

**3-1. GENERAL.**

a. PURPOSE.—In attaining and maintaining the best possible condition of operation and material readiness of electronic equipment, the proper location and mounting of the equipment are important factors. The purpose of this section is to set forth the standards which are to be followed in selecting the location for the installation of electronic equipment and the methods of mounting this equipment.

b. SCOPE.—The material in this section covers the standards to be taken into consideration in selecting the location for various types of electronic equipment and methods of mounting the same. Available Electronic Equipment Installation Plans and Hull Foundation Standard Plans are listed in this section.

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**3-2. EQUIPMENT LOCATION.**

a. ACCESSIBILITY.—Equipment shall be installed to facilitate access for purposes of maintenance, adjustment, or repair. The space behind certain equipment, such as front-serviced electronic equipment deck-mounted adjacent to bulkheads, will be inaccessible after installation of the equipment. This factor shall be considered in selecting the location of wireways, stuffing tube areas and other permanent fittings behind such equipment. Permanently mounted equipment shall be kept clear of routes required for the removal of machinery as far as practicable. Equipment such as controllers and panels shall be completely accessible for operation, repair, renewal of fuses and testing. The location of motor-generators and rectifiers shall include, where practicable, space and clearances for dismantling within the compartment.

b. HEAT ZONES.—Electronic antennas shall be protected as much as possible from heat and stack gases within the boundaries established by the appropriate equipment specifications and the electronic guidance plans. Equipment shall be located to insure adequate natural cooling and to avoid excessive heating. In so far as practicable, equipment shall not be located in spaces above or adjacent to heat producing apparatus, piping, ducts, or thermal insulation barriers where high local ambient temperatures may occur.

c. HABITABILITY.—Habitability features shall not be reduced during installation. Wiring and equipment shall be located to present a neat appearance in living spaces without unnecessarily obstructing passageways or reducing headroom. Clear headroom in walking areas shall be six feet, three inches minimum. Minimum clear width of passageways through living spaces shall be 36 inches.

d. VIEW OBSTRUCTION.—The view and the lines of sight from ship control bridges, air defense stations and directors shall be maintained. The view aft from the navigating bridge and flag bridge shall be unobstructed. Fittings shall be located to avoid lines of sight or fire from the armament.

e. MANUALLY OPERATED UNITS.—Manually operated switches, patch panels, and control units shall be located in a position that is convenient for the operator. They shall be attached to, or installed very near to the unit controlled in such a manner that their faces are parallel to and in the same plane as the front of the units. Remotely controlled units, such as tuners used in antenna circuits, shall be located with the shortest practicable length of transmission line between the controller and the unit. Switches controlling any single electronic system shall be located and grouped to prevent inadvertent switching of other systems.

f. MOTORS AND GENERATORS.—Motors and generators shall be installed with the axis of rotation as nearly horizontal and parallel to the centerline of the ship as practicable.

g. SERVICE RECEPTACLES.—Receptacles installed in electronic spaces (for use with portable lights, tools, portable electronics test equipment and soldering devices) shall be located within five feet of the equipment to be serviced. Receptacles and switch receptacles may be mounted either in a vertical or horizontal position on the bulkheads.

h. OPERATING CONTROLS AND EQUIPMENT.—Microphones, indicators, receptacles, and switches or other operating controls shall be located to be easily visible and accessible. Equipment shall be located using the following requirements as a guide:

(1) INTERIOR LOCATIONS.—Locations for equipment shall be dry and well ventilated to permit normal heat dissipation. Equipment shall be installed in locations which will readily permit accessibility and servicing. Microphone and intercommunication equipment shall be located where the ambient audible noise level is a minimum, consistent with location for normal operation. Equipments which can interact due to electromagnetic or electrostatic fields shall be separated as far as practicable.

(2) WEATHER LOCATIONS.—Locations which afford the maximum protection from the weather shall be used. Equipment in exposed locations shall have the operating controls facing aft.

i. BEARING INDICATING EQUIPMENT.—When installed in stations having outside vision, indicating equipment having a lubbers line or dial indications which are definitely related to the ship's fore-and-aft orientation shall be located in such a manner that when the observer faces forward to view the dial, "starboard" and "right" indications are viewed at the observer's right and "port" and "left" indications are viewed at the observer's left.

j. TELEPHONE EQUIPMENT.—Telephones shall be installed in locations that afford maximum usefulness, intelligibility, audibility and accessibility, consistent with proper protection of equipment and user from the weather, the noise and shock of gunfire and other interferences.

k. CONTROL STATIONS.—In control stations, equipment and actuating gear which are associated as to a purpose shall be grouped together for ease of observation and operation.

l. BATTLE DAMAGE.—Electronic equipment shall be located where it will have maximum practicable protection from battle damage.

m. CATHODE RAY TUBES.—Electronic equipment containing cathode ray tubes shall be installed so it is not subject to external magnetic fields greater than 3.0 gauss.

n. MAGNETIC COMPASS.—In the vicinity of a magnetic compass, electronic equipment shall be located at a sufficient distance to prevent compass deviation in excess of 1/4 degree.

o. FLOOD PROTECTION.—To reduce the possibility of short circuits in electric and electronic equipment caused by partial flooding of watertight spaces in which the equipment is located, and to protect equipment from accidental

mechanical injury, the following requirements shall apply and their applications shall be such as to avoid unnecessary weight or height of the installation.

(1) **UNIT INSTALLATION HEIGHT.**—Motor controllers, power distribution panels, and similar equipment shall be installed, as far as practicable, so the tops of the enclosing cabinets are not more than seven feet from the deck. Their lowest terminals or energized parts shall not be lower than the terminals or energized parts of motors or other power consuming equipment connected thereto. If practicable, equipment shall be mounted at a height that will minimize accidental mechanical injury.

(2) **UNIT INSTALLATION LOW LIMITS.**—Transformers, motors, motor-generators, controllers and rectifiers (except those mounted on machinery room gratings) shall be located, in so far as practicable, with terminals or energized parts not lower than the access door sills in the main boundary bulkheads of watertight spaces in which they are located.

(3) **BOX INSTALLATION HEIGHTS.**—Fuse boxes, terminal boxes, feeder connection terminal boxes and feeder

junction fuse boxes shall be installed on bulkheads preferable at a height of not over seven feet. Where this is impracticable, and if approval is granted, the boxes may be installed up to a height of nine feet; or on the overhead, provided the deck height does not exceed nine feet and the minimum headroom under the boxes will not be less than seven feet.

(4) **EQUIPMENT RECEPTACLE CONNECTORS.**—Receptacle connectors for equipment usually located in fixed positions shall be installed adjacent to the usual locations of the equipment served. Receptacles shall be located so as not to be subject to water splashing or spray through open airports.

(5) **HAND OPERATED APPLIANCES.**—Hand-operated appliances, including switch boxes, individual switches, receptacles with switches, pushbuttons and other similar appliances shall be installed on bulkheads at a height of not more than six feet above the deck.

(6) **WORK BENCH RECEPTACLES.**—Switches and receptacles located on bulkheads above work benches shall be installed at least six inches above the top of the bench.

p. **WATER SPRAY PROTECTION.**—Equipment shall be so located or protected that water or spray entering through open hatches or collecting in ventilation ducts will not drip, splash or be blown onto it.

q. **OTHER CONSIDERATIONS.**—Approved methods of cable and equipment segregation, bonding and grounding, shielding, interference suppression devices, and other means of confining electrical energy; shall be used in the installation of electronic and associated equipment. Personnel involved in the installation of electronic equipment shall familiarize themselves with Section 10 of this publication.

r. **INSTALLATION PLANS.**—NAVSHIPS 900, 153, Bureau of Ships Shipboard Electronic Installation Plans, contains typical equipment location and arrangement plans for electronic equipment. Outline and mounting dimensions, assembly instructions and interconnection wiring plans are included. Table 2-1 contains a listing, alphabetically by type of equipment, of all current plans contained in NAVSHIPS 900,153. Table 2-2 contains a listing of the latest revisions of Electronic Installation Plans and table 2-3 contains a listing of the new plans which are available.

TABLE 2-1. ELECTRONIC EQUIPMENT INSTALLATION PLANS.

DWG NO.	TYPE	EQUIPMENT	DWG CONTENT
RE 10B 2192 A	AB-15/GR	Mast Base (For Lead-In Using BNC Connectors)	Assembly Instructions
RE 10C 2198 B		Adaptor Control For Use With AN/URC-7 When Used With 12 Wire Control System	Schematic
RE 89D 2006 D	AEW	IFF	Interconnection Wiring Dia.
RE 67D 2129 A	AFSAV 34C	Subcarrier FM Demodulator	Outline Mounting Dimensions
RE 67C 2115 A	AFSAV 39C	Two Channel ReKeyer	Outline Mounting Dimensions
RE 67D 2107 A	AFSAX 500	Typical Equipment Layout	
RE 50D 2015 A	AM-215B/U	A.F. Amplifier	Outline Mounting Dimensions & Cabling Diagram
RE 50D 2022 A	AM-215D/U	A.F. Amplifier	Outline Mounting Dimensions
RE 65C 2148 E	AM-293/UPX	Video Amplifier	Interconnection Wiring Dia.
RE 65H 2621 A	AM-293A/UPX	Modified As Indicator Adaptor	Assembly & Schematic
RE 78D 2178 A	AM-355A/UQR	AF-RF Amplifier, DT-143/UQR Hydrophone	External Cabling Diagram
RE 78D 2179 A	AM-355A/UQR	AF-RF Amplifier, DT-143/UQR Hydrophone	Interconnection Wiring Dia.
RE 78D 2180 A	AM-355A/UQR	AF-RF Amplifier	Outline Mounting Dimensions
RE 65F 2492 A	AM-518/SSA	Basic Radar System	Interconnection Wiring Dia.
RE 50D 2030 A	AM-1365/URT	Radio Frequency Amplifier	Outline Mounting Dimensions
RE 50C 2044 A	AM-2123/U	Amplifier Radio Frequency	External Cabling Diagram
RE 50C 2043 A	AM-2123/U	Amplifier Radio Frequency	Outline Mounting Dimensions
RE 66D 2141 A	AMB Type 2.3 NS 13	Antenna Assembly	Outline Mounting Dimensions
RE 66C 2142 A	AMB Type 2.3 NS 13	Antenna Assembly	Pictorial System Diagram
RE 36D 2017 C	AN/APN-84	Radio Set Shoran	External Cabling Diagram & Interconnection Wiring Dia
RE 36F 2005 B	AN/APN-84	Radio Set Shoran	Outline Mounting Dimensions
RE 65D 2231 A	AN/APX-6	Radar Identification Set	External Cabling Diagram
RE 65D 2228 A	AN/APX-6	Radar Identification Set	Outline Mounting Dimensions
RE 65F 2223 A	AN/APX-7	Radar Recognition Set	Outline Mounting Dimensions
RE 10F 2158 B	AN/ARA-25	Direction Finder Group	Outline Mounting Dimensions
RE 10F 2170 B	AN/ARA-25	Direction Finder Group For Use With AN/ARC-27	Interconnection Wiring Dia.
RE 46D 2013 A	AN/ARC-27	Radio Set	Connection & Cable Assembly
RE 46D 2011 A	AN/ARC-27	Radio Set	External Cabling Diagram
RE 46D 2018 B	AN/ARC-27	Radio Set	Outline Mounting Dimensions
RE 46D 2028 A	AN/ARC-27	Radio Set	Outline Mounting Dimensions
RE 46D 2012 A	AN/ARC-27	Radio Set	Schematic & Panel Layout
RE 46D 2024 A	AN/ARN-6	Radio Compass	Interconnection Wiring Dia.
RE 56F 2020 A	AN/ARN-6	Radio Compass	Outline Mounting Dimensions
RE 52D 2005 A	AN/ART-13	Radio Transmitter	Interconnection Wiring Dia.
RE 10H 2207 B	AN/BDQ-3	Radiation Monitoring Set	Outline Mounting Dimensions
RE 10F 2209 B	AN/BDQ-3	Radiation Monitoring Set	Outline Mounting Dimensions
RE 100D 2017H	AN/BLR-1	Countermeasure D/F Antenna	Outline Mounting Dimensions
RE 8D 2019 C	AN/BLR-1	Subs Countermeasure	System
RE 8H 2763 F	AN/BLR-2	Surface Ships ECM, One Indicator	System
RE 66F 2132 A	AN/BPA-6	Antenna Group	Pictorial System Diagram
RE 66H 2136 A	AN/BPA-6	Antenna Group	Interconnection Wiring Dia.
RE 66F 2135 A	AN/BPA-6	Antenna Group	Outline Mounting Dimensions
RE 66F 2137 A	AN/BPA-6	Antenna Group	Primary Power Distribution Diagram
RE 65D 2647 A	AN/BPQ-1	Radar Course Directing Central	Outline Mounting Dimensions
RE 65C 2642 A	AN/BPQ-1	Radar Course Directing Central (115 V. Transmit Power)	Distribution Diagram
RE 65F 2136 B	AN/BPS-2	Radar Set	Outline Mounting Dimensions
RE 65F 2197 D	AN/BPS-4	Radar Set	Outline Mounting Dimensions
RE 78F 2161 A	AN/BQA-1	Sonar Train Group	Interconnection Wiring Dia.
RE 78F 2160 B	AN/BQA-1	Sonar Train Group	Outline Mounting Dimensions
RE 78Z 2004 A	AN/BQC-1	Sonar Set	Outline Mounting Dimensions
RE 78Z 2005 A	AN/BQC-1	Sonar Set	Schematic
RE 60F 2009 C	AN/BQM-1	Sonar Test Set	Outline Mounting Dimensions & Interconnection Wir. Dia.
RE 10J 2019 A	AN/BQN-1	Sonar Sounding Set	Interconnection Wiring Dia.
RE 10J 2018 A	AN/BQN-1	Sonar Sounding Set	Outline Mounting Dimensions
RE 78H 2364 B	AN/BQN-4	Sounding Set Sonar	Outline Mounting Dimensions
RE 78H 2366 A	AN/BQN-4	Sounding Set Sonar	Pictorial System Diagram
RE 78H 2365 B	AN/BQN-4	Sounding Set Sonar	Primary Power & Inter-connection Wiring Diagram

TABLE 2-1. ELECTRONIC EQUIPMENT INSTALLATION PLANS.

