

STANDARD PHRASEOLOGY

SECTION F

1. This section of standard phraseology is for general use in electronic and electrical disciplines.

Disconnect mechanically and remove equipment listed in 1.3.____.

F1

Matchmark, identify, and retain ____.

F2

Accomplish an operational test of equipment and **each** circuit.

F6

NOTE: FOR REFERENCE IN F8 AND F9, USE SE000-01-IMB-010, NAVY INSTALLATION AND MAINTENANCE BOOK (NIMB), SECTION IX, INSTALLATION STANDARDS (SOURCE CD: N0002400003).

Accomplish Swept Voltage Standing Wave Ratio (VSWR) test on ____ in accordance with Paragraph 5-2.11 of 2.____. Test shall be accomplished over the frequency range of equipment being tested.

F8a

Use standard VSWR reference loads at several points (i.e., 1.1:1, 1.25:1, 1.5:1, 2.1 and 3:1) to establish reference lines from lower to upper frequency limits.

F8b

Accomplish Insertion Loss test on ____ in accordance with Paragraph 5-2.11 of 2.____. Tests shall be accomplished over frequency range of **each piece of** equipment being tested.

F9

NOTE: FOR REFERENCE USE PARAGRAPH 3.5 of 0967-LP-177-3040,
SHIBOARD ANTENNA SYSTEMS; Vol 4 OR LATEST REF.

Accomplish Time Domain Reflectometer (TDR) test on _____ in accordance with Paragraph 5-7 of 2.____. Terminate each coaxial cable within its characteristic impedance and coefficient (RHO) control at maximum sensitivity. Record results on an X-Y recorder.

F10

Visually inspect each component prior to cleaning to detect evidence of casualties or deteriorating conditions that may not be apparent after cleaning.

F11

Inspect and test each component part and circuitry for shorts, opens, and grounds and determine missing and defective component parts and circuitry in accordance with 2.____.

F12

Remove existing and install **each** new wire and component part, using 2.____ for guidance.

F13

Install Field Change _____. Accomplish the requirements of 2.____.

F14

NOTE: USE FOR REPLACE WITH NEW, INSTALL OR REINSTALL -
EQUIPMENT.

HOOK-UP DATA COVERED BY 009-73.

Install equipment listed in 1.3.____. Install retained hardware of 3.____ and **install** new **each** fastener using 2.____ for guidance. |

F15a

NOTE: KNOWN TO BE A REQUIREMENT ON CG-47 CLASS.

HOOK-UP DATA COVERED BY 009-73.

Install equipment listed in 1.3.____. Install retained hardware of 3.____ and **install** new **each** fastener using 2.____ for guidance. |

F15b

NOTE: FOR REFERENCE USE MIL-STD-1310, SHIPBOARD BONDING, GROUNDING, AND OTHER TECHNIQUES FOR ELECTROMAGNETIC COMPATIBILITY AND SAFETY.

BOND STRAP FABRICATION AND INSTALLATION SHALL BE IN ACCORDANCE WITH SECTIONS 7 AND 8 OF SE000-01-IMB-010, NAVY INSTALLATION AND MAINTENANCE BOOK (NIMB), SECTION VII, INDUSTRIAL ELECTROMAGNETIC COMPATIBILITY (IEMC) WORK PROCESS INSTRUCTIONS (SOURCE CD: N0002400003), INDUSTRIAL ELECTROMAGNETIC COMPATIBILITY (IEMC) WORK PROCESS INSTRUCTIONS.

Bond and ground equipment in accordance with 2.__. **Each** grounding strap shall be CRES 316L for topside equipment.

F16a

NOTE: FOR REFERENCE USE (10001) OD 32382, GROUNDING AND BONDING EQUIPMENT ENCL. CHASSIS AND CASES, DESIGN AND INSTALLATION.

Bond and ground equipment in accordance with 2.____ and 2.____.

F16b

Ensure acceptable criteria for equipment to hull ground via bond or ground strap is one-tenth ohm maximum.

F17

Remove existing and install new **each** lug conforming to MIL-T-16366.

F18

Remove existing and install new **each** conductor identification sleeving conforming to SAE-AMS-DTL-23053, Class I, white, marked with indelible ink.

F19

NOTE: FOR REFERENCE IN F22-F24, USE SE000-01-IMB-010, NAVY INSTALLATION AND MAINTENANCE BOOK (NIMB), SECTION IX, INSTALLATION STANDARDS (SOURCE CD: N0002400003).

Maintain temporary pressurization of _____ in accordance with Paragraph 5-2.7.1 of 2.____ upon completion of Insertion Loss Test.

F22

Purge and pressurize _____ in accordance with Paragraph 5-1.14 of 2.____ upon completion of _____ installation.

F23

Blank _____ during unattended periods and maintain pressurization in accordance with Paragraph 5-2.6.6 of 2.____.

F24

NOTE: USE F26a-F26c AND F28a-F28b FOR POST-REPAIR TEST.

Accomplish each Performance Test of 2.____. Align and adjust within **each** tolerance specified therein.

F26a

Record each reading on **each** performance summary sheet.

F26b

Submit one legible copy, in hard copy or approved transferrable media, of **each** completed summary sheet to the SUPERVISOR.

F26c

Accomplish an operational test of ship's service telephone installation. Accomplish adjustments to verify operational performance in accordance with 2.____.

F28a

Verify each circuit for audio output, clarity of voice transmission, and correct phone number.

F28b

Measure insulation resistance to ground for each stationary field winding and rotating field winding using a 500 volt direct current megger. Do not apply high voltages through solid state devices.

F29

Accomplish **each** maintenance/reference standard test and record **each** measurement of **each piece of** equipment listed in 1.___ in accordance with 2.___. Calibrate, test, and adjust **each piece of** equipment and verify the performance of the equipment is within tolerance, using regulated power within the limits specified in 2.___.

F30a

Install and connect equipment aboard ship prior to maintenance/reference standards test.

F30b

NOTE: USE D1 AS SUBPARAGRAPH TO F35

Remove **each** unused foundation, cable hanger, wireway, bracket, and stud.

F35

Install new **each** foundation and stud for _____. Template from new equipment. Install equipment on new foundation.

F36

Install and connect _____, installing new **each** fastener. |

F37a

Install and connect _____, installing new **each** fastener. |

F37b

Silver plate _____ in accordance with ASTM B 700.

F38