							
13	B 16		*Model DAK Series Direction Finding Eqpt.	No.	1		Z
	B 16		Type 23146 Key-Control Panel	No.	1		Z
	B 16B10050		Type 49029	No.	1		Z
<u>PILOT HOUSE</u>							
	B 16		Type 23135 Control Unit	No.	1		Z
	B 16		Type 23211 Radiophone Unit	No.	1		Z
25	B 16		Type 23285 Control Unit	No.	1		Z
	B 16		Type 49101 Loudspeaker Unit	No.	1		Z
	B 16		Type 49131 Series Speaker-Amplifier Unit	No.	1		Z
	B 16		Type 49155 Loudspeaker Unit	No.	1		Z
	B 16		Type 49175 Loudspeaker Unit	No.	1		Z
30	B 16T700		Type 51019 Hand Telephone Assembly	No.	1		Z
	B 16		Type 51032 Hand Telephone Unit	No.	1		Z
<u>CHART HOUSE</u>							
35	B 16B10050		Type 49029	No.	1		Z
<u>ANTENNA SYSTEM</u>							
	B 16		Type 28006A Receiver Protective Units	No.	5		Z
40	C 16		Type 49120 Concentric Jacks	No.	28		Z
	B 16		Type 49123 Concentric Patchcord Assemblies	No.	12		Z
	C 16I1245		Type 61012B Suspension Insulators	No.	10		Z
	C 16I12105		Type 61014A Suspension Insulators	No.	10		Z
	B 16I5951		Type 61019B Entrance Insulators	No.	9		Z
45	NOTE: *-Refer to the instruction book covering the specific model of equipment installed for a list of component units, spare parts and complete detailed information.						
50							

X-Contractor furnished    Y-Supply officer furnished    Z-Barman furnished    CR-Recorded with ship    10-17007-6 U. S. GOVERNMENT PRINTING OFFICE

- (a) The arrangement, nomenclature and general content of the Group 867 section of all ship allowance lists shall be in accordance with the applicable TYPE allowance list contained in Section III of this booklet.
- (b) The quantities of all equipments and items, except "variable quantity" items, shall agree with the quantities indicated in the current TYPE allowance.
- (c) The quantities of "variable quantity" items, indicated by an asterick (\*) in the TYPE allowance, shall agree with quantities specified on the approved, applicable detailed installation plans.

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	3	IV	10 July 1945	1 November 1945

# ELECTRONIC EQUIPMENT TYPE ALLOWANCE BOOKLET

## SECTION FOUR

### INSTRUCTIONS COVERING THE PREPARATION OF SHIP ALLOWANCE LISTS - GROUP S67 (Cont'd.)

- (d) All material shall be grouped under the following main headings, as applicable: (a) "INSTALLATION ALLOWANCE", (b) "FITTING-OUT ALLOWANCE", (c) "TENDER ALLOWANCE".
- (e) Main headings "INSTALLATION ALLOWANCE" and "FITTING-OUT ALLOWANCE" are applicable to all types of vessels. In addition, "TENDER ALLOWANCE" is applicable to tenders and repair ships.
- (f) The equipments and items under each main heading shall be grouped under appropriate subheadings as indicated in the TYPE allowance.

<small>FORM 457-A ELECTRONIC ALLOWANCE LIST</small>		BOOK FOR U. S. S. <u>SPECIMEN (DD999)</u>	PART I - Machinery
		GROUP NAME <u>ELECTRONICS</u>	PAGE <u>3</u>
			GROUP No. <u>S67</u>