DWG NO.	TYPE	EQUIPMENT	DWG CONTENT
RE 78J 2027 A	AN/BQR-1	Sonar Set	Outline Mounting Dimensions & External Cabling Diagram
RE 78D 2211 E	AN/BQR-2B	Sonar Set	External Cabling Diagram
RE 78H 2215 D	AN/BQR-2B	Sonar Set	Interconnection Wiring Dia.
RE 78F 2207 F	AN/BQR-2B	Sonar Set	Outline Mounting Dimensions
RE 78H 2039 C	AN/BQR-3	Sonar Set	Interconnection Wiring Dia.
RE 78D 2038 D	AN/BQR-3	Sonar Set	Outline Mounting Dimensions
RE 78H 2123 C	AN/BQR-3A	Sonar Set	Interconnection wiring Dia.
RE 78F 2118 B	AN/BQR-3A	Sonar Set	Outline Mounting Dimensions
RE 78F 2020 A	AN/BQR-4	Sonar Hydrophone	Outline Mounting Dimensions
RE 78H 2067 B	AN/BQR-4	Sonar Set	Interconnection Wiring Dia.
RE 78F 2273 A	AN/BQR-4A	Field Change 2	Installation Details
RE 78F 2132 B	AN/BQR-4A	Sonar Set	Interconnection Wiring Dia.
RE 78F 2131 B	AN/BQR-4A	Sonar Set	Outline Mounting Dimensions
RE 78D 2052 C	AN/BQR-6	Sonar Set	Interconnection Wiring Dia.
RE 78D 2046 E	AN/BQS-2	Scanning Sonar	External Cabling Diagram
RE 78F 2036 F	AN/BQS-2	Sonar Set	Outline Mounting Dimensions
RE 78D 2053 A	AN/BQS-3	Sonar Set With Capsule	External Cabling Diagram
RE 78F 2072 A	AN/BQS-3	Sonar Set with Capsule	Interconnection Wiring Dia.
RE 78F 2056 A	AN/BQS-3	Sonar Set With Capsule	Outline Mounting Dimensions
RE 78D 2049 A	AN/BQS-3	Sonar Set Without Capsule	External Cabling Diagram
RE 78F 2050 A	AN/BQS-3	Sonar Set Without Capsule	Interconnection Wiring Dia
RE 78F 2055 A	AN/BQS-3	Sonar Set Without Capsule	Outline Mounting Dimensions
RE 78H 2355 B	AN/BQS-4	Detecting-Ranging Set Sonar	Interconnection Wiring & Cabling Diagram
RE 78H 2354 C	AN/BQS-4	Detecting-Ranging Set Sonar	Outline Mounting Dimensions
RE 78H 2357 C	AN/BQS-4	Detecting-Ranging Set Sonar	Pictorial System Diagram
RE 78H 2356 C	AN/BQS-4	Detecting-Ranging Set Sonar	Primary Power Distribution Diagram
RE 47D 2008 A	AN/BRA-3	Tuning Group, Antenna	Interconnection Wiring & Cabling Diagram
RE 78F 2136 C	AN/BSH-2	Sonar Set	Dimensions, Outline Mounting Cabling Diagram, Interconnection
RE 65F 2543 A	AN/CPN-6	Radar Beacon	Interconnection Wiring Dia.
RE 67D 2026 A	AN/FGC-11	Teletypewriter Set	Outline Mounting Dimensions
RE 67D 2022 A	AN/FGC-11	Teletypewriters (TT-45/FG)	Outline Mounting Dimensions
RE 50C 2036 A	AN/FLA-2	Modulator-Demodulator Group	Cabling Diagram
RE 50C 2035 A	AN/FLA-2	Modulator-Demodulator Group	Cable Running Sheet
RE 50C 2034 A	AN/FLA-2	Modulator-Demodulator Group	Outline Mounting Dimensions
RE 50C 2037 A	AN/FLA-2	Modulator-Demodulator Group	Pictorial System Diagram
RE 50D 2038 A	AN/FLA-2	Modulator-Demodulator Group	Primary Power Distribution Diagram
RE 10D 2169 A	AN/FMQ-2A	Radiosonde Receptor	Outline Mounting Dimensions
RE 78D 2294 B	AN/FQM-1	Test Set, Sonar	External Cabling Diagram
RE 78D 2290 A	AN/FQM-1	Test Set, Sonar	Cable Running Sheets
RE 78C 2295 A	AN/FQM-1	Test Set, Sonar	Interconnection Wiring & Cabling Diagram
RE 78D 2296 A	AN/FQM-1	Test Set, Sonar	Outline Mounting Dimensions
RE 78D 2291 A	AN/FQM-1	Test Set, Sonar	Outline Mounting Dimensions
RE 78C 2293 A	AN/FQM-1	Test Set, Sonar	Pictorial System Diagram
RE 78D 2292 A	AN/FQM-1	Test Set, Sonar	Primary Power Distribution Diagram
RE 23D 2067 A	AN/FSA-17	Console Group Communications Control	Tank Modification
RE 23D 2066 A	AN/FSA-17	Console Group Communications Control	Cable Running Sheets
RE 23D 2065 A	AN/FSA-17	Console Group Communications Control	Interconnection Wiring Dia.
RE 46D 2015 A	AN/GRC-3 or 5	Radio Set	Outline Mounting Dimensions
RE 46C 2074 A	AN/GRC-10	Radio Set	Interconnection Wiring Dia.
RE 46C 2072 A	AN/GRC-10	Radio Set	Outline Mounting Dimensions
RE 43D 2011 A	AN/GRC-10	Radio Set (8 Voice Circuits & 8 Teletype Circuits)	System Installation Plan
RE 46D 2022 F	AN/GRC-27	Radio Set	Outline Mounting Dimensions
RE 46C 2032 A	AN/GRC-27	Radio Set Adaptor Unit	Schematic
RE 10F 2182 A	AN/SAT-2	Transmitting Set, Infrared	Outline Mounting Dimensions
RE 67F 2122 A	AN/SGA-2	Teletypewriter Group	Interconnection Wiring Dia.
RE 67D 2138 A	AN/SGA-3	Teletypewriter Code Group	Outline Mounting Dimensions
			Installation Methods

TABLE 2-1. ELECTRONIC EQUIPMENT INSTALLATION PLANS.

DWG NO.	TYPE	EQUIPMENT	DWG CONTENT
RE 67D 2139 A RE 67F 2001 A RE 67F 2112 A	AN/SGA-3 AN/SGC-1 AN/SGC-1A	Teletypewriter Code Group Teletype Terminal Set Radio Teletype Terminal Set	Outline Mounting Dimensions Interconnection & Cabling Diagram With Outline Mounting Dimensions
RE 100D 2027A	AN/SLA-1	Mounting Bracket Space Requirements	
RE 60D 2049 A RE 60D 2048 A	AN/SLA-2 & AN/SLA-2A AN/SLA-2 & AN/SLA-2A	Pulse Analyzer Group Pulse Analyzer Group	Interconnection Wiring Dia. & External Cabling Diagram Outline Mounting Dimensions
RE 100C 2034C	AN/SLA-3	Antenna Group	External Cabling Diagram & Outline Mounting Dimensions
RE 100C 2047A RE 100D 2037C RE 100F 2011N RE 8F 2550 F RE 100D 2030D RE 100D 2005K RE 46F 2079 A RE 46H 2078 A RE 46H 2000 A RE 46H 2097 A	AN/SLA-3 AN/SLA-3 AN/SLR-2 AN/SLR-2 AN/SLR-3 AN/SLT-1 AN/SMD-1 AN/SMD-1 AN/SMD-1A AN/SMD-1A	Antenna Group Antenna Group Countermeasure Receiving Set Surface Vessel Countermeasures Receiving Set Fundamental Data Requirements Radiosonde Receptor Radiosonde Receptor Radiosonde Receptor Console OA-779 Radiosonde Receptor	Interconnection Wiring Dia. Outline Mounting Dimensions Primary Power Distribution Diagram Outline Mounting Dimensions Pictorial System Diagram Primary Power Distribution Diagram Interconnection Wiring Dia. Outline Mounting Dimensions
RE 46F 2112 A RE 46F 2113 A RE 46H 2111 A	AN/SMQ-1 AN/SMQ-1 AN/SMQ-1	Receptor, Radiosonde Receptor, Radiosonde Receptor, Radiosonde	Outline Mounting Dimensions Pictorial System Diagram Primary Power Distribution Diagram Interconnection Wiring Dia. Outline Mounting Dimensions
RE 65F 2334 B RE 65D 2138 B RE 24A 2038 A	AN/SPA-4 AN/SPA-4 AN/SPA-4A	Basic Radar System Range-Azimuth Indicator Order Circuit Modification for Operation With NT-24786 Selector Switch Range Azimuth Indicator	Outline Mounting Dimensions Interconnection Wiring & Cabling Diagram Outline Mounting Dimensions Interconnection Wiring Dia. Interconnection Wiring Dia. Outline Mounting Dimensions Interconnection Wiring Dia. Outline Mounting Dimensions
RE 65F 2259 C RE 65F 2340 C	AN/SPA-4A AN/SPA-4A AN/SPA-4B	Range Azimuth Indicator Basic Radar System	Outline Mounting Dimensions Interconnection Wiring & Cabling Diagram Outline Mounting Dimensions
RE 65F 2685 A RE 65F 2338 B RE 65F 2341 C RE 65J 2260 C RE 65F 2662 B RE 55F 2002 B	AN/SPA-4B AN/SPA-8 AN/SPA-8A, B AN/SPA-8A, B AN/SPA-8C AN/SPA-8C & AN/SPA-33	Basic Radar System Basic Radar System Radar Repeater Azimuth Range Indicator Azimuth Range Indicator	Interconnection Wiring Dia. Interconnection Wiring Dia. Outline Mounting Dimensions Interconnection Wiring Dia. Outline Mounting Dimensions
RE 65F 2339 B RE 65H 2692 A	AN/SPA-9 AN/SPA-15 & AN/SPA-26(V)	Basic Radar System Plotting Group Radar Data & Indicator Control Group	Interconnection Wiring Dia. External Cabling Diagram
RE 65H 2693 A	AN/SPA-15 & AN/SPA-26(V)	Plotting Group Radar Data & Indicator Control Group	Interconnection Wiring Dia.
RE 65F 2656 C	AN/SPA-15 & AN/SPA-26(V)	Plotting Group, Radar Data & Indicator Control Group	Outline Mounting Dimensions
RE 65F 2439 B RE 65F 2422 A RE 65F 2423 A RE 65F 2424 A RE 65H 2745 A RE 65H 2744 A	AN/SPA-18 AN/SPA-18 AN/SPA-19 AN/SPA-19 AN/SPA-22 AN/SPA-22	Range Azimuth Indicator Moving Target Indicator Group Moving Target Indicator Group Intercept Tracking & Control Group Intercept Tracking & Control Group	Interconnection Wiring Dia. Outline Mounting Dimensions Interconnection Wiring Dia. Outline Mounting Dimensions External Cabling Diagram Interconnection Wiring Dia.
RE 65D 2743 A	AN/SPA-22	Intercept Tracking & Control Group	Outline Mounting Dimensions
RE 65H 2746 A	AN/SPA-22	Intercept Tracking & Control Group	Primary Power Distribution Diagram
RE 65F 2623 A RE 65D 2703 A RE 65D 2702 B RE 65D 2705 A RE 65D 2704 A	AN/SPA-26 AN/SPA-31 AN/SPA-31 AN/SPA-32 AN/SPA-32	Indicator Control Group Indicator Group Indicator Group Indicator Group Indicator Group	Outline Mounting Dimensions Interconnection Wiring Dia. Outline Mounting Dimensions Interconnection Wiring Dia. Outline Mounting Dimensions
RE 65F 2718 A RE 65F 2581 A RE 65D 2268 E RE 65F 2205 A RE 65F 2385 B	AN/SPA-33 AN/SPN-4 AN/SPN-6 AN/SPN-11 AN/SPN-11	Azimuth Range indicator Radar Set Radar Set Series	Interconnection Wiring Dia. Interconnection Wiring Dia. Outline Mounting Dimensions Outline Mounting Dimensions Interconnection Wiring Dia.

TABLE 2-1. ELECTRONIC EQUIPMENT INSTALLATION PLANS.

DWG NO.	TYPE	EQUIPMENT	DWG CONTENT
RE 65F 2407 B	AN/SPN-12	Radar Set	Interconnection Wiring Dia.
RE 65F 2408 A	AN/SPN-12	Radar Set	Outline Mounting Dimensions
RE 65F 2583 A	AN/SPN-13		Interconnection Wiring Dia.
RE 36C 2049 A	AN/SPN-20	Beacon, Radio	External Cabling Diagram
RE 36C 2048 A	AN/SPN-20	Beacon, Radio	Pictorial System Diagram
RE 36C 2050 A	AN/SPN-20	Beacon, Radio	Running Sheets
RE 65D 2468 A	AN/SPQ-2	Radar Set	External Cabling Diagram
RE 65D 2469 A	AN/SPQ-2	Radar Set	Outline Mounting Dimensions
RE 65D 2470 A	AN/SPQ-2	Radar Set	Pictorial Diagram
RE 65D 2471 A	AN/SPQ-2	Radar Set	Primary Power Distribution Diagram
RE 100F 2024C	AN/SPR-2	RADCM Intercept System	External Cabling Diagram
RE 100C 2023C	AN/SPR-2	RADCM Space (AN/APR-9)	Arrangement
RE 52C 2099 B	AN/SPS-T1{}	Radar Simulator	Interconnection Wiring Dia.
RE 52D 2100 A	AN/SPS-T1{}	Radar Simulator	Outline Mounting Dimensions
RE 65F 2737 A	AN/SPS-T2	Trainer Radar	Cable Running Sheets
RE 65F 2734 A	AN/SPS-T2	Trainer Radar	External Cabling Diagram
RE 65F 2733 A	AN/SPS-T2	Trainer Radar	Outline Mounting Dimensions
RE 65F 2735 A	AN/SPS-T2	Trainer Radar	Pictorial System Diagram
RE 65F 2736 A	AN/SPS-T2	Trainer Radar	Primary Power Distribution Diagram
RE 65F 2284 B	AN/SPS-4	Radar Set	Outline Mounting Dimensions
RE 65F 2325 B	AN/SPS-5	Basic Radar System	Interconnection Wiring Dia.
RE 65D 2239 A	AN/SPS-5	Radar Set	
RE 65D 2488 A	AN/SPS-5	Radar Interference Field Change, Pulse	Cable Assembly Detail
RE 65F 2194 C	AN/SPS-5	Radar Set	Outline Mounting Dimensions
RE 65C 2464 A	AN/SPS-5B	Antenna Cable Joiner	
RE 65F 2316 B	AN/SPS-6, 6A, 6B	Basic Radar System	Interconnection Wiring Dia.
RE 10J 631 B	AN/SPS-6, 6A, 6B	Radar Sets	Outline Mounting Dimensions
RE 65F 2318 D	AN/SPS-6C	Radar Set	Interconnection Wiring & Cabling Diagram
RE 65F 2258 B	AN/SPS-6C	Radar Set	Outline Mounting Dimensions
RE 65F 2323 B	AN/SPS-8	Basic Radar System	Interconnection Wiring Dia.
RE 65F 2261 C	AN/SPS-8	Radar Set	Outline Mounting Dimensions
RE 65F 2417 C	AN/SPS-8A		Interconnection Wiring Dia.
RE 65F 2683 A	AN/SPS-8A	Field Change 6 Video Integrator	Interconnection Wiring & Cabling Diagram
RE 65F 2682 A	AN/SPS-8A	Field Change 6 Video Integrator	Outline Mounting Dimensions
RE 65F 2410 D	AN/SPS-8A	Radar Set	Outline Mounting Dimensions
RE 65F 2680 A	AN/SPS-8B	Radar Set	External Cabling Diagram
RE 65F 2687 A	AN/SPS-8B	Radar Set	Interconnection Wiring Dia.
RE 65F 2684 A	AN/SPS-8B	Radar Set	Outline Mounting Dimensions
RE 65F 2315 C	AN/SPS-10		Interconnection Wiring & Cabling Diagram
RE 65F 2076 F	AN/SPS-10	Radar	Outline Mounting Dimensions
RE 65F 2328 A	AN/SPS-10	Radar Set Emergency Control	External Cabling Diagram
RE 65F 2069 D	AN/SPS-12	Radar	Outline Mounting Dimensions
RE 65F 2301 B	AN/SPS-12	Radar Set Waveguide Run	
RE 49D 2018 A	AN/SPS-12	Waveguide Fittings	
RE 65F 2671 B	AN/SPS-17	Radar Set	External Cabling Diagram
RE 65F 2674 B	AN/SPS-17	Radar Set	Interconnection Wiring Dia.
RE 65F 2666 A	AN/SPS-17	Radar Set	Outline Mounting Dimensions
RE 65F 2686 C	AN/SPS-17	40 Foot Antenna	Outline Mounting Dimensions
RE 65F 2433 A	AN/SPS-21		Interconnection Wiring Dia.
RE 65D 2640 D	AN/SPS-28	Radar Set	External Cabling Diagram
RE 65F 2650 D	AN/SPS-28	Radar Set	Interconnection Wiring & Cabling Diagram
RE 65D 2635 D	AN/SPS-28	Radar Set	Outline Mounting Dimensions
RE 65H 2697 D	AN/SPS-29	Radar Set	External Cabling Diagram
RE 65H 2711 B	AN/SPS-29	Radar Set	Interconnection Wiring Dia.
RE 65H 2696 F	AN/SPS-29	Radar Set	Outline Mounting Dimensions
RE 65F 2717 C	AN/SPS-29	Radar Set	Water Piping Diagram
RE 65F 2698 A	AN/SPS-35	Radar Set	Interconnection Wiring Dia.

TABLE 2-1. ELECTRONIC EQUIPMENT INSTALLATION PLANS.

