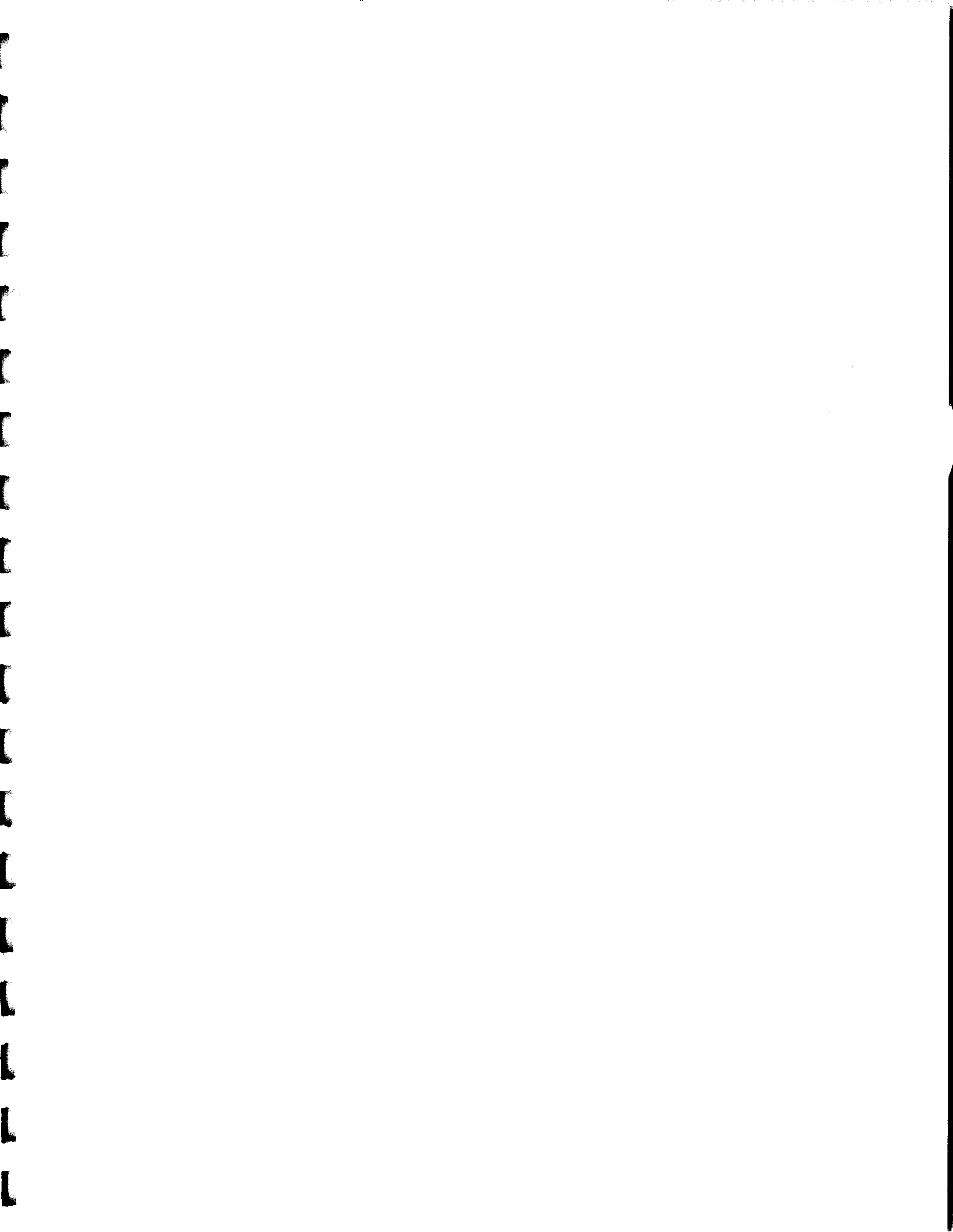


# SPACE AND NAVAL WARFARE SYSTEMS COMMAND



## FLEET SUPPORT MANUAL

MARCH 1990



## FOREWORD

*This manual is designed to provide the user with easy reference and quick response to Fleet problems by detailing information on Fleet support services and technical assistance capabilities available from SPAWAR. The initial points of contact for SPAWAR supported equipment problems on the waterfront and for shipyard related issues are the Fleet Liaison Officers. Points of contact are provided for all areas discussed.*

*The Fleet Liaison Program interface is to provide "on call" support necessary to assist users in meeting their operational requirements.*



D. A. EDWARDS  
Deputy Assistant Commander  
Technical Management

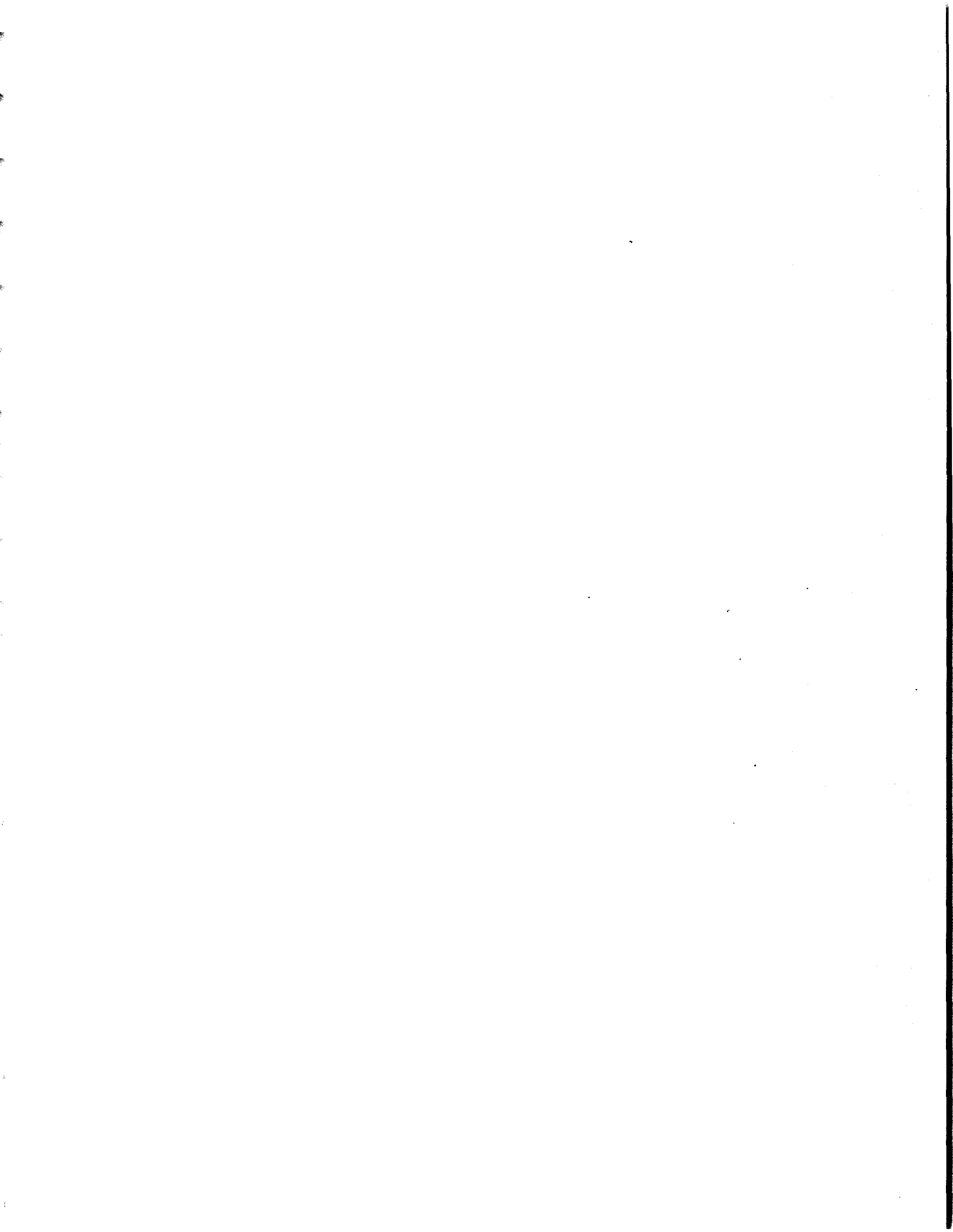


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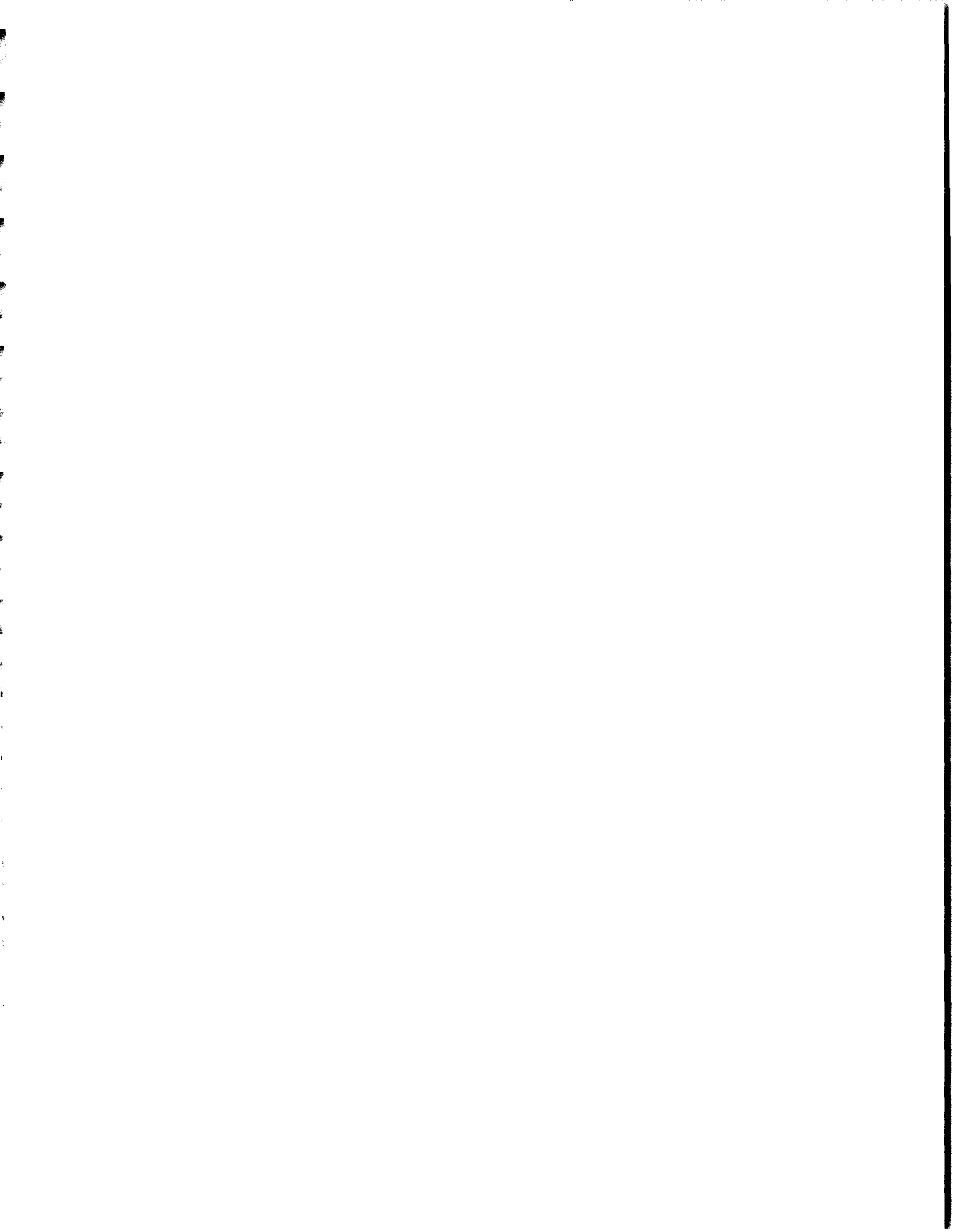
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**DIRECT  
FLEET SUPPORT**





SPACE AND NAVAL WARFARE SYSTEMS COMMAND  
FLEET LIAISON PROGRAM

Forces afloat are the highest priority customers of SPAWAR. SPAWAR and its activities strive to provide the maximum achievable availability of our ships' mission-essential electronic systems to allow realization of Navy operational mission-commitments. An in-house technical logistic support capability will be maintained consistent with workload experience and resources available, to ensure quick response to Fleet requests for assistance beyond the capability of ships force. The implementation of the Fleet Liaison program established direct lines of communications and provided "one-stop shopping" sources for support necessary to meet Fleet operational requirements.

Operational maintenance support and assistance will be supplementary to that normally provided through Type Commanders and Mobile Technical Unit resources. The Fleet Liaison Office will also provide advice and consultation services as requested by operating forces in the subject areas listed below:

- a. Material support information
- b. Administrative procedures
- c. Technical data
- d. Resolution of interface and compatibility problems
- e. Safety problems
- f. Configuration and field change problems
- g. Corrective maintenance
- h. On-the-job and informal training not readily provided for elsewhere

A primary goal of the Fleet Liaison Program is to provide a single point of contact for the Fleet in electronic matters by receiving, investigating, and evaluating problem areas, to include requests for technical assistance. The Fleet Liaison follow-on procedure after investigating a problem area is to recommend, initiate, and coordinate corrective actions.

Technical assistance requests for SPAWAR cognizant equipment should be made in accordance with Fleet instructions, and then directly to the Fleet Liaison Office nearest the requesting activity. The exception to this rule would be for technical assistance for equipments that COMNAVSURFLANT and COMNAVLOGPAC know from previous experience cannot be handled by the nearest Fleet Liaison Office. However, if the requester does not know where available expertise is located, the Fleet Liaison Office nearest the requesting activity should be contacted to provide assistance in locating the required technical services capability.

There are six Naval Electronic Engineering Center Activities having Fleet Liaison Offices: NESSEC Washington, NESEC Charleston, NESEC Portsmouth, NESEC San Diego, NESEC Vallejo, and NESEA St. Inigoes, MD. Additionally, NEEACT PAC Pearl Harbor has a Fleet Liaison Officer assigned. NEEACT PAC also has Fleet Liaison Officers designated at NEEACT Philippines, NEEACT Japan, and NEEACT Guam.

In addition to supporting the Fleet Liaison Program, the Fleet Liaison Office in headquarters is responsible for the management of MOTU/contractor field services. The headquarters office prepares and justifies the budget for fleet

*liaison services, MOTU contract services, and travel and per diem funds for MOTU training on SPAWAR cognizant equipments.*

NAVELEX FLEET LIAISON OFFICERS

<i>NAVELEXSYSENGACT, Code 200A St. Inigoes, MD 20684-0010</i>	<i>Mr. Preston Hopkins (Acting)</i>	<i>Autovon 356-3512 Ext 8002</i>
<i>NAVELEXCEN Charleston, Code OL 4600 Marriott Drive North Charleston, SC 29418</i>	<i>LCDR Stephen E. Martin</i>	<i>AUTOVON 563-2038 Ext 4620</i>
<i>NAVELEXCEN Portsmouth, Code 00L P.O. Box 55 Portsmouth, VA 23705-0055</i>	<i>LT Valerie Hockgraver</i>	<i>Autovon 961-0162/3/4</i>
<i>NAVELEXCEN San Diego, Code OL 4297 Pacific Highway (P.O. Box 80337) San Diego, CA 92138-0337</i>	<i>CDR Dave Farley</i>	<i>Autovon 524-2670/2999</i>
<i>NAVELEXCEN Vallejo, Code 001 Vallejo, CA 94592</i>	<i>LT Jarratt Mowery</i>	<i>Autovon 253-6404</i>
<i>NAVELEXSECCEN Code 02D 3801 Nebraska Avenue Washington, D.C. 20393-5270</i>	<i>LT Doug Miller</i>	<i>Autovon 292-0727</i>
<i>NEEACT PAC, Code 330 P.O. Box 130 Pearl Harbor, HI 96860</i>	<i>Mr. Glenn Yee (Acting)</i>	<i>Commercial (808) 474-6043</i>
<i>NEEACT Philippines Box 91 FPO San Francisco 96651</i>	<i>LCDR James D. Smith II</i>	<i>Autovon 384-6361</i>
<i>NEEACT Japan Box 5 FPO Seattle 98762</i>	<i>LT Don Demuth</i>	<i>Autovon 234-5239</i>
<i>NEEACT GUAM Box 194 FPO San Francisco 96630</i>	<i>LCDR Paul Boboweic</i>	<i>Autovon 333-2962</i>

SPAWAR HEADQUARTERS FLEET LIAISON  
OFFICE ATTN: SPAWAR 003-244B

COMSPAWARSYSCOM  
Washington, D.C. 20363-5100

Sharon M. Smitherman

Autovon  
332-2373  
Commercial  
703-602-2373

---

CSRR  
(Combat Systems Readiness Review)

Combat Systems Readiness Review is a comprehensive testing program developed by Commander, Naval Surface Force, U. S. Atlantic Fleet (COMNAVSURFLANT) to assist ship's force in achieving a high state of combat systems readiness for deployment. SPAWAR personnel are utilized as technical directors, team leaders, and technical representatives during Phase II of the CSRR. The basic criteria used to assess the material condition of the installed hardware is a comprehensive Combat System Demonstration Test Package (test plan) tailored to the specific configuration of the ship. Testing criteria is based on existing PMS and equipment level tests insofar as possible. To fully ascertain system operability, supplementary tests from applicable equipment and systems technical manuals may be used,

POINT OF CONTACT  
at  
NAVELEXSECCEN WASHINGTON

LT Doug Miller

Autovon  
292-0679  
Commercial  
202-282-2483

POINTS OF CONTACT  
at  
NAVELEXCEN PORTSMOUTH

CSRR

LT Valerie Hockgraver

Autovon  
961-0162/3/4  
Commercial  
(804) 396-0162/3/4

Mr. G. Manning

(MOTU TWO OFFICE)  
Autovon  
564-7811  
Commercial  
(804) 444-7811

POINT OF CONTACT  
at  
NAVELEXCEN CHARLESTON

LCDR S. E. Martin

Autovon  
563-2038  
EXT 4620  
Commercial  
803-745-4620  
24 Hour Phone:  
Autovon  
563-2038  
Ext 4620  
Commercial  
803-745-4620

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CSRT

(Combat Systems Readiness Test)

Combat Systems Readiness Test is a Fleet managed readiness evaluation technique under the direction of COMNAVSURFPAC (Commander, Naval Surface Force, U.S. Pacific Fleet). SPAWAR personnel are utilized to assess the material condition (readiness) of all SPAWAR cognizant combat systems on surface ships (excluding aircraft carriers) under COMNAVSURFPAC's control.

POINTS OF CONTACT  
at  
NAVELEXCEN SAN DIEGO

CDR Dave Farley/Mr. J. B. Williams

Autovon  
524-2670/2999

POINTS OF CONTACT  
at  
NAVELEXCEN VALLEJO

LT Jarratt Mowery/ETC Jim Droesch/Jim Kinsey

Autovon  
253-6404/6408  
Commercial  
707-554-5404

POINTS OF CONTACT  
at  
NAVELEXCEN PORTSMOUTH

LT Valerie Hockgraver/Mr. Glenn Manning

Autovon  
961-0162

POINTS OF CONTACT  
at  
NEEACT PAC Pearl Harbor

Mr. Glenn Yee  
471-6043/4070

Autovon

POINT OF CONTACT  
at  
NEEACT GUAM

LCDR P. Boboweic

Autovon  
333-2962

POINT OF CONTACT  
at  
NEEACT PHILIPPINES

LCDR J. Smith

Autovon  
384-6361

POINT OF CONTACT  
at  
NEEACT JAPAN

LCDR D. Demuth

Autovon  
234-5239/7534

---

CSDE  
(Combat Systems Demonstration Evaluation)

CSDE is a comprehensive review/testing program developed by Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT) to improve electronic readiness of Atlantic Fleet aircraft carriers through:

- a. Determining the material condition of selected electronic systems and electronic support systems.
- b. Determining the adequacy of system installation/configuration and of on board test equipment and documentation for support electronic systems.
- c. Determining the adequacy of training and qualification of personnel assigned to the maintenance and repair of electronic systems.
- d. Determining the status and adequacy of logistic support provided for electronic systems.
- e. Providing assistance to ship's force in correcting material problems.
- f. Providing on-the-job training for ship's force personnel.

SPAWAR personnel are utilized as coordinator/team leaders and technical representatives. Testing criteria is based on existing PMS and equipment level tests insofar as possible. To fully ascertain systems operability, special tests such as Standard Measurement Techniques or supplementary tests from applicable equipment and system technical manuals may be used.

POINTS OF CONTACT  
at  
NAVELEXCEN PORTSMOUTH

LT Valerie Hockgraver

Autovon:  
961-0162/3/4  
Commercial:  
804-396-0162/3/4

Mr. Glenn Manning

(MOTU TWO Office)  
Autovon: 564-7811  
Commercial:  
804-444-7811

POINTS OF CONTACT  
at  
NAVELEXCEN CHARLESTON

LCDR Steve Martin

Autovon:  
563-2038 ext 4620  
Commercial  
803-745-4620

FIELD CHANGE PROGRAM

The Field Change Installation Program was established to bring SPAWAR 2Z and 7G cognizant equipment aboard ships up to the latest configuration through the installation of outstanding field changes. NAVELEXCEN San Diego performs overall management of the program and installation of field changes aboard PACFLT ships through the use of Field Change Technical teams. NAVELEXCEN Charleston installs field changes aboard ships in the Atlantic Fleet. Technical documentation is updated to reflect the field change installation. Feedback to STEDMIS and SECAS through the 3M system is accomplished to provide updated configuration records. Ships are entered into the program for installation of field changes through their TYCOM's. A brochure, "NAVELEX Field Change Installation Program," can be requested from the following points of contact.

POINT OF CONTACT  
at  
SPAWAR Headquarters  
Code 003-214A3

Mr. Gary Wollin

Autovon: 332-3560  
Commercial:  
703-602-3560

POINTS OF CONTACT  
at  
NAVELEXCEN CHARLESTON

LCDR S. E. Martin/Mr. F. McMahon

Autovon: 563-2038  
Ext 4620  
Commercial:  
803-745-4620  
24 Hour Number:  
Autovon: 563-2038  
Ext 4620  
Commercial:  
803-745-4622

POINT OF CONTACT  
at  
NAVELEXCEN SAN DIEGO

Mr. Robert Greer

Autovon:  
524-2056/2670  
Commercial:  
619-524-2056/2670

SSEOC PROGRAM  
(SURFACE SHIP ENGINEERED OPERATING CYCLE)

The purpose of the SPAWARSYSCOM Surface Ship Engineered Operating Cycle (SSEOC) Program is to provide support for SPAWAR equipment as required for successful accomplishment of the Navy's objectives to achieve and maintain adequate material readiness of ships through development and implementation of an integrated engineered reliability-based maintenance system strategy. Three maintenance concepts have evolved under SSEOC and predecessor programs. Progressive Overhaul Cycle was developed for the LO-MIX ship classes (FFG-7 and PHM-1), designed for reduced manning and reduced on board maintenance capability. Engineered Operating Cycle (EOC) was designed to extend the nominal period between regular overhauls to 60 months in the CG-16, CG-26, CG-47, DD-963, DDG-37, FF-1052 and LHA-1 ship classes. Phased maintenance, employing principles similar to EOC, has been developed for AE-21, AE-26/32, AFS-1, AO-177, LCC-19, LKA-113, LPH-2, and LST-1179 ship classes. The FF-1052 class ships assigned to the Naval Reserve Force also are included under a Phased Maintenance Program. Additional engineered operating cycles are under development for other ship classes entering the SSEOC Program.