LINE No.	(B) TITLE	(C) CLASS OR STOCK No.	(D) NAME AND DESCRIPTION OF ITEM	(E) UNIT OF QUANTITY	(F) ALLOWANCE	(G) PERIOD NUMBER	(H) DRAWING OR SPEC. No.
<u>INSTALLATION ALLOWANCE Cont'd</u>							
<u>ANTENNA SYSTEM (Cont'd)</u>							
5	B	1615975	Type 61022C Entrance Insulators	No.	3	Z	
	C	1619829	Type 61174B Pedestal Insulators	No.	23	Z	
	C	1619832	Type 61175A Pedestal Insulators	No.	4	Z	
	C	1619834	Type 61139 Pedestal Insulators	No.	16	Z	
10	B	1624000	Type 61352 Anti-Corona Caps	No.	6	Z	
	C	1619720	Type 61395A Spacer Insulators	No.	90	Z	
	C	1618225	Type 63285 Static-Leak Resistors	No.	6	Z	
<u>ELSEWHERE</u>							
	B		Model DAQ Series Direction-Finding Eqpt.	No.	1	Z	
	B	16	Type 23135 Control Unit	No.	1	Z	
20	B	16	Type 49131 Series Speaker-Amplifier Units	No.	5	Z	
	B	16	Type 49155 Loudspeaker Unit	No.	1	Z	
	B	16T700	Type 51019 Hand Telephone Assembly	No.	1	Z	
<u>RADAR EQUIPMENT</u>							
25	B	16	Model SC or SR (Current Model)	No.	1	Z	
	B	16	Model BK or BM (Current Model)	No.	1	Z	
	B	16	Model BN (Current Model)	No.	1	Z	
	B	16	Model BK (Current Model)	No.	2	Z	
#2	B	16	Model VD Series	No.	2	Z	
#2 30	B	16	Model VF Series	No.	2	Z	
#2	B	1789490	Battery, Emergency Supply for 'BK' Radar, 6V - SRM - 15AH, 4 Tray, 24 Volts				
#3	B	16	Model SG-1	No.	1	Z	
#3	B	16	Model SP	No.	1	Z	
<u>SCHAR EQUIPMENT</u>							
#3	B	16	Model QGA Series Echo Ranging Equipment	No.	1	Z	
#3	B	16	Bathythermograph	No.	1	Z	
#3	B	16	Sound Range Recorder	No.	1	Z	
#3 40	B	16	Model NM Series Echo Sounding Equipment	No.	1	Z	
<u>RCM EQUIPMENT</u>							
	B		Model TDY-1 Transmitter	No.	1	Z	
	B		High Frequency Transmitter	No.	1	Z	
40	B		Model RDO Receiver	No.	1	Z	
	B		Model RDJ Pulse Analyzer	No.	1	Z	
	B		Model RDP Panoramic Adapter	No.	1	Z	
	B		Model AN/SPR-2 Receiver	No.	1	Z	
	B		Model DHM-1 D/F System	No.	1	Z	

X-Contractor furnished    Y-Supply office furnished    Z-Bureau furnished    OB-Received with ship    16-47507-2    U. S. GOVERNMENT PRINTING OFFICE

65

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
1 November 1945	10 July 1945	IV	4	RE IIA 100



# ELECTRONIC EQUIPMENT TYPE ALLOWANCE BOOKLET

## SECTION FOUR

INSTRUCTIONS COVERING THE PREPARATION OF SHIP ALLOWANCE LISTS - GROUP 867 (Cont'd.)

FORM 857- SHIP ALLOWANCE LIST		BOOK FOR U. S. S. SPECIMEN (DD999)			PART I - Machinery	
		GROUP NAME ELECTRONICS			PAGE 4	
					GROUP No. 867	
LINE No.	(S) TITLE	(C) CLASS OR STOCK No.	(D) NAME AND DESCRIPTION OF ITEM	(E) UNIT OF QUANTITY	(F) ALLOWANCE	(G) DRAWING OR SPEC. No.
<b>FITTING-OUT ALLOWANCE</b>						
<b>TESTING EQUIPMENT</b>						
5	B 16		*Model OE Series Receiver Analyzer	No.	1	Z
	B 16		*Model OZ Series Vacuum Tube Analyzer	No.	1	Z
	B 16		Type 22195 Power Level Meter	No.	1	Z
	B 16		Type 22196 Ohmmeter	No.	1	Z
10	B 16		Type 60007 Capacitance & Resistance Bridge	No.	1	Z
13	B 16		*Model OAX Sound Monitor	No.	1	Z
<b>MISCELLANEOUS EQUIPMENT AND MATERIAL</b>						
15	B 16H3930		Type 49016 Head Telephone Assemblies	No.	7	Z
	B 16T700		Type 51019 Chest Microphone Assembly	No.	1	Z
20						
25						
30						
35						
40						
45						
50						
NOTE: *Refer to the instruction book covering the specific model of equipment installed for a list of component units, spare parts and complete detailed information.						
<small>X-Contractor furnished    Y-Supply office furnished    Z-Drawn furnished    OS-Ordered with ship    16-17807-6    U. S. GOVERNMENT PRINTING OFFICE</small>						