DWG NO.	TYPE	EQUIPMENT	DWG CONTENT
RE 65D 2699 A	AN/SPS-35	Radar Set	Outline Mounting Dimensions
RE 65F 2700 A	AN/SPS-36	Radar Set	Interconnection Wiring Dia.
RE 65D 2701 A	AN/SPS-36	Radar Set	Outline Mounting Dimensions
RE 78A 2167 A	AN/SQA-4	Range Recorder	
RE 78D 2096 A	AN/SQA-4	Sonar Set	Outline Mounting Dimensions
RE 78H 2214 A	AN/SQA-5	Sonar Hoist Transducer Group	Interconnection Wiring Dia.
RE 78D 2212 A	AN/SQA-5	Sonar Hoist Transducer Group	Outline Mounting Dimensions
RE 78F 2063 A	AN/SQG-4	Sonar Equipment	External Cabling Diagram
RE 78H 2372 A	AN/SQN-8	Sounding Set Sonar	Outline Mounting Dimensions
RE 78H 2374 A	AN/SQN-8	Sounding Set Sonar	Pictorial System Diagram
RE 78H 2373 A	AN/SQN-8	Sounding Set Sonar	Primary Power Distribution & Interconnection Wir. Dia.
RE 65F 2435 A	AN/SQQ-14	Data Stabilization Set Basic Radar System	Interconnection Wiring Dia.
RE 78D 2089 A	AN/SQR-3, 4	Sonar Sets	External Cabling Diagram
RE 78H 2327 A	AN/SQR-8A	Receiving Set, Sonar	Interconnection Wiring & Cabling Diagram
RE 78D 2329 A	AN/SQR-8A	Receiving Set, Sonar	Outline Mounting Dimensions
RE 78F 2328 A	AN/SQR-8A	Receiving Set, Sonar	Pictorial System Diagram
RE 78H 2330 A	AN/SQR-8A	Receiving Set, Sonar	Primary Power Distribution Diagram
RE 78D 2059 B	AN/SQS-1	Sonar Set	External Cabling Diagram
RE 78F 2035 A	AN/SQS-1	Sonar Set	Outline Mounting Dimensions
RE 78D 2079 A	AN/SQS-4	Sonar Fundamental Data Requirements	
RE 78D 2103 A	AN/SQS-4	Sonar Set	External Cabling Diagram
RE 78F 2166 C	AN/SQS-4	Sonar Set	External Cabling Diagram
RE 78C 2321 A	AN/SQS-4	Sonar Set	Outline Mounting Dimensions
RE 78D 2201 B	AN/SQS-4	Target Course Projector	Outline Mounting Dimensions
RE 78H 2205 B	AN/SQS-4 Mod 1	Sonar Transducer	Outline Mounting Dimensions
RE 78H 2206 A	AN/SQS-4 Mod 2	Sonar Transducer	Outline Mounting Dimensions
RE 78H 2326 A	AN/SQS-4A	Sonar Set	Interconnection Wiring & Cabling Diagram
RE 78D 2323 A	AN/SQS-4A	Sonar Set	Outline Mounting Dimensions
RE 78F 2324 A	AN/SQS-4A	Sonar Set	Pictorial System Diagram
RE 78H 2325 A	AN/SQS-4A	Sonar Set	Primary Power Distribution Diagram
RE 78F 2084 B	AN/SQS-10	Sonar Set Modification of Wiring	
RE 78D 2088 A	AN/SQS-10	Sonar Sets (AN/SQS-10A, 11, 11A)	External Cabling Diagram
RE 78H 2282 A	AN/SQS-10, 10A, 11, 11A	FC #7, FC #6, FC #6, FC #7	
RE 78F 2137 A	AN/SQS-11	Sonar Set	Modification of Wiring
RE 78D 2232 A	AN/SQS-15	Amplidyne Motor-Generator	Outline Mounting Dimensions
RE 78F 2227 A	AN/SQS-15		Connection Wiring Diagram
RE 78D 2218 A	AN/SQS-15	Controller	Outline Mounting Dimensions
RE 78F 2229 A	AN/SQS-15	Detecting Set, Mine	Pictorial System Diagram
RE 78D 2217 A	AN/SQS-15	Hydraulic Pumping Unit	Outline Mounting Dimensions
RE 78F 2228 A	AN/SQS-15	Hydro-Electric	Schematic Diagram
RE 78H 2386 A	AN/SQS-20, 21	Sonar Set	Interconnection Wiring Dia.
RE 78H 2385 A	AN/SQS-20, 21	Sonar Set	Outline Mounting Dimensions
RE 78H 2387 A	AN/SQS-20, 21	Sonar Set	Pictorial System Diagram
RE 78H 2388 A	AN/SQS-20, 21	Sonar Set	Primary Power Distribution Diagram
RE 78H 2379 B	AN/SQS-23	Detecting-Ranging Set Sonar	External Cabling Diagram
RE 78H 2362 B	AN/SQS-23	Detecting-Ranging Set Sonar	Outline Mounting Dimensions
RE 78H 2348 B	AN/SQS-29, 30, 31, 32	Detecting-Ranging Set Sonar	External Cabling Diagram
RE 78H 2347 A	AN/SQS-29, 30, 31, 32	Detecting-Ranging Set Sonar	Outline Mounting Dimensions
RE 78H 2383 A	AN/SQS-29, 30, 31, 32	Detecting-Ranging Set Sonar	Pictorial System Diagram
RE 78H 2369 A	AN/SQS-T3A	Trainer Sonar	Interconnection Wiring Dia.
RE 78F 2368 A	AN/SQS-T3A	Trainer Sonar	Outline Mounting Dimensions
RE 78H 2371 A	AN/SQS-T3A	Trainer Sonar	Pictorial System Diagram
RE 78H 2370 A	AN/SQS-T3A	Trainer Sonar	Primary Power Distribution Diagram
RE 66D 2016 C	AN/SRA-3	Antenna Group	
RE 53D 2001 A	AN/SRA-9	Antenna Filter Assembly	Outline Mounting Dimensions
RE 53C 2007 B	AN/SRA-12	Filter Assembly, Electrical	External Cabling Diagram
RE 53C 2020 B	AN/SRA-12	Filter Assembly, Electrical	Outline Mounting Dimensions

TABLE 2-1. ELECTRONIC EQUIPMENT INSTALLATION PLANS.

DWG NO.	TYPE	EQUIPMENT	DWG CONTENT
RE 53F 2013 C	AN/SRA-12	Filter Assembly, For Receiving Antenna	Installation Details
RE 66D 2138 A	AN/SRA-17( )	Antenna Group	Outline Mounting Dimensions
RE 66D 2139 A	AN/SRA-17( )	Antenna Group	Pictorial System Diagram
RE 47C 2015 A	AN/SRA-20	Antenna Tuning Group	Cable, Plug & Connector Assembly
RE 47C 2014 A	AN/SRA-20	Antenna Tuning Group	External Cabling Connectors
RE 47C 2012 C	AN/SRA-20	Antenna Tuning Group	Outline Mounting Dimensions
RE 47D 2011 B	AN/SRA-20	Antenna Tuning Group	Schematic For Use With SSB-1 Transceiver
RE 47D 2010 C	AN/SRA-22	Antenna Tuning Group	Pictorial Outline & Mounting Dimensions
RE 46D 2014 D	AN/SRC-10( )	Radio Set	Outline Mounting Dimensions
RE 46D 2026 B	AN/SRC-13( )	Radio Set	Outline Mounting Dimensions
RE 36F 2024 B	AN/SRD-7	Direction Finder Set	Interconnection Wiring Dia.
RE 36D 2025 B	AN/SRD-7	Direction Finder Set	Outline Mounting Dimensions
RE 69H 2002 A	AN/SRD-9	Direction Finder Set	Outline Mounting Dimensions
RE 36D 2060 A	AN/SRN-2	Radio Receiver Set	Interconnection Cabling Dia
RE 36C 2056 A	AN/SRN-2	Radio Receiving Set	System Diagram
RE 89H 2012 B	AN/SRN-6	Radio Set	External Cabling Diagram
RE 89H 2011 A	AN/SRN-6	Radio Set	Interconnection Wiring Dia.
RE 89F 2010 A	AN/SRN-6	Radio Set	Outline Mounting Dimensions
RE 46C 2116 A	AN/SRN-7	Receiving Set Radio	External Cabling Diagram
RE 46C 2115 A	AN/SRN-7	Receiving Set Radio	Interconnection Wiring Dia.
RE 46C 2114 A	AN/SRN-7	Receiving Set Radio	Outline Mounting Dimensions
RE 10D 2157 A	AN/SRR-4, AN/UPX	Rack & Service Tray	Typical Arrangement
RE 65F 2327 B	AN/SRR-4 & KY-71/UPX	Basic Radar System	Interconnection Wiring Dia.
RE 46B 2009 B	AN/SRR-11, 12, 13	Radio Receivers	Outline Mounting Dimensions & External Cabling Diagram
RE 46D 2021 A	AN/SRR-11, 12, 13	Radio Receivers	Outline Mounting Dimensions
RE 52F 2026 B	AN/SRT-14	Radio Transmitter	Outline Mounting Dimensions
RE 66B 2120 A	AN/SRT-14, 15, 16	Whip Antenna Termination	
RE 66B 2119 A	AN/SRT-14, 15, 16	Wire Antenna Termination	
RE 52F 2029 C	AN/SRT-15	Radio Transmitter	Interconnection Wiring Dia.
RE 52D 2028 A	AN/SRT-15	Radio Transmitter	Outline Mounting Dimensions
RE 52D 2030 A	AN/SRT-16	Radio Transmitter	Outline Mounting Dimensions
RE 52F 2093 A	AN/SRT-16	Radio Transmitter Set with Sub. Tuner & Antenna Switching System	Interconnection Diagram
RE 100D 2020D	AN/SSQ-8	Stabilization Data Set	Outline Mounting Dimensions
RE 65D 2235 C	AN/SSQ-14	Stabilization Data Set	Outline Mounting Dimensions
RE 52C 2050 A	AN/TCC-3	Telephone Terminal	Outline Mounting Dimensions
RE 65H 2639 A	AN/TPS-1D & AN/UPX-1	Dual Installation	Block Diagram
RE 43H 2017 A	AN/TPS-1E	Radio Set	Outline Mounting Dimensions (FC #10)
RE 43D 2018 A	AN/TPS-1E	Radio Set	Outline Mounting Dimensions (FC #10)
RE 43D 2019 A	AN/TPS-1E	Radio Set	Pictorial System Diagram (FC #10)
RE 60B 2005 A	AN/TSM-8	Vibration Measuring Set	
RE 60D 2004 A	AN/TSQ-4	Temperature Measuring Set	Outline Mounting Dimensions
RE 67F 2179 A	AN/UGC-1	Terminal Telegraph	Interconnection Wiring & Cabling Diagram
RE 67F 2180 A	AN/UGC-1	Terminal Telegraph	Outline Mounting Dimensions Primary Power & External Cabling Diagram
RE 67D 2169 A	AN/UGC-9	Terminal Telegraph	Outline Mounting Dimensions & Interconnection Wir. Dia.
RE 10D 2278 A	AN/UGH-1	Reproducer Set Sound	Outline Dimensions
RE 100C 2026D	AN/ULR-1	Receiving Equipment	Space Arrangement
RE 46D 2003 C	AN/UMQ-3	Low Level Atmosphere Sound Equipment	
RE 60D 2031 D	AN/UPA-22, 23	Antennas	Outline Dimensions

TABLE 2-1. ELECTRONIC EQUIPMENT INSTALLATION PLANS.

DWG NO.	TYPE	EQUIPMENT	DWG CONTENT
RE 65F 2497 A	AN/UPA-22, 23	Basic Radar System	Interconnection Wiring Dia.
RE 65F 2356 E	AN/UPA-24	Decoder Group	Interconnection Wiring Dia.
RE 65D 2348 C	AN/UPA-24	Decoder-Group	Outline Mounting Dimensions
RE 65D 2426 B	AN/UPA-38	Coder Group	Outline Mounting Dimensions
RE 65C 2427 B	AN/UPA-39	Video Coder-Decoder	Outline Mounting Dimensions
RE 65F 2130 B	AN/UPM-4A	MK-10 IFF	Outline Mounting Dimensions
RE 60F 2000 B	AN/UPM-6B	Test Equipment	Outline Mounting Dimensions
RE 65F 2545 A	AN/UPM-8	Radar Test Set	Interconnection Wiring Dia.
RE 60D 2030 A	AN/UPM-45	Oscilloscope	Outline Mounting Dimensions
RE 60D 2031 A	AN/UPM-70	Test Set, Radar	Outline Mounting Dimensions & Cabling Diagram
RE 65F 2548 A	AN/UPN-7	Basic Radar System	Interconnection Wiring Dia.
RE 65F 2549 A	AN/UPN-11	Radar Beacon	Interconnection Wiring Dia.
RE 66F 2097 A	AN/UPN-12	Antenna Coupler, Loran	Outline Mounting Dimensions
RE 65C 2430 A	AN/UPX()	Antenna Modification Kit	
RE 65F 2092 E	AN/UPX-1	Radar Identification Set, Auxiliary Equipment	Outline Dimensions
RE 65F 2029 E	AN/UPX-1	Radar Identification Set	Outline Dimensions
RE 10D 2156 B	AN/UPX-1	Radar Recognition Set, Rack Service Tray	Typical Arrangement
RE 65D 2081 B	AN/UPX-1 & SR-2	Radar	Interconnection Wiring Dia.
RE 65F 2331 C	AN/UPX-1A	(RT-194A & KY-61/F)	Interconnection Wiring Dia.
RE 65F 2584 A	AN/UPX-5		Interconnection wiring Dia.
RE 65D 2030 C	AN/UPX-5		Outline Mounting Dimensions
RE 65F 2453 C	AN/UPX-5	With AN/UPA-38	Interconnection Wiring & Cabling Diagram
RE 78F 2045 E	AN/UQC-1	Sonar Equipment Submarine Installation	Interconnection Wiring Dia.
RE 78J 2006 A	AN/UQC-1	Sonar Set	Outline Mounting Dimensions
RE 78Z 2007 B	AN/UQC-1	Sonar Set	System Diagram
RE 78F 2306 A	AN/UQM-1	Test Set, Sonar	Pictorial System Diagram
RE 78F 2002 B	AN/UQN-1A	Sounding Equipment	Outline Mounting Dimensions
RE 78J 2017 D	AN/UQN-1A, 1B	Sonar Sounding Set	Interconnection Wiring Dia.
RE 78F 2068 E	AN/UQN-1B, 1C 1D	Sonar Sounding Set	Outline Mounting Dimensions Interconnection Wiring Dia.
RE 78D 2109 C	AN/UQN-2	Sonar Sounding Set	Outline Mounting Dimensions External Cabling Diagram
RE 78F 2142 B	AN/UQN-2, AN/UQN-2A	Sonar Sounding Set For D. C. Operation	Outline Mounting Dimensions External Cabling Diagram
RE 78D 2048 A	AN/UQS-1	Sonar Set	External Cabling Diagram
RE 78F 2051 B	AN/UQS-1	Sonar Set	Outline Mounting Dimensions
RE 78F 2074 C	AN/UQS-1	Sonar Model Proposed Sea Chest Assembly	
RE 78F 2106 C	AN/UQS-1B	Sonar Set	Outline Mounting Dimensions
RE 78C 2114 B	AN/UQS-1B, 1C	Sonar Set	Interconnection Wiring Dia.
RE 78H 2284 A	AN/UQX-4	Sonar Set	Interconnection Wiring & Cabling Diagram
RE 78H 2285 A	AN/UQX-4	Sonar Set	Outline Mounting Dimensions
RE 78D 2288 A	AN/UQX-4	Sonar Set	Outline Mounting Dimensions
RE 78D 2287 A	AN/UQX-4	Sonar Set	Pictorial System Diagram
RE 78H 2286 A	AN/UQX-4	Sonar Set	Primary Power Distribution Diagram
RE 67D 2017 C	AN/URA-6, 8	Frequency Shift Converter	Outline Mounting Dimensions
RE 67F 2013 F	AN/URA-8A	Frequency Shift Converter	Outline Mounting Dimensions
RE 67D 2020 B	AN/URA-8B	Frequency Shift Converter	Outline Mounting Dimensions
RE 50D 2032 B	AN/URA-24, 25	Antenna Coupler Group	Outline Mounting Dimensions
RE 50D 2033 B	AN/URA-24, 25	Antenna Coupler Group	System Interconnection
RE 43C 2016 A	AN/URC-7()	Radio Set	Outline Mounting Dimensions
RE 84D 2000 A	AN/URC-9	Control, Radio Set	Outline Mounting Dimensions
RE 43D 2010 F	AN/URC-32	Single Sideband Transceiver	Outline Mounting Dimensions
RE 69D 2000 F	AN/URD-2	Radio Direction Finder	Outline Mounting Dimensions
RE 100C 2025D	AN/URD-4	Direction Finder Set	Cabling Diagram
RE 100D 2033C	AN/URD-4	Direction Finder Set	External Cabling Diagram
RE 36F 2016 B	AN/URD-4	Direction Finder Set	Interconnection Wiring Dia.
RE 60D 2003 B	AN/URM-50		Outline Mounting Dimensions
RE 60A 2010 B	AN/URM-50	R. F. Monitor	Installation Details

TABLE 2-1. ELECTRONIC EQUIPMENT INSTALLATION PLANS.