POINT OF CONTACT  
at  
SPAWAR Headquarters  
Code PMW 153-3C

Mr. C. M. Reed

Autovon: 332-3021  
Commercial:  
703-602-3021

POINT OF CONTACT  
at  
SAN DIEGO

Mr. Serafin Cruz

Autovon:  
524-2066/2670  
Commercial:  
619-524-2066

POINTS OF CONTACT  
at  
NAVELEXCEN VALLEJO

LT Jarratt Mowery/Jim Kinsey

Autovon:  
253-6404/6408  
Commercial:  
707-554-5404

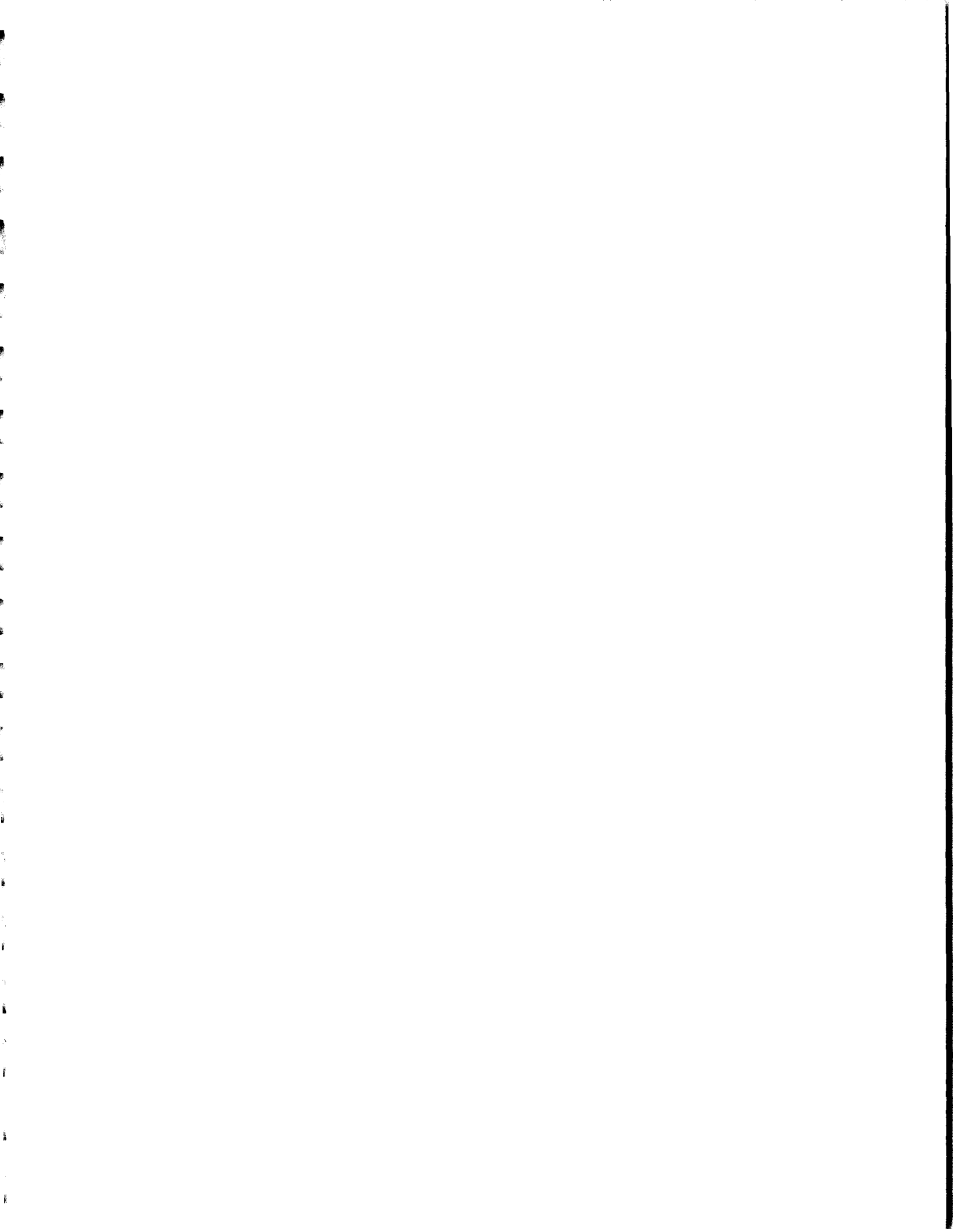
POINTS OF CONTACT  
at  
NAVELEXCEN CHARLESTON

LCDR S. E. Martin/Mr. Randy Knight

Autovon:  
563-2038 EXT 4620  
Commercial:  
803-745-4620



**SPAWAR ACTIVITIES  
AND  
NEEACTS**



SPAWAR FIELD ACTIVITIES

NAVELEXSYSENGACT ST INIGOES

Commanding Officer  
Naval Electronic Systems Engineering Activity  
St. Inigoes, Maryland 20684-0010

CAPT W. E. Belden, Jr., *Commanding Officer*  
Mr. Preston Hopkins, *Fleet Liaison Point of Contact*

Telephone: 301-862-8002 (Fleet Liaison POC)  
Autovon: 356-3512, Ext 8002

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NAVELEXSYSENGACT DET PHILADELPHIA

Director  
Naval Electronic Systems Engineering Activity Detachment  
Philadelphia, Pennsylvania 19112

Mr F. R. Wahler, *Director*  
Mr. D. J. Rozanski, *Fleet Liaison Point of Contact*

Telephone: 215-897-6700  
Autovon: 443-6700

Telephone: 215-897-5882 (Fleet Liaison POC)  
Autovon: 443-5882

---

NAVELEXCEN CHARLESTON

Commanding Officer  
Naval Electronic Systems Engineering Center, Charleston  
4600 Marriott Drive  
North Charleston, South Carolina 29418

CAPT D. C. Steere, *Commanding Officer*  
LCDR S. E. Martin, *Fleet Liaison Officer*

Telephone: 803-745-4900 (*Commanding Officer*)  
Autovon: 563-2038 Ext 4900

Telephone: 803-745-4620  
Autovon: 563-2038 EXT 4620  
(24 Hour Phone) 803-745-4620

---

NAVELEXCEN PORTSMOUTH

*Commanding Officer*  
*Naval Electronic Systems Engineering Center, Portsmouth*  
*P.O. Box 55*  
*Portsmouth, Virginia 23705-0055*

*CAPT C. Ristorcelli, Commanding Officer*  
*LT Valerie Hockgraver, Fleet Liaison Officer*

*Telephone: 804-396-3131*  
*Autovon: 961-3131*

*Telephone: 804-396-0162/3/4 (Fleet Liaison Officer)*  
*Autovon: 961-0162 (24 Hour Telephone)*

---

NAVELEXCEN SAN DIEGO

*Commanding Officer*  
*Naval Electronic Systems Engineering Center, San Diego*  
*4297 Pacific Highway*  
*San Diego, California 92138-0337*

*(Mailing Address)*  
*P.O. Box 80337*  
*San Diego, California 92138-0337*

*CAPT J. Layl, Commanding Officer*  
*CDR Dave Farley, Fleet Liaison Officer*

*Telephone: 619-524-2000*  
*Autovon: 524-2000*

*Telephone: 619-524-2670/2999 (Fleet Liaison Officer)*  
*(24 Hour Phone)*  
*Autovon: 524-2670/2999*

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NAVELEXCEN VALLEJO

*Commanding Officer  
Naval Electronic Systems Engineering Center, Vallejo  
Vallejo, California 94592*

*CAPT P. S. Pierpont, Commanding Officer  
LT Jarratt Mowery, Fleet Liaison Officer*

*Telephone: 707-554-5403  
Autovon: 253-6403*

*Telephone: 707-554-5404 (Fleet Liaison Officer)  
Autovon: 253-6404 (24 Hour Phone)*

---

NAVELEXCEN DET MAYPORT

*Officer in Charge  
Naval Electronic Systems Engineering Center Detachment  
P.O. Box 286, Naval Station  
Mayport, Florida 32228*

*POC: Mr. Harry Beumel*

*Telephone: 904-241-6156  
Autovon: 960-6156*

---

NAVELEXSECEN

*Commanding Officer  
Naval Electronic Systems Security Engineering Center  
Naval Security Station  
3801 Nebraska Avenue  
Washington, D.C. 20393-5270*

*CDR J. H. Hoffman, Commanding Officer  
LT Doug Miller, Fleet Liaison Officer*

*Telephone: 202-282-0609  
Autovon: 292-0609*

*Telephone: 202-282-0727 (Fleet Liaison Officer)  
Autovon: 292-0727*

---

---

NEEACT PAC PEARL HARBOR

*Commanding Officer  
Naval Electronic Engineering Activity, Pacific  
P.O. Box 130  
Pearl Harbor, Hawaii 96860-5170*

*CDR M. Moranville, Commanding Officer  
Mr. Glenn Yee, Fleet Liaison Point of Contact*

*Telephone: 808-474-8237  
Autovon: 315-430-0111 Ask for 474-8237 or 471-3166*

---

NEEACT PHILIPPINES

*Officer in Charge  
Naval Electronics Engineering Activity, Philippines  
P.O. Box 91  
FPO San Francisco 96651-2936*

*LCDR Jim Smith, Officer in Charge/Fleet Liaison Officer*

*Autovon: 384-6361*

---

NEEACT JAPAN

*Officer in Charge  
Naval Electronics Engineering Activity, Japan  
P.O. BOX 5  
FPO Seattle 98762-3000*

*LCDR Don Demuth, Officer in Charge/Fleet Liaison Officer*

*Autovon: 234-5239/7534*

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NEEACT GUAM

Officer in Charge  
Naval Electronics Engineering Activity, Guam  
P.O. Box 194  
FPO San Francisco 96630-2902

LCDR Paul Boboweic, Officer in Charge/Fleet Liaison Officer

Autovon: 333-2962

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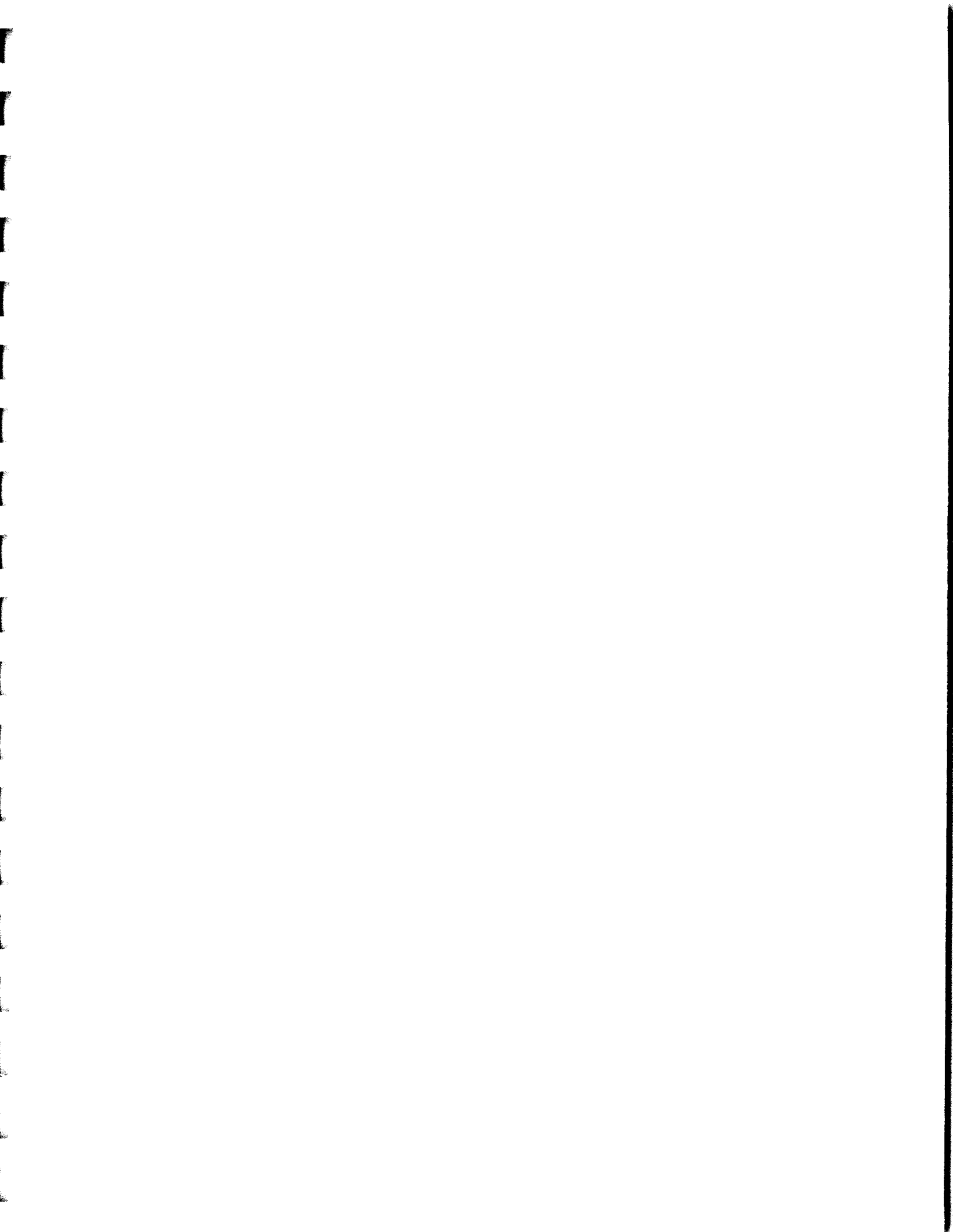
NAVSPASYSACT

Commanding Officer  
Navy Space Systems Activity  
P.O. Box 92960  
Worldway Postal Center  
Los Angeles, California 90009

CAPT Charles P. Downs, Commanding Officer

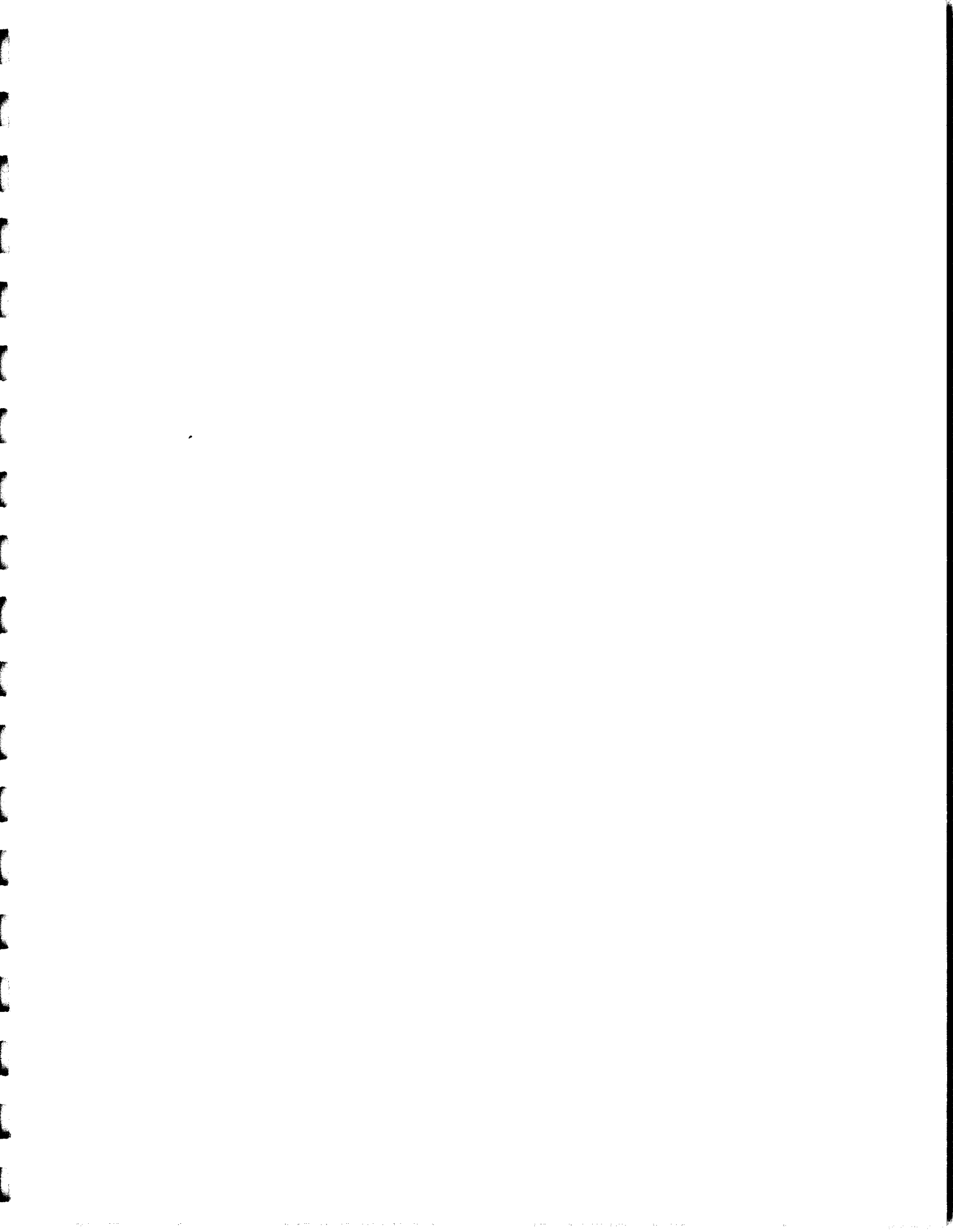
Telephone: 213-643-1824  
Autovon: 833-1824

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**ISEA**



ISEA

An In-Service Engineering Agent (ISEA) is a single activity which has been assigned responsibility for the continuing management of certain maintenance and logistic functions for selected major electronic systems/equipments. ISEA functions include various aspects of:

- a. Maintenance engineering management and analysis
- b. Design defect/problem analysis and field change development
- c. Installation review and validation
- d. Support documentation review and improvement
- e. Review of all factors relating to maintenance and submission of recommendations for improvements to cognizant activities
- f. Technical support to depot level repair facilities
- g. Configuration management
- h. Technical assistance

With respect to item h above, it should be noted that the ISEA's provide a high level of technical expertise for assigned equipment(s). Accordingly, ISEA's will provide field assistance only when "lower echelon" service activities lack the required capabilities. Therefore, organizational requests for assistance may not be made directly to the ISEA, but must continue to be made in accordance with established Fleet and SPAWAR procedures.

Designated ISEA assignments are as follows:

<u>EQUIPMENTS</u>	<u>ISEA</u>
AATC Dair (AN/TPX-42A(V)())	NESEA
AEGIS EXCOMM	NESEA
AIMS/IFF	NESEA
AIMS MK XII	NESEA
ALCEP	Portsmouth
AM-2124A(V)/U	Charleston
AM-6181()/UM	Charleston
AM-6600, 6601/WSC-5(V)	NESEA
AM-6675A/URT	Portsmouth
AM-6694/SR	Portsmouth
AM-7314/URN	San Diego
AM-7317/SSR-1A(V)	Charleston

AN/APX-64 , 72	NESEA
AN/BQH-5 (V)	San Diego
AN/BRD-7	San Diego
AN/BRN-6	San Diego
AN/BRN-7, 7A	Vallejo
AN/BRR-6	NAVSESS, Philadelphia
AN/BRT-6	Charleston
AN/BSC-2	Vallejo
AN/BSQ-3A	San Diego
AN/BST-1	NUWES, Keyport
AN/CPN-4A	Vallejo
AN/FGC-73 replacement	Portsmouth
AN/FGC-178 (V)	Portsmouth
AN/FLQ-5	Charleston
AN/FPN-63	Vallejo
AN/FPQ-20 (FA-8970)	Vallejo
AN/FRN-24, 39, 42	Vallejo
AN/FRT-39, 40	San Diego
AN/FRT-83, 84, 85, 86	San Diego
AN/FRT-93, 94, 96	San Diego
AN/FSA-47, 52, 57, 58	Charleston
AN/FSC-104 (V)1	Charleston
AN/FSQ-98	San Diego
AN/FSQ-131	NESEA
AN/FSQ-138A	Vallejo
AN/FSQ-163, 164	Vallejo

AN/FXQ-5	NESEA
AN/FYQ-87 (V)	Vallejo
AN/FYQ-108	Charleston
AN/FYQ-113	Charleston
AN/FYQ-117	Charleston
AN/GPN-12	Charleston
AN/GPN-27	Vallejo
AN/GRC-171(V)1, (V)2	Charleston
AN/GRC-211	Charleston
AN/GRR-23, 24	Charleston
AN/GRT-21, 22	Charleston
AN/GSC-38(V)2	Portsmouth
AN/GSC-59	NESEA
AN/GSC-60	NESEA
AN/GSH-45	Vallejo
AN/GSH-52	Portsmouth
AN/GYK-3	NAVELEXSECCEN
AN/MPN-23	Vallejo
AN/MRN-15, 18, 18A	Vallejo
AN/PDR-1B, 18(), 27(), 43(), 45(), 54, 56()	Mayport
AN/PDR-60, 63, 65, 66(), 68, 70, 73, 74	Mayport
AN/PSN-16	San Diego
AN/SLA-16	Portsmouth
AN/SLQ-17	Portsmouth
AN/SLQ-20, 20A, 22 series, 26 serles	Portsmouth
AN/SLM-2	Portsmouth

<i>AN/SLQ-32(V), 33, 34()</i>	<i>Portsmouth</i>
<i>AN/SLQ-50</i>	<i>San Diego</i>
<i>AN/SLR-16</i>	<i>San Diego</i>
<i>AN/SLR-22</i>	<i>Portsmouth</i>
<i>AN/SLR-23</i>	<i>San Diego</i>
<i>AN/SMQ-10</i>	<i>NSSA</i>
<i>AN/SPN-6</i>	<i>NESEA</i>
<i>AN/SPN-32 (Loran C)</i>	<i>Vallejo</i>
<i>AN/SPN-35, 35A</i>	<i>NESEA</i>
<i>AN/SPN-38 (Loran C)</i>	<i>Vallejo</i>
<i>AN/SPN-40 (Loran A &amp; C)</i>	<i>Vallejo</i>
<i>AN/SPN-41, 42A, 42T, 43, 43A, 43B, 44, 46(V)</i>	<i>NESEA</i>
<i>AN/SRA-33, 34 series</i>	<i>Portsmouth</i>
<i>AN/SRC-16, 16A</i>	<i>Portsmouth</i>
<i>AN/SRC-20, 20A, 21, 21A</i>	<i>Portsmouth</i>
<i>AN/SRC-23(V), 23A(V)</i>	<i>Portsmouth</i>
<i>AN/SRC-31, 31A, 31B</i>	<i>NESEA</i>
<i>AN/SRC-47</i>	<i>Portsmouth</i>
<i>AN/SRD-19</i>	<i>San Diego</i>
<i>AN/SRN-6A (TACAN)</i>	<i>Vallejo</i>
<i>AN/SRN-9, 9A (SATNAV)</i>	<i>San Diego</i>
<i>AN/SRN-12 (OMEGA)</i>	<i>Vallejo</i>
<i>AN/SRN-15 Series (TACAN)</i>	<i>Vallejo</i>
<i>AN/SRN-17 Series (OMEGA)</i>	<i>Vallejo</i>
<i>AN/SRN-18, 19 (SATNAV)</i>	<i>San Diego</i>
<i>AN/SRQ-4</i>	<i>NESEA</i>

<i>AN/SRS-1 Combat D.F.</i>	<i>San Diego Charleston</i>
<i>AN/SSC-6 (SATCOM)</i>	<i>Vallejo</i>
<i>AN/SSQ-29(U), 29(XN-2)</i>	<i>Portsmouth</i>
<i>AN/SSQ-33, 59(V)</i>	<i>Portsmouth</i>
<i>AN/SSQ-64(V) (NIPS)</i>	<i>NESEA DET Phila</i>
<i>AN/SSQ-72</i>	<i>San Diego</i>
<i>AN/SSQ-74</i>	<i>Portsmouth</i>
<i>AN/SSQ-80</i>	<i>Charleston</i>
<i>AN/SSQ-82 (MUTE)</i>	<i>Portsmouth</i>
<i>AN/SSQ-88</i>	<i>Portsmouth</i>
<i>AN/SSQ-92(V)1, 2, &amp; 3</i>	<i>Portsmouth</i>
<i>AN/SSQ-93</i>	<i>San Diego</i>
<i>AN/SSQ-99</i>	<i>Charleston</i>
<i>AN/SSQ-108</i>	<i>San Diego</i>
<i>AN/SSR-1, 1A</i>	<i>Vallejo</i>
<i>AN/SSR-1A(V) (TRE)</i>	<i>Vallejo Charleston</i>
<i>AN/SSW-1 Series</i>	<i>Portsmouth</i>
<i>AN/SXQ-5 (MPDS)</i>	<i>San Diego</i>
<i>AN/SXQ-8(V)</i>	<i>NESEA</i>
<i>AN/SYQ-5, 6</i>	<i>San Diego</i>
<i>AN/SYQ-7 (NAVMACS V1)</i>	<i>San Diego</i>
<i>AN/SYQ-7 (NAVMACS V2) (V2 MPD)</i>	<i>San Diego</i>
<i>AN/SYQ-7 (NAVMACS V3)</i>	<i>San Diego</i>
<i>AN/SYQ-7 (NAVMACS V5 &amp; V5A)</i>	<i>San Diego</i>
<i>AN/SYQ-8</i>	<i>San Diego</i>

AN/SYQ-9	NESEA
AN/SYQ-9(V)4	NESEA DET Phila
AN/TPN-30 (MRAALS)	Vallejo
AN/TPX-42(V)	NESEA
AN/TRC-186	NESEA
AN/TRN-28	NESEA
AN/TRQ-35	Portsmouth
AN/TSC-126	NESEA
AN/TSQ-108	Vallejo
AN/UCC-1	Portsmouth
AN/UDM-1A, 3, 5, 7(), 8, 10	Charleston
AN/UGC-136AX, 136CX	Charleston
AN/UGC-136BX	Vallejo
AN/UGC-143A(V)	Vallejo Portsmouth
AN/ULQ-6 Series	Portsmouth
AN/ULQ-16	Charleston
AN/UMK-3 Tactical Environment Support System (3) (TESS(3))	Vallejo
AN/UPA-24, 24A, 24B, 38, 39, 50, 57	NESEA
AN/UPA-59, 59A, 59B, 61	NESEA
AN/UPM-70, 71A, 98, 98A, 98B, 98C, 98D, 99	NESEA
AN/UPM-119, 136, 137A, 149, 150	NESEA
AN/UPN-12, 12A, 12B, 12C	Vallejo
AN/UPN-15, 15A, 15B, 15C	Vallejo
AN/UPX-1, 1A, 11, 12, 12A, 12B, 17	NESEA
AN/UPX-23, 24, 25, 26, 27, 28, 29, 30	NESEA



AN/UQQ-2	Vallejo
AN/UQX-5	NESEA
AN/URA-17, 17A-17F, 38, 38A	Portsmouth
AN/URC-9, 9A, 9AY, 9Y	Portsmouth
AN/URC-32, 32A, 32B, 35, 35A, 35B	Portsmouth
AN/URC-80, 81, 82, 83, 94, 109	Portsmouth
AN/URC-85, 93	NESEA
AN//URC-101	Charleston
AN/URC-107(V) 5, 6, 7	Vallejo
AN/URM-212	Vallejo
AN/URN-3	Vallejo
AN/URN-5, 20, 20B, 20C, 20D, 25, 25A	Vallejo
AN/URQ-23, 26	Portsmouth
AN/URQ-29(V) 1, 2, & 3	Portsmouth
AN/URR-52A	Portsmouth
AN/URR-74(V) 1 & 2	Portsmouth
AN/URT-23, 23A, 23B, 23(V), 24, 24A	Portsmouth
AN/URT-30 (VERDIN)	Vallejo
AN/USC-30, 34, 35	Portsmouth
AN/USC-38(XN-1)(V)1, (V)2, (3)	Vallejo
AN/USC-42(V)	Charleston
AN-USH-22(V), 23(V)	Vallejo
AN/USH-26	NESEA
AN/USQ-34(V)	NESEA DET Phila
AN/USQ-36, 59, 59A, 63	Portsmouth
AN/USQ-64(V) 1, 2, 3, 5, 6, 7, 8	Vallejo

<i>AN/USQ-69 (V)</i>	<i>NESEA</i>
<i>AN/USQ-74</i>	<i>Portsmouth</i>
<i>AN/USQ-76 SERIES</i>	<i>Vallejo</i>
<i>AN/USQ-79</i>	<i>Portsmouth</i>
<i>AN/USQ-96 (V)</i>	<i>Vallejo</i>
<i>AN/USQ-101 (TRE)</i>	<i>Charleston</i>
<i>AN/USQ-109</i>	<i>NESEA</i>
<i>AN/UXH-2</i>	<i>Portsmouth</i>
<i>AN/UYA-9</i>	<i>San Diego</i>
<i>AN/UYK-20, 44</i>	<i>NESEA</i>
<i>AN/UYK-48 (APPS)</i>	<i>NESEA DET Phila</i>
<i>AN/UYX-1 (V)</i>	<i>Charleston</i>
<i>AN/VSN-8</i>	<i>San Diego</i>
<i>AN/WLQ-4</i>	<i>San Diego</i>
<i>AN/WLR-1H</i>	<i>Portsmouth</i>
<i>AN/WLR-8</i>	<i>San Diego</i>
<i>AN/WPN-4, 5 (LORAN C)</i>	<i>Vallejo</i>
<i>AN/WRC-1, 1B</i>	<i>Portsmouth</i>
<i>AN/WRN-5, 5A, 6 (V)</i>	<i>San Diego</i>
<i>AN/WRR-7, 7A, 7B (VERDIN)</i>	<i>Vallejo</i>
<i>AN/WRT-2</i>	<i>Portsmouth</i>
<i>AN/WSC-3 SATCOM</i>	<i>Vallejo</i>
<i>AN/WSC-3A SATCOM</i>	<i>Vallejo</i>
<i>AN/WSC-3</i>	<i>Portsmouth</i>
<i>AN/WSC-3 (V)1 SATCOM</i>	<i>Vallejo</i>
<i>AN/WSC-3 (V)2, 3A (V)2 SATCOM</i>	<i>Vallejo</i>

