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3-1. POLICY

a. The Bureau of Ships Manual, Chapter 67, which establishes the policy for alterations and modifications to electronic equipment, defines alterations as any change in hull, machinery, fittings, or equipment affecting design, material, number, location, or relationship of the component parts of an assembly or system.

b. Only in actual emergencies will alterations to, or modification of, electronic equipment under the cognizance of the Bureau of Ships be undertaken without prior approval of, or direction by, the Bureau. All requests for approval shall be forwarded via the chain of command; state the exact nature of the proposed alteration or modification, reason therefor (also whether for permanent or for special temporary use), and appropriation to which chargeable. Unauthorized alterations to equipment under contractual guarantee may result in the nullification or cancellation of the guarantee and financial loss to the Government, and may result in failure of the equipment to provide the service for which it was installed. If alterations are accomplished under emergency conditions, adequate consideration must be given to safety of personnel and equipment and to the basic performance requirements. The Bureau should be advised at the earliest practicable date of the actual changes made.

c. Field changes are the means by which approved and authorized alterations or modifications are made to the Bureau of Ships electronic equipments. These changes are mandatory and shall be accomplished on equipment affected in accordance with the instructions contained in the field change bulletin.

d. Certain field change bulletins include the statement that "Bureau of Ships approval is required prior to accomplishment." Such statements should be disregarded. The only restrictions on the accomplishment of official field changes are those indicated in the Field Change Identification Guide (FCIG). Examples of such restrictions are as follows:

(1) Funding (funds must be cited).

(2) Field Change is equivalent to an alteration (ShipAlt must be assigned).

(3) Field Change is not applicable:

(a) Limited to specified serial numbered equipments (5-AN/SRT-14 applies only to serials 6 through 21).

(b) Limited to specific equipment configurations (1-RDR - applies only if equipment includes every type 10508 shock mount).

(c) Limited to applications requiring compatible interface (12-AN/SPA-8A to produce AN/SPA-32 for use in AN/SPS-39).

3-2. DOCUMENTATION

This guide is a revised list of field changes to electronics equipment under the technical control of the Bureau of Ships. It is in effect upon receipt.

3-3. OBJECTIVE

a. The objective of the FCIG is to provide a current list of field changes together with information enabling technical personnel to determine by inspection the applicable field changes that have been accomplished.

b. This guide does not indicate availability of the field change or correction material within the supply system.

3-4. DEFINITIONS

a. FIELD CHANGE. A field change is any modification or alteration authorized by the Bureau of Ships or agency concerned to be made to an electronics equipment subsequent to delivery to the government. Official field change numbers are published in the Electronics Information Bulletin (EIB) and this FCIG.

b. FIELD CHANGE KIT. A field change kit is the formal means made available to permit accomplishment of a field change. A kit may consist only of published matter or be an assembly of published matter and required material.

c. CLASSIFICATION OF FIELD CHANGE. Field changes are of the following types and classes:

(1) Types

(a) Type 1 - A Type 1 field change includes a publications package and all parts and materials required to accomplish the change to a single equipment and to revise equipment nameplates and manuals.

1-AM-215/U – Tube retaining clips, install
Correction material: T-1 to NS 900,995
A FA-1-1/2 NS98163 F5895-311-2797
SERIAL: All open bridges
IDENTITY: Channel selector switch does not function.

2-AM-215/U - To electrically remove station selector switch
Correction material:
YF-1 NS98759 None
SERIAL: All installed on open bridges and pilot houses
IDENTITY:

1-AM-215A/U – Same as 2-AM/215/U

1-AM/215B/U – Same as 2-AM-215/U

1-AM-413/G - Replaces the 5Y3 Rectifier Tube V107 with Solid State Rectifiers Type 1N561
2-A YF-2 NS None
SERIAL: All (Shore)
IDENTITY: Loosen the two fasteners on front panel of amplifier and allow front panel to swing open on its hinges. Observe that the 5Y3 rectifier tube socket XV-107 has been removed. Two solid state rectifiers can be seen mounted on (4) terminal studs secured to a 2-inch by 1-3/4 inch by 1/16 inch aluminum plate covers the chassis hole previously occupied by rectifier tube socket XV-107.

1-AM-413A/G - Same as 1-AM-413/G

1-AM-413B/G - Same as 1-AM-413/G

1-AM-413C/G - Same as 1-AM-413/G

1-AM-413D/G - Same as 1-AM-413/G

1-AM-420/U - Overload protection, provide
2-A FA-1/2 None
SERIAL: All
IDENTITY: 6 amp line fuses F103 & F104 replaced with 2 amp fuses.