DWG NO.	TYPE	EQUIPMENT	DWG CONTENT
RE 36F 2004 G	AN/URN-3	Radio Navigation Set & Antenna Group	Outline Mounting Dimensions
RE 36C 2079 A	AN/URN-3	Power Supply Test Set Group OA-500/URN-3	Pictorial Diagram
RE 36C 2080 A	AN/URN-3	Test Equipment	Interconnection Wiring & Cabling Diagram
RE 35D 2003 C	AN/URQ-9( )	Frequency Standard	Outline Dimensions
RE 46D 2010 A	AN/URR-12	Receiver	Outline Mounting Dimensions
RE 46F 2007 A	AN/URR-13	Radio Receiver	Outline Mounting Dimensions
RE 46C 2017 A	AN/URR-21	Radio Receiving Set	Outline Mounting Dimensions
RE 46F 2033 D	AN/URR-22 & AN/URR-44	Radio Receiver	Outline Mounting Dimensions & External Cabling Diagram
RE 46C 2034 A	AN/URR-30	Radio Receiver	Outline Mounting Dimensions
RE 46C 2061 A	AN/URR-35	Radio Receiver Set	External Cabling Diagram
RE 46C 2062 A	AN/URR-35	Radio Receiver Set	Interconnection Wiring Dia.
RE 46C 2063 A	AN/URR-35	Radio Receiver Set	Primary Power Distribution Diagram
RE 46F 2064 A	AN/URR-35	Radio Receiving Set	Outline Mounting Dimensions
RE 46C 2059 A	AN/URR-35A	Radio Receiver Set	External Cabling Diagram
RE 46C 2058 A	AN/URR-35A	Radio Receiver Set	Outline Mounting Dimensions
RE 46C 2060 A	AN/URR-35A	Radio Receiver Set	Primary Power Distribution Diagram
RE 10C 2155 A	AN/URT-2, 3, 4	Transmitter Group	Typical Arrangement
RE 10C 2145 B	AN/URT-2, 3, 4	Transmitting Equipment	External Cabling Diagram
RE 10F 2021 K	AN/URT-2, 3, 4	Transmitting Equipment	Outline Mounting Dimensions
RE 66B 2060 B	AN/URT-2, 3, 4	Whip Antenna Termination	
RE 66B 2061 B	AN/URT-2, 3, 4	Wire Antenna Termination	
RE 52D 2002 A	AN/URT-6, 7, 10	Radio Transmitting Sets	Outline Mounting Dimensions
RE 52C 2098 B	AN/URT-17	Radio Transmitter	Outline Mounting Dimensions
RE 60D 2006 A	AN/USM-25B	Oscilloscope	Outline Mounting Dimensions
RE 67D 2120 A	AN/UXC-2	Telegraph Multiplex Set	Cable Running Sheet
RE 67F 2117 A	AN/UXC-2	Telegraph Multiplex Set, Console	Interconnection Wiring Dia.
RE 67F 2116 A	AN/UXC-2	Telegraph Multiplex Set	Outline Mounting Dimensions
RE 67D 2119 A	AN/UXC-2	Telegraph Multiplex Set	Primary Power Diagram
RE 67D 2118 A	AN/UXC-2	Telegraph Multiplex Set (Radio Frequency Oscillator O-216/U)	Pictorial System Diagram
RE 46D 2016 A	AN/VRQ-1, 2, 3	Radio Set	Outline Mounting Dimensions
RE 91D 2043 A	AN/WLR-1	Indicator ECM System	External Cabling Diagram
RE 91D 2047 A	AN/WLR-1	Receiving Set, Countermeasures	Antenna Switching Circuit
RE 46F 2121 A	AN/WLR-1	Receiving Set Countermeasures	Pictorial System Diagram
RE 46F 2122 A	AN/WLR-1	Receiving Set Countermeasures	Primary Power Distribution Diagram
RE 91D 2034 A	AN/WLR-3	Receiving Set Countermeasures	Cable Running Sheets
RE 91D 2031 A	AN/WLR-3	Receiving Set Countermeasures	Interconnection Wiring Dia.
RE 91F 2030 A	AN/WLR-3	Receiving Set Countermeasures	Outline Mounting Dimensions
RE 91C 2032 A	AN/WLR-3	Receiving Set Countermeasures	Primary Power Distribution Diagram
RE 91F 2033 B	AN/WLR-3	Receiving Set Countermeasures Submarine	Pictorial System Diagram
RE 91H 2035 A	AN/WLR-3	Receiving Set Countermeasures	Suggested Enclosing Case For Surface Vessels
RE 91C 2039 A	AN/WLR-3	Receiving Set Countermeasures Surface Ships	External Cabling Diagram
RE 65D 2747 A	AN/WPA-2	Coder-Monitor Group	Interconnection Wiring Dia.
RE 65F 2719 A	AN/WPA-2	Coder-Monitor Group	Outline Mounting Dimensions
RE 65D 2748 A	AN/WPA-2	Coder-Monitor Group	Primary Power Distribution Diagram
RE 43D 2021 A	AN/WPN-1	Beacon Set, Radio	Interconnection Wiring Dia.
RE 43D 2020 A	AN/WPN-1	Beacon Set, Radio	Outline Mounting Dimensions
RE 43D 2023 A	AN/WPN-1	Beacon Set, Radio	Pictorial System Diagram
RE 43D 2022 A	AN/WPN-1	Beacon Set, Radio	Primary Power Distribution Diagram
RE 78F 2138 E	AN/WQA-1	Sonar Keyer Group	Outline Mounting Dimensions Interconnection Wiring Dia.

TABLE 2-1. ELECTRONIC EQUIPMENT INSTALLATION PLANS.

DWG NO.	TYPE	EQUIPMENT	DWG CONTENT
RE 43D 2014 A	AN/WRA-1	TBL Series, SSB Field Change Kit	Outline Mounting Dimensions
RE 65D 2665 B	AN/WRR-1( )	Radio Receiving Set	Interconnection Wiring Dia.
RE 65D 2657 B	AN/WRR-1( )	Receiver	Outline Mounting Dimensions
RE 46D 2110 A	AN/WRR-2	Radio Receiver Set	Outline Mounting Dimensions
RE 52F 2096 A	AN/WRT-1	Transmitter Set, Radio	Outline Mounting Dimensions
RE 52F 2106 A	AN/WRT-1	Transmitting Set, Radio	Interconnection Wiring Dia.
RE 52D 2108 A	AN/WRT-1	Transmitting Set, Radio	Pictorial System Diagram
RE 52H 2107 A	AN/WRT-1	Transmitting Set, Radio	Primary Power & Control Dia.
RE 66D 2141 A	AMB Type 2.3 NS 13	Antenna Assembly	Outline Mounting Dimensions
RE 66C 2142 A	AMB Type 2.3 NS 13	Antenna Assembly	Pictorial System Diagram
RE 66F 559 B		Antenna Clamps for Shipboard Antenna System	
RE 10C 2112 D		Antenna Safety Link	
RE 66F 451 A		Antennas Arrangement of Duplex Radio	
RE 66B 2057 A		Antenna System Using CU-284/UR	
RE 49F 680 D		Antenna Transfer Panel	
RE 65F 2496 A	AS-177/UPX	Radar Antenna	Interconnection Wiring Dia.
RE 66D 2038 A	AS-177(XN-1)/ UPX	Antenna, Radiation Patterns	Outline Mounting Dimensions
RE 66D 2039 A	AS-295A/UP	Antenna, Radiation Patterns	Outline Mounting Dimensions
RE 66F 2014 A	AS-390/SRC	Antennas (AT-150/SRC)	Outline Mounting Dimensions
RE 66F 2040 E	AS-393/BLR-1	Antenna Snorkel Installation	Outline Mounting Dimensions
RE 66F 2130 A	AS-571/SLR	Antenna	Outline Mounting Dimensions
RE 100D 2019K	AS-571/SLR C-1213A/SLR AM-1017/SLR	Antenna Assembly Control Indicator & Amplifier Magnetic Control	Outline Mounting Dimensions
RE 66F 2129 A	AS-616( )/SLR	Antenna	Outline Mounting Dimensions
RE 100D 2035G	AS-616/SLR	Antenna	Outline Mounting Dimensions
RE 100B 2050A	AS-616/SLR	Antenna, Electrical	Interconnection Wiring Dia.
RE 100B 2049A	AS-616/SLR	Antenna, Electrical	Schematic
RE 100B 2051A	AS-616/SLR	Antenna, Electrical	Wire Running Table
RE 66C 2088 A	AS-668/SR	Antenna	Outline Mounting Dimensions
RE 66F 2076 A	AS-668/SR	Sector Array Antenna	
RE 66D 2094 B	AS-768/GR & AS-768A/GR	Antennas	Outline Mounting Dimensions
RE 65H 2670 A	AS-828/SPS	Antenna	Outline Mounting Dimensions
RE 66H 2128 A	AS-828A/SPS	Antenna	Outline Mounting Dimensions
RE 66F 2117 B	AS-933/SR	Lightweight Sector Array Antenna For UHF Radio	
RE 73D 2098 D	AT-177A/SG	Sonar Transducer	Installation Data
RE 66D 2008 C	AT-274/BRC	Underwater Loop for Submarines	
RE 66B 2087 A	AT-458/SR	Antenna	Outline Mounting Dimensions
RE 36D 2085 A	AT-592/URN-3	Monitor, Antenna for AN/URN-3	Typical Arrangement
RE 46C 2105 D		Blower Assembly Field Change for AN/URN-13, 13A, 13B, 27, 35, 35A Receivers	
RE 66F 2140 A		Broad Band Receiving Whip 15-30 MC	Details & Dimensions
RE 67B 2029 A	C-1004/SG	Transmitter-Teletypewriter Control	Outline Mounting Dimensions
RE 10D 701 B	C-1004A/SG	Transmitter Teletypewriter Control	
RE 65F 2495 A	C-1008/UFA-24	Radar Set Control	Interconnection Wiring Dia.
RE 46F 2050 B	C-1180/GRC-27	Control Radio Set	External Connections & Outline Mounting Dimensions
RE 24B 2035 B	C-1277/SR	Selector Switch Box	Outline Mounting Dimensions
RE 84D 2001 A	C-1360A/SRT	Control Monitor	Outline Mounting Dimensions
RE 23D 2030 A	C-1670/U	Control, Antenna	Outline Mounting Dimensions
RE 23F 2052 A	C-1920/FSA-T1	Controller, Vehicle Deactivation	Panel Assembly
RE 55D 2011 A	C-2456/SP	Control Indicator	Outline Mounting Dimensions
RE 61F 298 C	C-61475	Insulator, Entrance	Assembly
RE 23D 2000 F		Cable & Harness Assemblies A & B For Use with Type SB-82/SRR Receiver Panel	

TABLE 2-1. ELECTRONIC EQUIPMENT INSTALLATION PLANS.

DWG NO.	TYPE	EQUIPMENT	DWG CONTENT
RE 10F 2175 A		Cable Splicing Rack For RG-85/U Coax Cable	
RE 10B 2172 A	CAKB-10631	Automatic Air Dryer	Outline Mounting Dimensions
RE 78D 2233 A		Chair, Operator's	Outline Mounting Dimensions
RE 10D 2195 A		Clip, For Type 5 Synchro	Mounting Dimensions
RE 78D 2230 A	CN-154/U	Voltage Regulator	Outline Mounting Dimensions
RE 30C 2001 C	CN-186/U	Voltage Regulator	Outline Mounting Dimensions
RE 20D 2010 A	CN-377/U	Voltage Regulator	Outline Mounting Dimensions
RE 24D 2006 A		Coaxial, Switch	Outline Mounting Dimensions
RE 66F 2089 A		Control Circuits, UHF Directional Antenna System	Schematic
RE 30C 2002 B		Converter AC - DC	Outline Mounting Dimensions
RE 10F 2217 A	CP-175()/U	Computer, Navigational	Outline Mounting Dimensions
RE 10F 2218 A	CP-175()/U	Computer, Navigational	Primary Power Distribution Diagram
RE 10C 2205 B	CP-304/BDQ	External Connections For Gamma Channel	Terminal Connection Diagram
RE 10C 2201 A	CP-304/BDQ-1	Computer Indicator Radiac (GAMMA)	Outline Mounting Dimensions
RE 10C 2202 A	CP-306/BDQ-1	Computer-Detector-Indicator, Radiac (Air Particle)	Outline Mounting Dimensions
RE 10C 2206 A	CP-306/BDQ-1 & CP-337/BDQ-1A	External Connections for Air Particle Channels	Terminal Connection Diagram
RE 10C 2203 A	CP-337/BDQ-1A	Computer-Detector-Indicator, Radiac (Air Particle)	Outline Mounting Dimensions
RE 64F 2004 A	C.R.T.	Cursor Unit	
RE 66D 2047 A	CU-274/UR	Antenna Multicoupler	Outline Mounting Dimensions
RE 66D 2068 A	CU-284/UR	Antenna Coupler	External Cabling Diagram
RE 66D 2067 A	CU-284/UR	Antenna Coupler	Outline Mounting Dimensions
RE 66B 2113 A	CU-291/GRD	Coupling Networks	Cable Running Sheets
	CU-292/GRD & CU-293/GRD		
RE 66B 2109 A	CU-291/GRD	Coupling Networks	Outline Mounting Dimensions
	CU-292/GRD & CU-293/GRD		
RE 66B 2112 A	CU-291/GRD	Coupling Networks	Schematic Diagram
	CU-292/GRD & CU-293/GRD		
RE 66B 2110 A	CU-291/GRD	Coupling Networks	System Diagram
	CU-292/GRD & CU-293/GRD		
RE 66B 2111 A	CU-291/GRD	Coupling Networks	Wiring Diagram
	CU-292/GRD & CU-293/GRD		
RE 66D 2066 A	CU-332/UR	Antenna Coupler	Outline Mounting Dimensions
RE 66D 2095 A	CU-377/UR	Antenna Coupler	Outline Mounting Dimensions
RE 66D 2114 A	CU-377/UR	Antenna Coupler	Outline Mounting Dimensions
RE 52F 2091 A	CU-402/SRT	Coupler Transmitter	Outline Mounting Dimensions
RE 36C 2054 A	CU-468/SPN-20	Coupler Antenna	Outline Mounting Dimensions
RE 36B 2057 A	CU-498/SRN-2	Antenna Coupler	Outline Mounting Dimensions
RE 50D 2045 A	CU-737/URC	Coupler-Monitor	Outline Dimensions
RE 69C 2014 A	CV-53/URD-4	Converter, Signal Data	Outline Mounting Dimensions
RE 67F 2034 A	CV-172A/U	Frequency Shift Converter	Outline Mounting Dimensions & External Connections
RE 67F 2099 A	CV-216/URR	Single Sideband Converter	Outline Mounting Dimensions
RE 69C 2016 A	CV-538/URD-4	Converter, Signal Data	Cable Running Sheets
RE 69H 2017 A	CV-538/URD-4	Converter, Signal Data	Interconnection Wiring & Cabling Diagram
RE 69D 2015 A	CV-538/URD-4	Converter, Signal Data	Pictorial System Diagram
RE 60C 2013 A	CV-538/URD-4	Converter, Signal Data	Primary Power Distribution Diagram
RE 50C 2039 A	CV-591()/URR	Converter, Single Sideband, For Use Of Two CV-591/URR Converters With One R-390A/URR	Interconnection Wiring Dia.
RE 50D 2031 B	CV-591/URR, CV-657/URR	Converter, Single Sideband	Outline Mounting Dimensions
RE 78F 2011 E	CW-177/U		Outline Mounting Dimensions
RE 78F 2023 A	CW-177/U	60" Rubber Dome Topside Mounted	
RE 78Z 2000 A	CW-177/U	60" Sonar Dome	Drilling Template
RE 78F 2289 B	CW-177C/U	Sonar Dome 60" Non-Magnetic	Installation Drawing
RE 78F 2252 E	CW-307B/U	Sonar Dome 60" Rubber Covered	Outline Mounting Dimensions
RE 78D 2340 B	CW-307C/U	60" Steel Sonar Dome	Outline Mounting Dimensions

TABLE 2-1. ELECTRONIC EQUIPMENT INSTALLATION PLANS.

