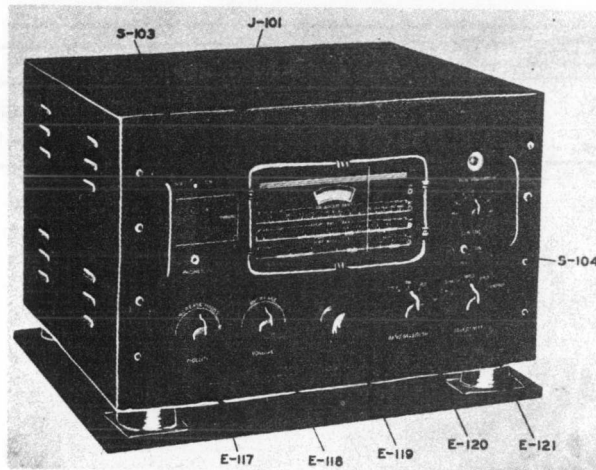


March 1957

RADIO RECEIVING EQUIPMENT

SLR-H



Radio Receiving Equipment SLR-H

HF OSCILLATOR RADIATION: 400 uw at any frequency.

UNDISTORTED OUTPUT(MAX): Approx 19 W with 3% distortion measured at 400 cps across 600 ohms load impedance.

LOUDSPEAKER DATA: Permanent magnet type with 600 ohm matching transformer.

ANTENNA DATA

TYPE: 50 to 200 ft single wire or balanced feed-line.

POWER REQUIREMENTS: 110 to 125 v, 58 to 62 cps, single ph, 0.82 amps at 115 v, 95 W at 115 v.

MANUFACTURER'S OR CONTRACTOR'S DATA

E. H. Scott Radio Laboratories, Inc;
Chicago, Illinois.

FUNCTIONAL DESCRIPTION

The SLR-H(Scott Radio Laboratories) is suitable and is primarily intended for use aboard marine vessels of all types, but is equally suitable for use at radio shore stations.

It is specifically designed to provide optimum performance and high quality reception of voice or tone modulated and continuous wave radio frequency signals, in the frequency ranges of 0.53 to 1.60 and 5.55 to 1506 megacycles, by head telephone or loudspeaker methods.

It is primarily designed for top of table or bench mounting.

No field changes in effect at time of preparation (7 September 1956).

ELECTRICAL AND MECHANICAL CHARACTERISTICS

FREQUENCY RANGE

BROADCAST BAND: 0.53 to 1.60 mc.

SHORT WAVE: 5.55 to 15.6 mc in 2 bands.

RECEPTION: Voice or tone modulated and CW.

TYPE RECEIVER: Superheterodyne.

POWER OUTPUT: 30 mw at phone jack.

INTERMEDIATE FREQUENCY: 455 \pm 1 kc,

IF REJECTION: 75.0 db min.

TUBE AND/OR CRYSTAL COMPLEMENT

(1) 6K7	(1) 6J5
(1) 6SA7GT	(2) 6SK7GT
(1) 6SH7GT	(2) 6SN7GT
(2) 6V6GT	(1) 6E5
(1) 574G	

Total Tubes: (12)

REFERENCE DATA AND LITERATURE

E.H. Scott Radio Laboratories, Inc. Technical Manual for Radio Receiving Equipment Model SLR-H.

TYPE CLASSIFICATION
DESIGN COGNIZANCE BUSHIPS
PROCUREMENT COGNIZANCE
STOCK NO.