- (g) The master copy of all Group 867 sections of ship allowance lists shall be typewritten on form NBS 487-4.
- (h) Column (N) headed "Drawing or Specification No." shall not be filled in for Group 867 sections.
- (i) Equipments and items which are added to the radio installation of a specific vessel or group of vessels by separate correspondence shall be included in the applicable ship allowance lists.

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	5	IV	10 July 1945	1 November 1945

101

# ELECTRONIC EQUIPMENT TYPE ALLOWANCE BOOKLET

## SECTION FOUR

### INSTRUCTIONS COVERING THE PREPARATION OF SHIP ALLOWANCE LISTS - GROUP 867 (Cont'd.)

- (j) The complete Standard Stock Catalog number shall be indicated when available. Otherwise, the class number only shall be shown in column (C).
- (k) All items listed in the Type allowance are obtained through the cognizant Radio Material Officer and, therefore, shall be indicated by the letter "Z" in column (M).

FORM 497-4  
SHIP ALLOWANCE LIST

BOOK FOR U. S. S. SPECIMEN (DD999)

GROUP NAME ELECTRONICS

PART I - Machinery

PAGE 5

GROUP No. 867

LINE No.	(B) TITLE	(C) CLASS OR STOCK No.	(D) NAME AND DESCRIPTION OF ITEM	(E) UNIT OF QUANTITY	(F) ALLOWANCE	(M) FURNISHED NUMBER	(N) DRAWING OR SPEC. No.
<b>FITTING-OUT ALLOWANCE (Cont'd)</b>							
<b>MISCELLANEOUS SPARES</b>							
5	B	16H3930	Type 49016 Head Telephone Assemblies	No.	4	Z	
	C	16D2145	Type 61012B Suspension Insulators	No.	9	Z	
	C	16D2205	Type 61014A Suspension Insulators	No.	5	Z	
	B	16I5951	Type 61019B Entrance Insulator	No.	1	Z	
10	B	16I5975	Type 61022C Entrance Insulator	No.	1	Z	
	C	16I9829	Type 61174B Pedestal Insulators	No.	5	Z	
	C	16I9832	Type 61175A Pedestal Insulator	No.	1	Z	
	C	16I14025	Type 61234B Insulator Bowls	No.	2	Z	
	C	16I9838	Type 61339 Pedestal Insulators	No.	4	Z	
15	C	16I9720	Type 61395A Spacer Insulators	No.	10	Z	
	C	16R8230	Type 631023 Resistor, 3150 ohms, Style E	No.	1	Z	
	C	16W3740	7-#18 Bronze Antenna Wire	Ft.	200	Z	
	C	22R200	5/16" dia. (6x19) Bronze Wire Rope	Ft.	150	Z	
	C	22R210	7/16" dia. (6x19) Bronze Wire Rope	Ft.	150	Z	
20							
25							
30							
35							
40							
45							
50							

X-Contractor furnished    Y-Supply office furnished    Z-Bureau furnished    OB-Received with ship    16-47807-8    U. S. GOVERNMENT PRINTING OFFICE

161

SHEET ISSUED	SUPERSEDES SHEET DATED	SECTION	SHEET NUMBER	REFERENCE NUMBER
10 July 1945	31 July 1945	III	6	RE IIA 100

# ELECTRONIC EQUIPMENT TYPE ALLOWANCE BOOKLET

## SECTION FOUR

INSTRUCTIONS COVERING THE PREPARATION OF SHIP ALLOWANCE LISTS -  
GROUP S67 (CONT'D.)