DWG NO.	TYPE	EQUIPMENT	DWG CONTENT
RE 78H 2341 A	CW-351A/SQS-4	100" Steel Sonar Dome	Outline Mounting Dimensions
RE 78H 2243 E	CW-405/SQS-4	185" Sonar Dome Assembly	Outline Mounting Dimensions
RE 78D 2238 A	CW-406/BQR-2B	Sonar Dome	Outline Mounting Dimensions
RE 78F 2297 E	CW-438/SQS-4	Sonar Dome	Outline Mounting Dimensions
RE 78D 2367 A	CW-454/SQS-4	360" Steel Sonar Dome	Outline Mounting Dimensions
RE 78F 2283 A	CXRD	Reinforcement of Dome	
RE 78C 2300 A	CXRP	Mine Classifier	Outline Mounting Dimensions
RE 78D 2301 A	CXRP	Mine Classifier	Outline Mounting Dimensions
RE 78F 2302 A	CXRP	Mine Classifier	Pictorial System Diagram
RE 65C 2676 A	CXRX	Dummy Load & Capacitor Assembly (Units 9 & 10)	Outline Mounting Dimensions
RE 65D 2673 A	CXRX	Field Change 1 Video Integrator	Interconnection Wiring Dia.
RE 65D 2672 A	CXRX	Field Change 1 Video Integrator	Outline Mounting Dimensions
RE 65F 2675 A	CXRX	Motor Generator Group (Unit 8)	Outline Mounting Dimensions
RE 65D 2677 A	CXRX	Radar Modulator (Units 4, 7, 5, 2, 6 & 3) Radar Control, Power Control, Dehydrator Pressurizing, Radar Set Control, Radar Receiver Transmitter Group	Outline Mounting Dimensions
RE 65H 2678 A	CXRX	Radar Set	Interconnection Wiring Dia.
RE 65H 2679 A	CXRX	Radar Set	Pictorial System Diagram
RE 10D 2280 A	CY-979()/URR	Cabinet Electrical Equipment	Outline Mounting Dimensions
RE 43D 2007 E	CY-979/URR	Case	Outline Mounting Dimensions
RE 10D 2281 A	CY-979A/URR	Cabinet Electrical Equipment	Outline Mounting Dimensions
RE 53F 2017 B	CY-1913/U	Filter Box, Electrical	Outline Mounting Dimensions
RE 53F 2018 B	CY-1913/U	Radar Filtering Radio Interference	Interconnection Wiring Dia.
RE 10D 2219 A	CY-2416/U	Cabinet, Electrical Equipment	Outline Mounting Dimensions
RE 78D 2032 A	CZL 51074	Hydrophone (Improved JT)	Wire Assembly Detail
RE 10D 2279 A	DA-91/U	Dummy Load Electrical	Outline Mounting Dimensions
RE 10C 2210 A	DA-177/U	Dummy Load	Outline Mounting Dimensions
RE 10C 2277 A	DA-177A/U	Dummy Load Electrical	Outline Mounting Dimensions
RE 10C 2186 A		Desk, Radio Operator's (Special Purpose)	Outline Dimensions
RE 78D 2332 B	DI-1	Echo Sounder	Outline Mounting Dimensions
RE 78D 2181 A	DT-143/UQR	Hydrophone	Outline Mounting Dimensions
RE 78F 2239 B	DT-171/BQR-3	Hydrophone (For JT, AN/BQR-3 & AN/BQR-3A) Sonar Set	Outline Mounting Dimensions
RE 10C 2204 A	DT-174/BDQ-1	Detector, Radiac, (GAMMA)	Outline Mounting Dimensions
RE 78D 2077 A	E-2/S	Replacement Reel for Bathy-thermograph	
RE 78D 2145 A	E-14/S	Bathythermograph Hoist	Outline Mounting Dimensions & Primary Power Diagram
RE 78H 2219 A	E-22/SQS-15	Sonar Hoist	Outline Mounting Dimensions
RE 8H 3712 A	ECM System	Using AN/BLR-1, AN/WLR-3 & OA-532/BLR-1	
RE 53C 2012 A	F-98/U	Filter Assembly, Electrical	Interconnection Wiring Dia.
RE 53C 2011 B	F-98/U	Filter Assembly, Electrical	Outline Mounting Dimensions
RE 53F 2004 B	F-160/SRT	Filter Assembly, Electrical	Outline Mounting Dimensions
RE 53C 2010 A	F-246/U	Filter, Low Pass	
RE 10C 683 B		Fairing Hydrophone	
RE 78C 2265 A		Fairing Wood, For 185" Dome	Installation Details
RE 91A 2037 A		Field Change For D/F Video Control Additional To AN/WLR-3	
RE 10D 2173 A		First Fresnel Zone	Radii For 1700-1850 M.C.
RE 60F 2011 B	FR-4/U	Frequency Meter	Outline Mounting Dimensions
RE 8D 3665 B		Guided Missile Ships Drone Control System	
RE 49D 641 A	HN Types	Connector	Assembly
RE 66B 2064 B		Horizontal Transmitting Wire Antenna Installation	
RE 78D 2231 A	ID-495/SQS-15	Depth Indicator	Outline Mounting Dimensions
RE 36C 2058 A	ID-540/SRN-2	Position Indicator	Outline Mounting Dimensions
RE 10F 2208 C	IM-134/WDQ	Radiacmeter (GAMMA)	Outline Mounting Dimensions

TABLE 2-1. ELECTRONIC EQUIPMENT INSTALLATION PLANS.

DWG NO.	TYPE	EQUIPMENT	DWG CONTENT
RE 62B 2002 A		Impedance Matching Equipment	External Cabling Diagram
RE 62B 2001 A		Impedance Matching Equipment	Outline Mounting Dimensions
RE 61F 203 W		Insulator, Entering Small	
RE 65D 2139 B	IP-99/SP	Range Indicator	Outline Mounting Dimensions
RE 65F 2491 A	IP-99/SP, IP-99A/SP	Basic Radar System	Interconnection Wiring Dia.
RE 46D 2042 A	IP-206/URR	Panoramic Indicator	Outline Mounting Dimensions
RE 78C 2031 A	JT	Hydrophone Baffle & Coupling	
RE 78F 2216 E	JT, AN/BQR-3, AN/BQR-4	Plastic Sonar Dome For Hydrophones	Outline Mounting Dimensions
RE 67F 2108 A		Keyer	Outline Mounting Dimensions
RE 10F 2266 A		Keyer Adaptor	External Connection & Outline Mounting Dimensions
RE 67F 2109 A		Keyers, Navigation	Basic Communication System Interconnection Wiring Plan
RE 67D 2057 B	KY-44B/FX	Keyer Adaptor	Outline Mounting Dimensions
RE 65D 2144 A	KY-71/UPX	Video Decoder	Outline Mounting Dimensions
RE 67D 2025 A	KY-75/SRT	Frequency Shift Keyer	Outline Mounting Dimensions
RE 65F 2520 B	KY-80/UPA-24	Video Decoder	Interconnection Wiring & Cabling Diagram
RE 10D 2146 D	KY-83()/S	Keyer Adaptor	Outline Mounting Dimensions
RE 67D 2056 A	KY-106/SRN	Keyer	Outline Mounting Dimensions
RE 67F 2058 A	KY-122/URN	Keyer	Outline Mounting Dimensions & Interconnection Wir. Dia.
RE 10D 2200 A		Lightening Rod For AN/URN-3	Typical Arrangement
RE 10D 2163 A		Low Frequency Antenna Multi- coupler	Outline Mounting Dimensions
RE 49D 2021 A	LS-166/U	Loudspeaker	Outline Mounting Dimensions
RE 49D 2014 A	LS-195/U	Loudspeaker, Dynamic	Outline Mounting Dimensions
RE 50C 2042 A	MD-150/SRT	Modulator, Radio	Identification of Terminals
RE 50F 2040 A	MD-150/SRT	Modulator, Radio	Outline Mounting Dimensions
RE 50D 2041 A	MD-150/SRT	Modulator, Radio	Primary Power Distribution Diagram
RE 10D 2150 B	ME-55/SSA	Electronic Volt Meter	Outline Mounting Dimensions
RE 65F 2538 A	MK-2 Mod 1A	Gyro Compass Dg Synchro Amplifier	Interconnection Wiring Dia.
RE 65F 2540 A	MK-2 Mod 2A	Gyro Compass Synchro Amplifier	Interconnection Wiring Dia.
RE 65F 2537 A	MK-3 Mod 1	Gyro Compass Synchro Amplifier	Interconnection Wiring Dia.
RE 65F 2539 A	MK-3 Mod 2	Gyro Compass Synchro Amplifier	Interconnection Wiring Dia.
RE 65F 2626 A	MK-8 Mod 4	Gyro Compass Synchro Amplifier	Interconnection Wiring & Cabling Diagram
RE 66F 2133 A	MK-440/BPA-6	Installation Kit Electronics Equipment	Assembly
RE 66F 2134 A	MK-440/BPA-6	Installation Kit Electronics Equipment	List of Material
RE 43D 2024 A	MK-446A/URC-32	Installation Kit Electronics Equipment	Pictorial System & Fabri- cation Plan
RE 36D 2084 A	MK-1627/URN-3	Monitor, Radio Frequency	Pictorial System Diagram
RE 67D 2027 A	Model 15	Teletypewriter	Outline Mounting Dimensions
RE 46C 2073 A	MT-700/GRC-10	Mounting	Outline Mounting Dimensions
RE 10C 2193 B	MT-791/U	Mounting	Outline Mounting Dimensions External Connection Assembly & Details
RE 46D 2103 A	MT-1589,GRC-27A	Mounting Rack	Outline Mounting Dimensions
RE 65F 2233 A	MX-969/SPA-4A	Reflectoroscope	Outline Mounting Dimensions
RE 49D 619 C	MX-1203/U & MX-1203A/U	End Seals For Use With RG-17/U Cable	Assembly Instructions
RE 65F 2236 A	MX-1339/UP	Adaptor Indicator	Outline Mounting Dimensions
RE 65F 2354 B	MX-1339/UP	Indicator Adaptor	Interconnection Wiring Dia.
RE 65D 2283 C	MX-1369/UP	Trigger Mixer	Interconnection Wiring & Cabling Diagram
RE 65D 2288 B	MX-1369/UPX	Trigger Mixer	Outline Mounting Dimensions
RE 49D 689 A	MX-1397/U	End Seal	Assembly

**TABLE 2-1. ELECTRONIC EQUIPMENT INSTALLATION PLANS.**

DWG NO.	TYPE	EQUIPMENT	DWG CONTENT
RE 78D 2154 B	MX-1571/BQA-1	Pressure Capsule	Outline Mounting Dimensions & Interconnection Wir. Dia. Schematic
RE 10D 2171 F	MX-1583/SRC	Adaptor Control For Radio Sets AN/SRC-10, 10X, 11, 11X, 12, 12X, 13, 13X, 14, 14X, 15, 15X	
RE 10D 2189 B	MX-1583/SRC	Adaptor Unit	Outline Mounting Dimensions
RE 65F 2458 B	MX-1618/UP	Indicator-Adaptor	Interconnection Wiring Dia.
RE 36C 2081 A	MX-1627/URN-3	Monitor, Radio Frequency	Interconnection Wiring & Cabling Diagram
RE 36C 2082 A	MX-1627/URN-3	Monitor, Radio Frequency	Primary Power Distribution Diagram
RE 36F 2083 A	MX-1627/URN-3	Monitor, Radio Frequency System	Outline Mounting Dimensions
RE 23F 2039 A	MX-1986/SRC	Adaptor, Control	Outline Mounting Dimensions
RE 36C 2040 A		N.A.D. Beacon Positioning Mechanism	
RE 78C 2060 A	NGA	Sonar Equipment Addition Of Single Ping	Schematic
RE 65F 2303 B	NT-23 AFL	Radar Distribution Switchboard	Interconnection Wiring Dia.
RE 65F 2328 B	NT-23 AGU	Radar Distribution Switchboard	Interconnection Wiring Dia.
RE 65F 2311 B	NT-50 AFO	Radar Repeater Adaptor	Interconnection Wiring Dia.
RE 49F 142 C	NT-49063	Shielded Jack Box	Assembly
RE 49A 446 A	NT-49546	Loudspeaker Modification	
RE 61F 259 H	NT-61276 & NT-61277	Insulator, Entering and Bowl	
RE 66F 558 A	NT-66147	Radio Antenna	
RE 65F 2330 A	OA-266/SSA	Radar Distribution Group	Interconnection Wiring Dia.
RE 24F 2009 D	OA-266/SSA	Radio Frequency Switching Group	Outline Mounting Dimensions
RE 24D 2027 A	OA-266/SSA	Selector Switch Assembly Control	Schematic
RE 24D 2026 A	OA-266/SSA	Selector Switch Assembly	External Cabling Diagram
RE 24H 2034 A	OA-266B/SSA	RF Switching Group	External Dimensions
RE 100D 2046E	OA-473/SLR	Antenna Group	Interconnection Wiring Dia.
RE 100F 2036D	OA-473/SLR	Antenna Group	Outline Mounting Dimensions
RE 65F 2418 C	OA-496/SSA	Distribution Group	Interconnection Wiring Dia.
RE 65H 2362 B	OA-496/SSA	Radar Distribution Switchboard	Outline Mounting Dimensions
RE 78F 2226 A	OA-887/SQS-15	Console, Sonar	Outline Mounting Dimensions
RE 36C 2053 A	OA-949/SPN-20	Power Supply & Transmitter Group	Outline Mounting Dimensions
RE 36C 2052 A	OA-949/SPN-2C	Power Supply & Transmitter Group	Primary Power Distribution Diagram
RE 36D 2051 A	OA-951/SPN-20	Indicator Group	Outline Mounting Dimensions
RE 78H 2280 A	OA-1145/UQN-1C	Sonar Transducer Group	Outline Mounting Dimensions & Interconnection Wir. Dia.
RE 78H 2299 A	OA-1145/UQN-1C	Transducer Group, Sonar	Outline Mounting Dimensions & Interconnection Wir. Dia.
RE 23D 2048 A	OA-1146/FSA-T1	Filter Group, Coordinate Data	Rack Assembly
RE 23C 2044 A	OA-1146/FSA-T1	Rack, Filter Group, Coordinate Data	Wiring Diagram
RE 10D 2267 A	OA-1185/FSA-T1	Target Data Distribution Group	Cable Running Sheets
RE 10F 2275 A	OA-1185/FSA-T1	Target Data Distribution Group	Interconnection Wiring & Cabling Diagram
RE 10D 2269 A	OA-1185/FSA-T1	Target Data Distribution Group	Outline Mounting Dimensions
RE 10D 2268 A	OA-1185/FSA-T1	Target Data Distribution Group	Primary Power Distribution Diagram
RE 23D 2047 A	OA-1197/FSA-T1	Hit Indication Driver Group	Rack Assembly
RE 23C 2043 A	OA-1197/FSA-T1	Hit Indication Driver Group	Wiring Diagram & Primary Power Distribution Diagram
RE 23F 2050 A	OA-1197/FSA-T1	Rack, Hit Indication Driver Group	Wiring Diagram
RE 23F 2049 A	OA-1198/FSA-T1	Rack, Weapon Fire Indication Driver Group	Wiring Diagram
RE 23H 2054 A	OA-1198/FSA-T1	Rack, Weapon Fire Indication Driver Group	Wiring Diagram
RE 23H 2055 A	OA-1198/FSA-T1	Rack, weapon Fire Indication Driver Group	Wiring Diagram
RE 23C 2041 A	OA-1198/FSA-T1	Weapon Fire Indicator Driver Group	Wiring Diagram & Primary Power Distribution Diagram
RE 23C 2042 A	OA-1198/FSA-T1	Weapon Fire Indicator Driver Group	Wiring Diagram - Switching
RE 23D 2046 A	OA-1198/FSA-T1	Weapon Fire Indicator Driver	Rack Assembly
RE 10H 2216 A	OA-1199/FSA-T1	Weapons Computer	Interconnection Wiring & Cabling Diagram

TABLE 2-1. ELECTRONIC EQUIPMENT INSTALLATION PLANS.