2-AM-420/U - Replace capacitor C-123.
Correction material: T-3 to 91517
2-A FA-1/2 NS981235 None
SERIAL: All
IDENTITY: Absence of capacitor C-123, replace by two 300 Kohm capacitors.

1-AM-421/U - Same as 1-AM-420/U

1-AM-1365-URT – Improvement of operation.
Correction material: T-1 to NS93563
2-A FA-½ NS981330 None
SERIAL: 1 thru 306, except 303.
IDENTITY:

1-AM-2289/FSA-17–Installing mounting bracket for connectors J1 and J2.
Correction material: None
1-A FA-1½ NS981307 None
SERIAL: All
IDENTITY:

1-AM-2505/URA-31 - Pending

1-AM-2865/SYA-1(V) - Pulse Amplifier – Incorporation of Factory Field Bulletin and Unit Field Change
2A FA-1 None
SERIAL: All
IDENTITY: Field Change number stamped on the Field Change Accomplished plate.

1-AM-3377/SYA-4(V) - Pulse Amplifier; Incorporation of Factory Field Bulletins as a Unit Field Change
Correction material: None
2A NA None
SERIAL: All
IDENTITY: Change number stamped on the Field Change Accomplished plate.

2-AM-3377/SYA-4(V) - Wiring Change in -15VDC Power Control Relay
Correction material: None
2A FA-2 None
SERIAL: A1 thru A20
IDENTITY: Change number stamped on the Field Change Accomplished plate.

3-AM-3377/SYA-4(V) - Improve Thumb Screw Retaining Hardware
2-A FA-1 None
SERIAL: A1 thru A8 and A10
IDENTITY: Field Change number stamped on Field Change Accomplished plate.

1-AM-3712/SRC-16 - Same as 3-AN/SRC-16(U)

1-AN/ARC-1–Dynamotor inter, reduce
Correction material: T-1 to AN16-30ARC1-3, T-1 to AN08-30ARC1-3
A FA-2 NS98778 None
SERIAL: 1-8911
IDENTITY: C-801 changed to 10,000 mmfd. An 8,200 mmfd cap. installed bet. hi-voltage brush terminals and dynamotor "thru" bolt.

2-AN/ARC-1 - Guard reception, modif
Correction material: T-1 to NS 900,145
SERIAL: All
IDENTITY: Several capacitors and one resistor added to G.C. RF amp strip. C-253X added in parallel with C-253 at pin 1 of X-123. Guard channel strip must be removed to identify.

3-AN/ARC-1 - 115vac operation, adatp to AN/ARC- 1X
Correction material: Change 1 to AN16-30ARC1-3
C FA-2 NS98543 F5820-302-5522
SERIAL: BUSHIPS
IDENTITY: PP-1092/U installed

1-AN/ARC-1A – Same as 3-AN/ARC-1 except;
Correction material: Change 1 to AN16-30ARC1-7

2-AN/ARC-1A - Same as 2-AN/ARC-1

1-AN/BRA-4 -
Correction material:
NS98984 None
SERIAL: 2-22
IDENTITY:

1-AN/BRR-3 - Replacing connectors J607, J608, J609 and J610 with connector J618.
Correction material: Change 2 to NS93716, Change 1 to NS93716.61, Change 1 to NS93716.42
1-A FA-2 NS981479 F5820-064-6248
SERIAL: A1 through A9 and B1 through B99
IDENTITY: One nine pin connector replaces four coaxial connectors for the loop antenna cable.

2-AN/BRR-3- Change in Value of Resistor R530
Correction material: to NS93716
2-A FA- NS None
SERIAL: All
IDENTITY: Proper recording of the field change number on the Field Changes Accomplished Plate.

1-AN/CRT-3 - Operating freq, chg
Correction material: T-1 to AN16-30CRT3-2
A FA-1-1/2 NS98393 F5820-302-4110
SERIAL: All on ships
IDENTITY: Switchplate reads new frequency 8364 KC.

2-AN/CRT-3 - Replacement of Radioactive Knobs and Dials
NS981803 F5820-763-1133

1-AN/FCC-3 – Res in recvr, chg
Correction material: T-1 to NS 91901
1-A FA-9 NS98419
SERIAL: 1-69
IDENTITY: Two 10K watt wirewound resistors are installed in the "B" power supply as filter resistors.