<i>AN/WSC-3(V)3, 3A(V)3 SATCOM</i>	<i>Vallejo</i>
<i>AN/WSC-3(V)9, 12, 13, 15, 17, 19</i>	<i>Vallejo</i>
<i>AN/WSC-5(V)</i>	<i>NESEA</i>
<i>AN/WSC-6(V)1, 2 SHF SATCOM</i>	<i>Vallejo</i>
<i>AN/WSQ-3</i>	<i>Charleston</i>
<i>AN/WXQ-4</i>	<i>NESEA</i>
<i>Antenna Systems</i>	<i>NESEA</i>
<i>OE-82B/WSC-1(V)</i>	
<i>(SA-2000/WSC-1(V))</i>	
<i>(AM-6691/WSC-1(V))</i>	
<i>(AS-3018/WSC-1(V))</i>	
<i>(C-9597/WSC-1(V))</i>	
<i>Antenna Systems</i>	<i>NESEA</i>
<i>OE-82C/WSC-1(V)</i>	
<i>(SA-2000A/WSC-1(V))</i>	
<i>(AM-6691A/WSC-1(V))</i>	
<i>(AS-3018A/WSC-1(V))</i>	
<i>(C-9597/WSC-1(V))</i>	
<i>AS-27A, 27B</i>	<i>NESEA DET Phila</i>
<i>AS-177, 177A, 177B/UPX</i>	<i>NESEA</i>
<i>AR-155A, 155B</i>	<i>NESEA DET Phila</i>
<i>AS-1065/UPX</i>	<i>NESEA</i>
<i>AS-1085/URC</i>	<i>NESEA</i>
<i>AS-2188/U, 2189/U</i>	<i>NESEA</i>
<i>AS-2410/WSC-1(V)</i>	<i>NESEA</i>
<i>AS-2629/BRR</i>	<i>Charleston</i>

<i>AS-2787/UPX</i>	<i>NESEA</i>
<i>AS-3020/SR, AS-3121/SR</i>	<i>Portsmouth</i>
<i>AS-3430/SPX</i>	<i>NESEA</i>
<i>AS-3434(V)/BRC</i>	<i>Charleston</i>
<i>AS-3819/SRN</i>	<i>San Diego</i>
<i>AS-3822/URN</i>	<i>San Diego</i>
<i>AS-3937/P</i>	<i>San Diego</i>
<i>AS-4037/SRC</i>	<i>Portsmouth</i>
<i>AT-352B/UPA-22</i>	<i>NESEA</i>
<i>AUTOVON</i>	<i>Portsmouth</i>
<i>AUTOSEVOCOM</i>	<i>Portsmouth</i>
<i>BZ-216/UD</i>	<i>Charleston</i>
<i>BZ-287</i>	<i>Charleston</i>
<i>BRITE II, IV</i>	<i>Charleston</i>
<i>C-6280, 6280A/APX-72</i>	<i>NESEA</i>
<i>C-7554, C-7594</i>	<i>Portsmouth</i>
<i>C-7880/USC</i>	<i>NESEA</i>
<i>C-8202A/WSC-1(V)</i>	<i>NESEA</i>
<i>C-8221A/WSC-1(V)</i>	<i>NESEA</i>
<i>C-8430/UPX</i>	<i>NESEA</i>
<i>C-8585</i>	<i>San Diego</i>
<i>C-9184/WSC-1A(V)</i>	<i>NESEA</i>
<i>C-9219A/USC</i>	<i>NESEA</i>
<i>C-9354, 9355/WSC-5(V)</i>	<i>NESEA</i>
<i>C-10077/SRC</i>	<i>Portsmouth</i>
<i>C-10276</i>	<i>Portsmouth</i>

<i>C-10315/U, 10316/F</i>	<i>Portsmouth</i>
<i>C-11147/FRT</i>	<i>San Diego</i>
<i>C-11441, 11491(XG-1)/U</i>	<i>Portsmouth</i>
<i>C-11702/UR</i>	<i>San Diego</i>
<i>C-11828/U</i>	<i>NAVELEXSECCEN</i>
<i>C-11989/URN</i>	<i>San Diego</i>
<i>CATCC/DAIR (AN/TPX-42A(V)8)</i>	<i>NESEA</i>
<i>CDPS (LHA)</i>	<i>Portsmouth</i>
<i>CDV-700, 715</i>	<i>Charleston</i>
<i>CI-3 (WALBURN)</i>	<i>NAVELEXSECCEN</i>
<i>CL-1</i>	<i>Charleston</i>
<i>Command Control Processor (C<sup>2</sup>P)</i>	<i>Vallejo</i>
<i>Comm Antenna Systems (Surface Ships)</i>	<i>Portsmouth</i>
<i>CP-95()PD</i>	<i>Charleston</i>
<i>CP-792()UD</i>	<i>Charleston</i>
<i>CP-1071/WRR (VERDIN Processor)</i>	<i>Vallejo</i>
<i>CP-1112/PD</i>	<i>Charleston</i>
<i>CR-054-900-500S</i>	<i>Charleston</i>
<i>CRM-592/GP-595</i>	<i>Charleston</i>
<i>CU-937/UR</i>	<i>Portsmouth</i>
<i>CU-938/URA-38</i>	<i>Portsmouth</i>
<i>CU-2165 &amp; CU-2165A/SRC</i>	<i>Portsmouth</i>
<i>CU-2364/BRR</i>	<i>Charleston</i>
<i>CUDIXS (Shore)</i>	<i>Vallejo</i>
<i>CV-1066</i>	<i>Portsmouth</i>
<i>CV-1396/BRR-16</i>	<i>Charleston</i>

CV-1441A, 2364/BRR	Charleston
CV-2771, 2772	San Diego
CV-3034	Portsmouth
CV-3067, 3068, 7337/WSC-5(V)	NESEA
CV-3333	Vallejo
CV-3673/FPS	Charleston
CV-3682/UPX RBD	NESEA
CV-3833, 3832(XN-2)/U	Portsmouth
CV-3941/FSC	Charleston
CV-3971/S	NESSEC
CV-4000/S	Portsmouth
CV-6816	Portsmouth
CY-597A/G	Charleston
CY-6816	NESEA
CY-7970, 7971/WSC	Charleston
CY-8298/FSC	Charleston
CY-8408, 8409/FSC	Charleston
Dair (AN/TPX-42A(V)5)	NESEA
DAMA	Charleston
DD963 Comm	Portsmouth
DRAMA (Digital Radio & Multiplexer Acquisition)	NESEA
DT-60 (/)/PD, 302/PDR-56, 304, 518/PD, 526/PD, 583/PD	Charleston
E-130(), 140N, 510N, 530N	Charleston
EVS AN/WRR-7B	Vallejo
FA-8970/SG-1104 Video Mapper	Vallejo

FA-9334	Charleston
FA-10035 Digital Altimeter Setting Indicator	Charleston
CSFAC	NESEA
FACTS	NESEA
FACX-PTC1	NESEA
FDED	Charleston
FDEP	Charleston
FDIO	Charleston
FIST (Fleet Imagery Support Terminal)	NESEA
FLTSATCOM/AUTOSEVOCOM Interface	Portsmouth
FSM (FLTSATCOM Spectrum Monitor)	NESEA
FULCRUM Workstation (NIPS)	NESEA DET Phila
GA-2A,2TO	Charleston
HD-251()/UD	Charleston
HD-732()/UD	Charleston
HD-848()/UD	Charleston
HD-1150/UD	Charleston
HD-1151/UD	Charleston
High Speed Fleet Broadcast	Portsmouth
HNF-1, 2, 2A, 3-1, 3-2, 3-3, 66, 81/TSEC	NAVELEXSECCEN
HNR-9/TSEC	NAVELEXSECCEN
HNT-9/TSEC	NAVELEXSECCEN
HP-260	Charleston
HP-8580B	NESEA
HYL-3/TSEC	NAVELEXSECCEN
HYP-21, 57, 67/TSEC	NAVELEXSECCEN

<i>HYX-58, 60, 65, 71, 71A, 88/TSEC</i>	<i>NAVELEXSECCEN</i>
<i>IC/T2-FD()4</i>	<i>Charleston</i>
<i>IC/T2-PAB</i>	<i>Charleston</i>
<i>ID-1649()UM</i>	<i>Charleston</i>
<i>ID-2083(V)/UG</i>	<i>Portsmouth</i>
<i>ID-2423/F Digital Altimeter Setting Indicator</i>	<i>Charleston</i>
<i>ID-2446/U, 2447/U Windspeed &amp; Direction Sensor</i>	<i>Charleston</i>
<i>ID-2384/G Digital Clock</i>	<i>Charleston</i>
<i>IFF/AIMS</i>	<i>NESEA</i>
<i>IM-9()PDIM-107/PDIM-135()PD</i>	<i>Charleston</i>
<i>IM-143()PD</i>	<i>Charleston</i>
<i>IM-151()WDQ</i>	<i>Charleston</i>
<i>IM-179()PD</i>	<i>Charleston</i>
<i>IM-181()PD</i>	<i>Charleston</i>
<i>IM-192/WDQ</i>	<i>Charleston</i>
<i>IM-231/PD</i>	<i>Charleston</i>
<i>IM-235()</i>	<i>Charleston</i>
<i>IM-247()PD</i>	<i>Charleston</i>
<i>IM-249</i>	<i>Charleston</i>
<i>IM-252/UD</i>	<i>Charleston</i>
<i>IM-253()PD/DT640/PD</i>	<i>Charleston</i>
<i>IM-255()PD</i>	<i>Charleston</i>
<i>IM-260/PD</i>	<i>Charleston</i>
<i>IM-261/UD/DT-652/UD</i>	<i>Charleston</i>
<i>INBSV</i>	<i>Portsmouth</i>
<i>IP-1038</i>	<i>San Diego</i>



IP-1187, 1187A/USQ-64	Vallejo
ISABPS	Vallejo
ITT-5001	San Diego
JOTS (Joint Operational Tactical System)	Portsmouth
JTIDS	Vallejo
J-3385/SRC	Portsmouth
J-3562/CVR	Portsmouth
J-3584/U	Portsmouth
J-3780/UYK	Vallejo
J-4212, 4222(XN-1)	Portsmouth
J-4669, 4691/S	NAVELEXSECCEN
J-4704(V)1/S, (V)2/S, (V)3/S	San Diego
KG-84	NAVELEXSECCEN
KGR-28, 66, 96/TSEC	NAVELEXSECCEN
KGV-6, 8, 9, 10, 11, 66/TSEC	NAVELEXSECCEN
KGX-40, 93/TSEC	NAVELEXSECCEN
KIR-1A, 1B, 1C/TSEC	NAVELEXSECCEN
KIT-1A/TSEC	NAVELEXSECCEN
KOI-18/TSEC	NAVELEXSECCEN
KWR-37, 46/TSEC	NAVELEXSECCEN
KWT-37/46/TSEC	NAVELEXSECCEN
KY-57, 58	NAVELEXSECCEN
KYB-6/TSEC	NAVELEXSECCEN
KYK-13/TSEC	NAVELEXSECCEN
KYV-2, 2A, 5/TSEC	NAVELEXSECCEN
KYX-15/TSEC	NAVELEXSECCEN

<i>LINK 11</i>	<i>Portsmouth</i>
<i>LHA COMM</i>	<i>Portsmouth</i>
<i>LHD COMM</i>	<i>Portsmouth</i>
<i>LMS-11</i>	<i>San Diego</i>
<i>LTN-211 SERIES</i>	<i>Vallejo</i>
<i>MATCS (Marine Air Traffic Control Squadron) Equipments</i>	<i>NESEA (Software Support Activity) Vallejo</i>
<i>MD-168/UX</i>	<i>Portsmouth</i>
<i>MD-900A/SSR-1</i>	<i>Charleston</i>
<i>MD-900A/SSR-1A(V)1</i>	<i>Charleston</i>
<i>MD-905A/USC</i>	<i>NESEA</i>
<i>MD-1030A(V)</i>	<i>Vallejo</i>
<i>MD-1035A</i>	<i>Charleston</i>
<i>MD-1210/SSR-1A(V)1</i>	<i>Charleston</i>
<i>ME-273/UD</i>	<i>Charleston</i>
<i>ML-661/F Digital Altimeter Sensor</i>	<i>Charleston</i>
<i>MK-1097</i>	<i>Charleston</i>
<i>MOD 31H, 33H/USH-23 (V)</i>	<i>Vallejo</i>
<i>MOD 3100 (Canberra)</i>	<i>Charleston</i>
<i>MOD 4206 (Canberra)</i>	<i>Charleston</i>
<i>MOD 8180 (Canberra)</i>	<i>Charleston</i>
<i>MT-4416/A</i>	<i>NAVELEXSECCEN</i>
<i>MT-4417/S</i>	<i>NAVELEXSECCEN</i>
<i>MT-6486/SRN</i>	<i>San Diego</i>
<i>MT-6586/S</i>	<i>San Diego</i>
<i>Modem OM-43A/USC</i>	<i>NESEA</i>

<i>MPDS/FCS</i>	<i>San Diego</i>
<i>MS-2</i>	<i>Charleston</i>
<i>MX-MASS</i>	<i>Charleston</i>
<i>MX-8757/UPX</i>	<i>NESEA</i>
<i>MX-8758</i>	<i>NESEA</i>
<i>MX-8758A/UPX</i>	<i>NESEA</i>
<i>MX-9335/UDM</i>	<i>Charleston</i>
<i>MX-10107, 10208</i>	<i>Portsmouth</i>
<i>MX-10342/WSC</i>	<i>Charleston</i>
<i>MX-10868/F</i>	<i>NAVELEXSECCEN</i>
<i>MX-10955</i>	<i>Charleston</i>
<i>MX-18283/SSR-1A(V)1</i>	<i>Charleston</i>
<i>Naval Reserve Installations</i>	<i>Charleston</i>
<i>NAVMACS</i>	<i>San Diego</i>
<i>NAVSTAR Global Positioning System (GPS) User Equipment</i>	<i>San Diego</i>
<i>NAVY STANDARD TELETYPE</i>	<i>Portsmouth</i>
<i>NIPS AN/USQ-9(CV/CVN/LCC)</i>	<i>NESEA DET Phila</i>
<i>NIPS AN/SYQ-9(V)4</i>	<i>NESEA</i>
<i>NIPS AN/USQ-34, 64</i>	<i>NESEADET Phila</i>
<i>NP-1S</i>	<i>Charleston</i>
<i>O-1657/WSC-5(V)</i>	<i>NESEA</i>
<i>O-1695/U</i>	<i>Vallejo</i>
<i>OA-1801( )/SRN-6</i>	<i>Vallejo</i>
<i>OA-7203/URN-20</i>	<i>Vallejo</i>
<i>OA-7621/FSA-52</i>	<i>Charleston</i>
<i>OA-8796, 8796A/SR</i>	<i>Portsmouth</i>

OA-8890, 8909, 8910, 8911/SRC	Portsmouth
OA-9122, 9123, 9277	Portsmouth
OA-9129/SR	Portsmouth
OB-87/U	Portsmouth
OD-56, 57, 58, 146, 152	NESEA
OD-151, 164, 164A/SRC	Portsmouth
OE-82B, 82C/WSC-1(V)	NESEA
OE-120( )/UPX	Portsmouth
OE-212, 213, 214/U	Portsmouth
OE-219, 231, 232/URC	Portsmouth
OE-258/URN	Vallejo
OE-273(V)/URN	Vallejo
OE-315(V)/BRC	Charleston
OE-377/UPX	NESEA
OJ-314/FSC	Charleston
OJ-314(V)/FSC Mod 25	NESEA
OK-217/UPX	NESEA
OK-261A/BRC	Charleston
OK-326, 326A/WSC-3	Vallejo
OK-336/SRT	Portsmouth
OK-367/WSC-3	Vallejo
OK-454, 455(V)/WSC	Charleston
OK-481(V)2/FSC	Charleston
OL-211/T	NESEA
OL-267	NESEA
OM-43A/USC	NESEA

<i>OM-55(V)/USC</i>	<i>Vallejo</i>
<i>OMEGA Receiver</i>	<i>Vallejo</i>
<i>ON-143(V) Series</i>	<i>Vallejo</i>
<i>ON-143(V), 143(V)4, 5, 6, 7, 8, 9,/USQ</i>	<i>Vallejo</i>
<i>ON-143(V)11/USQ</i>	<i>Charleston</i>
<i>ON-172/SR</i>	<i>Portsmouth</i>
<i>OP-94/S</i>	<i>Portsmouth</i>
<i>OR-19, 211, 212, 216/SR</i>	<i>Portsmouth</i>
<i>OR-225, 226/SR</i>	<i>Portsmouth</i>
<i>OR-243/SR</i>	<i>Portsmouth</i>
<i>OR-279(XN-1)/BRR</i>	<i>Charleston</i>
<i>OT-109, 110, 111, 115, 119, 120, 121/SRT</i>	<i>Portsmouth</i>
<i>Outboard</i>	<i>San Diego</i>
<i>OW-101/FSC</i>	<i>Charleston</i>
<i>OZ-30(V)/WSC-5(V)</i>	<i>NESEA</i>
<i>OZ-41/SRC</i>	<i>Portsmouth</i>
<i>PHM COMM</i>	<i>Portsmouth</i>
<i>PI-1</i>	<i>Charleston</i>
<i>Portable ESM (PESM)</i>	<i>Charleston</i>
<i>POST (Prototype Ocean Surveillance Terminal)</i>	<i>Portsmouth</i>
<i>PP-4276()PD</i>	<i>Charleston</i>
<i>PP-6099, 6099A, 6099B/APX-72</i>	<i>NESEA</i>
<i>PP-8074/FSC</i>	<i>Charleston</i>
<i>PP-8229/V</i>	<i>San Diego</i>
<i>PRM-SN/SPA-3</i>	<i>Charleston</i>
<i>QMS</i>	<i>Portsmouth</i>

<i>R-1051 Series</i>	<i>Portsmouth</i>
<i>R-1051/URR Series</i>	<i>Portsmouth</i>
<i>R-1842/WSC-5(V)</i>	<i>NESEA</i>
<i>R-1903, 1093A/UR</i>	<i>Portsmouth</i>
<i>R-2320/URR</i>	<i>Charleston</i>
<i>R-2321/URN</i>	<i>San Diego</i>
<i>R2401/U</i>	<i>San Diego</i>
<i>RATCF DAIR (AN/TPX-42A(V)10)</i>	<i>NESEA</i>
<i>RD-350A/URC</i>	<i>Vallejo</i>
<i>RD-379A</i>	<i>NESEA</i>
<i>RD-379/390</i>	<i>Charleston</i>
<i>RD-396</i>	<i>Vallejo</i>
<i>RD-397A(V)1&amp;2/U</i>	<i>Vallejo</i>
<i>RD-397, 397(V), 397B(V)</i>	<i>Vallejo</i>
<i>RD-397B(V)1, 2/U</i>	<i>NESEA DET Phila</i>
<i>RD-397B(V)3/U</i>	<i>NESEA DET Phila</i>
<i>RD-433/SSH</i>	<i>Vallejo</i>
<i>RE-1025/WSC-1(V)</i>	<i>NESEA</i>
<i>Remote Sensors Systems for Physical Security</i>	<i>Charleston</i>
<i>RFT/EMI/E<sup>3</sup></i>	<i>Charleston</i>
<i>RM-3C</i>	<i>Charleston</i>
<i>RT-859A/APX-72</i>	<i>NESEA</i>
<i>SAS</i>	<i>Portsmouth</i>
<i>SA-1551</i>	<i>San Diego</i>
<i>SA-1711A</i>	<i>Portsmouth</i>
<i>SA-1807/UPA-61</i>	<i>NESEA</i>

SA 2076/URQ	Portsmouth
SA 2112(V), 2112A/STQ	Portsmouth
SA-2174/USQ-64(V)	Vallejo
SA 22083/UG	Portsmouth
SA-2224/UPX	NESEA
SA 2345, 2346	Portsmouth
SA-2424/W	Charleston
SB-2744/U	Portsmouth
SB-3195/U	Portsmouth
SB-3272() F	Charleston
SB-3273() F	Charleston
SB-3776/UG	Portsmouth
SB-3833/URQ	Portsmouth
SB-3846/UG	Portsmouth
SB-3916/BRT	Charleston
SB-3917/BGC	Charleston
SB-3918/BRR	Charleston
SB-3959/BGC	Charleston
SB-4124, 4125, 4126/WSC	Charleston
SB-4179, 4180, 4181, 4182/FSC	Charleston
SB-4248, 4249/FSC	Charleston
SB-4310(XN-1)/USC-38(V)	Vallejo
SB-4317/FSC	Charleston
Secure Voice (INBSV) (STEAM VALVE) (AN/FYC-9(V)) (C-7554), (C-7594) (NBST)	Portsmouth

<i>SG-841, 993, 1066/UPX</i>	<i>NESEA</i>
<i>Shipboard Meteorological and Oceanographic Observing System (SMOOS)</i>	<i>Vallejo</i>
<i>Shipboard Tactical Secure Voice Systems</i>	<i>Portsmouth</i>
<i>(NESTOR Systems)</i>	
<i>(VINSON)</i>	
<i>(PARKHILL)</i>	
<i>(ANDVT)</i>	
<i>Ship Signal Exploration Space (SSES)</i>	<i>Charleston</i>
<i>SN-501/UPX</i>	<i>NESEA</i>
<i>SSE I</i>	<i>Charleston</i>
<i>SSIXS</i>	<i>Vallejo</i>
<i>STU III</i>	<i>NAVELEXSECCEN</i>
<i>T-616B/SRT</i>	<i>Charleston</i>
<i>TA-970, 980, 990</i>	<i>Portsmouth</i>
<i>TACINTEL SHIP &amp; SHORE</i>	<i>Vallejo</i>
<i>TD-918()F</i>	<i>Charleston</i>
<i>TD-937, 937A, 937B/SPX</i>	<i>NESEA</i>
<i>TD-1063A/SSR-1</i>	<i>Vallejo</i>
<i>TD-1097/WSC-5(V)</i>	<i>NESEA</i>
<i>TD-1150/USC</i>	<i>Vallejo</i>
<i>TD-1271B/U</i>	<i>Charleston</i>
<i>TD-1389(V)6/TC</i>	<i>Vallejo</i>
<i>TELETECTOR 6112</i>	<i>Charleston</i>
<i>TF-1A</i>	<i>Charleston</i>
<i>TFCC (Tactical Flag Command Center)</i>	<i>Portsmouth</i>
<i>TIMS (TFCC Information Management System)</i>	<i>Portsmouth</i>
<i>TS-1189()/PD, 1216()/PD</i>	<i>Charleston</i>



TS-1843, 1843A, 1843B, 1843/APX	NESEA
TS-4120/SRQ-4	NESEA
TS-4194/F	Portsmouth
TS-4991	Portsmouth
TSC-126	NESEA
TSEC/HN-9, 10, 74	NAVELEXSECCEN
TSEC/HY-2, 2A, 11, 12	NAVELEXSECCEN
TSEC/KG-13, 14	NAVELEXSECCEN
TSEC/KG-27, 28, 29	NAVELEXSECCEN
TSEC/KG-30 Family	NAVELEXSECCEN
TSEC/KG-40, 40A, 43, 44, 44A	NAVELEXSECCEN
TSEC/KG-45, 46, 58, 66	NAVELEXSECCEN
TSEC/KG-81, 82, 84, 84A, 84C	NAVELEXSECCEN
TSEC/KG-93, 94, 94A, 95	NAVELEXSECCEN
TSEC/KI-1A, 1B, 1C	NAVELEXSECCEN
TSEC/KL-41, 42, 43, 51	NAVELEXSECCEN
TSEC/KN-2	NAVELEXSECCEN
TSEC/KW-7, 7A, 26, 37, 46	NAVELEXSECCEN
TSEC/KY-3, 3A, 8, 28, 57, 58, 65, 67, 68	NAVELEXSECCEN
TSEC/KY-71, 71A, 75	NAVELEXSECCEN
TSEC/ST-58	NAVELEXSECCEN
TT-321A/UG	NAVELEXSECCEN
TT-624/UG	Charleston
TT-1322/SSRC	Portsmouth
TT-1322A/SRC	Portsmouth
Z-AHP/TSEC	NAVELEXSECCEN