UNCLASSIFIED

SLR-H

RADIO RECEIVING EQUIPMENT

March 1957

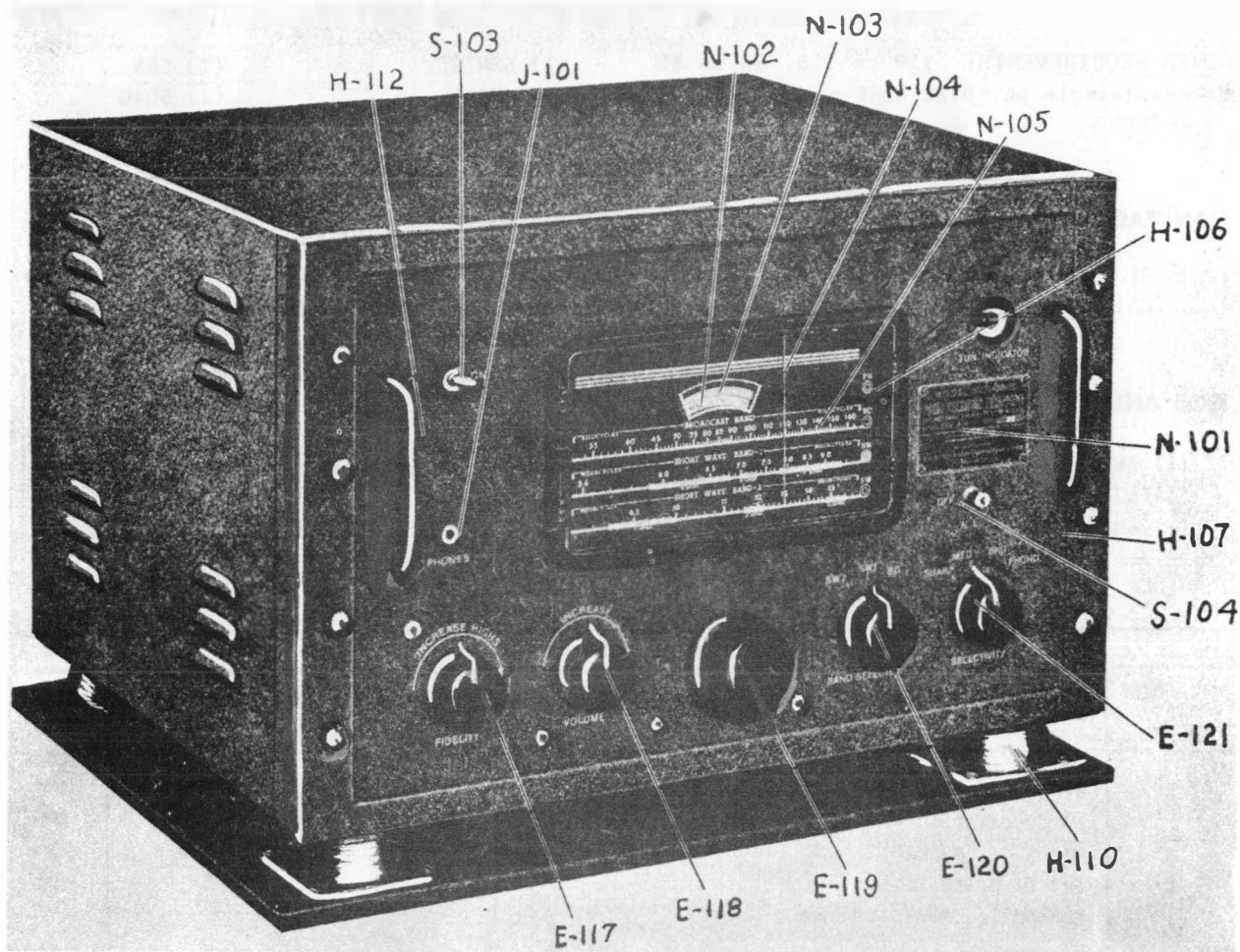
EQUIPMENT SUPPLIED DATA

QUANTITY PER EQUIP	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Radio Receiver SLR-H	13-3/4 X 18-1/2 X 20-1/2	104
2	Technical Manuals		
1	Set Spare Tubes		

March 1957

RADIO RECEIVING EQUIPMENT

SLR-12B



Radio Receiving Equipment SLR-12B

FUNCTIONAL DESCRIPTION

The SLR-12B (Scott Radio Laboratories) is suitable and is primarily intended for use aboard marine vessels of all types, but is equally suitable for use at radio shore stations.

It is specifically designed to provide optimum performance and high quality reception of voice or tone modulated radio frequency signals, in the frequency ranges of 0.53 to 1.60 and 5.55 to 15.6 megacycles, by head telephone or loudspeaker methods.

It is primarily designed for top of table or bench mounting.

No field changes in effect at time of preparation (7 September 1956).

ELECTRICAL AND MECHANICAL CHARACTERISTICS

FREQUENCY RANGE

BROADCAST BAND: 0.53 to 1.60 mc.

SHORT WAVE BAND: 5.55 to 15.6 mc in 2 bands.

RECEPTION: Voice or tone modulated.

POWER OUTPUT: 30 mw at phone jack.

INTERMEDIATE FREQUENCY: 455 \pm 1 kc.

IF REJECTION: 75.0 db min.

HF OSCILLATOR RADIATION: 400 uw at any frequency.

UNDISTORTED OUTPUT(MAX): Approx 10 w with 3% distortion measured at 400 cps across 600 ohm load impedance.

LOUDSPEAKER DATA: Permanent magnet type with 600 ohm matching transformer.

ANTENNA DATA

TYPE: 50 to 200 ft single wire or balanced feed-line.

March 1957

SLR-12B

RADIO RECEIVING EQUIPMENT

POWER REQUIREMENTS: 110 to 125, 58 to 62
cps, single ph, 0.82 amps at 115 v, 95 W
at 115 v.

(1) 6SN7GT (1) 6E5
(2) 6V6GT (1) 5U4G
Total Tubes: (12)

MANUFACTURER'S OR CONTRACTOR'S DATA

E. H. Scott Radio Laboratories, Inc.,
Chicago, Illinois.

REFERENCE DATA AND LITERATURE

NAVSHIPS 95274: Technical Manual for Radio
Receiving Equipment Model SLR-12B.

TUBE AND/OR CRYSTAL COMPLEMENT

(1) 6K7 (2) 6K7GT
(1) 6J5 (1) 6H6GT
(1) 6SA7GT (1) 6J5GT

TYPE CLASSIFICATION
DESIGN COGNIZANCE
PROCUREMENT COGNIZANCE
STOCK NO.

EQUIPMENT SUPPLIED DATA

QUANTITY PER EQUIPT	NAME AND NOMENCLATURE	OVERALL DIMENSIONS (inches)	WEIGHT (lbs.)
1	Radio Receiver SLR-12B	13-3/4 X 18-1/2 X 20-1/2	104
1	Loudspeaker SPM-12	9-3/4 X 14-3/8 X 14-3/8	28
2	Technical Manual		
1	Set of Spare Tubes		
1	Connecting Plug, Antenna		