2-AN/FCC-3 – Res in freq converters, repl
Correction material: T-1 to NS 91901
1-A FA-9 NS98420
SERIAL: 1-103
IDENTITY: R-2635 in plate circuit of V-2604B is 240K

3-AN/FCC-3 – DC ampl ckt in xmtr, modif
Correction material: T-1 to NS 91901
1-A FA-9 NS98421
SERIAL: 1-40
IDENTITY: Neon glow lamp between pin 1 of V-03A and pin 7 of V-03B

4-AN/FCC-3 – Wide band channels to narrow, chg
Correction material: None
A FA-2 NS98955 None
SERIAL: When designed by CNO

1-AN/FCC-7 – Same as 1-AN/FCC-3 – except
SERIAL: 1-4

2-AN/FCC-7 – Same as 2-AN/FCC-3 – except
SERIAL: 1-9

3-AN/FCC-7 – Same as 3-AN/FCC-3 – except
SERIAL: 1-29

1-AN/FCC-8 – Same as 1-AN/FCC-3 – except
SERIAL: 1-14

2-AN/FCC-8 – Same as 2-AN/FCC-3 – except
SERIAL: 1-14

1-AN/FCC-16 - Additional wiring for transmitters T-711/FC and receivers J-109
Correction material: T-1 to NS92119(A)
2-A FA-4 NS981509 None
SERIAL: All
IDENTITY: Inspection of jacks numbered J-309 in the transmitters and J-109 in the receivers. The field change places jumpers between terminals 2 and 3 of these jacks.

2-AN/FCC-16, VFTG Terminal Equipment - Modification of Transmitter Drawer T-700/FCC-16
2-A None
SERIAL: All
IDENTITY: Field change number stamped on Field Change Accomplished plate.

10-AN/FRA-11 - Provides Quick Disconnect cabling and chassis slides.
Correction material: Change 2 to NS92273
1-A FA-2 NS981419 None
SERIAL: All Shore (70)
IDENTITY: The SB-390/FRA-11, AM-1044/FRA-11 and AM-1041/FRA-11 will be mounted on slides

11-AN/FRA-11 - Relocation of transmitter line isolation transformers to SB-390/FRA-11.
Correction material: Change 2 to NS92273
3-A FA-16 NS981420 None
SERIAL: All shore (70) (To be accomplished only during rehabilitation or overhaul and concurrently with FC 10
IDENTITY: Sixteen transformers will be mounted on the top side of the SB-390/FRA-11 chassis.

1-AN/FRA-16 - Provide add circuit and equipment protection
1-B YF-16 NS981061 None
SERIAL: All
IDENTITY: F101, F102, F103, F104 are 250 volt fuses

1-AN/FRA-19(V) - Same as 1-AN/FRA-501

1-AN/FRA-54 (V) - Modification of the Magnetic Head Shield to Allow Ease of Cleaning Magnetic Head
Correction material:
1-A FA- NS981705 None
SERIAL: All
IDENTITY:

1-AN/FRA-501 - Replacement of resistors R-53, R-55 and R-57 in Remote Controls C-5027/FRA-501 through C-5031/FRA-501 and C-5027A/FRA-501 through C-5031A/FRA-501.
Correction material: NS92600(B)
2-A FA-2 NS93238 None
SERIAL: Remote control units associated with AN/FRA-501, -501A, AN/FRA-19(V)
IDENTITY: A 68,000-ohm resistor connected between pins 3 and 6 on tube sockets XV-1, XV-3 and XV-5.

1-AN/FRA-501A - Same as 1-AN/FRA-501

1-AN/FRC-6 - Chassis modif to fit tube type 5933
2-A FA-1 NS981131 None
SERIAL: All
IDENTITY: No visible means

1-AN/FRC-6A - Same as 1-AN/FRC-6

1-AN/FRC-59 - Modification to Provide Continuous Meter Monitoring Circuits
Correction material: Not required
2-A FA-8 NS981689 None
SERIAL: Equipments installed in locations that require transporting of test equipment to points accessible only by small ladders or where cranes or pulleys are used.
IDENTITY: Presence of additional rack panel installed in place of the audio panel, which is relocated at the bottom of the rack.

1-AN/FRM-3 - Radiation, reduce
Correction material: T-1 to NS 91320(A), T-2 to NS 900,708, T-1 to NS 900,477
2-A FA-24 NS98668 None
SERIAL: All
IDENTITY: Coaxial connectors J608, 9 & 10 added in converter.

1-AN/FRN-12A - Addition of balancing controls in IPA and PA Stages.
Correction Material: None
1-A FA-4 NS981427 None
SERIAL: All
IDENTITY:

2-AN/FRN-12A - VOR Amni Range (simultaneous voice and ident, transmission)
Correction material: T-1 to T.O. 31R4-2 FRN-12-2
2-A FA-1 NS981572 None
SERIAL: All Navy Owned
IDENTITY:

3-AN/FRN-12A - Modification to Prevent Operation of Keyer Motor While Equipment is in Stand-by Condition
Correction material:
2-A FA-3 None
SERIAL: All
IDENTITY: Presence of a SPST momentary contact switch S-1401, having replaced the original DPST switch.