*Z-AHQ/TSEC*

*NAVELEXSECCEN*

*Z-AKR/TSEC*

*NAVELESSECCEN*

*Z-AKS/TSEC*

*NAVELEXSECCEN*

*Z-AKT/TSEC*

*NAVELEXSECCEN*

*Z-AKX/TSEC*

*NAVELEXSECCEN*

*35 PLUS RADIAC*

*Charleston*

*440 Victoreen Ratemeters & Probes*

*Charleston*

*470 Victoreen Ratemeters & Probes*

*Charleston*

*570 Victoreen Ratemeters & Probes*

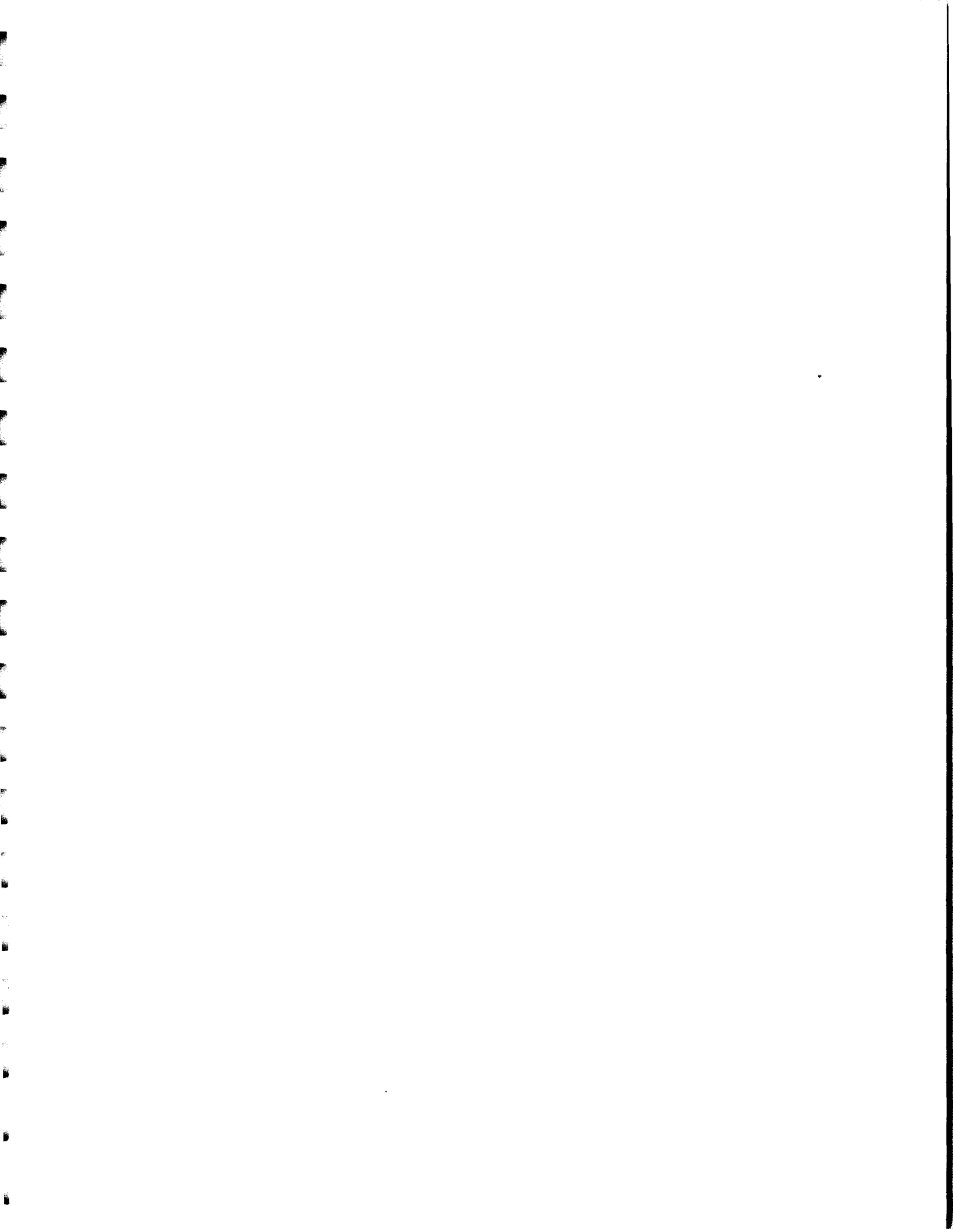
*Charleston*

*70067 (Eberline) Air Sampler*

*Charleston*

**TECHNICAL  
ASSISTANCE  
CAPABILITY  
LISTING**

**BY NOMENCLATURE**



\*ISEA

<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
AATC DAIR	NESEA*	AN/APM-424	NESEA
Active RW ECM (All Misc)	Portsmouth San Diego	AN/APX-72	NESEA* San Diego
AEGIS EXCOMM	NESEA*	AN/ARC-164	Charleston
AIMS/IFF	Mayport NESEA* San Diego Vallejo	AN/BLA-2, 4	Portsmouth
AIMS MK XII	Mayport NESEA* San Diego Vallejo	AN/BLM-1	Portsmouth
ALCEP	Portsmouth*	AN/BLR-10, 11	Portsmouth
All Shore Based Crypto	Charleston	AN/BQH-5	San Diego*
AM-215	Portsmouth Vallejo	AN/BRD-7	San Diego*
AM-1017	Portsmouth San Diego	AN/BRN-6	San Diego*
AM-1365/URT	Portsmouth	AN/BRN-7	San Diego Vallejo*
AM-1565, 2123	Portsmouth	AN/BRR-3	Charleston
AM-2631/U, 3324	Portsmouth	AN/BRR-6	Charleston*
AM-3729/SR	Portsmouth	AN/BRT-6	Charleston*
AM-4255/WLR	Portsmouth San Diego	AN/BSQ-3A	San Diego*
AM-6181()/UM	Charleston	AN/BST-1	NUWES, Keyport
AM-6675/URT	Portsmouth* Charleston	AN/CPN-4A	Mayport Vallejo*
AM-6694/SR	Portsmouth*	AN/CRT-3	Portsmouth San Diego
AM-6909	Portsmouth	AN/CRT-3A	Portsmouth
AN/ALQ-170	Portsmouth	AN/FAC-2	Portsmouth
		AN/FLQ-5	Charleston
		AN/FGC-10, 58	Portsmouth
		AN/FGC-73	Portsmouth*
		AN/FGC-74, 79	NAVELEXSECCEN

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<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
	Portsmouth		
AN/FGC-100, 101	NAVELEXSECCEN	AN/FRN-24 (UHF Beacon)	Mayport Vallejo*
AN/FGC-101,144,148	Portsmouth	AN/FRN-39, 42	Vallejo*
AN/FGR-5, 6, 10	NAVELEXSECCEN	AN/FRQ-15(V)	NAVELEXSECCEN
AN/FGT-7	NAVELEXSECCEN	AN/FRT-39, 40	San Diego*
AN/FLR-15(V), 15A(V)	NAVELEXSECCEN	AN/FRT-80	San Diego
AN/FPN-36, 39, 42, 49	Vallejo	AN/FRT-83, 84, 85 86	San Diego*
AN/FPN-36 (GCA)	Mayport	AN/FRT-93,94,96	Portsmouth San Diego*
AN/FPN-47	Charleston Mayport	AN/FSA-47	Charleston*
AN/FPN-63 (GCA)	Mayport Vallejo*	AN/FSA-52	Charleston* Vallejo
AN/FPQ-20	Vallejo*	AN/FSA-57	Charleston* Mayport
AN/FPS-20	San Diego	AN/FSA-58	Charleston* Vallejo
AN/FQX-1	NESEA	AN/FSC-104(V)1	Charleston
AN/FRA-11	San Diego Mayport	AN/FSH-5(V), 7(V) 7A(V)	NAVELEXSECCEN
AN/FRA-54(V), 54A(V)	NAVELEXSECCEN	AN/FSK-1(V), 2(V)	NAVELEXSECCEN
AN/FRD-10(V), 10A(V)	NAVELEXSECCEN	AN/FSM-5(1)	NAVELEXSECCEN
AN/FRD-10 (XN-2)	NAVELEXSECCEN	AN/FSQ-44(V)	NAVELEXSECCEN
AN/FRD-12	NAVELEXSECCEN	AN/FSQ-53	Portsmouth
AN/FRD-13(V),14(V)	NAVELEXSECCEN	AN/FSQ-59	NAVELEXSECCEN
AN/FRM-19(V) Automatic	NAVELEXSECCEN	AN/FSQ-98	San Diego*
AN/FRN-12 Series (VOR)	Mayport	AN/FSQ-113	Portsmouth
		AN/FSQ-117(V), 118(V)	NAVELEXSECCEN

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<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
AN/FSQ-123 (V)	NAVELEXSECCEN	AN/GRA-34	Mayport Vallejo*
AN/FSQ-131	NESEA	AN/GRC-9, 27A	Portsmouth
AN/FSQ-138 (V)	NAVELEXSECCEN	AN/GRC-171	Charleston* Mayport NESEA San Diego
AN/FSR-3 (V) , 5 (V)	NAVELEXSECCEN	AN/GRC-171 (V) 2	Charleston*
AN/FSS-9 (V)	Charleston	AN/GRC-205	Charleston
AN/FSS-10 (V)	Charleston Mayport	AN/GRC-211	Charleston* Mayport NESEA San Diego
AN/FSS-12 (V) , 13 (VX) , 14 (V) , 15 (V) , 16 (V)	Charleston	AN/GRN-9	Mayport San Diego
AN/FTC-31	Portsmouth	AN/GRR-23, 24	Charleston* Mayport Portsmouth San Diego Vallejo NEEACTS
AN/FXQ-5	NESEA*	AN/GRR-23 (V) 6	Vallejo
AN/FYC-9 (V)	Portsmouth	AN/GRT-21, 22	Charleston* Mayport San Diego Vallejo NEEACTS
AN/FYC-13 (V)	NAVELEXSECCEN	AN/GSC-38	Portsmouth*
AN/FYK-17 (FACSFAC)	NESEA	AN/GSC-59, 60	NESEA*
AN/FYK-23 (FACSSKED)	NESEA	AN/GSH-23 (V) , 24 (V)	NAVELEXSECCEN
AN/FYQ-87	Vallejo*	AN/GSH-45	Vallejo*
AN/FYQ-94, 94A (V)	NAVELEXSECCEN	AN/GSH-52 (V) , 53 (V)	NAVELEXSECCEN Portsmouth*
AN/FYQ-103 (V) , 114	NAVELEXSECCEN	AN/GSH-53A (V)	NAVELEXSECCEN
AN/GCC-21	Portsmouth		
AN/GGC-59 (V) 5	Vallejo		
AN/GMQ-29	San Diego		
AN/GPA-106, 107	Charleston Mayport		
AN/GPN-12 (ASR-7)	Charleston*		
AN/GPN-27	Charleston* Mayport		

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<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
AN/GSQ-53	Portsmouth	AN/SLD-1()	Portsmouth
AN/GSH-53A(V)	NAVELEXSECEN	AN/SLM-1(), 2(), 2A	Portsmouth
AN/GSS-26, 26A, 33, 37	Charleston	AN/SLQ-12	Portsmouth San Diego
AN/GYK-3(V), 9A(V)	NAVELEXSECEN	AN/SLQ-17, 17A(V)2, 17A(V)3	Portsmouth*
AN/MPN-11 (GCA)	Mayport	SLQ-19, 19A	Portsmouth
AN/MPN-14 (GCA)	Mayport	AN/SLQ-20, 20A	Portsmouth*
AN/MPN-23	Vallejo*	AN/SLQ-21	Portsmouth
AN/MRN-15 (TACAN)	Mayport	AN/SLQ-22, 23, 24 26	Portsmouth* San Diego
AN/MRN-18, 18A (TACAN)	Mayport Vallejo*	AN/SLQ-27	Portsmouth
AN/MRQ-10 NOMAD	Charleston	AN/SLQ-32	Portsmouth* San Diego NEAACTS
AN/MSQ-123	San Diego	AN/SLQ-34	Portsmouth*
AN/PDR-18, 18(), 27(), 43(), 54, 56(), 60, 63, 65, 66(), 68, 70, 73, 74	Charleston	AN/SLR-12	Portsmouth San Diego
AN/PRC-10, 24, 41 77, 97	Portsmouth San Diego	AN/SLR-16 MOD	Charleston San Diego*
AN/PRC-68, 75	San Diego	AN/SLR-22	Portsmouth
AN/SAR-7	Portsmouth	AN/SLR-28	San Diego
AN/SAT-2	Portsmouth	AN/SPN-6	NESEA
AN/SGC-1	Portsmouth	AN/SPN-32, 38 (LORAN C)	Vallejo
AN/SGC-9, 11	Charleston	AN/SPN-35, 35A	NESEA* San Diego Vallejo
AN/SLA-10	San Diego	AN/SPN-40 (LORAN AEC)	Vallejo*
AN/SLA-10A	Portsmouth San Diego		
AN/SLA-15, 16, 17	Portsmouth* San Diego		



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<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
AN/SPN-41,42,42A 42T,43,43B,44	NESEA* San Diego	AN/SRC-16,16A(V)	Portsmouth* San Diego
AN/SPN-46(V)	NESEA*	AN/SRC-16()	Portsmouth San Diego NEEACTS
AN-SPN-47	Vallejo		
AN/SRA-12	San Diego	AN/SRC-20	Charleston Portsmouth* San Diego NEEACTS
AN/SRA-13,14,15,16	Portsmouth San Diego		
AN/SRA-17 Series	Portsmouth San Diego	AN/SRC-21, 21A	Portsmouth* San Diego NEAACTS
AN/SRA-18	San Diego		
AN/SRA-22	Portsmouth San Diego	AN/SRC-22	Portsmouth
AN/SRA-28	San Diego	AN/SRC-23(V), 23A(V)	Portsmouth* San Diego
AN/SRA-33	Portsmouth* San Diego NEEACTS	AN/SRC-31, 31A, 31B	NESEA* Portsmouth San Diego
AN/SRA-34 Series	Portsmouth* San Diego	AN/SRC-56	Portsmouth
AN/SRA-40,42,43	Portsmouth San Diego	AN/SRD-19	Charleston San Diego*
AN/SRA-49	Mayport Portsmouth San Diego	AN/SRM-13, 14	Portsmouth
AN/SRA-50,51	Portsmouth San Diego	AN/SRM-17(XG-1)	San Diego
AN/SRA-56	Mayport Portsmouth San Diego	AN/SRN-6, 6A	Mayport San Diego Vallejo*
AN/SRA-60, 62	Portsmouth San Diego	AN/SRN-9, 9A	San Diego* Vallejo
AN/SRC-(XN-1)	Portsmouth San Diego	AN/SRN-12	San Diego Vallejo*
		AN/SRN-14	San Diego
		AN/SRN-15	San Diego Vallejo*
		AN/SRN-17, 17A	Vallejo*

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<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
AN/SRN-18	San Diego*	AN/SSQ-82 (MUTE)	Portsmouth*
AN/SRN-19	San Diego* NEEACTS Vallejo	AN/SSQ-85 (MRDIS)	Charleston San Diego
AN/SRN-25	NEEACTS	AN/SSQ-88, 92	Portsmouth*
AN/SRQ-4	NESEA*	AN/SSR-1	Charleston Mayport NESEA NEEACTS Portsmouth San Diego Vallejo*
AN/SRR-1	Charleston		
AN/SRR-11	Portsmouth		
AN/SRR-19 Series	Portsmouth San Diego	AN/SSR-1A	Vallejo
AN/SRS-1 Combat D.F.	Charleston San Diego	AN/SSW-1 Series	Portsmouth* San Diego
AN/SRT-14,15,16	Portsmouth	AN/SXQ-5 (MPDS)	San Diego*
AN/SSC-6	Vallejo*	AN/SXQ-8 (V)	NESEA*
AN/SSM-4, 4A	Portsmouth	AN/SYQ-5	San Diego*
AN/SSQ-29	San Diego	AN/SYQ-6 (MPDS)	San Diego*
AN/SSQ-29(U)	Portsmouth*	AN/SYQ-7	Charleston Mayport San Diego*
AN/SSQ-29 (XN-2)	Portsmouth*	(NAVMACS V1)	
AN/SSQ-54	Portsmouth	AN/SYQ-7	Charleston San Diego*
AN/SSQ-59	Portsmouth*	(NAVMACS V2)	
AN/SSQ-64(V)	NESEA DET Phila	AN/SYQ-7 (V2 MPD)	Charleston San Diego*
AN/SSQ-65	Portsmouth San Diego	AN/SYQ-7	Charleston Mayport San Diego*
AN/SSQ-67 (XG-1)	San Diego	(NAVMACS V3)	
AN/SSQ-70 (DOP)	Charleston	AN/SYQ-7	Charleston San Diego*
AN/SSQ-72	San Diego*	(NAVMACS V5)	
AN/SSQ-74	Portsmouth*	AN/SYQ-8	Charleston San Diego*
AN/SSQ-80	Charleston*	AN/SYQ-9(V)	NESEA DET Phila

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<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
AN/TCA-4	Portsmouth	AN/TSM-170	Vallejo*
AN/TNH-10	NAVELEXSECCEN	AN/TSQ-18A, 88A	Vallejo*
AN/TNH-11	Charleston Mayport	AN/TSQ-107 (RSC)	NESEA
AN/TNH-11(V), 13	NAVELEXSECCEN	AN/TSQ-108	San Diego Vallejo*
AN/TNH-20	Charleston NAVELEXSECCEN	AN/TSQ-120	Vallejo*
AN/TNH-20A	NAVELEXSECCEN	AN/TSQ-131 (V)	Vallejo*
AN/TNH-21	Charleston NAVELEXSECCEN	AN/UCC-1 Series	Charleston NEEACTS Portsmouth San Diego
AN/TNH-22, 25	NAVELEXSECCEN	AN/UDM-1A, 3, 5, 7(), 8, 10	Charleston*
AN/TPM-32, 35, 36	NESEA	AN/UGA-7	Portsmouth
AN/TPN-8A (GCA)	Vallejo*	AN/UGC-5 & 6 Series	NAVELEXSECCEN Portsmouth
AN/TPN-22	NESEA Vallejo*	AN/UGC-6B, 6F, 6J/K	Portsmouth
AN/TPN-30 (MRAALS)	Vallejo*	AN/UGC-7 & 8 Series	Portsmouth
AN/TPS-73	Vallejo	AN/UGC-13	NAVELEXSECCEN
AN/TPX-42	NESEA* Vallejo	AN/UGC-15 & 16 Series	Portsmouth
AN/TPX-42(V)5, 8, 10	NESEA	AN/UGC-18, 19	Portsmouth
AN/TRC-131, 131A (ATCC)	Vallejo	AN/UGC-20	NAVELEXSECCEN Portsmouth San Diego
AN/TRN-28 (ILS)	NESEA* San Diego	AN/UGC-20A, 20B	Portsmouth San Diego
AN/TRQ-35	Portsmouth* San Diego	AN/UGC-22 Series	Portsmouth
AN/TSC-95	San Diego	AN/UGC-25	NAVELEXSECCEN Portsmouth
AN/TSC-96	NESEA		
AN/TSC-126	NESEA		

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<i>EQUIPMENTS</i>	<i>ACTIVITY</i>	<i>EQUIPMENTS</i>	<i>ACTIVITY</i>
	San Diego	AN/UGH-1	Portsmouth
AN/UGC-25A	Portsmouth San Diego	AN/UGR-2	Portsmouth
AN/UGC-34	Portsmouth	AN/UGR-8	NAVELEXSECCEN
AN/UGC-47, 48	NAVELEXSECCEN NEEACTS Portsmouth	AN/UGR-9	Mayport NAVELEXSECCEN
AN//UGC-50	NAVELEXSECCEN Portsmouth	AN/UGR-10	Portsmouth
AN/UGC-51 & 54 Series	NAVELEXSECCEN Portsmouth	AN/URG-11, 12	NAVELEXSECCEN
AN/UGC-55, 57 Series	Portsmouth	AN/UGT-4, 5, 6, 7	NAVELEXSECCEN
AN/UGC-59, 59A	NAVELEXSECCEN	AN/ULM-3	Portsmouth
AN/UGC-60	Portsmouth	AN/ULQ-6	Portsmouth San Diego
AN/UGC-61 Series	NAVELEXSECCEN Portsmouth	AN/ULQ-13	Portsmouth
AN/UGC-64, 66, 70	Portsmouth	AN/ULQ-16	Charleston
AN/UGC-77	NAVELEXSECCEN NEEACTS	AN/UMK-3 (TESS(3))	Vallejo*
AN/UGC-78	Portsmouth	AN/UPA-24	NESEA* San Diego
AN/UGC-89	NAVELEXSECCEN	AN/UPA-33	NESEA
AN/UGC-90 Series	NAVELEXSECCEN Portsmouth	AN/UPA-38	NESEA* San Diego
AN/UGC-109, 110, 111, 126, 135	NAVELEXSECCEN	AN/UPA-39, 50	NESEA*
AN/UGC-136AX	Charleston* NEEACTS Vallejo	AN/UPA-57	Mayport NESEA*
AN/UGC-136BX	Vallejo	AN/UPA-59, 59A	Mayport NESEA* San Diego
AN/UGC-136CX	Charleston	AN/UPA-61	NESEA* Mayport San Diego Vallejo
		AN/UPM-70, 70A	NESEA*

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EQUIPMENTS	ACTIVITY	EQUIPMENTS	ACTIVITY
AN/UPM-98 Series, 99, 119, 136, 137A, 149, 150	NESEA*	AN/URA-8 Series	Portsmouth
AN/UPN-12 Series	Vallejo*	AN/URA-17 Series	Portsmouth San Diego
AN/UPN-15 Series	San Diego Vallejo*	AN/URA-38, 38A	Portsmouth* San Diego
AN/UPS-1 (RADAR)	NESEA Vallejo	AN/URC-4	Portsmouth
AN/UPX-1A, 11	NESEA*	AN/URC-9, 9A, 9AY	Portsmouth San Diego NEEACTS
AN/UPX-12, 12A, 12B	NESEA* San Diego	AN/URC-9Y	Portsmouth*
AN/UPX-17	San Diego NESEA*	AN/URC-17	NEEACTS
AN/UPX-23	Mayport NESEA* San Diego Vallejo	AN/URC-32, 32A, 32B, 35	Portsmouth* San Diego
AN/UPX-24	NESEA* San Diego	AN/URC-35A, 35B	Portsmouth*
AN/UPX-25	Mayport NESEA* San Diego Vallejo	AN/URC-75	Portsmouth
AN/UPX-26	NESEA*	AN/URC-80	Portsmouth San Diego NEEACTS
AN/UPX-27	Mayport NESEA* San Diego Vallejo	AN/URC-81, 82, 83, 84	Portsmouth* San Diego
AN/UPX-28	NESEA* Vallejo	AN/URC-85	NESEA* Portsmouth San Diego
AN/UPX-29	NESEA* San Diego	AN/URC-86	NEEACTS
AN/UPX-30	NESEA*	AN/URC-93	NESEA* San Diego NEEACTS
AN/UQX-5	NESEA	AN/URC-94	Charleston
		AN/URC-94(V)	Vallejo
		AN/URC-101	Charleston*
		AN/URC-107(V) 5, 6, 7	Vallejo*

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<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
AN/URM-158, 159	Portsmouth		NESEA San Diego NEEACTS
AN/URM-507	Vallejo	AN/URT-23(V)	Portsmouth* San Diego
AN/URN-3A	Mayport Vallejo*	AN/URT-24	Mayport Portsmouth* San Diego NEEACTS
AN/URN-5 (HF Beacon)	Mayport Vallejo*	AN/URT-24A	Portsmouth* San Diego
AN/URN-20	Mayport San Diego Vallejo*	AN/URT-30(VERDIN)	Vallejo*
AN/URN-25	Mayport Vallejo*	AN/URT-38	NEEACTS
AN/URQ-9, 10	Portsmouth	AN/USC-13, 14	NESEA
AN/URQ-23, 26, 29	Portsmouth*	AN/USC-23	Portsmouth
AN/URR-27, 27A	Portsmouth San Diego NEEACTS	AN/USC-30, 34, 35	Portsmouth* San Diego
AN/URR-35	San Diego	AN/USC-38(V)1,23	Vallejo* Charleston
AN/URR-35A, 35B 35C	Portsmouth San Diego	AN/USC-38(V)3	Portsmouth
AN/URR-44	Portsmouth	AN/USC-42(V)	Charleston
AN/URR-52	Portsmouth*	AN/USH-22(V), 23(V)	Vallejo*
AN/URR-74	Charleston Portsmouth*	AN/USH-26(V)	Charleston Mayport NESEA NESEA DET Phila San Diego Vallejo
AN/URR-76	Vallejo*	AN/USH-31	NESEA
AN/URT-7, 7C, 7D	Portsmouth San Diego NEEACTS	AN/USM-422, 465	NESEA
AN/URT-19	Mayport	AN/USQ-34(V) AN/USQ-36(V), 59	NESEA DET Phila Portsmouth* San Diego
AN/URT-23 Series	Mayport Portsmouth*		

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<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
AN/USQ-63	Portsmouth*		NEEACTS
AN/USQ-64(V)1, (V)2, (V)3, (V)5, (V)6	Vallejo*	AN/UYK-20X(V)	Charleston NESEA DET Phila
AN/USQ-64(V)7, (V)8	Vallejo Charleston	AN/UYK-22	NAVELEXSECCEN Vallejo*
AN/USQ-69	Charleston NESEA* San Diego Vallejo	AN/UYK-20X(V)	Charleston NESEA DET Phila
AN/USQ-74	Portsmouth* San Diego	AN/UYK-22	Vallejo
AN/USQ-76, 76(V)3	Vallejo*	AN/UYK-31, 43	NESEA DET Phila
AN/USQ-79	Portsmouth*	AN/UYK-44	NESEA* Vallejo
AN/USQ-96(V)	Vallejo* Charleston	AN/UYK-48	NESEA DET Phila
AN/USQ-101 (TRE)	Charleston* Vallejo	AN/UYK-63	NAVELEXSECCEN
AN/USQ-109	NESEA*	AN/UYQ-22, A(V)	NAVELEXSECCEN
AN/UXH-2	Portsmouth*	AN/UYQ-23(V)	NESEA DET Phila San Diego
AN/UYA-7	Portsmouth San Diego	AN/UYQ-34	NESEA Vallejo*
AN/UYA-9	San Diego*	AN/UYX-1(V)Brands	Charleston*
AN/UYC-3(V)	San Diego	AN/VCC-2	Portsmouth*
AN/UYC-5/8	NAVELEXSECCEN	AN/VRC-46	Portsmouth San Diego NEEACTS
AN/UYH-2	NESEA DET Phila	AN/WLA-3	Portsmouth San Diego
AN/UYK-3	NAVELEXSECCEN Portsmouth	AN/WLA-3B	San Diego
AN/UYK-19	NESEA DET Phila	AN/WLQ-1	NEEACTS
AN/UYK-20(V)	NESEA* Vallejo	AN/WLQ-4	San Diego*
		AN/WLR-1	Portsmouth San Diego

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<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
AN/WLR-1H	Portsmouth*		San Diego Vallejo*
AN/WLR-1 Antenna and Control Units (AS-899) (AS-571) (AS-616) (C-1609) (C-3118)	Portsmouth San Diego	AN/WSC-3 LOS	Portsmouth* San Diego
AN/WLR-1(), 3	Portsmouth San Diego	AN/WSC-3V(10/11)	Portsmouth
AN/WLR-6, 11, 11A	Portsmouth San Diego	AN/WSC-5	Mayport NESEA*
AN/WLR-8	Portsmouth San Diego*	AN/WSC-6	Vallejo*
AN/WPN-4, 5	Vallejo*	AN/WSC-6(V)1, 2	Vallejo* NESEA
AN/WRC-1, 1B	Portsmouth* San Diego	AN/WXQ-2	NESEA
AN/WRN-5, 5A	San Diego*	AN/WXQ-3	Charleston*
AN/WRN-6	NEEACTS	AN/WXQ-4	NESEA*
AN/WRR-1	San Diego	Antenna Coupler CU-1559/SRC	NESEA
AN/WRR-2 Series	Portsmouth	Antenna Systems	Charleston
AN/WRR-2B	San Diego	OE-82B/WSC-1(V)	NESEA*
AN/WRR-3	Charleston Portsmouth San Diego	OE-82C/WSC-1(V)	San Diego
AN/WRR-7 & Series A & B	Vallejo*	SA-2000A/WSC-1(V)	Vallejo
AN/WRT-1	Portsmouth San Diego	AM-6992A/WSC-1(V)	
AN/WRT-2	Portsmouth* San Diego	AS-3018A/WSC-1(V)	
AN/WSC-3 SATCOM	Charleston Mayport NESEA	C-9597/WSC-1(V)	
		AR-155A, 155B	NESEA DET Phila
		AS-27A, 27B	NESEA DET Phila
		AS-177, A, B	NESEA*
		AS-390()	Portsmouth
		AS-390 (SRC)	San Diego
		AS-570	Portsmouth San Diego
		AS-571	San Diego
		AS-571()/SLR	Portsmouth
		AS-571A/SLA	Portsmouth