DWG NO.	TYPE	EQUIPMENT	DWG CONTENT
RE 10H 2214 A	OA-1199/FSA-T1	Weapons Computer	Outline & System Diagram
RE 10C 2212 A	OA-1199/FSA-T1	Weapons Computer	Primary Power Distribution Diagram
RE 10H 2213 A	OA-1199/FSA-T1	Weapons Computer	Schematic Wiring Diagram
RE 10H 2215 A	OA-1199/FSA-T1	Weapons Computer	Target Wiring Schematic
RE 10D 2259 A	OA-1243/FSA-T1	Vehicle Register Converter Group	Cable Running Sheets
RE 10H 2258 A	OA-1243/FSA-T1	Vehicle Register Converter Group	Interconnection Wiring & Cabling Diagram
RE 10D 2261 A	OA-1243/FSA-T1	Vehicle Register Converter Group	Outline Mounting Dimensions
RE 10D 2260 A	OA-1243/FSA-T1	Vehicle Register Converter Group	Primary Power Distribution Diagram
RE 78H 2390 A	OA-1283/BQS-4A	Detecting-Ranging Set Group Sonar	Interconnection Wiring Dia.
RE 78H 2389 A	OA-1283/BQS-4A	Detecting-Ranging Set Group Sonar	Outline Mounting Dimensions
RE 78H 2391 A	OA-1283/BQS-4A	Detecting-Ranging Set Group Sonar	Pictorial System Diagram
RE 78H 2392 A	OA-1283/BQS-4A	Detecting-Ranging Set Group Sonar	Primary Power Distribution Diagram
RE 10D 2263 A	OA-1372/FSA-T1	Resolver Group Hit & Damage Data	Cable Running Sheets
RE 10H 2262 A	OA-1372/FSA-T1	Resolver Group Hit & Damage Data	Interconnection Wiring & Cabling Diagram
RE 10D 2265 A	OA-1372/FSA-T1	Resolver Group Hit & Damage Data	Outline Mounting Dimensions
RE 10D 2264 A	OA-1372/FSA-T1	Resolver Group Hit & Damage Data	Primary Power Distribution Diagram
RE 23H 2053 A	OA-1436/FSA-T1	Control Indicator Group	Console Assembly
RE 23C 2040 A	OA-1436/FSA-T1	Control Indicator Group, Sections 5 Through 8	Wiring Diagram
RE 23C 2045 A	OA-1436/FSA-T1	Control Indicator Group, Sections 5 Through 8	Wiring Diagram
RE 23F 2051 A	OA-1436/FSA-T1	Control Indicator Group	Wiring Diagram & Primary Power Distribution Diagram
RE 78D 2135 B	OMA-1	Noise Level Monitor & Cavitation Indicator	Interconnection Wiring Dia.
RE 78D 2134 B	OMA-1	Noise Level Monitor & Cavitation Indicator	Outline Mounting Dimensions
RE 78D 2237 A	PH-709/SQS-4	Projector, Target Course	Outline Mounting Dimensions
RE 78D 2236 A	PH-709/SQS-4	Projector, Target Course	Schematic Wiring Diagram
RE 78D 2235 A	PH-709/SQS-4	Projector, Target Course	System Pictorial Diagram
RE 10C 2197 B		Plot Room, Typical Aided	Layout
RE 20D 2004 A	PP-242/U	Power Supply	External Connections & Outline Mounting Dimensions
RE 100C 2021B	PP-326/U	Countermeasures Power Supply	Outline Mounting Dimensions
RE 20D 2003 C	PP-765/U	Power Supply	Outline Mounting Dimensions
RE 20C 2002 A	PP-811/U	Power Supply	Outline Mounting Dimensions
RE 20B 2006 A	PP-882/U	Rectifier Power Unit	Outline Mounting Dimensions
RE 20B 2007 A	PP-882/U	Rectifier Power Unit	Primary Power Distribution Diagram
RE 20H 2009 A	PP-983/UPW	Power Supply	Outline Mounting Dimensions
RE 10F 2199 A	PP-1011/UG	Power Supply	Outline Mounting Dimensions
RE 20D 2005 A	PP-1092/U	Power Supply	Outline Mounting Dimensions
RE 60D 2047 A	PS-54/URN-3	Oscilloscope	Outline Mounting Dimensions
RE 65D 2460 A	PU-115B/SP	Direction Data Converter	Outline Mounting Dimensions
RE 65F 2519 A	PU-155A/SP	Basic Radar System	Interconnection Wiring Dia.
RE 78D 2320 A	QBH-2	Herald Equipment	Cable Running Sheet
RE 78D 2319 A	QBH-2	Herald Equipment	Interconnection Wiring Dia.
RE 78D 2315 A	QBH-2	Herald Equipment	Outline Mounting Dimensions
RE 78F 2318 A	QBH-2	Herald Equipment	Outline Mounting Dimensions
RE 78D 2316 A	QBH-2	Herald Equipment	Pictorial Diagram
RE 78D 2317 A	QBH-2	Herald Equipment	Primary Power Distribution Diagram
RE 78F 2014 A	QHB-1	Proposed Mounting Method of Transducers in Dome	
RE 78D 2062 B	QXB	Sonar Receiving Equipment	External Cabling Diagram
RE 78D 2061 B	QXB	Sonar Receiving Equipment	Outline Mounting Dimensions

TABLE 2-1. ELECTRONIC EQUIPMENT INSTALLATION PLANS.

DWG NO.	TYPE	EQUIPMENT	DWG CONTENT
RE 46D 2108 A	R-389/URR & R-390()/URR	Radio Receiver	Outline Mounting Dimensions
RE 46F 2030 A	R-516/URR-27	Radio Receiver	Outline Mounting Dimensions
RE 36C 2059 A	R-736/SRN-2	Radio Receiver	Outline Mounting Dimensions
RE 46C 2107 A	R-840/URR & CV-591/URR	SSB Receiver	Outline Mounting Dimensions
RE 74D 2001 A		Radio Direction Finder Calibration Equipment	Schematic Diagram
RE 74F 2003 A		Radio Direction Finder Calibration	Follower Unit
RE 74F 2002 A		Radio Direction Finder Calibration Recorder	Unit Assembly
RE 67D 2009 E		Radio Facsimile Block Diagram	Outline Mounting Dimensions
RE 66F 513 B		Radio Installation Methods - Whip Antenna	
RE 65D 2066 A		Radiophone Adaptor (TCS Transmitter)	Schematic
RE 49F 2004 B		Radio Receptacle & Volume Control	Assembly
RE 46C 2053 A	RBS-3	Radio Receiver	External Cabling Diagram
RE 46B 2055 A	RBS-3	Radio Receiver	From-To Diagram
RE 46D 2051 A	RBS-3	Radio Receiver	Interconnection Wiring Dia.
RE 46C 2052 A	RBS-3	Radio Receiver	Outline Mounting Dimensions
RE 46B 2054 A	RBS-3	Radio Receiver	Power Distribution Diagram
RE 100F 183 B	RCM	Communication Intercept Room	Cabling Diagram
RE 100F 167 D	RCM	Typical Arrangement of RCM Transmitter Room	
RE 67F 2036 B	RD-92A/U	Facsimile Recorder	Outline Mounting Dimensions External Cabling Diagram
RE 29C 2000 A	RE-156/SLR	Relay Assembly	Outline Mounting Dimensions
RE 10F 2180 A	RE-156/SR	Relay Assembly	Outline Mounting Dimensions External Cabling Diagram
RE 66D 2070 A		Receiving Antenna, Ship Antenna Termination	
RE 66D 2059 A		Receiving Antenna Transmission Line System (Using AN/SRA-9 Antenna Filter Assembly)	Arrangement & Details
RE 66D 2058 B		Receiving Antenna Transmission Line System (Using Antenna Transfer Panel)	Arrangement & Details
RE 66B 2062 B		Receiving Wire Antenna Installation	
RE 66B 2063 B		Receiving Wire Antenna Installation	
RE 78C 2200 A		Remote Indicators	Outline Mounting Dimensions
RE 24C 2031 C		Remote Radar Selector Switch	Schematic
RE 10D 2282 A		RF Hazard Warning Signs	
RE 49D 616 B	RG-14/U	Connector	Assembly
RE 49C 2020 A	RG-109/U	Expansible Waveguide Assembly	Outline Mounting Dimensions
RE 10D 2191 A	RL-177/UG	Rewinder, Recorder Tape	Outline Mounting Dimensions
RE 78F 2361 A	RO-66A/UG	Precision Depth Recorder	Single & Multiple Recorder Hook-Up
RE 78D 2339 A	RO-78/BQR-4A	Recorder, Azimuth	Interconnection & Cabling Diagram
RE 78D 2338 A	RO-78/BQR-4A	Recorder, Azimuth	Outline Mounting Dimensions
RE 78F 2359 A	RO-80/U	Recorder Azimuth	Interconnection Wiring Dia.
RE 78F 2358 A	RO-80/U	Recorder Azimuth	Outline Mounting Dimensions
RE 78H 2360 A	RO-80/U	Recorder Azimuth	Pictorial System Diagram
RE 55D 2012 A	RO-98/U	Recorder Telegraph Code Tape	Outline Mounting Dimensions
RE 43D 2009 C	S-100	Eldico Model Single Sideband Transmitter-Receiver	Outline Mounting Dimensions & Interconnection Wir. Dia.
RE 65F 2586 A	SA-3		Interconnection Wiring & Cabling Diagram
RE 24D 2016 A	SA-131/U	RF Coaxial Switch	Outline Mounting Dimensions
RE 24F 2013 A	SA-213/U	Rotary Switch	Outline Mounting Dimensions
RE 65B 2425 A	SA-213/U or SA-233	Control Circuit	
RE 65F 2585 A	SA-220	(Dual)	Interconnection Wiring Dia.
RE 65F 2147 D	SA-220/UPX	Video Distributor	Interconnection Wiring Dia.
RE 24F 2007 B	SA-234/U	Rotary Switch	Outline Mounting Dimensions
RE 24B 2019 A	SA-242/SSA	Rotary Switch	External Cabling Diagram
RE 24D 2010 C	SA-242/SSA	Rotary Switch	Outline Mounting Dimensions

TABLE 2-1. ELECTRONIC EQUIPMENT INSTALLATION PLANS.

DWG NO.	TYPE	EQUIPMENT	DWG CONTENT
RE 24D 2030 B	SA-242A/SSA	Order Switch Modified	Internal Wiring Diagram
RE 65F 2541 A	SA-243/SSA	Basic Radar System	Interconnection Wiring Dia.
RE 24D 2011 B	SA-243/SSA	Rotary Switch	Outline Mounting Dimensions
RE 65F 2518 A	SA-247/SSA	Basic Radar System	Interconnection Wiring Dia.
RE 24D 2012 B	SA-247/SSA	Rotary Switch	Outline Mounting Dimensions
RE 24C 2017 A	SA-249/U	RF Coaxial Switch	Outline Mounting Dimensions
RE 24D 2028 A	SA-273/U	Coaxial Switch	Outline Mounting Dimensions
RE 24D 2029 A	SA-275/U	Coaxial Switch	Outline Mounting Dimensions
RE 24D 2015 A	SA-288/U	RF Coaxial Switch	Outline Mounting Dimensions
RE 24C 2022 A	SA-291/U	Coaxial Switch	Outline Mounting Dimensions
RE 65F 2444 B	SA-375/UPX	Video Distributor	Interconnection Wiring Dia.
RE 65D 2441 A	SA-375/UPX	Video Distributor	Outline Mounting Dimensions
RE 78F 2305 A	SA-394/UCM-1	Switch Box	Outline Mounting Dimensions
RE 24F 2044 A	SA-478()/URT	Switch, R.F. Transmission Line	Outline Mounting Dimensions
RE 52F 2074 A	SA-478()/URT	Switch Transmission Line	
RE 52F 2075 A	SA-479()/URT	Switch Assembly	
RE 24D 2045 A	SA-497()/URT	Switch Assembly	Outline Mounting Dimensions
RE 24D 2048 A	SA-641/U	Switch Waveguide	Outline Mounting Dimensions & Wiring Diagram
RE 24D 2049 A	SA-642/U	Switch Waveguide	Outline Mounting Dimensions & Wiring Diagram
RE 60F 2046 A	SB-82/SRR & SB-83/SRT	Receiver or Transmitter Switch- Boards	Test Equipment
RE 65F 2421 D	SB-354/SP	Radar Distribution Switchboard	Interconnection Wiring Dia.
RE 65F 2420 B	SB-354/SP	Radar Switchboard	Outline Mounting Dimensions
RE 65F 2546 A	SB-354A/SP	Radar Distribution Switchboard	Interconnection Wiring Dia.
RE 65F 2633 A	SB-416/SP	Radar Distribution Switchboard	Interconnection Wiring Dia.
RE 78F 2225 A	SB-436/SQS-15	Panel, Power Distribution	Outline Mounting Dimensions
RE 65F 2552 A	SB-439A/SP		Interconnection Wiring Dia.
RE 65F 2609 A	SB-439A/SP	Switchboard, Signal Distribution Radar	Outline Mounting Dimensions
RE 65F 2620 B	SB-440/SP SB-441/SP & SB-442/SP		Interconnection Wiring & Cabling Plan
RE 65F 2617 C	SB-440/SP SB-441/SP & SB-442/SP	Radar Distribution Switchboard	Outline Mounting Dimensions
RE 24C 2047 B	SB-440/SP SB-441/SP & SB-442/SP	Radar Selector Switch	Schematic
RE 23D 2062 A	SB-594()/BP	Switchboard Signal Distribution Radar	Outline Mounting Dimensions
RE 23D 2063 A	SB-863/SRT	Transmitter Transfer Switchboard	Outline Mounting Dimensions
RE 23D 2064 A	SB-973/SRR	Switchboard Receiver Transfer	Outline Mounting Dimensions
RE 65F 2517 A	SC-3	Radar Set, Basic Radar System	Interconnection Wiring Dia.
RE 65F 2320 A	SC-4	Basic Radar System	Interconnection Wiring Dia.
RE 65F 2329 A	SC-5	Basic Radar System	Interconnection Wiring Dia.
RE 78F 2097 C		Seachest Proposed Assembly for Minesweeper Installation on AN/UQS-1 (Stainless Steel)	
RE 78F 2223 A		Seachest Paired for AN/UQN-1 Series (Echo Sounding Equip- ment) Transducer	Outline Mounting Dimensions
RE 78F 2220 A		Seachest Vented for AN/UQN-1 Series Echo Sounding Equip- ment Transducer	
RE 66F 2065 A		Sector Array Using T-150/SRC Antenna	
RE 65F 2322 A	SG-1B	Basic Radar System	Interconnection Wiring Dia.
RE 65F 2550 A	SG-3	Basic Radar System	Interconnection Wiring Dia.
RE 65F 2321 B	SG-6B	Basic Radar System	Interconnection Wiring Dia.
RE 78F 2221 A		Shell Mounting, Recessed For Echo Sounding AN/UQN-1A/B	
RE 62F 2000 B		Shipboard Installation Teflon Cable	
RE 46H 2081 A		Shipboard & Portable Amphibious Radiac Equipment	
RE 67F 2104 C		Single Sideband Converters	Basic Communication System Interconnection Wir. Dia.
RE 10C 2196 A		Sinusoidal Scale North Atlantic Ocean Area	Plotting Display

TABLE 2-1. ELECTRONIC EQUIPMENT INSTALLATION PLANS.

DWG NO.	TYPE	EQUIPMENT	DWG CONTENT
RE 65F 2345 A	SK-2	Basic Radar System	Interconnection Wiring Dia.
RE 65F 2343 A	SK-3		Interconnection Wiring Dia.
RE 65F 2344 A	SK-3	Basic Radar System	Interconnection Wiring Dia.
RE 78F 2242 A	SM-90/BQS-2	Sonar Target Sonar Simulator	Interconnection Wiring Dia.
RE 78D 2241 A	SM-90/BQS-2	Sonar Target Signal Simulator	Outline Mounting Dimensions
RE 65F 2475 B	SN-148/SPA	Double Indicator	External Cabling Diagram
RE 65D 2473 B	SN-148/SPA	Indicator Correlator	Outline Mounting Dimensions
RE 65F 2484 C	SN-148/SPA	Indicator Correlator Double Indicator	From-To Diagram
RE 65D 2482 B	SN-148/SPA	Indicator Correlator Double Indicator	Primary Power Distribution Diagram
RE 65D 2483 B	SN-148/SPA	Indicator Correlator Double Indicator	Primary Power Distribution Diagram
RE 65D 2474 B	SN-148/SPA	Indicator Correlator Single Indicator	External Cabling Diagram
RE 65F 2476 C	SN-148/SPA	Single Indicator	Interconnection Wiring Dia.
RE 55D 2009 A	SN-206/SP	Correlator Indicator	Interconnection Wiring Dia.
RE 55H 2010 A	SN-206/SP	Correlator Indicator	Outline Mounting Dimensions
RE 55D 2008 A	SN-206/SP	Correlator Indicator	Pictorial System Diagram
RE 65F 2587 A	SO-1		Interconnection Wiring & Cabling Diagram
RE 65F 2494 A	SU-6, SO-10	Basic Radar System	Interconnection Wiring Dia.
RE 65F 2551 A	SR-3A, 3B, 3C	Basic Radar System	Interconnection Wiring Dia.
RE 65F 2324 B	SR-6A, 6B	Basic Radar System	Interconnection Wiring Dia.
RE 65F 2542 A	SR-a	Basic Radar System	Interconnection Wiring Dia.
RE 65F 2083 B	SS-1	Radar	External Cabling Diagram
RE 65D 2264 A	SS-2	Radar Set	Outline Mounting Dimensions
RE 10C 2140 A	SS-WFA	Radar-Sonar Display of Sonar Information	Interconnection Wiring Dia.
RE 43C 2008 A	SSB-1	Single Sideband Transmitter-Receiver	Outline Mounting Dimensions
RE 65F 2588 A	SU-1		Interconnection Wiring Dia.
RE 65F 2575 A	SU-2 & XSU-2	Radar	Interconnection Wiring & Cable Diagram
RE 8H 3447 A		Submarines Missile Guidance System Using AN/BPQ-1	
RE 8C 2925 A		Submarines SS/ST Series (SS/ANT. Retractable)	Wiring Diagram
RE 8F 2004 P		Subs Electronics Installation Methods	Type Plan
RE 8C 2858 A		Surface Ship Loran System Using AN/SPN-7A	
RE 8C 2856 B		Surface Ship Loran System Using AN/UPN-12	
RE 8H 3448 A		Surface Ships Missile Guidance System Using AN/SPQ-2	
RE 8C 2935 A		Surface Ships Radiosonde Receptor System Using AN/FMQ-2A	
RE 8F 2645 A		Surface Vessel Special ECM	System Arrangement
RE 65D 2067 A	SV-1	Radar	External Cabling Diagram
RE 10F 2026 F	SV-3	Radar Equipment	External Cabling Diagram
RE 65D 2255 A		Synchro Systems Test & Alignment Generators	
RE 78D 2235 A	T-562/SQS-15	Transmitter, Sonar	Outline Mounting Dimensions
RE 67C 2103 A	TA-182/U	Telegraph-Telephone Signal Converter	Interconnection Wiring Dia.
RE 67C 2102 A	TA-182/U	Telegraph-Telephone Signal Converter	Outline Mounting Dimensions
RE 67D 2106 A	TA-269/U	Terminal Telephone	Interconnection Wiring Dia.
RE 67H 2105 A	TA-269/U	Terminal Telephone	Outline Mounting Dimensions
RE 36H 2061 B		Tacan System Using OA-878/URN-3	
RE 78F 2222 A	TBI Mod 2	Sonar	Interconnection Wiring Dia.
RE 52C 2010 E	TCS	Transmitter-Receiver Modified For Installation of 3" (180) Coax Line & TN-233/SRC Transmission Line Tuner	

TABLE 2-1. ELECTRONIC EQUIPMENT INSTALLATION PLANS.