4-AN/FRN-12A - Replacement of AS-494/FRN-12A type Antenna System With the Adjustable Fixed Loop Type
Correction material: T-2 to T.O. 31R4-2FRN12-1
2-B FA-600 NS981643
SERIAL: All VOR omni-range equipments
IDENTITY: Presence of a fixed-loop type antenna in lieu of a squirrel-cage type antenna.

5-AN/FRN-12A—Providing Fail-Safe Circuit for Remote Monitor Amplifier AM-325/FRN-12
Correction material: T- to NS 94467
1-A YF-4 NS 981749
SERIAL: All equipments which utilize type AM-325 amplifier
IDENTITY: A bridge type selenium rectifier, mounted near L4701, inside AM-325/FRN-12, is plainly visible when the front panel is opened.

6-AN/FRN-12A - Modification to Remove the Voltage from Blower Fan BL-3201 when rear panel of Cabinet of the Control Monitor Group CY-810/FRN-12A or CY-1495/MRN-9 is removed
Correction Material: T- to NS94467
2-A FA-2 None
SERIAL: All
IDENTITY: Blower Fan BL-3201 will not operate when rear panel of Cabinet CY-810/FRN-12A or CY-1495/MRN-9 is removed. Installation should be accomplished immediately upon receipt of this EIB

4-AN/MRN-9 - Same as 6-AN/FRN-12A

1-AN/FRN-17 - R305, R306, and ped sw pin, repl
Correction material: T-1 to NS 92334(A)
A FA-1/2 NS98665 None
SERIAL: 1-38
IDENTITY: Steel ped sw pin screws into magnetic disc.

1-AN/FRN-24 - Installation of 120 cycle filter.
Correction material: T-2 to NS93291
1-A FA-1 NS981482 None
SERAIL: All
IDENTITY: The presence of filter mounted on left side of transmitter control C-2516/FRN-24 to the rear of L-201/C-201.

1-AN/FRR-10 - AGC & cons, improve
2-A FA-3 NS98870
SERIAL: 1-33
IDENTITY:

2-AN/FRR-10—Replacement of two watt carbon resistors.
Correction material:
2-A FA-3 NS None
SERIAL: All (AM-450B, 451B, 452B, 453B/FRR-24)
IDENTITY: Precence of two wirewound resistors on terminal board B-101 in lieu of six carbon resistors.

1-AN/FRR-21 - Provide silicon diode rectifiers and Zener diode voltage regulator in lieu of electron tube type 6 x 4 and Ballast tube type 1HT4.
Correction material: T-4 to NS92211
1-A FA-1 NS981356 FS820-856-0078
SERIAL: All
IDENTITY: V1601, V1602, and R1605 replaced by the diode rectifier unit.

1-AN/FRR-22 - Same as 1-AN/FRR-21

1-AN/FRR-23 - Same as 1-AN/FRR-21

1-AN/FRR-26 – Relocates AF Level Control R-301 and Squelch Control R-217
Correction material: T-2 to NS92557, T-2 to NS92679 and T-2 to NS92835
1-A FA-2 NS981664
SERIAL: All
IDENTITY: Observation of the front panel of the receiver will reveal the AF LEVEL and SQUELCH ADJ. controls.

1-AN/FRR-27 – Relocation of AF Level Control R-301 and Squelch Control R-216
Correction material: T-3 to NS92021
1-A FA- NS981658
SERIAL: All
IDENTITY: Observation of the front panel of the receiver will reveal the AF LEVEL and SQUELCH adjustments controls.

1-AN/FRR-30 – Same as 1-AN/FRR-26 except correction material T-2 to NS92679

1-AN/FRR-31 – Same as 1-AN/FRR-26 except correction material T-2 to NS92835

1-AN/FRR-49(V) -
Correction material: T-2 to NS92786(A)
1-A FA- NS981228 F5820-783-6504
SERIAL: All
IDENTITY:

2-AN/FRR-49(V)—Addition of output load resistor.
Correction material:
2-A FA-½ NS981329 None
SERIAL: All Radio Receivers R-5007/FRR-502.
IDENTITY: Presence of a 2-watt, 2000-ohm resistor connected across terminals 2 and 3 on the inside of terminal strip E-1.

***1-AN/FRT-15A** – Wiring chg. to deenergize mod. tuber and blower, etc.
Correction material: T-3 to NS91848(A)
2-A FA-2 NS981165 None
SERIAL: All
IDENTITY: With MAIN LINE circuit breaker and FILAMENT switch in the ON position, if either A2 or A3 is dialed, blower B-1501 will operate.