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<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
AS-616, 899()	Portsmouth San Diego	AS-3482	Portsmouth
AS-1018()	Portsmouth Charleston	AS-4037/SRC	Portsmouth*
AS-1018()/URC	Mayport San Diego Vallejo	ASCOMM	Vallejo
AS-1065/UPX	NESEA*	ASR-8	Mayport Vallejo
AS-1085/URC	NESEA*	ASWCCCS COMM	Portsmouth
AS-1390()	Portsmouth	ASWOC	Portsmouth Vallejo
AS-1496/U	Portsmouth	AT-150/SRC	Portsmouth San Diego
AS-1497/U	Portsmouth	AT-352B/UPA 22	NESEA*
AS-1735()	Portsmouth	ATE	Charleston
AS-1735/SRC	San Diego	AUTODOM (MODEV)	Charleston
AS-2188, 2189	NESEA*	AUTO SEVOCOM	Portsmouth*
AS-2629B/BRR	Charleston*	AUTOVON	Portsmouth*
AS-2787/UPX	NESEA*	Beta Counting System	NAVELEXSECEN
AS-3018/WSC-1(V) See Antenna Systems	NESEA Charleston	Brands (AN/UYX-1)	Charleston* NESEA
OE-82B/WSC-1(V)		BRITE II	Vallejo
AS-3018A/WSC-1(V) See Antenna Systems	NESEA Charleston	BS-13A	NESEA DET Phila
OE-82C/WSC-1(V)		BZ-216/UD	Charleston*
AS-3020/SR, 3121/SR	Portsmouth*	BZ-252/FYQ-87(V)	Vallejo
AS-3274/SRQ, 3275/SRQ	NESEA	BZ-287	Charleston* NESEA
AS-3430/SPX	NESEA	C-1004/SG Series	Portsmouth
AS-3434(V)/BRC	Charleston*	C-1138	Portsmouth Vallejo
		C-1297/UR	Portsmouth

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EQUIPMENTS	ACTIVITY	EQUIPMENTS	ACTIVITY
C-1609()/SLR	Portsmouth	Repair of GPETE	Portsmouth San Diego Vallejo
C-3866	Portsmouth	CATCC-DAIR (AN/TPX-42A(V)8)	NESEA*
C-4621/SR	Portsmouth	CCTV	NESEA Charleston
C-6280, 6280A/APX-72	NESEA*	CCTV Commercial Equipment	Portsmouth
C-7554	Portsmouth*	Camera Gates	
C-7594	Portsmouth*	Model TE-2000, TE-204	
C-7826/F	Charleston	Model E-201, TE-300, TE-301	
C-8430/UPX	NESEA*	Telemation Model TMC-2100V	
C-8585	San Diego*	Telemation Model TMC-2100	
C-8625/T	NESEA*	Monochrome Camera	
C9219A/USC See OM-43A/USC	NESEA	Control Unit	
C-9351/WSC-3	NEEACTS	Telemation	
C-9597/WSC-1(V) See Antenna System OE-82B/WSC-1(V)	NESEA	Model TMV-708/2R	
C-9899/WSC-3	NEEACTS	NTSC Encoder International Video Corp	
C-10077/SRC	Portsmouth*	Model 82/00220-000	
C-10276	Portsmouth	Monitor/Receiver Color RCA	
C-10315/U, 10316	Portsmouth	Model JT-970W	
C-10425/SRQ	NESEA	Monitor Receiver Color Ummidia	
C-10544/UPX	Charleston Mayport	SMT-Dual 9	
C-10863/USC	Vallejo	Monitor Monochrome CONRAC	
C-11006/U	Portsmouth	SWA-9/2R	
C-11828/U Calibration and	NAVELEXSECCEN Charleston	Monitor Monochrome CONRAC	
		Model ENA-9	
		Vital Ind. Routing Switcher	
		Vital Ind. Master Control Programmer	
		Sony 1800, 2850 Video Tape Cassette Recorder	
		IVC 825, 875 Video Tape Recorder	
		GE PJ500 Large Group Display	
		Telemation TMM-211 Fils Island	
		Telestrator	
		Video Disc Recorder	
		Data Disc 310	
		Video Hard Copy Unit	
		Tektronix 4632	
		CDD-1000 (ATIS)	Vallejo

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<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
CDAA Antenna System (Part of AN/FRD-10 and AN/FRD-13 Systems)	NAVELEXSECCEN	CPDS LHA Class (Exterior COMM System LHA-1)	San Diego Portsmouth
CDV-700	Charleston*	CR-054-900-500S	Charleston*
CDV-715	NAVELEXSECCEN Charleston*	CRM-592/GP-595	Charleston*
CI-3 (WALBURN)	NAVELEXSECCEN*	CU-619	San Diego
Command and Control Processor (C <sup>2</sup> P)	Vallejo*	CU-656/U	NAVELEXSECCEN
COMM Antenna Systems (Surface Ships)	Portsmouth*	CU-691/U	Charleston Portsmouth San Diego
CODEX MODEMS	Vallejo Charleston	CU-692/U	Portsmouth
Classic Bowsprit/Sail	NAVELEXSECCEN	CU-737/URC	Portsmouth San Diego
CL-1	Charleston*	CU-872/U	NAVELEXSECCEN
CP-95( )UD	Charleston*	CU-937/UR	Portsmouth* San Diego
CP-642(B)/	NESEA DET Phila	CU-938/URA-38	Portsmouth*
CP-792( )UD	Charleston*	CU-1099/U, 1280/U	NAVELEXSECCEN
CP-848/UYK	NESEA	CU-1303/FRR	NAVELEXSECCEN
CP-1071/WRR (VERDIN Processor)	Vallejo*	CU-1382, F, G/FRR	NAVELEXSECCEN
CP-1112-1PD	Charleston*	CU-1653/U, 2113	Portsmouth
CP-1231(V)/FLR-15	NAVELEXSECCEN	CU-2165, 2165A/SRC	Portsmouth*
CP-1464(V)/FRD-14	NAVELEXSECCEN	CU-2289/FRR	NAVELEXSECCEN
CP-1465(V)/F	NAVELEXSECCEN	CU-2364/BRR	Charleston*
		CUDIXS	Vallejo* Charleston
		CUL-49546	Portsmouth
		CV-172 A/L	Portsmouth
		CV-591A/URR	Portsmouth

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<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
CV-1066	Portsmouth*	CV-3971/S	NAVELEXSECCEN
CV-1396/BRR-16	Charleston*	CV-6816	Portsmouth*
CV-1441A/BRR	Charleston*	CV-11022/WSC-3	Charleston
CV-2197, 2364/BRR	Charleston*	CVA/LPH EW Equipments	Portsmouth
CV-2460/SGC	Mayport NEEACTS Portsmouth San Diego	CVLF	Vallejo*
CV-2757	San Diego	CW-1184/SRQ	NESEA
CV-2771, 2772	San Diego*	CY-6816	NESEA*
CV-2979/UX	Portsmouth	CY-7113/WR	Vallejo
CV-3022/UB	San Diego Vallejo	CY-8410/WRR-7B	Vallejo
CV-3022/UG	San Diego Charleston	CY-XXXX/WRR-XX	Vallejo
CV-3034	Portsmouth*	DAIR (AN/TPN-42A (V)5)	NESEA*
CV-3292	Portsmouth	DAMA	Charleston* NESEA Mayport Vallejo
CV-3333	Charleston Mayport NESEA Portsmouth San Diego Vallejo*	CY-7970/WSC	Charleston* NESEA Vallejo
CV-3440	Vallejo	CY-7971/WSC	Charleston* NESEA Vallejo
CV-3591/U	Portsmouth* Charleston	CY-8408/FSC	Charleston* NASEA
CV-3599/WLR-1	Portsmouth	CY-8409/FSC	Charleston* NESEA
CV-3604/FYQ-87V()	Vallejo*	DD963 Comm	Portsmouth*
CV-3682/UPX RBD	NESEA*	DLCS	Vallejo
CV-3941/FSC	Charleston* NESEA	DRAMAA (Digital Radio and	NESEA*

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EQUIPMENTS	ACTIVITY	EQUIPMENTS	ACTIVITY
Multiplexer Acquisition)		Surveillance Facility San Diego	
DT-60( )PD	Charleston*	FACTS (FACSFAC	NESEA*
		Air Control	
DT-302/PDR-56, 304	Charleston*	Tracking System)	
DT-518/PD, 526/PD	Charleston*	FACX-PTC1	NESEA*
583/PD		FDEP	Charleston*
Dual DAMA	Charleston*	FDIO	Charleston*
DVA	NESEA DET Phila	FIST (Fleet	NESEA*
Electromagnetic	NESEA	Imagery	
Interference		Support	
(Communications)		Team)	
(Navigation)		FLTSATCOM/	Portsmouth*
(Fire Control)		AUTOSEVOCOM	
(ESM/EW)		Interface	
(Search Radar)		FLTSATCOM	NESEA*
E-130( ), 140N,	Charleston*	Spectrum	
510N, 530N		Monitor	
Electronic	NESEA	System	
Systems		FULCRUM	NESEA DET Phila
Safety		Workstation	
EMCSP	NESEA	(NIDS)	
EMI/EMC/EMR/	Charleston	GA-2A	NAVELEXSECCEN
HERO/RADHAZ		GA-270	Charleston*
Environmental	NESEA	GASP (GPETE	Charleston*
Characteristics		Assets	Portsmouth
EVS	Vallejo*	Screening	
EWTS	Vallejo	Program)	
FA-8970/SG-1104	Mayport	GIDEP	NESEA
AN/FPQ-20 Video	Vallejo*	Global	San Diego
Mapper		Positioning	
FA-9334	Charleston	System (GPS)	
	San Diego	GPETE	NESEA
FA-10035 DASI	Charleston		San Diego
FACSFAC (Fleet	NESEA*		Vallejo
Air Control	Charleston	GPETE	Portsmouth
		Maintenance	

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<i>EQUIPMENTS</i>	<i>ACTIVITY</i>	<i>EQUIPMENTS</i>	<i>ACTIVITY</i>
<i>and Repair Concepts</i>			
<i>HD-251( )/UD</i>	<i>Charleston*</i>	<i>IC/T2-PAB</i>	<i>Charleston*</i>
<i>HD-732( )/UD</i>	<i>Charleston</i>	<i>ICC-2200</i>	<i>Vallejo</i>
<i>HD-848( )/UD</i>	<i>Charleston</i>	<i>ID-1649( )/UM</i>	<i>Charleston</i> <i>Mayport</i>
<i>HD-1150/UD,</i> <i>1151/UD</i>	<i>Charleston</i>	<i>ID-2083(V)/UG</i>	<i>Portsmouth*</i>
<i>HF Broadband</i> <i>Antennas</i>	<i>San Diego</i>	<i>ID-2126</i>	<i>NESEA</i>
<i>HN-9</i>	<i>See TSEC/HN-9</i>	<i>ID-2289/URN</i>	<i>Vallejo</i>
<i>HN-10</i>	<i>See TSEC/HN-10</i>	<i>ID-2384/G</i>	<i>Charleston</i>
<i>HNF-1, 2, 3</i>	<i>NAVELEXSECCEN*</i>	<i>ID-2423/F</i>	<i>Charleston</i>
<i>HNF-66/TSEC</i>	<i>NAVELEXSECCEN*</i>	<i>ID-2446/U</i>	<i>Charleston</i>
<i>HNF-81-1/TSEC</i>	<i>NAVELEXSECCEN*</i>	<i>ID-2447/U</i>	<i>Charleston</i>
<i>HNF-82-2/TSEC</i>	<i>NAVELEXSECCEN*</i>	<i>IEMATS/IEMATS/</i> <i>Alarm Panel</i>	<i>Vallejo*</i>
<i>HNR-9/TSEC</i>	<i>NAVELEXSECCEN*</i>	<i>IFF/AIMS</i>	<i>Mayport</i> <i>NESEA*</i> <i>San Diego</i> <i>Vallejo</i>
<i>HNT-9/TSEC</i>	<i>NAVELEXSECCEN*</i>		
<i>HP-260</i>	<i>Charleston*</i>		
<i>HP-2114, 2115</i>	<i>San Diego</i>	<i>IM-9( )PDIM-107</i> <i>/PDIM-135( )PD</i>	<i>Charleston</i>
<i>HP-5000, 5001</i>	<i>San Diego</i>		
<i>HP-5060A, 5061A</i>	<i>Portsmouth</i>	<i>IM-143( )PD</i>	<i>Charleston</i>
<i>HP-8580B</i>	<i>NESEA</i>	<i>IM-179( )PD</i>	<i>Charleston</i>
<i>HP-9810A</i>	<i>NESEA DET Phila</i>	<i>IM-181( )PD</i>	<i>Charleston</i>
<i>HY-5</i>	<i>See TSEC/HY-5</i>	<i>IM-231( )/PD</i>	<i>Charleston</i>
<i>HY-11</i>	<i>See TSEC/HY-11</i>	<i>IM-235( )</i>	<i>Charleston</i>
<i>HYP-2</i>	<i>NAVELEXSECCEN*</i>	<i>IM-247( )PD</i>	<i>Charleston</i>
<i>HYX-58/TSEC</i>	<i>NAVELEXSECCEN*</i>	<i>IM-249</i>	<i>Charleston</i>
<i>IC/T2-FD( )</i>	<i>Charleston*</i>	<i>IM-252/UD</i>	<i>Charleston</i>

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<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
IM-253( )PD/DT640/PD IM-255/PD	Charleston Charleston	J-4438/BRR JTIDS	Charleston Vallejo*
IM-260/PD	Charleston	KG-13	See TSEC/KG-13
IM-261/UD/DT-652 /UD	Charleston	KG-14	See TSEC/KG-14
IM-151( )/WDQ	Charleston*	KG-30 Family	See TSEC/KG-30
IM-192/WDQ	NSWC, Dahlgren/H31	KG-40	See TSEC/KG-40
Instrument Landing System	Vallejo	KG-45	See TSEC/KG-45
IP-1038	San Diego*	KG-66	See TSEC/KG-66
IP-1187, 1187A/USQ-64	Vallejo*	KG-81	See TSEC/KG-81
IP-1243/UYK	NESEA DET Phila	KG-84	See TSEC/KG-84
IS-2616/UGH	Portsmouth	KG-93	See TSEC/KG-93
ISABPS (AN/FYQ-87(V))	Vallejo*	KG-94	See TSEC/KG-94
ITT MACKAY 403A	NAVELEXSECCEN	KGV-9/TSEC	NAVELEXSECCEN
ITT 5001	San Diego*	KGV-11/TSEC	NAVELEXSECCEN
JOTS (Joint Operational Tactical System	Portsmouth* Vallejo	KIR-1A/TSEC	NAVELEXSECCEN*
J-2698/UR	Portsmouth	KIT-1A/TSEC	NAVELEXSECCEN*
J-2910/UR	Portsmouth	KL-51	Charleston
J-3385/SRC	Portsmouth*	KSR-35	NESEA DET Phila
J-4219/WSC-3	Vallejo	KW-7	See TSEC/KW-7
J-3562/UR	Portsmouth	KW-26	See TSEC/KW-26
J-3584/U	Portsmouth	KW-37	See TSEC/KW-37
J-3780/UYK	Vallejo	KW-46	See TSEC/KW-46
		KWR-37/TSEC .	Charleston NAVELEXSECCEN San Diego Vallejo
		KWR-46/TSEC	NAVELEXSECCEN*

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<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
KWT-37/TSEC	NAVELEXSECEN San Diego	LL TTY	Vallejo Charleston
KWX-8/TSEC	San Diego	LMS-11	San Diego
KWX-11/TSEC	San Diego	Low Level Keying Teletype	Portsmouth Vallejo
KY-3	See TSEC/KY-3	LS-474/U	Portsmouth
KY-8	See TSEC/KY-8	LSI-4800, 9600	Vallejo Charleston
KY-28	See TSEC/KY-28	LTN-211 Series	Vallejo*
KY-38	See TSEC/KY-38	MACS Modem	Charleston Vallejo NESEA
KY-57	See TSEC/KY-57	Mark X and XII IFF	NESEA San Diego
KY-58	See TSEC/KY-58	MAY-1	Portsmouth
KY-65, 75	See TSEC/KY-65, 75	MATCALS (Marine Air Traffic Control and Landing System)	NESEA*
KY-67	See TSEC/KY-67	MCB-31	NAVSEA DET Phila
KY-68	See TSEC/KY-68	MD-168/UX	Portsmouth*
KY-537	See TSEC/KY- 537	MD-674(P)/G	Vallejo
KYV-2, 2A/TSEC	NAVELEXSECEN	MD-775, 823	Portsmouth
KYV-5/TSEC	NAVELEXSECEN	MD-855/WRR-7	Vallejo
LAMPS Data Link	NESEA	MD-900/SSR-1	Charleston Vallejo
LAMP MARK III	NESEA	MD-905A/USC (See OM-43A/USC)	NESEA
Link 4	NEEACTS	MD-1035A	Charleston
LINK 11	Portsmouth* San Diego Vallejo NEEACTS	MD-1042/BRR-3	Charleston
LHA Comm	Portsmouth* San Diego	MD-1049/U	NESEA
LHD Comm	Portsmouth*		



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EQUIPMENTS	ACTIVITY	EQUIPMENTS	ACTIVITY
MD-1054/USQ	Vallejo	MRAALS	Vallejo*
		MRDIS	San Diego
MD-1070/FYQ-87(V)	Vallejo	MS-2	Charleston*
MD-1191/WRR-7B	Vallejo*	MT-4416/A	NAVELEXSECCEN*
ME-273/UD	Charleston*	MT-4417/S	NAVELEXSECCEN*
METCALLANT- GPETE Overflow	Portsmouth	MT-4580/U	NESEA
MIXS	Vallejo	MT-4667/U	NESEA
MK-260/U	Portsmouth	MT-4713/U	Portsmouth
MK-1097	Charleston*	MT-6068/WSC-3	Charleston
ML-661/F	Charleston	MT-6069/WSC-3	Charleston
MOD 28 Printers (All)	Portsmouth San Diego	MU-602(V)/UYK	NAVSEA DET Phila
MOD 40 Teletype	NAVELEXSECCEN Charleston	MX-MASS	Charleston*
Model 28 Series TTY	NEEACTS San Diego	MX-1743B/SRC	Portsmouth
Model 28, 32, 33 (Teletype)	NAVELEXSECCEN	MX-8430/URC-9	Portsmouth
Model 37, 40/1, 40/2, 40/8, 43	NAVELEXSECCEN	MX-8757/UPX	NESEA*
MOD 3100 (Canberra)	Charleston*	MX-8758	NESEA* San Diego
MOD 4206 (Canberra)	Charleston*	MX-8758A/UPX	NESEA*
MOD 8180 (Canberra)	Charleston*	MX-9335/UDM	Charleston*
Modem OM-43A/USC	NESEA* Vallejo	MX-9407/URC-9	Portsmouth
MPDS/FCS	San Diego*	MX-10107	Portsmouth*
		MX-10208	Portsmouth*
		MX-10342	Charleston* Vallejo NESEA
		MTX-1200	Vallejo
		Naval Reserve Installations	Charleston

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<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
NAVMACS	Charleston Mayport San Diego* NEEACTS	OA-7621/FSA-52	Charleston*
		OA-7621/(V)/FSA	Vallejo
NBST	Portsmouth	OA-7984(V)/UYK	NAVSEA DET Phila
NBSV	Portsmouth* Charleston Vallejo	OA-8908/SRC	Portsmouth
NIPS AN/SXQ-8 CCTV	NESEA*	OA-8673,4, 5, 6, 7	Portsmouth
NP-1S	Charleston*	OA-8796/SR	Portsmouth*
NT-66046	Portsmouth	OA-8796A/SR	Portsmouth*
NT-66047	Portsmouth San Diego	OA-8890/SRC	Portsmouth*
NT-66095	Portsmouth San Diego	OA-8908, 8909, 8910, 8911/SRC	Portsmouth*
NT-66131A	Portsmouth	OA-8992, 8893, 8894/FRD	NAVELEXSECEN
NT-99132A	Portsmouth	OA-9038/BRR	Charleston
NWGS	Portsmouth	OA-9043/FRD	NAVELEXSECEN
O-1331	Portsmouth	OA-9122/Sel Ant GP	Portsmouth*
O-1612	NESEA	OA-9123	Portsmouth*
O-1622	NESEA	OA-9129/SR	Portsmouth*
O-1695/U, O-1695A/U	Portsmouth	OB-87/U	Portsmouth*
O-1801( )/SRN-6 Series	Vallejo*	OD-56, 57, 58, 58a 146, 152A	Mayport NESEA*
OA-4414/F, 4414A/(V)	NAVELEXSECEN	OD-56/T, 57/T, 58/T, 59/T	Vallejo
OA-4547/USQ-34	NAVSEA DET Phila	OD-120( )/UPX	NESEA
OA-7303/URN-20 Series	Vallejo*	OD-146/T	NESEA
		OD-151/SRC	Portsmouth*
		OD-152A/T	NESEA

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<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
OD-164, 164A/SRC	Portsmouth*	OK-217/UPX	NESEA* San Diego
OE-82B, C/WSC-1(V) See Antenna Systems	Charleston Mayport NESEA* San Diego Vallejo	OK-244/SRC	Portsmouth
OE-120( ) /UPX	Portsmouth*	OK-261/BRC (Interim Depot)	Charleston*
OE-155, 156	Portsmouth	OK-278/SS	Portsmouth
OE-212, 213, 214	Portsmouth*	OK-336/SRT	Portsmouth*
OE-219/URC	Portsmouth*	OK-326/WSC-3	Charleston NESEA Vallejo*
OE-231/URC, 232/URC	Portsmouth*	OK-367/WSC-3	Charleston NESEA Vallejo*
OE-258/URN	Mayport Vallejo*	OK-454, 455	Vallejo
OE-273(V)/URN	Vallejo*	OK-454(V)/WSC	Charleston* NESEA Vallejo
OE-273/URN	Mayport Vallejo	OK-455(V)/WSC	Charleston* NESEA Vallejo
OE-305/BRR	Charleston	OK-481(V)2/FSC	Charleston* NESEA
OE-315/BRR	Charleston	OL-170(V)/UYK	NAVSEA DET Phila
OE-377/UPX	NESEA*	OL-211/T	NESEA
OG-119, 120/UR	Charleston	OL-265(V)/FSK-1(V)	NAVELEXSECCEN
OG-276, 277/URQ	Portsmouth	OL-267	NESEA*
OJ-314/FSC	Vallejo NESEA* Charleston	OM-43A/USC	NESEA* Vallejo
OJ-323(V)	Vallejo	OM-55(V)/USC	Vallejo*
OJ-333	Mayport	OMEGA Receiver R-1481/SRN-12	San Diego Vallejo*
OJ-333A/GPN	Vallejo		
OJ-488	NESEA		

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<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
ON-143 Series	Charleston Mayport Portsmouth San Diego Vallejo*	PACE	NAVELEXSECCEN
ON-143(V) 7/U	San Diego	PAX-100D	Portsmouth
ON-143(V) 8	Charleston	PDP-11 Series Minicomputers	Portsmouth
ON-172/SR	Portsmouth*	PDP-11/23	NAVELEXSECCEN
OP-94/S	Portsmouth*	PDP-11/34, 11/34A 11/35, 11/40, 11/60, 11/70	NAVELEXSECCEN
OR-137/SRC-41	Portsmouth	PHM Comm	Portsmouth*
OR-199/SR	Portsmouth*	PI-1	Charleston*
OR-209/SRQ	NESEA	Portable ESM Systems	Charleston
OR-209/SRQ-19	Charleston	PP-3494/UG, 3495/UG	Portsmouth San Diego
OR-211, 212, 216, 225	Portsmouth*	PP-4209/G	NAVELEXSECCEN
OR-269/BRR	Charleston	PP-4276( )PD	Charleston*
OR-279 (XN-1)/BRR	Charleston*	PP-6099, 6099A 6099B/APX-72	NESEA*
OSIS	Portsmouth	PP-7398/WRR-7	Vallejo*
OTCIXS	Charleston Vallejo	PP-7500/U	NESEA
OTH-T	Portsmouth	PP-8074/FSC	Charleston* NESEA
OT-109, 110, 111, 115, 119, 120, 121/SRT	Portsmouth*	Prototype Ocean Surveillance Terminal (POST)	Portsmouth*
OUTBOARD	San Diego*	PRM-5N/SPA-3	Charleston*
OW-69/US	Portsmouth	PTTI	Portsmouth
OW-79/USQ-63	Portsmouth	PT-533/USQ-88(V)	NESEA DET Phila
OW-101/FSC	Charleston* NESEA	QMS	Portsmouth* San Diego
OZ-41/SRC	Portsmouth*		

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<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
R-390	Charleston San Diego Vallejo	RD-390 RD-396	Charleston* San Diego Vallejo* Charleston
R-390/URR Series	Portsmouth San Diego	RD-396 (V)/U Series	Vallejo* Charleston
R-1051 Series	Charleston San Diego Portsmouth*	RD-397	Mayport San Diego Vallejo
R-1051/URR Series	Portsmouth* San Diego	RD-397B(V)2/U	NESEA DET Phila
R-1738/WRR (VERDIN)	Vallejo*	RD-410/FLR-15	NAVELEXSECCEN
R-1903, 1903A/UR	Portsmouth* San Diego Charleston	RD-433/SSH	Charleston Vallejo*
R-2133/FRD	NAVELEXSECCEN	RD-476 (V)/F, 477/F	NAVELEXSECCEN
R-2174	NAVELEXSECCEN	RTF/EMI/E <sup>3</sup>	Charleston*
R-2320/URR	Charleston*	RF-601A	Portsmouth
R-2411/R, 2412/R	Charleston	RM-3C	Charleston*
RATCF-DAIR (AN/TPX-42A(V)10)	NESEA*	RO-280/UYK	NESEA DET Phila
RBO	Portsmouth	ROF	Vallejo
RD-294(V)/UYK	NESEA DET Phila	ROTHR	Portsmouth
RD-350A/URC	Vallejo*	RSSPS (Remote Sensor System for Physical Security)	Charleston
RD-358(V)/UYK	NESEA DET Phila	RSSPS Assessment Systems	NESEA
RD-379 Series	NESEA* Vallejo	RT-859A/APX-72	NESEA*
RD-379(V)/UNH	Charleston San Diego Vallejo	RT-1107/WSC-3 LOS	NEEACTS
RD-379A/UNH	San Diego	SA-734/SG	Portsmouth
		SA-770-UR	Portsmouth
		SA-1426/U, 1499/U	Portsmouth