DWG NO.	TYPE	EQUIPMENT	DWG CONTENT
RE 65F 254 A	TCS TCS-15		Interconnection System
RE 52D 2004 A	TDZ-RDZ		Typical Antenna System
RE 66F 2029 B	TDZ-RDZ	Antenna Cables & Connectors	
RE 52D 2001 D	TED-1-2	Transmitter	Outline Mounting Dimensions
RE 52D 2003 A	TED AN/URR-13		Typical Antenna System
RE 52D 2038 F	TED TED-6	Field Change	
RE 67F 132 H		Teletype Panel Patch	
RE 30C 2000 A	TF-242/U	Voltage Regulator	Outline Mounting Dimensions
RE 67C 2101 A	TH-5/TG	Telegraph Terminal	Basic Communication System Interconnection Wir. Plan
RE 67C 2100 A	TH-5/TG	Telegraph Terminal	Outline Mounting Dimensions External Connections
RE 67F 2083 A	TH-20/UG	Terminal Telegraph	Outline Mounting Dimensions
RE 67B 2084 A	TH-20/UG	Terminal Telegraph	Primary Power Distribution Diagram
RE 52F 2032 B	TN-229/SRT	Radio Frequency Tuner	Outline Mounting Dimensions
RE 47B 2018 A	TN-233/SRC	Transmission Line Tuner	External Cabling Diagram
RE 47C 2017 A	TN-233/SRC	Transmission Line Tuner	Outline Mounting Dimensions
RE 47B 2019 A	TN-233/SRC	Transmission Line Tuner	Pictorial System Diagram
RE 47D 2009 A	TN-300/BRT	Tuner	Outline Mounting Dimensions
RE 24C 2041 A		TPDT Snap Switch	Outline Mounting Dimensions
RE 78C 2322 A	TR-114A, 115A, 116A, 117A/ SQS-4	Sonar Transducer	Outline Mounting Dimensions
RE 78D 2240 A	TR-122/BQC-1A	Transducer	Outline Mounting Dimensions
RE 66D 2071 B		Transmitting Antenna Details	
RE 10F 2181 A		Trolley Meter For R. F. Trans- mission Line	
RE 78C 2303 A	TS-110/SQM TS-111/SQM	Transducer	Outline Mounting Dimensions
RE 78D 2304 A	TS-860/UQM-1	Calibration Unit	Outline Mounting Dimensions
RE 10D 2211 A	TS-891/URN-3	Power Meter Pulse Counter	Outline Mounting Dimensions
RE 67F 145 D	TT-23F/SG	Panel, Teletypewriter Switch- board	
RE 67D 2018 C	TT-41/TXC-1B PP-86C/TXC-1 RD-92/UX & CV-172/U	Facsimile Equipment, Facsimile Transceiver, Power Unit, Fac- simile Recorder, Frequency Shift Converter	Outline Mounting Dimensions
RE 67D 2032 B	TT-41A/TXC-1B PP-86()/TXC-1	Facsimile Transceiver, Power Unit	Outline Mounting Dimensions
RE 67D 2012 G	TT-47/UG	Teletypewriter	Outline Mounting Dimensions
RE 67D 2037 A	TT-47A/UG	Teletypewriters	Outline Mounting Dimensions & External Connections
RE 67D 2113 A	TT-66A/TXC PP-86D/TXC-1	Facsimile Transceiver, Rectifier Power Unit	Outline Mounting Dimensions
RE 67C 2082 A	TT-174/UG	Teletypewriter	Outline Mounting Dimensions & External Wiring Diagram
RE 67D 2171 A	TT-187/UG	Distributor-Transmitter Tele- typewriter	Interconnection Wiring Dia.
RE 67D 2170 B	TT-187/UG	Distributor-Transmitter Tele- typewriter	Outline Mounting Dimensions
RE 67D 2172 A	TT-192/UG	Reperforator Teletypewriter	Interconnection Wiring Dia.
RE 67D 2173 B	TT-192/UG	Reperforator Teletypewriter	Outline Mounting Dimensions
RE 67D 2168 A	TT-253/UG	Perforator-Reperforator	Interconnection Wiring Dia.
RE 67D 2167 B	TT-253/UG	Perforator-Reperforator	Outline Mounting Dimensions
RE 66D 2131 A	Type 84-E-5020	Antenna	Outline Dimensions
RE 49F 578 D	UG-21/U	Connector	Assembly
RE 49F 579 D	UG-21A/U	Connector	Assembly
RE 49F 2001 A	UG-167A/U	Connector Plug	Assembly
RE 49F 573 B	UG-478/U	Adaptor Connector	Assembly
RE 49F 574 B	UG-479/U	Adaptor Connector	Assembly
RE 49F 575 B	UG-480/U	Adaptor Connector	Assembly
RE 49F 576 B	UG-481/U	Adaptor Connector	Assembly
RE 49F 577 B	UG-482/U	Adaptor Connector	Assembly
RE 49D 687 A	UG-503/U	Connector Adaptor	Assembly
RE 49F 581 B	UG-531/U	Connector	Assembly
RE 49F 580 D	UG-532/U	Connector	Assembly
RE 49F 584 D	UG-557/U	Connector	Assembly
RE 49D 617 C	UG-640/U	Receptacle Connector	Assembly
RE 49D 684 A	UG-666/U	Connector Adaptor	Assembly
RE 49D 618 B	UG-670/U	Connector Adaptor	Assembly

TABLE 2-1. ELECTRONIC EQUIPMENT INSTALLATION PLANS.

DWG NO.	TYPE	EQUIPMENT	DWG CONTENT
RE 49D 639 A	UG-672/U	Connector Receptacle	Assembly
RE 49D 2016 A	UG-685/U		Assembly
RE 49D 688 A	UG-926A/U	Connector Adaptor	Assembly
RE 49D 683 A	UG-967/U	Connector	Assembly
RE 49D 690 A	UG-983/U	Connector	Assembly
RE 66F 2003 E		UHF Antenna Installation	
RE 67D 2110 A	UQ	Microwave Radio Relay System	Installation Wiring Diagram
RE 65F 2493 A	VD-2	Radar System	Interconnection Wiring Dia.
RE 65F 2589 A	VE VE-1		Interconnection Wiring Dia.
RE 65F 2337 B	VF VF-1 VF-2	Basic Radar System	Interconnection wiring Dia.
RE 65F 2544 A	VH	Basic Radar System	Interconnection Wiring Dia.
RE 66D 2011 E		VHF Antenna Multi-Coupler	
RE 74F 2005 A		Visual Follower For AN/SRM(XG-1)	Assembly
RE 65F 2335 B	VJ	Basic Radar System	Interconnection Wiring Dia.
RE 65F 2336 B	VJ-1	Basic Radar System	Interconnection Wiring Dia.
RE 65F 2074 A	VJ-1	Radar	Outline Mounting Dimensions
RE 65F 2361 B	VJb	Basic Radar System	Interconnection wiring Dia.
RE 65F 2306 B	VK	Radar Repeater	Interconnection Wiring Dia.
RE 65F 2307 B	VK-2	Radar Repeater	Interconnection Wiring Dia.
RE 65F 2333 B	VK-3	Basic Radar System	Interconnection Wiring Dia.
RE 65F 2214 C	VK-3a	General Display	Interconnection Diagram
RE 65F 2218 B	VK-3a	Selective Display	Interconnection Wiring Dia.
RE 65D 2156 B	VK-4	Radar Repeater	Outline Mounting Dimensions
RE 65F 2332 B	VK-4	Basic Radar System	Interconnection Wiring Dia.
RE 65F 2347 B	VK-5	Basic Radar System	Interconnection Wiring Dia.
RE 65F 2286 A	VK-5	Radar Repeater	Outline Mounting Dimensions
RE 65F 2308 B	VL	Radar Repeater	Interconnection Wiring Dia.
RE 65F 2309 B	VL-1	Radar Repeater	Interconnection Wiring Dia.
RE 36C 2055 A	W-103	Cable	Interconnection Wiring Dia.
RE 66F 562 B		Wire Rope Connectors For Antenna System	
RE 36C 2038 A	XHD	Interrogator Set	External Cabling Diagram
RE 36F 2037 A	XHD	Interrogator Set	Outline Mounting Dimensions
RE 65D 2154 A	X-VN X-VN-1	Radar Repeater	Outline Mounting Dimensions
RE 65F 2547 A	2JRB-5	O.S.C. Switch	Interconnection Wiring Dia.
RE 24C 2043 A		3 Position Switch Lever Operated	Outline Mounting Dimensions
RE 10D 2283 A		12 Inch Tape Winder Constant Torque	
RE 53C 2003 A		50 Watt Transmitter Antenna Filter	Outline Mounting Dimensions
RE 53C 2002 A		500 Watt Transmitter Antenna Filter	Outline Mounting Dimensions
RE 65F 2590 A	211103, 211103A	Synchro Amplifier	Interconnection Wiring Dia.

TABLE 2-2. REVISED INSTALLATION PLANS.

DWG NO.	TYPE	DWG CONTENT
RE66D634B	AB-562/U	Mounting Base for AT-497/RC Snorkel Antenna
RE47C2012D	AN/SRA-20	Antenna Tuning Group, Outline and Mounting Dimensions
RE89H2011B	AN/SRN-6	Radio Set Interconnection Wiring Diagram Using Antenna Group OA-1545/SRN-6
RE89H2012B	AN/SRN-6	Radio Set, External Cabling Diagram
RE10F775B	CY-2675 ( )/G	Cabinet, Electrical Equipment, Assembly and Details

TABLE 2-3. NEW INSTALLATION PLANS.

DWG NO.	TYPE	DWG CONTENT
RE78D2409A	AM-1896/UQS-T3	Amplifier Assembly, outline
RE78D2416A	AN/UQS-T3	Sonar Trainer, System Diagram
RE78D2417A	AN/UWS-T3	Sonar Trainer, Primary Power Distribution Diagram
RE78D2412A	CV-644/UQS-T3	Signal Data Converter (Record), Outline
RE78D2413A	CV-665/UQS-T3	Signal Data Converter (Reproduce), Outline
RE278F257A	CY-2761/UQS-T3	Case, Accessories, Outline
RE78F2410A	CW-307C/U	60" Steel Sonar Dome
RE78D2411A	OA-2483/UQS-T3	Console, Sonar, Outline
RE78D2414A	PP-1972/UQS-T3	Power Supply, Outline
RE78D2415A	RO-82/UQS-T3	Recorder-Reproducer, Signal Data, Outline
RE49C766A		Connector, Plug, Latching Type, Noninsulated

**3-3. EQUIPMENT MOUNTING.**—The various types of foundations used for mounting electronic equipment have been standardized by the Bureau of Ships, Hull Foundation Standardization Project. These standard drawings include a list of required material, fabrication instructions and approximate weight of the finished foundation. The Bureau of Ships drawing numbers and titles of the available standard foundation plans are listed alphabetically by equipment type in table 3-1.

a. **WITHIN BALLISTIC STRUCTURE.**—Electronic equipment installed within a ballistic structure shall be mounted by one of the following methods, listed in order of preference:

- (1) Deck only.
- (2) Deck, braced to inboard structural bulkhead.
- (3) Inboard structural bulkhead only.

b. **OUTSIDE BALLISTIC STRUCTURE.**—Electronic equipment installed outside of a ballistic structure shall not be secured to the overhead ballistic structure, structure subject to gun blast, shell plating, torpedo defense system bulkheads, non-structural bulkheads, or weather bulkheads of super-structure.

c. **TOP BRACING.**—Top bracing shall be installed on deck-mounted equipment that has a ratio of height to smallest base dimension of 3 to 1 or greater. Top bracing shall not extend more than 45 degrees from the horizontal. Braces shall be designed and installed to allow some vertical movement, so that the equipment is not restrained vertically between the bottom foundation and top bracing.

d. **SHOCK MOUNTS.**—Resilient shock mounts provided as a part of electronic equipment shall not be replaced with another type or size. Do not mount equipment on shock mounts unless the installation instructions specifically call for this type of mounting.

**NOTE**

Some electronic equipment is designed to withstand direct shock or vibration and the use of shock mounts could present new modes of oscillation or vibration which could produce damage to the equipment.

e. **RODENT AND INSECT PROOFING.**—During the installation period, cable openings and access doors on electric and electronic equipment should be kept closed or fitted with temporary covers to prevent possible damage to the equipment by rodents or insects. All unused openings in equipment shall be fitted with metal covers on completion of the installation. The run of electric cables shall avoid inaccessible pockets or ledges of sufficient size to harbor rodents and insects. Where practicable, installation shall be completely accessible for inspection and cleaning. Where cables enter an open duct or trunk, the opening shall be fitted with metallic guards or screens. Where a choice exists between horizontal and vertical cable runs, the latter shall be selected when practicable.

f. **CLEANLINESS AND EQUIPMENT PROTECTION.**—During the installation period cleanliness and equipment protection shall be maintained by (but not limited to) the following measures:

- (1) Equipment shall be vacuum cleaned rather than cleaned by blowing out with compressed air.
- (2) Appropriate receptacles shall be provided and used for cigarette butts, rags, floor sweepings, and other litter; piping, cabinets, ledges, cables, and so forth shall not be used as depositories for such items.
- (3) Areas shall be kept swept down and free of debris which could become a fire hazard or a hazard to personnel and equipment.
- (4) Cans, bottles, funnels, hoses, and other such items used to transfer, store, or pour lubricating oils and other fluids; shall be clean and free of dust and other foreign matter.
- (5) Electric and electronic equipment shall be suitably covered to prevent damage from welding splatter, dust, falling objects, spillages and other sources of possible damage.
- (6) Tools, nuts, bolts, washers, insulating tape, cord and other materials shall not be set on ledges in equipment in such a manner that they could fall into or be inadvertently left in the equipment.
- (7) Nuts and bolts not properly tightened during production often work loose during equipment transit, during installation equipment shall be thoroughly inspected to ensure that all parts are properly secured.
- (8) Ventilation air filters to equipment shall be cleaned or replaced as appropriate prior to placing the equipment in operation.
- (9) Equipment surfaces shall be protected from scarring, bending, denting, and other damages.
- (10) Electrodes, bar stock, piping, cables, packings, and other materials shall be kept adequately segregated and identified to prevent improper usage due to misidentification.
- (11) Work areas shall be adequately lighted to further ensure good workmanship.