LINE #	TITLE	CLASS OR STOCK No.	NAME AND DESCRIPTION OF ITEM	UNITS OF QUANTITY	ALLOWANCE	DRAWING OR SPEC. No.
<b>FITTING-OUT ALLOWANCE (Cont'd)</b>						
<b>TOOLS</b>						
5	C	41B1163	Blades, hacksaw, type "B", 18 teeth	No.	6	Z
	C	41B1164	Blades, hacksaw, type "B", 32 teeth	No.	6	Z
	C	41C1052	Chisel, machinists', hand, 1/4"	No.	1	Z
	C	41C1062	Chisel, machinists', hand, 3/8"	No.	1	Z
10	C	41-	Cutter, circle, 1" to 5-1/2", 1/2" round shank, (Pawood #5 or equal)	No.	1	Z
	C	41D1828	Drill, hand, 3/8" capacity	No.	1	Z
	B	41D1663	Drill, breast, 1/2" capacity	No.	1	Z
	B	40D1250	Drills, twist, carbon-steel, type "K"	Set	1	Z
15	C	41F870	File, flat, 6"	No.	1	Z
	C	41F872	File, flat, 8"	No.	1	Z
	C	41F874	File, flat, 10"	No.	1	Z
	C	41F3390	Frame, hacksaw, adjustable	No.	1	Z
	C	41H521	Hammer, machinists', 1/2 lb.	No.	1	Z
20	B	41I688	Iron, soldering, electric, light duty	No.	1	Z
	B	41I691	Iron, soldering, electric, medium duty	No.	1	Z
	C	41P1631	Pliers, combination, slip-joint, 6"	No.	1	Z
	C	41P1633	Pliers, combination, slip-joint, 8"	No.	1	Z
	C	41P1710	Pliers, diagonal cutting, 4"	No.	1	Z
25	C	41P1714	Pliers, diagonal cutting, 6"	No.	1	Z
	C	41P1910	Pliers, round nose, short, 4"	No.	1	Z
	C	41P1914	Pliers, round nose, short, 6"	No.	1	Z
	C	41P1974	Pliers, side cutting, flat nose, 6"	No.	1	Z
	C	41P1977	Pliers, side cutting, flat nose, 8"	No.	1	Z
30	C	41P1991	Pliers, long nose, 6" (Utica #655 or equal)	No.	1	Z
	C	41T3185	Punch, center, 3/8"	No.	1	Z
	C	41S1101	Screwdriver, common, 1" blade	No.	1	Z
	C	41S1102	Screwdriver, common, 4" blade	No.	1	Z
	C	41S1104	Screwdriver, common, 6" blade	No.	1	Z
35	C	41S1106	Screwdriver, common, 8" blade	No.	1	Z
	C	41S1110	Screwdriver, common, 12" blade	No.	1	Z
	C	41S1156	Screwdriver, slim-shank, 6" blade	No.	1	Z
	C	41S1855	Screwdriver, Phillips, 3" blade, #1 point	No.	1	Z
	C	41S18520	Screwdriver, Phillips, 4" blade, #2 point	No.	1	Z
40	C	41S18530	Screwdriver, Phillips, 5" blade, #4 point	No.	1	Z
	B	41T3645	Torch, gasoline, 1 quart	No.	1	Z
	B	41V242	Vise, bench, 3" Jaws, Class A	No.	1	Z
	C	41W1000	Wrench, open-end, 15° head, 7/16" & 1/2"	No.	1	Z
	C	41W1005	Wrench, open-end, 15° head, 9/16" & 5/8"	No.	1	Z
45	C	41W1008	Wrench, open-end, 15° head, 5/8" & 3/4"	No.	1	Z
	C	41W1012	Wrench, open-end, 15° head, 3/4" & 13/16"	No.	1	Z
	C	41W1019	Wrench, open-end, 15° head, 7/8" & 15/16"	No.	1	Z
	C	41W1024	Wrench, open-end, 15° head, 1" & 1-1/8"	No.	1	Z
	C	41W3385	Wrenches, socket, hollow-shank, (Stevens "Spintite" #T-73 or equal)	Set	1	Z
50	B		Wrenches, setscrew (Allen #604 or Equal)	Set	1	Z

(1) Detailed data such as etc., shall not be included. serial numbers, list of components, spare parts,

(2) These lists shall be ALLOWANCE LISTS and not detailed inventories of radio material comprising ship-board installations.

REFERENCE NUMBER	SHEET NUMBER	SECTION	SUPERSEDES SHEET DATED	SHEET ISSUED
RE IIA 100	7	IV	31 July 1944	10 July 1945