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<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
SA-1551	San Diego	SB-1203, 1203A, 1210	Portsmouth
SA-1711A/UR	Portsmouth	SB-1299	NESEA DET Phila
SA-1712A/UR	Portsmouth San Diego	SB-2244	Portsmouth
SA-1807/UPA-61	NESEA*	SB-2405/UG	Portsmouth
SA-1997/U	Portsmouth	SB-2727, 2727/SRR	Portsmouth
SA-2076/URQ	Portsmouth*	SB-2744/U	Portsmouth*
SA-2111/SRC	Portsmouth	SB-2863/SRR	Portsmouth
SA-2112(V)/STQ Red Audio	Portsmouth*	SB-3092	San Diego
SA-2182/WSC-3	Vallejo	SB-3195/U	Portsmouth*
SA-2185/SRR	Portsmouth	SB-3266/U	Portsmouth
SA-2345, 2346	Portsmouth*	SB-3272( )/F, 3273( )/F	Charleston
SA-2423(V)/U	Portsmouth	SB-3333/U	Portsmouth
SA-2424/W	Charleston*	SB-3372/U	Portsmouth
SA-2254/UR	Portsmouth	SB-3576/UG	Portsmouth
SA-22083/UG	Portsmouth*	SB-3686/UG	Mayport
SAMPD (See AN/USQ-69)	Charleston	SB-3776/UG	Portsmouth
SAS	Portsmouth* NEEACTS	SB-3833/URQ	Portsmouth*
SAS Training	NESEA	SB-3846/UG	Portsmouth*
SB-82/SRR	Portsmouth	SB-3916/BRT	Charleston*
SB-83/SRT	Portsmouth	SB-3917/BGC	Charleston* Vallejo
SB-315/U	Portsmouth	SB-3918/BRR	Charleston*
SB-863, 988, 1039/SRT	Portsmouth	SB-3959/BGC	Charleston*
		SB-4034/UG	Portsmouth

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<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
SB-4035/UG SB-4124/WSC	Portsmouth Charleston* NESEA Vallejo	SG-993/UPX	NESEA*
SB-4179/FSC	Charleston* NESEA	SG-1066	NESEA*
SB-4180/FSC	Charleston* NESEA	Shipboard Meterological and Oceanographic Cbsering System (SMOOS)	Vallejo*
SB-4182/FSC	Charleston* NESEA	Shipboard Tactical Secure Voice Systems (NESTOR Systems) (VINSON) (PARKHILL) (ANDVT)	Portsmouth*
SB-4248/FSC	Charleston* NESEA	Ship Signal Exploitation Space (SSES)	Charleston
SB-4249/FSC	Charleston* NESEA	Single DAMA	Vallejo
SB-4317/FSC	Charleston* NESEA	SN-394/G	NAVELEXSECCEN Portsmouth
SB-XXXX/WRR-XX	Vallejo*	SN-501/UPX	NESEA*
SEA NYMPH	See AN/WLQ-4	SN-532/FYQ-87(V)	Vallejo
Secure Voice (INBSV) (C-7554) (C-7594) ((NBST) (SAS) (ASAS) (ALCEP) (STU II) (STU II (M))	Portsmouth*	SOSUS (Sound and Surveillance System)	NESEA*
Secure Voice (INBSV) (STEAM VALVE) (AN/FYC-9 (V)) C-7554) (C-7594) (NBST)	NESEA Portsmouth	SSE I	Charleston*
Secure Voice (Romeo 8) (STEAM VALVE) CV-3333)	NESEA	SSIXS Shore	Charleston Vallejo*
Secure Voice (CV-3333)	Portsmouth* Charleston	SSIXS Subscriber	Vallejo*
SG-841/UPX	NESEA*	STU III	NAVELEXSECCEN*
		Submarine EW (Passive All Misc)	Portsmouth San Diego
		SX-200	Vallejo

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<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
SSN AFSATCOM	Charleston	TD-937, 937A 937B/SPX	NESEA*
SURTASS	Vallejo	TD-1271B/U	Charleston Vallejo NESEA
Systems Effectiveness	NESEA	TD-1286/FYQ(V)	Vallejo*
T-616B/SRT	Charleston*	Teletector 6112	Charleston*
T-827H	San Diego*	Teletype, MOD 28	Portsmouth San Diego
T-1322/SRC	San Diego	TEMPEST	Mayport NAVELEXSECEN Portsmouth San Diego Vallejo
T-1322A/SRC	Portsmouth San Diego Charleston	Test Point Unit (TPU)	Portsmouth
TA-684G	NAVELEXSECEN	TEXAS Systems	Portsmouth
TA-790/U, 814/G, 840/G	Portsmouth	TF-1A	Charleston*
TA-970/U, 980/U	Portsmouth	TFCC (Tactical Flag Command Center)	Portsmouth*
TACAN	Vallejo*	TII-Mod 102/ MC-101	NAVELEXSECEN
TACINTEL Shore (TLCF)	Vallejo*	TIMS (TFCC Information Management System)	Portsmouth* Vallejo
TACINTEL Subscriber	Vallejo*	TN-342, 342/WRT-2	San Diego
TADIXS	Vallejo* Charleston	TN-345	San Diego
TD-901/U	NAVELEXSECEN	TS-1189( )/PD	Charleston*
TD-918( )/F	Charleston	TS-1216( )/PD	Charleston*
TD-937( )	NESEA*	TS-1843( )	NESEA*
TD-1063/SRR-1	Vallejo Charleston		
TD-1066	San Diego		
TD-1150/USC	Vallejo		
TD-1194(V)/UYK	NESEA DET Phila		



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<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
TS-4120/SRQ-4 TS-4148/U	NESEA* NESEA	TSEC/KG-40	NAVELEXSECCEN* San Diego Vallejo
TS-4151/URM	Vallejo	TSEC/KG-66, KG-81	NAVELEXSECCEN*
TS-4227/U	NESEA	TSEC/KG-84	Charleston NAVELEXSECCEN* NEEACTS San Diego Vallejo
TSC-126	NESEA*	TSEC/KG-84A	San Diego Vallejo
TSEC/HN-9, 10	NAVELEXSECCEN* San Diego	TSEC/KG-93, 94	NAVELEXSECCEN* San Diego
TSEC/HY-2	NAVELEXSECCEN* Portsmouth San Diego Vallejo	TSEC/KL-51	Charleston NAVELEXSECCEN*
TSEC/HY-5	NAVELEXSECCEN* San Diego	TSEC/KW-7	Charleston NAVELEXSECCEN* NEEACTS Portsmouth San Diego
TSEC/HY-11	NAVELEXSECCEN* Portsmouth San Diego	TSEC/KW-26	NAVELEXSECCEN* Portsmouth San Diego
TSEC/KG-13	NAVELEXSECCEN* Portsmouth San Diego Vallejo	TSEC/KW-37	NAVELEXSECCEN NEEACTS San Diego
TSEC/KG-14	NAVELEXSECCEN* San Diego NEEACTS	TSEC/KW-46	Charleston NAVELEXSECCEN* NEEACTS San Diego
TSEC/KG-30 Family	Charleston NAVELEXSECCEN* San Diego Vallejo	TSEC/KY-3	NAVELEXSECCEN* Portsmouth San Diego
TSEC/KG-34	Portsmouth Vallejo	TSEC/KY-8	Charleston NAVELEXSECCEN* NEEACTS Portsmouth San Diego
TSEC/KG-35	NAVELEXSECCEN*		
TSEC/KG-36	NAVELEXSECCEN* Portsmouth San Diego Vallejo NEEACTS		

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<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
TSEC/KY-28	NAVELEXSECCEN* Portsmouth San Diego	TT-187	NAVELEXSECCEN
TSEC/KY-38, KY-57	NAVELEXSECCEN* San Diego Vallejo	TT-187/UG, 187C/UG	Portsmouth
TSEC/KY-58	Charleston NAVELEXSECCEN* NEEACTS Portsmouth San Diego Vallejo	TT-192	NAVELEXSECCEN
TSEC/KY-65	NAVELEXSECCEN* Portsmouth San Diego	TT-192, 192A, 192C/UG	Portsmouth
TSEC/KY-67	NAVELEXSECCEN*	TT-234/SGA-3	Portsmouth
TSEC/KY-68	NAVELEXSECCEN	TT-253	NAVELEXSECCEN Portsmouth
TSEC/KY-71, 72	Portsmouth	TT-253A, B, C, D	Portsmouth
TSEC/KY-75	Charleston NAVELEXSECCEN* NEEACTS San Diego	TT-261/UG Series	Portsmouth
TSEC/KY-537	San Diego	TT-273, 274 Series	Portsmouth
TSEC/LG-45	NESEA	TT-275/UG Series	Portsmouth
TT-47 (All)	NAVELEXSECCEN	TT-283/UG Series	Portsmouth
TT-47C/UG	Portsmouth	TT-306, 307, 308 309, 310	NAVELEXSECCEN
TT-128/UG, 129/UG 130/UG, 131/UG Series	Portsmouth	TT-321A/UG	Portsmouth
TT-171	NAVELEXSECCEN	TT-331, 332	NAVELEXSECCEN
TT-171/UG Series	Portsmouth	TT-533/UG	Portsmouth
TT-176	NAVELEXSECCEN	TT-570, 571 603, 605	NAVELEXSECCEN
TT-176C/UG	Portsmouth	TT-570/UG, 571/UG 603/UG, 605/UG	Portsmouth
		TT-614(V)/UG	Charleston
		TT-624	Mayport Portsmouth San Diego Charleston

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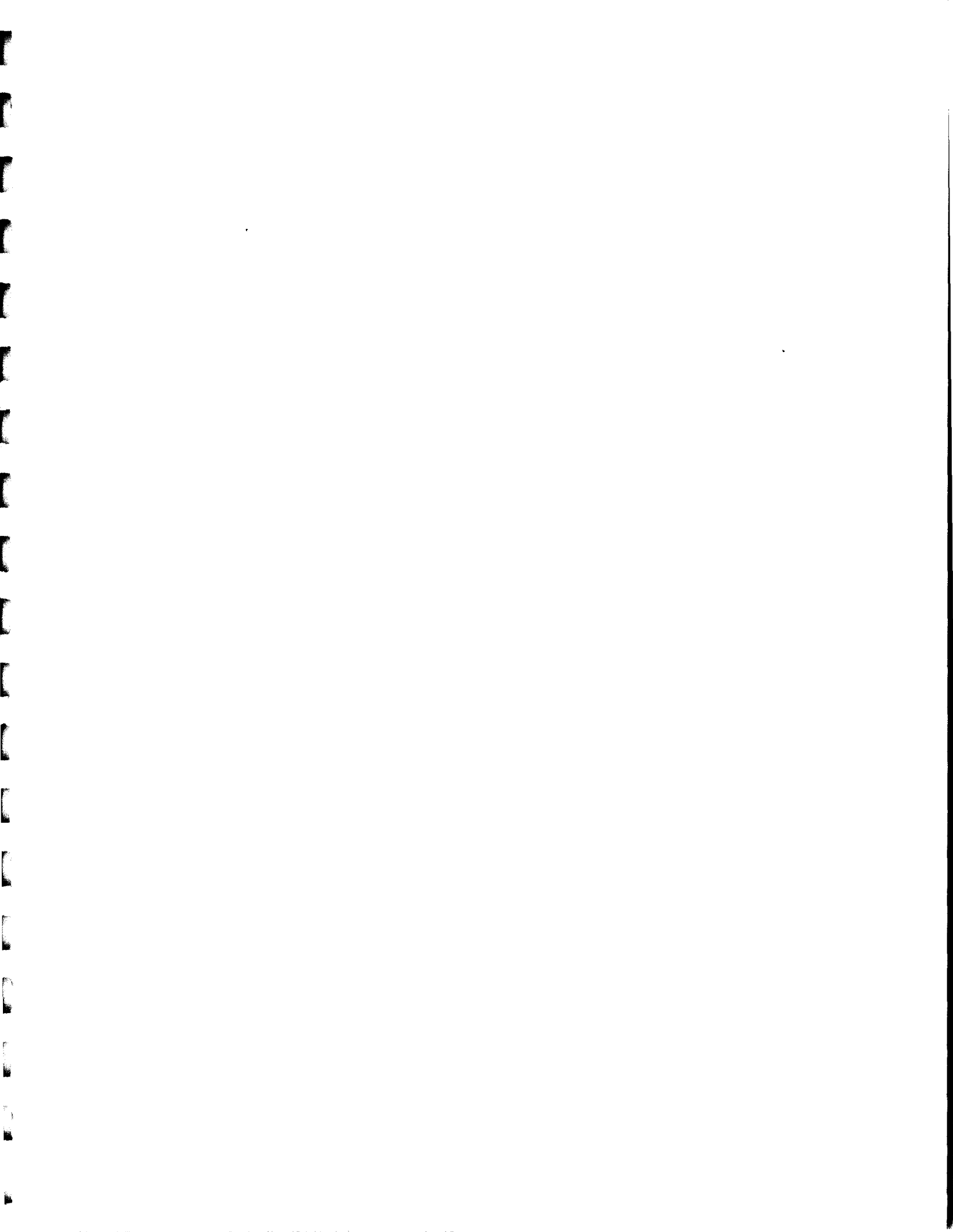
<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
TT-624(V)2/UG	NESEA DET Phila San Diego Charleston	VINSON Subscriber Logic Unit (VSLU)	Portsmouth
TT-624(V)5	Charleston San Diego	VINSON Trunk Logic Unit (VTLU)	Portsmouth
TT-624(V)/UG	Mayport San Diego Vallejo Charleston	VINSON Augmentation Package (Mini-VAP) (Half-VAP)	Portsmouth
TT-624A(V)8/UG	NESEA DET Phila San Diego Charleston*	VT-100	NAVELEXSECEN
TT-625	San Diego	WALBURN (CI-3)	NAVELEXSECEN
TT-1322, 1322A/SRC	Portsmouth	WECO-201C	Vallejo
TT-5155 (AS-27A, 27B)	NESEA DET Phila	WECO-207	Portsmouth
TV-8 (VOR)	Vallejo	WESCOM SS-1A	Charleston
UK/URC-613	Portsmouth	WILCOX 485 (VOR), 585 (VOR)	Mayport Vallejo
UNIVAC 1004	Portsmouth	WILCOX 80713	Vallejo
USC/38 NESP	Charleston	WWMCCS Comm and AWSCCCS Comm (CAU (AN/UYK-22)) (Stelma Line Dr), (CRYPTO Control Unit), (CODEX Modems), (CODEX and Timeplex Multiplexers), (TTY Model 37)	Portsmouth Vallejo
USCD AN/SYQ-7(V)2	Charleston	WUJ Box	Vallejo
VADIC 1230	Vallejo	Xerox 72A Printer/Plotter	NESEA DET Phila
VERDIN (AN/URC-62)	Vallejo*	Xerox Model 210A Video Controller	NESEA DET Phila
Vindicator Systems SMS-2000M, MX-82M	Charleston	ZVM-133T (AS-27A/AS-27B)	NESEA DET Phila
VINSON Adapter Unit	Portsmouth	Z-184 (APPS)	NESEA DET Phila
VINSON Operator Control Unit (VOCU)	Portsmouth		
VINSON Phone Unit (VOC)	Portsmouth		

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<u>EQUIPMENTS</u>	<u>ACTIVITY</u>	<u>EQUIPMENTS</u>	<u>ACTIVITY</u>
Z-150T (AS-27A)	NESEA DET Phila		
Z-200T (AS-27A/AS-27B)	NESEA DET Phila		
Z-248-50 (FULCRUM/NIPS)	NESEA DET Phila		
35 PLUS, RADIAC	Charleston*		
440 Victoreen Ratemeter/Probe	Charleston*		
470 Victoreen Ratemeter/Probe	Charleston*		
570 Victoreen Ratemeter/Probe	Charleston*		
700167 (Eberline) Air Sample	Charleston*		

**TECHNICAL  
ASSISTANCE  
POINTS OF  
CONTACT**

**BY ACTIVITY**



CAPABILITY LIST OF  
ENGINEERING TECHNICAL SERVICES  
AVAILABLE AT  
NAVELEXSYSENGACT, ST. INIGOES, MD

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

NESEA Switchboard - Commercial  
301-872-5173  
301-863-3512  
301-870-2600 (D. C. Line)

Mr. Preston Hopkins  
Fleet Liaison Office  
Commercial: 301-862-8002  
Autovon: 356-3512 X8002  
FTS 923-8002

IDS/IFF

Code 2110, X8100/6164

AIMS MARK XII  
AN/APM-424 Transponder Tester  
AN/APX-64 Interrogator Set  
AN/APX-72  
AN/TPM-32, 35, 36 Test Set  
AN/TPX-42(V) Interrogator Set  
AN/UPA-24 Decoder Group  
AN/UPA-33 Coder Group  
AN/UPA-57 Antenna Pedestal Group  
AN/UPA-59, 59A Decoder Groups  
AN/UPX-70, 70A  
AN/UPM-98 Radar Test Set  
AN/UPM-99  
AN/UPM-136 Transponder Set Test Set  
AN/UPM-137A Radar Test Set  
AN/UPM-149, 150  
AN/UPX-11, 12, 12A, 12B, 17  
AN/UPX-23, 24, 25(V) Interrogator Set  
AN/UPX-26 Transponder Set  
AN/UPX-27 Interrogator Set  
AN/UPX-28(V) Transponder Set  
AN/UPX-29 Interrogator  
AN/UPX-30  
AN/USC-38(V)3  
AN/USM-422, 465 Tester  
AN/UYX-1 (XN-1)(V) Bright Radar Alphanumeric Display System (BRANDS)  
AS-177, 2188, 2189, 2787 Antennas  
AS-3430 Antenna  
CATCC DAIR (AN/TPX-42A(V)8)  
Consolidated Automatic Support System (CASS)  
ID-2126/U Time Code Reader  
OD-57/T, 58/T Indicator Group  
NOTE: OD-57 & 58 are parts of AN/TPX-42A(V)5

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

OD-146/T, 152/T Indicator Group  
Mark X and XII IFF AIMS  
OE-120( )/UPX Antenna Group  
OJ-314 Communications control  
RATCF-DAIR (AN/TFX-42A(V)10)  
RD-379A/UNH Recorder  
RT-859A/APX-72 Receiver-Transmitter Radio  
SG-841/UDX  
SG-993, 1066/UPX Pulse Generator  
SN-501 Video Synchronizer  
TD-937( ) Electronic Gate  
TD-1043( ) Interconnecting Circuitry Test Set  
TS-1843 A, B, C Transponder In-Line Tester

SYSTEMS INTEGRATION & TEST

ANDVT (Advanced Narrowband Digital Voice Terminal) Code 2240 X8810/8423  
AEGIS EXCOMM (ISEA)  
SAS/Training  
Secure Voice

TEST EQUIPMENT/DATA LINK/SATELLITE

AN/FSQ-131 Satellite Signal Analyzer Code 2260, X8929/6001  
AN/GSC-39 SHF SATCOM Terminal  
AN/SRQ-4 LAMPS Data Link  
AN/SSR-1 Satellite Signal Receiving Set  
AN/TSC-96 Radio Central  
AN/WSC-3 Satellite Communication Set  
AN/WSC-5(V) Satellite Communications Set  
AN/WSC-6 SHF SATCOM Terminal  
AS-3274/SRQ Directional Antenna Assembly  
AS/3275/SRQ Omni Antenna  
C-10425/SRQ Antenna Control Monitor  
Environmental Characteristics  
CW-1184/SRQ Antenna Control Monitor  
FLTSATCOM Spectrum Monitor System  
Foreign Material Program  
General Purpose Electronic Test Equipment (GPETE)  
Government/Industry Data Exchange Program (GIDEP)  
HP-8580B Automated Spectrum Analyzer  
KY-585 Secure Voice Vocoder  
LAMPS MARK III  
MD-1049/U Digital Data Modem  
OK-326/WSC-3 Satellite Communications Group  
OE-82B/WSC-1(V) Antenna Group  
OE-82C/WSC-1 Antenna Group  
OK-367/WSC-3 Satellite Communications Group  
OK-454(V)/WSC Single DAMA Control and Monitor Group  
OK-455(V)/WSC Dual DAMA Control and Monitor Group  
OK-481(V)/FSC Control Monitor Group  
(Shore DAMA)



EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

OM-43A/USC Satellite Communications Modem Group  
OM-55 Modem Group  
ON-143/USC Interconnecting Group  
OR-209/SRQ RT Processor Group  
Satellite Signal Analyzer (SSA)  
Shore Test Equipment Allowance Program (SEAP)  
TD-1271B/U Multiplexer (DAMA)  
Workmanship Screen

AIR TRAFFIC CONTROL

Code 2120, X8302/8300

AN/FYK-17 FACSFAC  
AN/FYK-23 FACSKED  
AN/SPN-6 Radar Set  
AN/SPN-35, 35A Radar Sets  
AN/SPN-41 Aircraft Approach Control Transmitting Set  
AN/SPN-42A Landing Control Central  
AN/SPN-42T4 Landing Control Central (Shore)  
AN/SPN-43, 43A, 43B, 44 Radar Sets  
AN/SPN-46(V) ACLS  
AN/TPN-22, 30 Radar Set  
AN/TPS-65 Radar Set  
AN/TRC-97 Radio Set  
AN/TRN-28 Aircraft Approach Control Transmitting Set  
AN/TSQ-107 Radar Set  
AN/TSQ-131 Control and Central Subsystem  
AN/UPM-119 Radar Test Set  
AN/UYQ-34 Multi-Mode Display  
CP-848/UYK Digital Data Computer  
CV-3682/UPX Radar Beacon Digitizer (RBD)  
FACSFAC (Fleet Area Control & Surveillance Facility)  
FACSKED (FACSFAC Scheduler)  
FACTS (FACSFAC Air Control Tracking System)  
MATCALS (Marine Air Traffic Control & Landing System)  
OJ-488 FACTS Display Console  
OJ-528/529 FACSKED Display Console  
TS-3098/SPN Radar Test Facility  
TS-4176/UPM Radar Test Set

SPECIAL PROJECTS

Code 2130, X8059/6130

AN/FXQ-5  
AN/SXQ-8(V) Television System  
AN/USC-13, 14 Communication Assembly (TACAMO)  
AN/WXQ-4 CCTV System  
CCTV (Closed Circuit TeleVision)  
DIPS (Digital Image Processing & Storage)  
E<sup>3</sup> Site Surveys  
E<sup>3</sup> Review and Analysis  
Electromagnetic Compatibility Testing Standards  
Electronic Systems Safety  
EMI (Electromagnetic Interference Compatibility)  
EMI Instrumentation Program (formerly CREAM)

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

ESS (Electronic Security Systems) Assessment Systems  
Fleet Imagery Support Terminal (FIST)  
General Surveillance (Assessment Ashore & Afloat)  
IDSS (Intrusion Detection Security System)  
NIPS AN/SXQ-8 CCTV  
O-1612/O-1622 Frequency Time Standard  
RADHAZ (Radiation Hazard) Instrumentation  
RSSPS (Remote Sensor System for Physical Security)  
Assessment System  
Transline Analyzer 5220-M

COMMUNICATIONS/TACTICAL SYSTEMS

Code 2250, X8056/8027

AN/GRC-171, 175 Radio Set  
AN/MSC-71  
AN/URC-85 Radio Set  
AN/URC-93(V) Radio Set  
AN/USH-26 Magnetic Tape Unit (ISEA)  
AN/USQ-69 Terminal/Console (ISEA)  
AN/UYK-20 Data Processing Set (ISEA)  
AN/UYK-44 (ISEA)  
DRAMA (Digital Radio and Multiplexer Acquisition)  
OL-267(V)/UYK Data Terminal Group  
SG-841/UPX Pulse Generator  
SOSUS (Sound & Surveillance System)  
SURTASS

ENGINEERING

Code 2000, X8168/8879

ILS/QA  
System Effectiveness

NAVY COMMAND & CONTROL SYSTEMS

Code 2170, X8709/8700

ASWOC  
ADP Subsystem  
Analysis Subsystems  
Display Subsystem  
ASWOC (Anti-Sub Warfare Operations Center)  
ASWOC Data Link Simulator  
ASWOC FTA (Fast Time Analyzer)  
ATOS (ASWOC Tape Operations System)  
DMTI (Digital Magnetic Tape Interface)  
FHLT (Fleet High Level Terminal)  
OSIS (Ocean Surveillance Information System)

CAPABILITY LIST OF  
ENGINEERING TECHNICAL SERVICES  
AVAILABLE AT  
NAVELEXSYSENGACT DET PHILADELPHIA, PA

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

D.J. Rozanski  
Commercial: 215-897-5882  
Autovon: 443-5882

Systems

AN/SSQ-64	LCC Naval Intelligence Processing Systems (NIPS)
AN/SYQ-9(V)	CV/CVN Naval Intelligence Processing System (NIPS)
AN/USQ-34(V)	CV/CVN Naval Intelligence Processing Systems (NIPS)
AN/UYK-31	Analytical Photogrammetric Positioning System
AN/UYK-48	Analytical Photogrammetric Positioning System
AS-27A	Photographic Film Viewing Modular Image Interpretation System

Computers

AN/UYK-7(V)  
AN/UYK-20(V)  
AN/UYK-44(V)  
CP-642B/USQ-20(V) Digital Data Computer  
HP-9825A Calculator (AN/UYK-48)  
Z-150T PC (AS-27A)  
Z-200T PC (AS-27A/AS-27B)  
Z-184 PC (APPS)  
Z-248-50 (FULCRUM)

Magnetic Tape Units

AN/USH-26(V) Recorder Reproducer Set  
HP-9865A Cassette Memory (AN/UYK-48)  
RD-358(V)/UYK Digital Magnetic Tape Recorder-Reproducer  
RD-358A(V)/UYK Digital Magnetic Tape Recorder-Reproducer  
6415-02 Raymond Tape Cassette (AS-27A)

Discs

AN/UYH-2 Disc Memory Set

Printers

PT-533/USQ-88(V) Printer-Plotter  
TT-624(V)UG Teleprinter  
Xerox 72A Printer/Plotter  
TT-5155 Printer (AS-27A/AS-27B)  
Brother Printer (APPS)

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

D. J. Rozanski  
Commercial : 215-897-5882  
Autovon: 443-5882

Miscellaneous

AN/UYQ-23(V) Computer Display Set  
An/UYQ-23A(V) Computer Display Set  
AR-155A Viewer/Printer  
IP-1243/UYK Digital Display Indicator  
MCB-31 Interface Box  
MU 602(V)/UYK Core Memory Unit  
OL-170(V)/UYK Data Display Group  
RD-397B/V(2)U Paper Tape Reader/Punch  
TD-1194/UYK Multiplexer Controller  
Xerox Model 210A Video Controller  
ZVM-133T CGA Monitor (AS-27A/AS-27B)  
FULCRUM Workstation (NIPS)

consists of:

Z-248 Computer  
LPD 2000-1 Sony Video Disk Player  
CDU-7101 Sony Compact Disk Player  
1271-Q Sony Monitor  
PVM-1390 Sony Monitor  
TQ-2026F Panasonic Optical Disk Recorder  
DXC-101 Sony Video Camera  
LP-4000 Ioline Plotter

CAPABILITY LIST OF  
ENGINEERING TECHNICAL SERVICES  
AVAILABLE AT  
NAVELEXCEN, CHARLESTON, SC

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

LCDR Steve Martin  
LT Mike Klooster  
Commercial: 803-745-4620  
Autovon: 563-2038 Ext 4620  
24 Hour Telephone:  
Commercial: 803-745-4620  
Autovon: 563-2038 Ext 4620

Shore Air Traffic Control Systems (TMA)