TABLE 3-1. HULL FOUNDATION STANDARD PLANS

DWG NO.	EQUIPMENT	DWG CONTENT
SK1406038	AM-1014/SPA-18	FDN - Sweep Generator
SK1406054	AN/GRC-27	FDN - XMTR - RCVR
SK1406084	AN/GRC-27	FDN -
SK1406057	AN/SGC-2	FDN - Teletype Equipment
SK1406079	AN/SLR-2	FDN - (Sheets 1, 2 and 3)
SK1406023	AN/SPA-4A	FDN - REP. (STA-A, B and C)
SK1406036	AN/SPA-4A	FDN - REP. (Tilting)
SK1406059	AN/SPA-4A	FDN - REP. (30° PERM Tilt)
SK1406077	AN/SPA-4A	FDN - REP. (Tilting)
SK1406092	AN/SPA-4B	FDN - REP.
SK1406096	AN/SPA-4B	FDN - REP. (30° Tilt)
SK1406020	AN/SPA-8	FDN - REP. (Tilting)
SK1406020	AN/SPA-8A	FDN - REP. (Tilting)
SK1406021	AN/SPA-8A	FDN - REP. (30° PERM A and B)
SK1406075	AN/SPA-8A	FDN - REP. (VERT. PERM.)
SK905801	AN/SPA-8C	FDN - REP. (30° PERM. Tilt)
SK1406020	AN/SPA-9	FDN - REP. (Tilting)
SK1406035	AN/SPS-10	FDN - MOD and XMTR-RCVR
SK905803	AN/SPS-29	FDN - XMTR Group
SK905804	AN/SPS-29	FDN - COMP. -Dehydrator
SK905804	AN/SPS-29	FDN - MOD and RF AMPL
SK905906	AN/SPS-29	FDN - Tube Liquid Cooler
SK905807	AN/SPS-29	FDN - Liquid Storage Tank
SK905808	AN/SPS-29	FDN - Power Supply ASSY
SK905817	AN/SPS-29	FDN - Stepdown PWR XFMR DK MTD
SK1406071	AN/SRA-3	FDN - Antenna
SK1406070	AN/SRD-7	FDN - Direction Finder
SK905822	AN/SRT	PROT COVER - RF Tuner Coupler
SK1406081	AN/SRT-14	FDN - XMTR
SK1406080	AN/SRT-15	FDN - XMTR
SK1406080	AN/SRT-16	FDN - XMTR
SK1406016	AN/SSQ-14	FDN - Stabilization GEN
SK1406002	AN/UPA	RACK - Equipment (type A)
SK1406006	AN/UPA	RACK - Equipment (type A)
SK1406040	AN/UPA	RACK - Equipment (type B)
SK1406046	AN/UPA	RACK - Equipment (type C)
SK1406056	AN/UPA	RACK - Equipment (type B)
SK1406089	AN/UPA-39	SHELF FDN - Test Set
SK1406002	AN/UPX	RACK - Equipment (type A)
SK1406005	AN/UPX	TRAY - Equipment Servicing
SK1406056	AN/UPX	RACK - Equipment (type B)

TABLE 3-1. HULL FOUNDATION STANDARD PLANS (CONTINUED)

DWG NO.	EQUIPMENT	DWG CONTENT
SK1406003	AN/UPX-1	RACK - Equipment (type A)
SK1406004	AN/UPX-1	RACK - Equipment (type D)
SK1406009	AN/UPX-1	RACK - Equipment (type B)
SK1406033	AN/UPX-1	RACK - Equipment (type C)
SK1406085	AN/UPX-1	RACK - FDN-(type D)
SK1406003	AN/UPX-5	RACK - Equipment (type A)
SK1406004	AN/UPX-5	RACK - Equipment (type D)
SK1406009	AN/UPX-5	RACK - Equipment (type B)
SK1406033	AN/UPX-5	RACK - Equipment (type C)
SK1406085	AN/UPX-5	RACK - RDN-(type D)
SK1406060	AN/UQC-1	FDN - Transducer in 60" Dome
SK1406048	AN/URD-4	FDN - Receiver Group
SK1406007	AN/URR-13	RACK - Equipment (type A)
SK1406063	AN/URR-13	TRAY - Servicing
SK1406082	AN/URR-13	RACK - FDN-(sliding mount)
SK1406062	AN/URR-13	RACK - FDN-(type B)
SK1406067	AN/URR-13	RACK - FDN (type C)
SK1406081	AN/URT-2	FDN - XMTR
SK1406080	AN/URT-3	FDN - XMTR
SK1406080	AN/URT-4	FDN - XMTR
SK1406091	AN/URT-17	FDN - XMTR
SK905842	AN/WLR-1	FDN - Equipment
SK905837	AN/WRT-2	FDN - XMTR
SK1406058	C-1004A/SG	FDN - Control Unit
SK1406028	C-1263/SPS-5B	FDN - Antenna Control
SK905829	C-2474/SPS-29	FDN - Antenna Control
SK905812	C-2475/SPS-29	FDN - PWR SUP. CONT
SK905836	CC-21428A	FDN - M/G Set
SK905825	CN-493/U-SPS-29	FDN - Voltage Regulator
SK1406031	CPD-1037	FDN - Dehydrator
SK1406008	CU-284/UR	FDN - Antenna Coupler
SK1406066	CU-372/SRT	FDN - Equipment
SK905816	DAS-1	FDN - Equipment
SK905816	DAS-3	FDN - Equipment
SK905832	E. C. C. M.	FDN - Rapid Tuning Unit
SK905833	E. C. C. M.	FDN & COVER - Dummy Load
SK905820	E. C. C. M.	FDN - Receiver
SK905821	E. C. C. M.	FDN - Synchronizer
SK1406026	FR-66/UP	FDN - Tuned Cavity
SK1406015	IP-249/SPS-5B	FDN - A2-Range IND
SK905831	J-972/SPS-29	FDN - Distribution Box

TABLE 3-1. HULL FOUNDATION STANDARD PLANS (CONTINUED)

DWG NO.	EQUIPMENT	DWG CONTENT
SK905827	J-973/SPS-29	FDN - Interconnecting Box
SK1406061	KY-30/GRT	FDN - Rotating
SK1406027	MD-133/SPS-5B	FDN - Modulator
SK1406017	MK-1 MOD-1	STAND - Binnacle
SK1406019	MK-7 STD-1	FDN - Binnacle
SK1406018	MK-19	FDN - Gyro Compass
SK905810	MK-27 MOD-7	FDN - Synchro Amplifier
SK905830	MK-61 MOD-0	FDN - Amplifier
SK905841	MK-61 MOD-0	FDN - AMP (BHD MTD)
SK905818	M. T. I.	FDN - PWR Supply
SK905819	M. T. I.	FDN - Cabinet
SK1406087	O-329/SP	FDN - Pulse Trigger GEN
SK1406069	OA-365/SK-1	FDN - SUPV. Console
SK905813	OA-1897/SPS-29	FDN - CONT MON GR
SK1406032	PP-560A/SP	FDN - PWR SUP. (DK MTD)
SK1406064	PP-560A/SP	FDN - Console (type A and B)
SK1406041	PP-765A/U	FDN - PWR SUP.
SK1406025	PP-1026/SPS-5B	FDN - PWR SUP.
SK905815	PP-2033/SPS-29	FDN - PWR SUP. ASSY
SK905834	PP-2033/SPS-29	FDN - PWR SUP. ASSY
SK1406013	PP-388/U	FDN - PWR SUP.
SK905828	R-872/SPS-29	FDN - Receiver
SK1406011	RBB	RACK - Radio Equipment
SK1406011	RBC	RACK - Radio Equipment
SK1406010	RBO	FDN - RCVR (On Operators Table)
SK905840	RBS	RACK FDN - RCVR & PWR SUP
SK1406037	RT-166B/UQN-1B	FDN - RCVR-XMTR
SK1406030	RT-301/SPS-5B	FDN - RCVR-XMTR (BHD)
SK1406029	RT-391/SPS-5B	FDN - RCVR-XMTR (DK)
SK905826	SA-591/SPS-29	FDN - Circuit Breaker
SK1406047	SB-82/SRR	PLATES - Separator (SWBD)
SK1406051	SB-82/SRR	MTG BRKT - Terminal Strips
SK1406076	SB-82/SRR	MTG PLATES - Wiring Troughs
SK1406047	SB-83/SRT	PLATES - Separator (SWBD)
SK1406049	SB-83/SRT	MTG RACK - Terminal Strip (10 Row)
SK1406050	SB-83/SRT	MTG RACK - Terminal Strip (5 Row)
SK1406076	SB-83/SRT	MTG PLATES - Wiring Troughs
SK1406094	SB-863/SRT	PLATES - Separator (SWBD)
SK1406095	SB-863/SRT	MTG RACK - Terminal Strip
SK1406097	SB-863/SRT	DETAILS - DZUS Fasteners
SK1406098	SB-863/SRT	FDN - SWBD

TABLE 3-1. HULL FOUNDATION STANDARD PLANS (CONTINUED)

DWG NO.	EQUIPMENT	DWG CONTENT
SK905800	SB-863/SRT	DETAILS - Wiring Troughs
SK905802	TBK	FDN - Transmitter
SK1406086	TBL	FDN - Transmitter (Sliding)
SK905835	TBL-7	FDN - Transmitter (STA)
SK1406073	TDQ	FDN - Transmitter
SK1406012	TDZ	FDN - Transmitter
SK1406007	TED	RACK - Equipment (type A)
SK1406063	TED	TRAY - Servicing
SK1406082	TED	RACK - FDN (sliding mount)
SK1406062	TED	RACK - FDN (type B)
SK1406067	TED	RACK - FDN (type C)
SK905811	TF-129/SP	FDN - PWR XFMR
SK905809	TF-269/SPS-29	FDN - PWR XFMR
SK1406066	TN-229/SRT	FDN - Equipment
SK1406065	TT-45/FG	FDN - Reperforator (MTD on TT)
SK1406024	TT-47A/UG	FDN - Equipment
SK1406024	TT-48A/UG	FDN - Equipment
SK1406042	VJ-B	FDN - Repeater (STA A and B)
SK1406042	VJ-1	FDN - Repeater (STA A and B)
SK1406093	VJ-1	FDN - Repeater (30° Tilt A and B)
SK905824	VK-2	FDN - PWR Supply
SK905823	VK-2	FDN - Indicator
SK1406044	VK-5	FDN - Indicator
SK1406045	VK-5	FDN - PWR Supply
SK1406022	VL-1	FDN - REP (30° PERM A and B)
SK1406083	23-AJH-2	MTG BRKT - GEN Control Unit
SK1406055	24257	FDN - Selector Switch
SK1406088	66047	FDN - 66047 Whip ANT
SK1406043	ANT TRK	COVER PLATE - Portable
SK1406053	ANT-WHIP	FDN - Antenna
SK1406072	ANT-WIRE	OUTRIGGER - Antenna
SK1406001	GEN NOTES	General Notes
SK1406090	ICE CUBE MAKER	FDN - Equipment
SK905839	ICE CUBE MAKER	FDN - York 450 DNS
SK905843	RACK	FDN - type A, B and C
SK1406014	SEARCHLIGHT	MTG ARM - 12" Signal
SK1406078	SERVICING TRAY	TRAY - Portable
SK1406034	SHELF	FDN - types A, B and C
SK1406052	SHELF	FDN - types D, E and F
SK1406039	SPRING LOCK	DETAILS - Assembly
SK1406074	SLIDING MOUNT	FDN - Equipment
SK1406068	TILTING FDN	MISC DETAILS - Repeater



**3-4. WARNING SIGNS AND GUARDS**

a. **DOCTRINE.**—Warning signs and suitable guards shall be provided to prevent personnel from coming in accidental contact with dangerous voltages, for warning personnel of possible presence of explosive vapors, for warning personnel (working aloft) of poisonous effects of stack gases, and for other dangers which may cause injuries to personnel. Equipment installation should not be considered completed until assurance has been made that appropriate warning signs have been posted in full view of operating personnel.

b. **PROCUREMENT.**—Certain types of standard electronics warning signs are available for procurement from the Commander, Philadelphia Naval Shipyard. A list of signs that are available has been distributed to all ships, commands, and shore activities. Any warning signs not listed should be ordered on a separate requesting document.

c. **AVAILABLE DRAWINGS.**—Drawings of the standard warning signs most frequently used have been prepared by the Bureau of Ships. Activities desiring to fabricate signs may obtain the following drawings on request. See figures 4-1 through 4-4.

(1) **HIGH VOLTAGE WARNING SIGNS (BUREAU OF SHIPS DRAWING NO. RE 10 B 608).**—This sign is to be displayed at all locations where danger to personnel exists, either through direct contact with high voltage or through high voltage arc-over. Appropriate guards should also be installed at these locations. See figure 4-1.

(2) **WARNING SIGN FOR PERSONNEL WORKING ALOFT IN WAY OF SMOKE PIPE GASES (BUREAU OF SHIPS DRAWING NO. RE 10 AA 529).**—To be displayed at the bottom and top of access ladders to electronic equipment in the way of smoke pipe gases. See figure 4-2.

(3) **RF RADIATION HAZARD WARNING SIGNS (BUREAU OF SHIPS DRAWING NO. RE 10 D 2282).**—These signs are of the following four types and are included in the same drawing. See figure 4-3.

(a) **TYPE a.**—To be located on radar antenna pedestals.

(b) **TYPE b.**—To be located on or adjacent to radar set controls.

(c) **TYPE c.**—To be located at eye level at the foot of ladders or other accesses to all towers, masts and superstructures which are subjected to hazardous levels of radiation.

(d) **TYPE d.**—To be located in radio transmitter rooms in suitable locations to be in full view of operation personnel.

(4) **WARNING PLATES FOR ELECTRONIC EQUIPMENT INSTALLED IN SMALL CRAFT (BUREAU OF SHIPS DRAWING NO. RE 10 A 589).**—This sign is a warning against the energizing of electronic equipment until ventilation blowers have been operating a minimum of five minutes, to expel explosive vapors. Although the drawing title indicates this warning plate is to be installed in small craft, it may and should be displayed in all spaces where there is a possibility of the accumulation of explosive vapors. See figure 4-4.

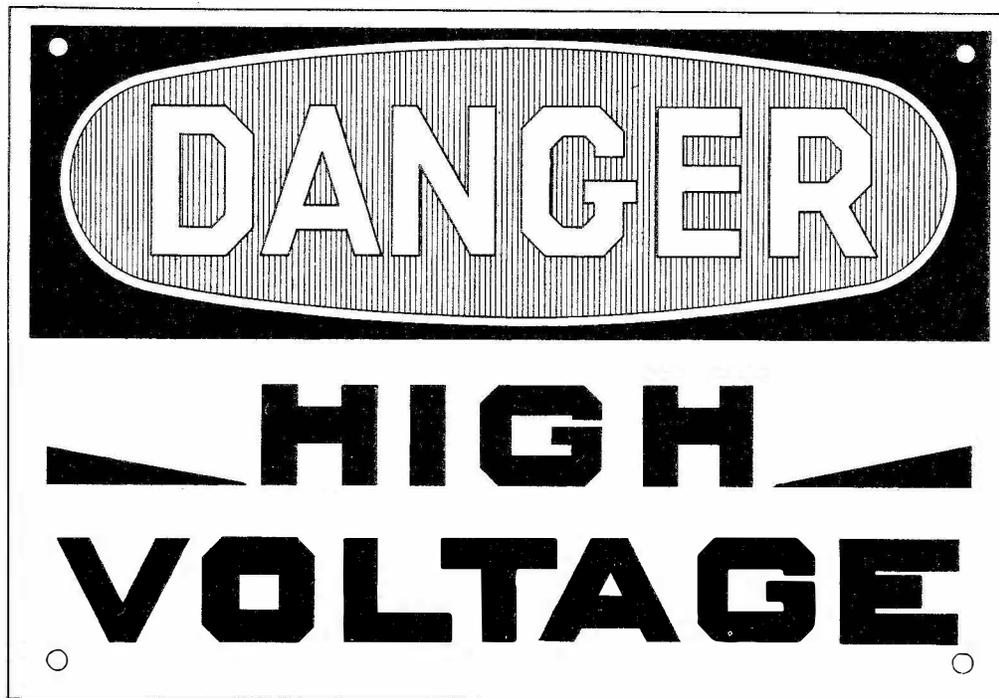
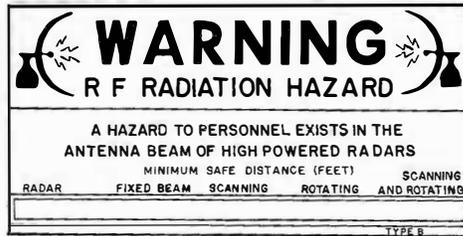


FIG. 3-4-1, WARNING SIGN



FIG. 3-4-2, Smoke Pipe Gases Warning Sign.



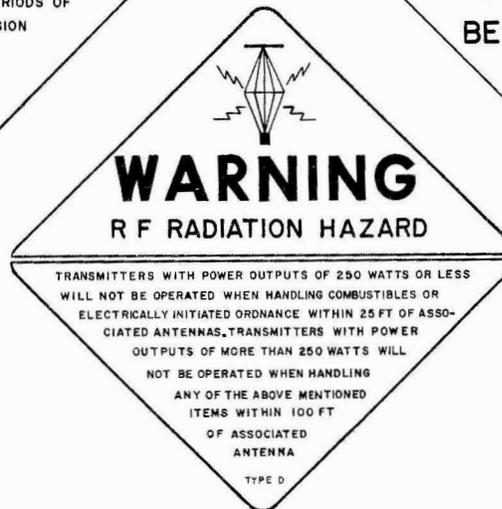
b.



d.



c.



d.

FIG 4-3 RF RADIATION HAZARD WARNING SIGNS



e.

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