AIR TO GROUND RADIOS

AN/GRC-171, 211  
AN/GRR-23, 24  
AN/GRT-21, 22  
AN/URC-101

COMMUNICATIONS CONTROL SYSTEMS

AN/FSA-47, 52, 57, 58  
OA-7621  
OJ-314/FSC

WIND, CLOCK AND ALTIMETER

AM-6181( )/UM  
C-7826/F  
FA-10035 DASI  
ID-1649( )/UM  
ID-2446/U  
ID-2447( )/U  
ID-2384/G  
ML-661/F  
SB-3272( )/F  
SB-3273( )/F  
SG-1064/U  
TD-918A/F

RECORDERS

RD-379, 390  
RP-213, 214

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

Shore Air Traffic Control Systems (TMA) (continued)

Radar and IFF

AN/FPN-47 (ASR-5)  
AN/FPQ-20  
AN/GPA-106, 107  
AN/GPN-12 (ASR-7)  
AN/GPN-27 (ASR-8)  
AN/UPX-23, 27  
AN/UYX-1(V) (BRANDS)  
BRITE II  
BRITE IV

Miscellaneous ATC Equipment

AN/FAC-6(V) Fiber Optic System  
AN/FSC-104(V)1  
FA-9334  
FDEP  
FDIO

Remote Sensor Systems for Physical Security (TMA)

AN/FIQ-I(V) PA System  
AN/FSS-9(V) (J-SIIDS)  
AN/FSS-IO(V) (NBAS Annunciator)  
AN/FSS-12(V) (SMS-2000M + Microplex-82M)  
AN/FSS-13(VX) (IDM-64 Readout Display)  
AN/FSS-14(V) (Intertiaguard Fence Sensor)  
AN/FSS-15(V) (Circumferential Grid System)  
AN/FSS-16(V) (Infrared Sensor System)  
AN/FTQ-2(V) UNICOM MODI PABX  
AN/FTQ-3(V) WESCOM 400 Hotline  
AN/GSS-26(A) MAID/MILES  
AN/GSS-33 RACON  
AN/GSS-37 RACON  
DTR-2000 TAUT Wire IPS  
Ord Comm  
Seafarer  
SRT Installation  
TEMPEST/RFI/EMI/E3

GPETE Calibration and Repair

Shipboard Calibration Policies  
FCA Program

Naval Reserve Installations

Classic Buoyant  
Shipboard Simulator

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

NEATS

RADIAC

Radiac Calibration and Repair  
South East/Central US, Caribbean, Panama and Bermuda

DOSIMETERS

IM-9( )/PDIM-107/PDIM-135( )/PD  
IM-143( )PD  
IM-181( )/PD  
IM-235( )  
AN/PRD-1B  
DT-60( )/PD  
DT-518/PD  
DT-526/PD  
DT-583/PD

SURVEY METERS

AN-PDR-18( )  
AN/PDR-27( )  
AN/PDR-66( )  
CDV-700  
E-140N  
E-510N  
E-530N  
AN/PDR-54  
AN/PDR-56( )  
AN/PDR-60  
AN/PDR-70  
NP-1S  
AN/PDR-43( )  
AN/PDR-45( )  
AN/PDR-63  
AN/PDR-65  
AN/PDR-68  
CDV-715  
IM-179/PD  
Telector 6112  
IM-247( )/PD  
IM-253( )/PD/DT 640/PD  
IM-260/PD  
DT/PDR-56

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

CALIBRATORS

AN/UDM-1A  
AN/UDM-3  
AN/UDM-5  
AN/UDM-7( )  
AN/UDM-8  
AN/UDM-10  
CL-1  
ME-273/UD  
MX-9335/UDM  
TS-1189( )/PD  
TS-1216( )A/UD  
MK-1097

CHARGERS AND READERS

CP-1112/PD  
PP-4276( )/PD  
CP-95/PD

SCALERS

CP-792( )/UD  
MS-2

AIR SAMPLER/PARTICLE DETECTORS

HD-251( )/UD  
HD-732( )/UD  
HD-848( )/UD  
HD-1150 /UD  
HD-1151/UD  
HD-151( )/WDQ  
IM-255/PD  
TF-1A  
700187 (Eberline)

SPECTROMETERS

Mod 3100 (Canberra)  
Mod 4206 (Canberra)  
Mod 8180 (Canberra)  
IM-252/UD



EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

MISCELLANEOUS RADIAC

AN/PDR-73  
AN/PDR-74  
BZ-216/UD  
CR-054-900-500S  
GA-2A  
GA-2TO  
IC/T2-FD( )  
IC/T2-PAB  
AN/WSQ-3  
IM-261/UD/DT-652/UD  
MX-MASS  
PI-1  
35 PLUS

SPECIAL PURPOSE RATEMETERS AND PROBES

IM-249  
CRM-592/GP-595  
DT-304  
E-130  
HP-260  
IM-231( )/PD  
PRM-5N/SPA-3  
RM-3C  
440 Victoreen  
470 Victoreen  
570 Victoreen

EMI/ECM/E<sup>3</sup> Program

ORDCOM

SHORE TELECOMMUNICATIONS AUTOMATION PROGRAM

LDMX/RIXT/SRT Systems

SUBMARINE COMMUNICATIONS

AN/ARC-164  
AN/BRR-3  
AN/BRT-6  
AN/TNH-20, 21  
AN/UGC-136AX  
AN/URC-94  
AN/URR-74  
AN/USC-38(V) 1,2,3  
AN/USQ-101(V)4  
AN/WRR-3/CV-1396/RA-16  
AN/WSC-3(V)2, 9, 16, 18

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

CV-1441A/BRR  
CV-2197/BRR  
CV-2364/BRR  
CV-3333  
MD-1210  
OA-9038/RR  
OE-315/RR  
OK-261A/BRC  
ON-143 Series  
OR-279/BRR  
R-2320/URR  
SA-2424/W  
SB-3916/BRT  
SB-3917/BGC  
SB-3918/BRR  
SB-3959/BG  
SSIXS  
T-616B/SRT  
TSEC/KG-30  
TSEC/KGR-96  
TSEC/KW-7,46  
TSEC/KWR-37  
TSEC/KY-58  
TSEC/KY-75  
TT-624(V)5  
USCD AN/SYQ-7(V)2

CRYPTOLOGIC & SURVEILLANCE SYSTEMS

AN/SSQ-80  
SSES  
AN/FLQ-5 (CFT)

SHIPBOARD SATELLITE COMMUNICATIONS

AM-7371  
AN/SGC-9,11  
AN/SRR-1, 1A(V)  
AN/SYQ-7(V), 7(V)2, 7(V)3, 7(V)5  
AN/UCC-1 Series  
AN/UGC-136BX  
AN/USC-38 (NESP)  
AN/USQ-64  
AN/USQ-69(V)  
AN/USQ-101 (TRE)  
AN/UYK-20X(V)  
AN/WSC-3, 3A,3(V)2, 3, 15, 16, 17, 18, 3A(V)2,3  
CV-3233, 3333  
MD-900A, 1210  
MX-18283  
Model 40 Teletypes  
OE-82B/WSC-1(V)  
OE-82C/WSC-1(V)  
OK-326/WSC-3

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

SHIPBOARD SATELLITE COMMUNICATIONS (CONT)

OK-367/WSC-3  
OK-454(V)/WSC-3 (Single DAMA)  
OK-455(V)/WSC-3 (Dual DAMA)  
ON-143(V)8  
RD-397(V)  
RD-433/SSH  
SAMPD  
TD-1271, 1271B  
TSEC/KG-30  
TSEC/KG-84  
TSEC/KGR-96  
TSEC/KY-58  
TSEC/KY-75  
TT-624(V)  
USCG AN/SYQ-7(V)2

SHORE BASED CRYPTO

All Shore Based Crypto

EMS SYSTEMS

AN/MRQ-10 NOMAD  
AN/SLR-16 MOD  
AN/SRD-19/19A  
AN/SRS-1 Combat D.F.  
AN/SSQ-80  
AN/SYQ-8  
AN/ULQ-16  
Portable EMS Systems  
SSES I

CAPABILITY LIST OF  
ENGINEERING TECHNICAL SERVICES  
AVAILABLE AT  
NAVELEXCEN PORTSMOUTH VA

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

LT Valerie Hockgraver  
Fleet Liaison Officer  
ETC Joe Trombino, Assistant  
(24 Hour Phone):  
Commercial: 804-396-0162/3/4  
Autovon: 961-0162/3/4

Glenn Manning  
Asst Fleet Liaison Officer  
(Located at MOTU TWO)  
Commercial: 804-444-7811  
Autovon: 564-7811

Command and Control

Mr. George Martin, Code 410  
Commercial: 804-396-7172

OSIS (Ocean Surveillance Information System)  
DEC PDP-11/70  
TEKTRONIC 4014-1, T618  
Wang 5526, 5536  
OIS 140/COMMUNICATION I/F

Autovon: 961-7172

WWMCCS (World-Wide Military Command and  
Control System)  
(CODEX)  
4800 MODEM  
LSI 9600 MODEM  
MUX 980  
ACQMS

STT (Shore Targeting Terminal)  
AN/USQ-81(V)  
ON-143(V)6  
CODEX LSI-9600  
DSD

TFCC (Tactical Flag Command Center)  
SWABS 411  
LS-537A/UYA-4  
LS-654/UYQ-21(V)

SWABS 418  
OJ-557(V)1/USQ-88(V)  
OJ-557(V)2/USQ-88(V)  
OJ-557(V)3/USQ-88(V)  
CV-3814/USQ-88(V)  
J-4094, 4095/USQ-88(V)  
P/N 64-P03256Y001  
PT-525/UYQ-21(V)  
QA-9154(V)1/USQ-88(V)  
QA-9154(V)2/USQ-B8(V)

Mr. George Martin, Code 410  
Commercial: 804-396-7172  
Autovon: 961-7172

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

TFCC (CONT'D)

QA-9154(V)3/USQ-88(V)  
QA-9154(V)4/USQ-88(V)  
OL-351/USQ-88(V)  
AN/SXQ-8 (TFCC)  
P/N 01-P03606Y  
RFI  
AN/UYH-3(V)  
TS-3923/U  
PVM-1270Q

NWGS (Naval Wargaming System)  
Sanders ICCU 7709  
CODEX MUX 980  
TSP Digitizer 2000  
Data Products CAU 2200  
CODEX Modem LSI 9600  
Honeywell ANDU VIP 7802 W/KYBD  
Sanders G7 Keyboard 5784  
Sanders Trackball 5786  
Sanders Hard Copy 770  
Sanders G7 Display 740  
Sanders G7 Display HVPS  
Teletype Teletypewriter Set AN/UGC-20  
Teletype Teleprinter Set AN/URG-9  
Unidyne Audio Amplifier AM-8/FIQ  
Unidyne Control Indicator CI-8/FIQ

SECURITY GROUP

SECGRU Technical Control Equipment  
Low Level Technical Control Equipment  
Model 28 Teletype

Mr. Clyde Stephens, Code 430  
Commercial: 804-396-3493  
Autovon: 961-3493

ELECTRONIC WARFARE

AN/SLQ-32 Series

Mr. Robert Hardison, Code 520  
Commercial: 804-396-0126  
Autovon: 961-0126

Mr. Ray Given, Code 540  
Commercial: 804-396-0153  
Autovon: 961-0153

Mr. Ferris Stewart, Code 550  
Commercial: 804-396-0165  
Autovon: 961-0165

AN/BLA-2, 4  
AN/BLM-1  
AN/BLR-10, 11

Mr. Bob Greer, Code 510  
Commercial: 804-396-0110  
Autovon: 961-0110

AN/WLQ-4  
AN/WLR-1G, 1H, 6, 8  
AS-1653/BLR  
AS-3327/BLR  
Submarine EW Passive (All Misc.)  
Solid State Amplifiers

EQUIPMENT/NOMENCLATURE/SYSTEM

ELECTRONIC WARFARE

AN/SLA-12, 15, 16, 17  
AN/SLD-1( )  
AN/SLM-2( )  
AN/SLQ-20, 20A  
AN/SLQ-22 Series, 26 Series  
AN/ULQ-6 Series  
AM-4530( )  
CVA/LPH EW Equipment

AM-1071, 4255  
AN/SKR-7  
AN/SLM-1 Series  
AN/SLQ-34  
AN/SLR-12 Series  
AN/SLR-22  
AN/SSQ-54 (MUTE Prototype)  
AN/SSQ-74  
AN/SSQ-82 (MUTE)  
AN/ULQ-13  
AN/USC-38(V)3  
AN/WLR-1 Series  
AN/WLR-3  
AN/WLR-11 Series  
AS-571, 616, 899  
C-3118

FEWSG Simulators  
ODDS  
Passive EW Antennas (All)

AN/SLA-10 Series  
EW Special Projects  
EMI/RFI  
AN/SLR-66  
BGPHEs

EW Threat Library

POINT OF CONTACT

Mr. Robert Hardison, Code 520  
Commercial: 804-396-0126  
Autovon: 961-0126

Mr. Peter Vanvleet, Code 530  
Commercial: 804-396-0139  
Autovon: 961-0139

Mr. Peter Vanvleet, Code 530  
Commercial: 804-396-0139  
Autovon: 961-0139

Mr. Ray Given, Code 540  
Commercial: 804-396-0153  
Autovon: 961-0153

Mr. Ferris Stewart, Code 550  
Commercial: 804-396-0165  
Autovon: 961-0165

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

FLEET COMMUNICATIONS EQUIPMENT

AM-2123 Series  
AN/CRT-3, 3A  
AN/GRC-9, 27A  
AN/PRC-10, 15, 41, 68, 77, 90, 97,  
106, 113  
AN/SAR-7  
AN/SAT-2  
AN/SRA-12 Series, 13 Series, 14, 15,  
16, 33, 35, 36, 37,  
38, 39, 40, 42, 49, 50,  
51, 56, 57, 58, 60  
AN/SRC-20 Series, 21 Series, 22, 47, 54  
AN/SRR-19  
AN/SRT-14 Series, 15 Series, 16 Series  
AN/URA-38, 38A  
AN/URC-4, 9, 9AY, 9Y, 32 Series,  
35 Series, 75, 80, 82, 82, 84, 85  
AN/URQ-9, 10 Series, 23 Series  
AN/URR-27, 27A, 35 Series, 44  
AN/URT-7, 23 Series, 24 Series  
AN/VCC-2  
AN/VRC-46, 49  
AN/WRC-1, 2, 3 Series  
AN/WSC-3 LOS  
AN/WRT-1, 2  
C-3866  
CU-691/U, 692/U  
CU-714, 737  
CU-937/UR Series  
CU-938/URA-38  
CU-2113  
CY-4516  
DISCONE ANTENNA  
F-1332, 1333, 1334  
FLIGHT DECK COMM  
MK-260/U  
MT-6068, 6069/WSC-3  
MX-1743B/SRC  
MX-1986A, B

Mr. Charlie Krause, Code 620  
Commercial: 804-485-6433  
Autovon: 961-6433

EQUIPMENT/NOMENCLATURE/SYSTEM

FLEET COMMUNICATIONS EQUIPMENT (cont'd)

MX-8430/URC-9  
MX-9407/URC-9  
NT-66046, 66047, 66095  
OA-9123/SRC  
OB-65/UR  
OG-119, 120/UR  
OT-48/URT  
OZ-24, 25, 26, 27, 28, 29/URC  
PP-2953  
R-390/URR Series  
R-1051 Series  
R-1903/URR  
RBO  
RT-246A/VRC  
T-1322/SRC  
TED-7, 9 Series  
UHF Comm  
VHF Comm

AM-215  
AM-3729/SR  
AM-4453/U  
AN/FGC-10, 58  
AN/FGC-74 Series, 79 Series  
AN/FGC-100, 101, 144, 148  
AN/SGC-1 Series  
AN/SSQ-59, 65  
AN/SSQ (QMS)  
AN/TRQ-35  
AN/UCC-1 Series  
AN/UGA-7  
AN/UGC-5, 6 Series, 7 Series, 8 Series,  
15 Series, 16 Series, 18, 19,  
20 Series, 22 Series, 25 Series,  
34, 43 Series, 47 Series, 48 Series,  
49 Series, 50 Series, 51 Series,  
54 Series, 55, 57, 60, 61 Series,  
64, 66, 70, 78, 90 Series

AN/UGH-1  
AN/URA-8 Series, 17 Series  
AN/UXH-2

POINT OF CONTACT

Mr. Charlie Krause, Code 620  
Commercial: 804-485-6433  
Autovon: 961-6433

Mr. Joe Moyer, Code 630  
Commercial: 804-485-6433  
Autovon: 961-6433



EQUIPMENT/NOMENCLATURE/SYSTEM

FLEET COMMUNICATION EQUIPMENT (cont'd)

C-1004/SG  
C-1138/UR  
C-1207/UR Series  
C-4621/SR  
CV-1066  
CV-172 A/L  
CV-2460/SGC  
CV-2979/UX  
LS-474/U  
MD-168/UX  
OA-8701, 8702, 8703  
PP-3494/UG Series, 3495/UG Series  
SA-734/SG  
SA-770/UR  
SA-1426/U  
SA-1848  
SA-2185/SRR  
SB-82, 83/SRT  
SB-315/U  
SB-863/SRT, 988/SRT  
SB-1039/SRT  
SB-1203 Series, 1210 Series  
SB-2244/UG, 2405/UG  
SB-2727/SRR, 2863/SRR  
SB-3195/U, 3333/U  
SB-3266/U  
SB-3576/UG, 4034/UG, 4035/UG  
Teletype, MOD 28  
TT-130, 131/UG Series  
TT-171, 176/UG Series  
TT-187/UG, 192/UG Series  
TT-234/SGA-3  
TT-253 Series  
TT-261/UG Series  
TT-273, 274 Series, 275, 283/UG Series  
TT-47C/UG  
TT-533/UG, 570/UG, 571/UG, 603/UG, 605/UG

POINT OF CONTACT

Mr. Joe Moyer, Code 630  
Commercial: 804-485-6433  
Autovon: 961-6433

EQUIPMENT/NMONECLATURE/SYSTEM

ANTENNA COUPLERS

AN/SRA-17,22,43,51,62  
AN/URA-38, 38A  
AS-390(V)  
AS-1729  
AS-1735  
AS-2808,2810,2811, 2812, 2813, 2814, 2877  
AS-3020/SR, 3021/SR, 3022, 3023, 3024, 3025/SR  
AS-4025/SRR, 4037/SRR, 4038/SRR, 4039/SRR  
AT-150/SRC  
CA-1120  
OA-9122 Sel Antenna Group  
OE-155, 156  
OE-212/U, 213/U, 214/U  
OK-244/SRC  
OK-278, 278/SS

DD-963, DD-993, CG-47 Class External  
Communications (including the follow-  
ing non-standard equipments)

AM-6675/URT  
AM-6694/SR  
AN/SRC-31B  
AN/URQ-26  
C-10077/SRC  
CM-464/URQ-26  
CN-1480/URC  
CN-2164/SRC, 2165/SRC  
CV-3145/UYK  
CV-3146/SRC  
CV-3190/SG  
J-3385/SRC  
MX-9557/SR  
OA-8796/SR  
OA-8909/SRC  
OA-8911/SRC  
OP-94/S  
R-1903/URR  
SA-1712A/UR  
SA-1997/U  
SA-2076/UGQ  
SA-2082/UG, 2083/UG  
SA-2111/SRC  
T-1322/SRC

LHA-1 Class External Communications  
(including the following non-standard  
equipments)

AM-6662/UR  
C-3175(V)/UG Series  
C-9005/ARC-138  
C-9008/UYK-7

POINT OF CONTACT

Mr Paul Kernels, Code 650  
Coml: 804-485-6433  
AV: 961-6433

Mr. Charlie Krause, Code 620  
Commercial : 804-485-6433  
Autovon: 961-6433

EQUIPMENT/NOMENCLATURE/SYSTEM

C-9549/UG  
OA-8701, 8702, 8703/USQ  
OB-65/UR  
OB-67/UYK  
OJ-230/UYK, 276/UYA  
OR-112/URR  
OT-48/URT  
OZ-24, 25, 26/URC  
OZ-27, 28, 29/URC  
SA-1848/UYK-7(V)  
SB-3742/UR  
TT-649/UY

NTDS DATA LINK

AN/SRA-34(V) Series  
AN/SRC-16 (XN-1)  
AN/SRC-16(U) Series  
AN/SRC-23(V) Series  
AN/SRC-34  
AN/SRM-13, 14  
AN/SSM-4 Series  
AN/URM-158, 159  
AN/USC-30, 34, 59, 63  
OA-8908/SRC  
OE-219, 231, 232/URC  
OW-79/USQ-63

SECURE VOICE

AN/FTC-31  
AN/GSC-38(V)2  
Autovon Terminal Equipment  
C-7554  
FLTSATCOM/AUTOSEVOCOM Interface  
KY-71 STU II  
FY-71 STU III  
MD-823  
MX-10108, 10208  
NBSV (Steamvalve)  
ON-143  
PSSDL Systems  
SA-1635/G, 2345, 2346  
SB-3529  
SN-394/G  
TA-814  
TSEC/KG-13, 34, 36  
TSEC/KY-3, 58  
TSEC/KY-75 (Shore Parkhill)  
TSEC/KYX-9, 10  
Universal Multi-line Adapter (UMLA)  
WECO 207

POINT OF CONTACT

Mr. Gary Koziol, Code 640  
Commercial: 804-485-6433  
Autovon: 961-6433

Mr. Willie Wright, Code 730  
Commercial: 804-485-6422  
Autovon: 961-6422

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

SECURE VOICE

AN/GCC-21, 24  
C-10276/SCC  
C-10315, 10316  
C-11006  
C-7594, 7595  
CU-1653/U  
CV-3591(P)/U (ANDVT)  
HNF-1, 2/TSEC  
HNF-3-1/TSEC  
HNF-3-2/TSEC  
HYX-58/TSEC  
J-2698/UR  
J-3584/U  
SAS (Single Audio System) Components  
Automatic Single Audio System (ASAS)  
TA-790, 840, 970, 980  
TA-990/U  
TSEC/KYV-5 (ANDVT)  
VINSON Augmentation Package (VAP, IVAP & MINIVAP)  
Parkhill Contingency Package (PCP)  
PN 491-328-002-000  
SA-1711/U  
SA-1712A/UR  
SA-1997/U  
SA-2112/STQ  
SA-2254/UR  
SA-2423 (V)/U

Mr. Bob White, Code 740  
Commercial: 804-485-6422  
Autovon: 961-6422

FLEET APPLICATIONS

ATE  
PTTI  
Measure  
Shipboard Installations & Design  
Training Installations  
EMC-Depot Operations  
FCTR  
TAMS Prosrans

Mr. Roger Gravatt, Code 03  
Commercial: 804-396-7979  
Autovon: 961-7979

TMDE

Calibration/Repair of GPETE  
GPETE Maintenance/Repair Concepts  
Calibration Repair of RADIAC Eguipment  
GPETE Assets Screening Program (GASP)  
METCALLANT - GPETE Overflow  
PTTI (Time & Frequency Standards)  
GPETE Readiness Review (GRR)

Mr. John Dewitt, Code 340  
Commercial: 804-444-3016  
Autovon: 564-3016

CAPABILITY LIST OF  
ENGINEERING TECHNICAL SERVICES  
AVAILABLE AT  
NAVELEXCEN, SAN DIEGO, CA

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

FLEET LIAISON OFFICE

Direct Fleet Support  
Fleet Commander Interface  
Type Commander Interface  
Industrial Activity Interface

CDR Dave Farley  
Jim Williams  
Commercial: 619-524-2670/2999  
Autovon: 524-2670/2999  
24 Hour Number: Ext 2670

FLEET SPECIAL PROGRAMS

Technical Assistance  
CRYPTO Enhancement Program (KG-84, KW-46)  
PMS Development  
Field Change Installation Program  
Test/Inspection Support

ELECTRONIC WARFARE

AM-1017/SLR  
AM-4255/WLR  
AN/SLA-10, 12, 15, 16, 17  
AN/SLQ-21, 22, 23, 24, 26  
AN/SLQ-32 (V-1, 2, 3)  
AN/SLQ-34  
AN/SLR-12  
AN/ULQ-6( )  
AN/WLA-3B  
AN/WLR-1( ), 3, 11, 11A

ELECTRONIC SUPPORT MEASURES (ESM)

AN/BQH-5 (V-2, 3, 4)  
AN/BRD-7  
AN/BSQ-3A  
AN/SLR-16  
AN/SRD-19  
AN/SRS-1 COMBAT DF  
AN/SYQ-8  
AN/ULQ-13  
AN/WLQ-4(V)  
AN/WLR-1(H)  
AN/WLR-8  
OUTBOARD

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

COMMUNICATIONS

General Communications

AN/GRC-171, 175  
AN/GRR-23, 24  
AN/GRT-21, 22  
AN/PRC-10, 25, 41, 68, 75, 77, 79  
AN/UCC-1 Series  
AN/URA-8, 8A  
AN/URC-9, 9A, 9AY, 32, 35,  
80, 82, 83, 84, 85, 93  
AN/URT-7, 7C, 7D, 23, 24  
AN/URC-46  
AN/WSC-3  
AS-1018/URC  
AS-1735/SRC  
AS-390  
CU-619, 691, 714, 737, 937/UR  
CV-2460, 2757  
DD-963 Comms  
OE-82 (B, C)/WSC-1  
RD-390  
TN-342

Automated Communication System/NAVMACS/MPDS

AN/SRM-17 (XG-1)  
AN/SSQ-65  
AN/SSQ-67 (XG-1)  
AN/SSQ-85 (MRDIS)  
AN/SSQ-88

COMMUNICATIONS

Automated Comm Systems/NAVMACS/MPDS

AN/SSR-1  
AN/SYQ-7 (NAVMACS) V( ) (Including MPD)  
AN/USH-26, 29  
AN/USQ-69  
AN/UYC-3(V)  
AN/UYK-20  
AN/UYM-9  
C-9147/SYQ-6  
C-9148/SYQ-6  
C-9149/SYQ-6  
CPDS LHA CLASS (LHA-1 EX-COMM SYSTEM)  
CV-3022/UG  
CV-3333  
ID-1852/SYQ-20  
MU-570/USQ-20  
OE-82B/USC-1  
OE-82C/USC-1  
ON-143/USQ  
OW-70/SYQ-6  
RD-281/UYK

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

RD-358/UYK  
RD-396  
RD-397  
SA-1883/SYQ-6  
SA-1884/SYQ-6  
SA-1885/SYQ-6  
SA-2100/SYQ-6  
TD-1066/SYQ-6  
TSEC/KG-36-4  
TT-624/UG

LINK-11

AN/LMS-11  
AN/USC-30  
AN/USH-26  
AN/USQ-36  
AN/USQ-69  
AN/USQ-74  
CV-3022/UG  
TT-624/UG

Shore Comm Systems

AN/FRC-144, 150  
AN/FRT-39, 40, 83, 84, 85, 93, 94, 96  
AN/FSQ-98  
R-390A/URR  
R-1051/URR Series

NAVIGATION

ACLS/ILS

AN/SPN-35, 41, 42A, 42T1, 43, 43A, 44, 56, 6  
AN/TRN-7  
CATCC-DAIR

SATNAV

AN/BRN-6

AIMS/IFF/OMEGA/TACAN

AIMS MK X, XII  
AN/BRN-7  
AN/GRN-9  
AN/SRN-12, 14  
AN/SRN-6, 6A, 15  
AN/TPX-2  
AN/UPA-24, 38  
AN/UPX-12, 17, 24, 25, 29  
AN/URN-20, 25  
MX-8757  
MX-8758  
OK-217/UPX  
SG-1066

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

CRYPTO

TSEC/HL-1( )  
TSEC/HN-9, 10  
TSEC/HY-2, 5, 11  
TSEC/KG-13, 14, 22, 23, 30 Family, 36, 40, 84  
TSEC/KI-1A  
TSEC/KL-7, 47  
TSEC/KW-7, 26, 37, 46  
TSEC/KWR-37  
TSEC/KWT-37  
TSEC/KWX-8, 11  
TSEC/KY-3, 8, 28, 38, 57, 58, 65, 75, 537

TEST AND MEASURING SYSTEMS (TAMS)

Measure Program

Metrology Calibration Pacific (METCALPAC)  
TMDE Support  
Fleet Electronic Standards Support

Fleet Electronic Calibration Lab (FECL)  
Calibration  
Repair  
Shipping/Receiving

Fleet Test Equipment Allowance Program (FTEAP)

Field Calibration Activity (FCA) Review

TEST AND EVALUATION

Total Ship Test Program  
Reliability Centered Maintenance  
Data Transmission Set TS-3643/UGM (DTS)  
Radio Link Simulator AN/UGM-11 (RLS)

Combat Systems Test & Certification Manual

TEMPEST (INSTRUMENTED)

RADIAC

SURFACE SHIP ENGINEERED OPERATING  
CYCLE (SSEOC)

Equipment Changeout

AUTOMATIC TEST EQUIPMENT (ATE)

DEPOT OPERATIONS



*EQUIPMENT/NOMENCLATURE/SYSTEM*

*POINT OF CONTACT*

*FACSFACS AND RANGES*

*ENGINEERING PLANNING AND SPECIAL PROJECTS*

*AN/TRQ-35*

*Global Positioning System (GPS)*

CAPABILITY LIST OF  
ENGINEERING TECHNICAL SERVICES  
AVAILABLE AT  
NAVELEXCEN, VALLEJO, CA

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

A3 (Advanced Autonomous Array)	LT Jarratt Mowery
AIMS MK IFF	Fleet Liaison Officer
AM-215	Jim Kinsey
AN/BRN-7 (OMEGA)	ETC Jim Droesch
AN/FPN-36, 39, 42, 49, 63	Asst Fleet Liaison Officers
AN/FRN-24 (UHF Beacon)	Commercial: 707-554-5404/8
AN/FSA-52, 58	Autovon: 253-6404/8
AN/FYQ-87(V)	
AN/GGC-59(V)5	
AN/GMQ-29, 31	
AN/GPN-27 RADOME	
AN/GRC-171, 175, 205, 211	
AN/GRR-23, 24	
AN/GSH-45, 47	
AN/MPN-23	
AN/MRN-18, 18A (TACAN)	
AN/SPN-32 (LORAN C)	
AN/SPN-35 (GCA)	
AN/SPN-38 (LORAN C)	
AN/SPN-40 (LORAN A&C)	
AN/SPN-47	
AN/SRA-12	
AN/SRN-6A, 15 (TACAN)	
AN/SRN-9, 9A, 19 (SATNAV)	
AN/SRN-12, 17 (OMEGA)	
AN/SSC-6	
AN/SSR-1	
AN/TPN-8A (GCA)	
AN/TPN-22, 30 (MRAALS)	
AN/TPS-73	
AN/TPX-42	
AN/TRC-131A (ATCC)	
AN/TRN-29, 33, 44	
AN/TSM-170	
AN/TSQ-18A (LCC)	
AN/TSQ-107 (RSC), 108, 120, 131	
AN/UGC-136	
AN/UPA-24, 61	
AN/UPM-137A	
AN/UPN-12 (LORAN)	
AN/UPX-23, 25, 27, 28	
AN/URC-61, 94	
AN/URC-107(V) 5, 6, 7	

EQUIPMENT/NOMENCLATURE/SYSTEMPOINT OF CONTACT

AN/URM-507 (TACAN Test Set)  
AN/URN-3A, 20, 25 (TACAN)  
AN/URN-5 (BEACON)  
AN/URT-30 (VERDIN)  
AN/USC-38(V) 1, 2, 3  
AN/USH-22, 23, 26  
AN/USQ-64, 69, 76(V)3  
AN/UYK-20, 22, 42, 44  
AN/UYQ-3A, 34, 41, 42  
AN/WPN-4, 5  
AN/WRR-7, 7A, 7B (VERDIN)  
AN/WSC-3, 6  
AS-570  
AS-1018/URC  
ASCOMM  
ASR-8  
ASWOC (TMS)  
BRITE II  
C-1138  
C-8979/URT-30 (VERDIN)  
C-10863/USQ  
CDD1000 (ATIS)  
CODEX MODEMS  
COMMAND AND CONTROL PROCESSOR (C<sup>2</sup>P)  
Comm Subsystem (Anti-Submarine Warfare Operations Center)  
CP-1071/WRR (VERDIN Processor)  
GPETE CAL/RPR  
CUDIIXS  
CV-2460/SGC  
CV-3022, 3440  
CVLF  
CV-3333 (SATCOM SEC VOX)  
DAMA  
EWTS  
EVS  
FA-8970/SG-1104 (Video Mapper)  
ID-2289/URN  
IEMATS  
ILS  
IP-1187  
ISABPS  
J-3780/UYK  
JTIDS  
KG-13, 30, 34, 36, 40, 84A  
KIT-1A  
KW-7, 37, 46  
LINK 11 (SHORE AND SUBMARINE ONLY)  
LL TTY  
LSI 4800, 9600  
LTN-211 (OMEGA)  
MACS Modem  
MATCS EQUIPMENT

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

MD-855/WRR (VERDIN Demod P/S)  
MD-1054/USQ  
MIXS  
MT-1200  
OA-7203/URN-20  
OA-9141/TSM  
OD-56, 57, 58, 59, 93/T  
OE-82B/WSC-1  
OE-82C/WSC-1  
OE-258, 273 (SS TACAN)  
OJ-314/FSC  
OJ-333A/GPN  
OK-326, 367/WSC-3  
OK-454, 455  
OM-43A/USC  
OM-55(V)USC  
ON-143 Series  
OTCIXS  
PP-7398/WRR-7  
R-1738/WRR (VERDIN)  
RADIAC Cal/RPR  
RD-350A/WRC  
RD-379(V)/UNH  
RD-396  
RD-397, 433  
ROF  
SB-3917/BGC  
SSIIXS (SUB)  
SSIIXS (SHORE)  
SURTASS  
SX-200 Secure Phone System  
TACINTEL  
TADIIXS  
TD-1150/USC  
TD-1271 B/U  
TEMPEST (SHIP)  
TEMPEST (SHORE)  
TSEC/HY-2  
TSEC/KG-13, 30, 34, 36, 40, 84A  
TSEC/KIR-1A  
TSEC/KIT-1A  
TSEC/KY-58  
TT-624(V)/UG  
TV-8 (VOR)  
VERDIN  
VOR/VORTAC  
WILCOX 485 (VOR)  
WILCOX 585 (VOR)  
WILCOX 80713

CAPABILITY LIST OF  
ENGINEERING TECHNICAL SERVICES  
AVAILABLE AT  
NAVELEXCEN DET, MAYPORT, FL

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

Mr. Harry Beumel  
Commercial: 904-241-6156  
Autovon: 960-6156  
(24 Hour Telephone)

RADIO TRANSMITTER

AN/GRC-171, 175  
AN/GRT-21, 22  
AN/URT-23 , 24  
AN/WSC-3 LOS

RADIO RECEIVERS

AN/GRR-23, 24  
R-390

ANTENNA COUPLERS

AN/SRA-49  
AN/SRA-56

SATELLITE COMMUNICATIONS EQUIPMENT

AN/SRR-1  
AN/WSC-3  
CV-3333  
NAVMACS

TELETYPE EQUIPMENTS

TT-624

NAVIGATIONAL AIDS

AN/FRN-24  
AN/GRN-9, 9C  
AN/GRA- 34  
AN/MRN-16, 18  
AN/SRN-6, 6A, 9  
AN/URN-3A  
AN/URN-20, 25  
WILCOX 585B

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

IFF EQUIPMENTS

AN/UPA-24  
AN/UPA-57, 59, 59A  
AN/UPA-61  
AN/UPX-23, 27  
C-10544/UPX  
SA-2224/UPX

GROUND CONTROL APPROACH (GCA)

AN/CPN-4  
AN/FRN-36  
AN/FPN-63  
AN/MPN-11, 14  
ASR-8  
FA-8970

TEMPEST (VISUAL)

RADIAC CALIBRATION AND REPAIR

MISCELLANEOUS EQUIPMENTS

AN/FPN-47  
AN/FRA-11  
AN/FSA-57  
AN/FSS-10(V)  
AN/GPA-106, 107  
AN/SYQ-7  
AN/TPX-42  
AN/USH-26  
AS-1018/URC  
FA-8970  
OD-56, 57, 58  
OE-82B/WSC-1  
OE-82C/WSC-1  
OE-258, 273  
OJ-333

SURFACE SHIP ENGINEERED OPERATING  
CYCLE (SSEOC)

CAPABILITY LIST OF  
ENGINEERING TECHNICAL SERVICES  
AVAILABLE AT  
NAVELEXSECCEN, WASHINGTON, DC

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

LT Doug Miller  
Fleet Liaison Officer  
Commercial: 202-282-0727  
Autovon: 292-0727

COMSEC EQUIPMENTS/ANCILLARIES

Mr. Robert Roman  
Commercial: 202-282-0679  
Autovon: 292-0679

C-11828/U  
CV-3971/S  
FDCS  
KGR-29, 66, 96/TSEC  
KGV-8, 8A, 9, 10, 11, 66/TSEC  
KGX-40, 93/TSEC  
KIR-1A/TSEC  
KIT-1A/TSEC  
KOI-18/TSEC  
KWR-37, 46/TSEC  
KUT-37/TSEC  
KYB-6/TSEC  
KYK-13/TSEC  
KYV-2, 2A, 5/TSEC  
KYY-15/TSEC  
HNF-1, 2, 3/TSEC  
HNF-81-1/TSEC  
HNF-81-2/TSEC  
HNR-9/TSEC  
HNT-9/TSEC  
HYL-3/SEC  
HYP-P, 21, 57, 67/TSEC  
HYX-58, 60, 65, 71, 71A, 88/TSEC  
J-4669/S  
J-4691/S  
PACE  
TSEC/HN-9, 10  
TSEC/HY-2, 11  
TSEC/KG-14, 27, 28, 29  
TSEC/KG-30 Family  
TSEC/KG-40, 40A, 43, 44, 44A, 45, 46  
TSEC/KG-58, 66, 81, 82, 84, 84A, 84C, 93, 94, 94A  
TSEC/KI-1A  
TSEC/KL-41, 42, 43, 51  
TSEC/KN-2  
TSEC/KY-3, 5, 8, 28, 38, 57, 58, 65, 67, 68, 71, 71A, 78  
TSEC/KW-7, 26, 37, 46  
TSEC/KWR-37  
TSEC/KWT-37  
TSEC/ST-58  
WALBURN (CI-3)

Mr. Patrick Stewart.  
Commercial: 202-282-0727  
Autovon: 292-0727

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

COMSEC EQUIPMENT/ANCILLARIES

Z-AHP/TSEC  
Z-AHQ/TSEC  
Z-AKR/TSEC  
Z-AKS/TSEC  
Z-AKT/TSEC  
Z-AKX/TSEC

CRYPTOLOGIC EQUIPMENT

AN/FLR-15(V), 15(V)  
AN/PRA-54(V), 54A(V)  
AN/FRD-10(V), 10A(V)  
AN/FRD-10(XN-2)  
AN/FRD-12, 13, 14  
AN/FRM-19(V)  
AN/FRM-19(V) Automated  
AN/FRQ-25  
AN/FSD-2  
AN/FSH-5(V), 7, 7A(V)  
AN/FSK-1, 1A(V), 2(V), 3(V)  
AN/FSM-51(V)  
AN/FSQ-44, 44A(V), 59(V), 117A, 117B,  
117(V), 118(V), 123(V), 138(V)  
AN/FSR-5(V)  
AN/FYC-13, 13A(V)  
AN/FYQ-94A(V), 103(V), 114(V)  
AN/GSH-24(V), 52(V), 53(V)  
AN/GSQ-53(V), 53A(V)  
AN/GYK-3(V), 9A(V)  
AN/TNH-10, 11(V), 13, 20, 20A, 21, 22, 23, 25  
AN/UGC-135  
AN/UYC-5, 8(V)  
AN/UYK-3(V), 63(V)  
AN/UYQ-22  
Classic Bowsprit/Sail  
CP-1231(V), 1464(V), 1465(V)  
CU-656/U  
CU-872A/U  
CU-2099/U, 1280/U, 1303/FRR  
CU-1382D, 1382F, 1382G/FRR  
CU-2289/FRR  
OA-4414/F, A  
OA-8992/FRD  
OA-8993/FRD  
OA-8994/FRD  
OA-9043/FRD

Mr. Karl W. Mende  
Commercial: 202-282-0433  
Autovon: 292-0433

Mr. Robert F. Weilminister  
Commercial: 202-282-0659  
Autovon: 292-0659



EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

CRYPTOLOGIC EQUIPMENT

PDP-11/23 (Series)  
PDP-11/34 (Series)  
PDP-11/35 (Series)  
PDP-11/40 (Series)  
PDP-11/60 (Series)  
PDP-11/70 (Series)  
R-2133(V)/FRD  
R-2174(P)/URR  
RD-410/FLR-15 (V)  
RD-476(V)/F  
RD-477(V)/F  
TD-901  
TT-786/F  
VT-100 (Series)

CRYPTOGRAPHIC (CRYPTO Repair Facility)

TSEC/KG-13  
TSEC/KG-34 (Limited)  
TSEC/KG-36 (Limited)  
TSEC/KG-81 (Limited)  
TSEC/KG-84 (Limited)  
TSEC/KW-7 (Limited)  
TSEC/KW-26  
TSEC/KY-3  
TSEC/KY-8

TELETYPE EQUIPMENT MODEL 28 (Comprised  
of the following equipments)

AN/FGC-74, 79, 100, 101  
AN/FGR-5, 6, 10  
AN/FGT-7  
AN/UGC-5, 6, 13  
AN/UGC-20, 25  
AN/UGC-47, 48, 49  
AN/UGC-50, 51, 54  
AN/UGC-61  
AN/UGC-77  
AN/UGC-90  
AN/UGR-8, 9, 11, 12  
AN/UGT-4, 5, 6, 7,  
TT-47  
TT-171, 176  
TT-187

Mr. George G. Schlapo  
Commercial: 202-282-2977  
Autovon: 292-2977

Mr. Carl D. Murphy  
Commercial: 202-282-2730  
Autovon: 292-2730

Mr. George G. Schlapo  
Commercial: 202-282-2977  
Autovon: 292-2977

Mr. Carl Murphy (Alternate)  
Commercial: 202-282-2730  
Autovon: 292-2730

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

TELETYPE EQUIPMENT MODEL 28 (Comprised of the following equipments)

TT-192  
TT-253  
TT-306, 307, 308, 309, 310  
TT-331, 332, 333  
TT-570, 571  
TT-603, 605

Mr. George G. Schlapo  
Commercial: 202-282-2977  
Autovon: 292-2977

Mr. Carl Murphy (Alternate)  
Commercial: 202-282-2730  
Autovon: 292-2730

MODEL 32 (Comprised of the following equipments)

KSR & ASR  
32TDE  
32ATJ  
32TB

MODEL 33 (Comprised of the following equipments)

KSR & ASR  
3310/3  
3310/4  
3320/3  
3320/4  
3320/5  
3320/6

MODEL 35 (Comprised of the following equipments)

AN/UGC-59  
AN/UGC-59A  
AN/UGC-111  
AN/GGC-15

MODEL 37 (Comprised of the following equipments)

AN/UGC-109  
AN/UGC-110  
AN/UGC-89

MODEL 40/1 (Comprised of the following equipments)

4030/1

MODEL 40/2 (Comprised of the following equipments)

4030/5

MODEL 40/8 (Comprised of the following equipments)

AN/UGC-126  
AN/GGR-3  
AN/GGC-59  
AN/GGC-48

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

AN/GGC-55  
AN/GGC-62  
AN/SCG-6  
AN/SCG-7  
AN/SCG-8  
AN/SCG-9  
AN/SGC-10  
AN/SGC-11

MODEL 43 (Comprised of the following equipments)

RO KSR & ASR  
4310  
4320  
4330

TEMPEST (TM)

Mr. Robert Roman  
Commercial: 202-282-0619  
Autovon: 292-0619

Mr. Robert Weilminster  
Commercial: 202-282-0411  
Autovon: 292-0411

CAPABILITY LIST OF  
ENGINEERING TECHNICAL SERVICES  
AVAILABLE AT  
NEEACT PAC/ GUAM/ PHILLIPINES/JAPAN

EQUIPMENT/NOMENCLATURE/SYSTEM

POINT OF CONTACT

HF EQUIPMENT

AN/URT-23, 24, 38  
CU-937 COUPLER  
HF MULTICOUPLER  
HF RCV COUPLER

NEEACT Pac  
Mr. Glenn Yee  
Fleet Liaison POC  
Commercial: 808-471-8237  
Autovon: 474-3166

UHF EQUIPMENT

AN/SRA-33  
AN/SRC-20, 21  
AN/URC-9, 93  
C-9351/WSC-3  
C-9899/WSC-3  
RT-1107/WSC-3 LOS

NEEACT Guam  
Mr. Roy Makio  
Autovon: 333-2961

NEEACT Phillipines  
Mr. Raymond Navarro  
Autovon: 384-6361

VHF EQUIPMENT

AN/GRR-23  
AN/GRT-21  
AN/URC-80, 86  
AN/URR-27  
AN/URT-7  
AN/VRC-46

NEEACT Japan  
Mr. Gary Gesell  
Commercial: (0469)-26-1911  
ext 7534  
Autovon: 234-7534

REMOTE

Automated SAS  
Manual SAS

EW/LINK 11 SYSTEMS

AN/SLQ-32  
AN/SRC-16, 23  
AN/UYK-20  
AN/WLQ-1

FLTSEVOCOM

Link 4  
Link 11  
NAVMACS

ANTENNA SYSTEMS

HF  
SATCOM  
VHF

EQUIPMENT/NOMENCLATURE/SYSTEMS

POINT OF CONTACT

CRYPTO SYSTEMS

KG-14, 36, 84  
KW-7  
KWR-37, 46  
KY-8, 75  
KY-58

TERMINAL SYSTEMS

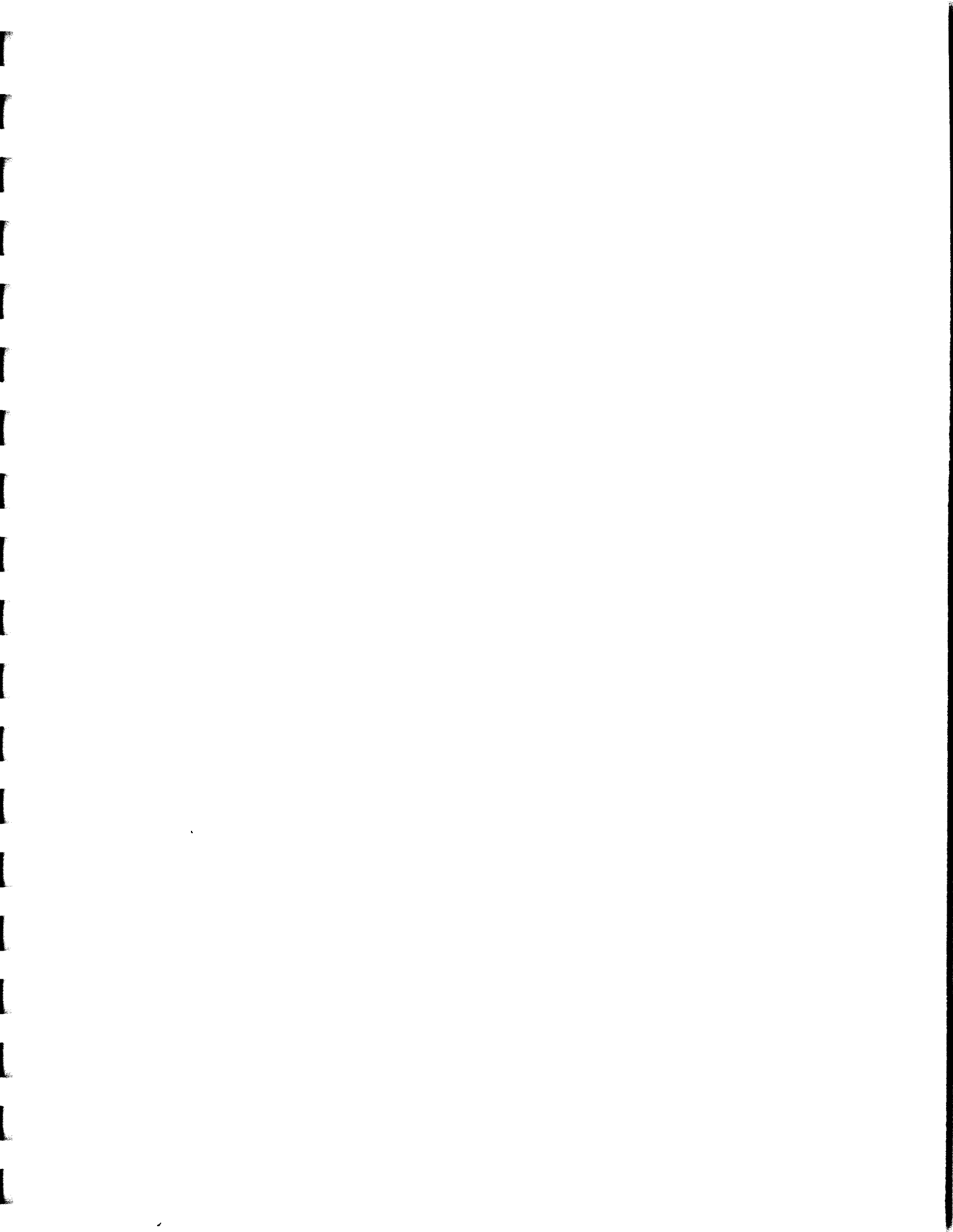
AN/SSR-1  
AN/UCC-1  
AN/UGC-48  
AN/UGC-77  
AN/UGC-136AX  
AN/URC-17  
CV-2460  
MODEL 28 TTY

NAVAIDS

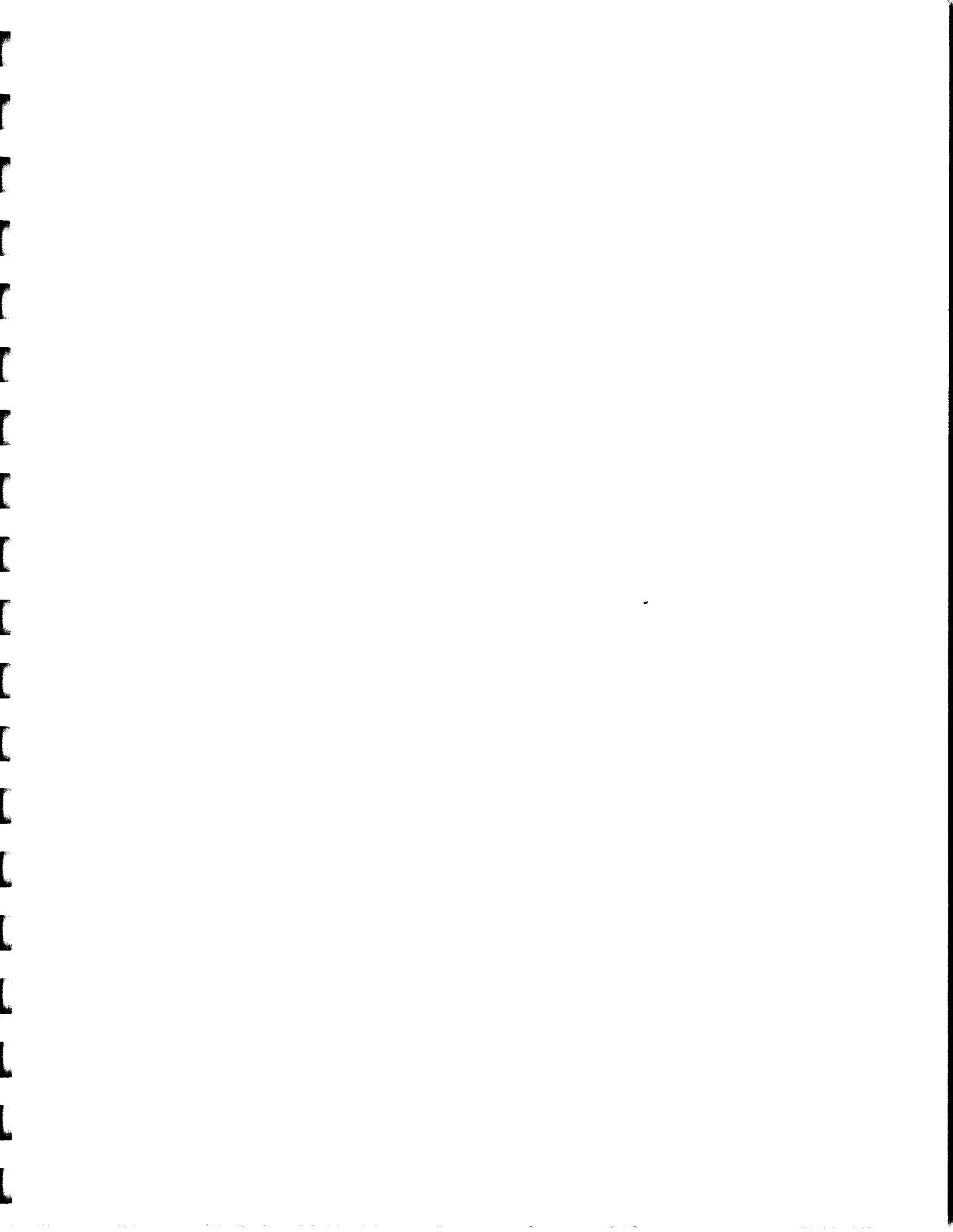
AN/SRN-19  
AN/SRN-25  
AN/WRN-6 (GPS)

SUBSYSTEMS

ANDVT  
DAMA  
FIST  
ORESTES  
OTCIXS  
OUTBOARD  
SSES  
SSIXS  
TRE



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