2-AN/FRT-15A - Same as 1-AN/FRT-15 except
Correction material: T-4 to 91848(A)

3-AN/FRT-15A - Same as 3-AN/FRT-15 except
Correction material: T-5 to 91845(A)

4-AN/FRT-15A - Same as 4-AN/FRT-15 except
Correction material: T-6 to NS91848(A)

5-AN/FRT-15A - Same as 5-AN/FRT-15

1-AN/FRT-17 - C417, repl; L603, chg R609, 610, remove
Correction material: T-3 to NS 91963
1-A FA-1½ NS98574 F5820-325-7483
SERIAL: 1-159
IDENTITY: R-609 and R-610 (adjacent to C-601) removed from CU-362 and C-417 changed from 100 mmf to 47 mmf (mounted on TB-405) in AM-766.

2-AN/FRT-17 - Remote control voice
Correction material: T-5 to NS91963
1-A FA-1 NS981098 None
SERIAL: All
IDENTITY: Terminal 6 on sw S813F removed from ground and connected to terminal 5

3-AN/FRT-17 – Change to RF power amplifier sub assembly chassis.
Correction material: None
2-A FA-1 NS981437 None
SERIAL: All
IDENTITY:

1-AN/FRT-18 - Caps in AM-897/FRT, modif
Correction material: T-3 to NS 92018
A FA-2 NS98558 None
SERIAL: BUSHIPS 1, 3-44
IDENTITY: Addition of capacitors C-963 thru C-968

2-AN/FRT-18 - C417, C901, C902, L603, chg; R609, R610
Correction material: T-4 to NS 92018
remove
1-A FA-2 NS98575 F5820-568-7818
SERIAL: 1-95
IDENTITY: C-901 and C-902 are changed to 200 mmf

3-AN/FRT-18 – Same as 2-AN/FRT-17 except
Correction material: T-6 to NS92018

4-AN/FRT-18 – Same as 3-AN/FRT-17

5-AN/FRT-18 - Disabling of modulator section when Transmitter is not used for A-3 emission.
Correction material: T-7 to NS92018
2-A- FA-1/2 NS981480 None
SERIAL: When transmitter is not expected to be used for A-3 type of emission
IDENTITY: Accomplishment can readily be detected by the absence of vacuum tubes in the modulator section of the transmitter.

1-AN/FRT-19 - Ant. helix tuning relay, modif
Correction material: None
1-A FA-2 NS98677 F5820-590-9840
SERIAL: All
IDENTITY: Contact pres springs mtd on ant helix tuning relay.

2-AN/FRT-19 - Radio transmitter circuit and mechanical modification.
Correction material:
NS
SERIAL: All installed
IDENTITY:

***1-AN/FRT-24** – Ground sw S-102 drive shaft and install C-106A
Correction material; T-4 to NS92223(A)
2-A FA-2 NS981166 None
SERIAL: All
IDENTITY: The insulated flexible shaft coupling 0-121 on modified equipments, has been replaced by noninsulated flexible shaft coupling.

2-AN/FRT-24 - Improving reliability of channel indicator circuits in Transmitter AN/FRT-24.
Correction material:
2-A FA-1 EIB 539 None
SERIAL: All
IDENTITY: Substitution of a two watt resistor for a one watt resistor (R-161) in the Autotune System.

3-AN/FRT-24 – Replacement of R-149 in T-440/FRT-24 to Reduce Excessive Radiation
Correction material: NS92223 (A)
2-A FA-1 None
SERIAL: T-440/FRT-24 Serial 224 and higher, and T-440 A/FRT-24 All
IDENTITY: R-149 is 2000 ohms

4-AN/FRT-24 - Provides Lifting Handles for the Side Panels of the Transmitter Cabinet
Correction material: None required
2-A YF-1 NS
SERIAL: ALL
IDENTITY: Close observation of the chrome trim strips on the side panels of the transmitter will reveal that the center trim strip on each side panel has been separated from the side panel by means of 3/4 inch spacers

5-AN/FRT-24 (C-1362/FRT-24) VU Meter Readings
Correction material: None
2-A FA-1 None
SERIAL: All
IDENTITY: Recording of field change number on Field Change Accomplished plate.

1-AN/FRT-25 - Same as 3-AN/FRT-15 except
Correction material: T-1 to NS92431

2-AN/FRT-25 - Same as 5-AN/FRT-15

1-AN/FRT-27 – Same as 6-AN/FRT-5 except: Correction material to T-1 to NS92501(A).

1-AN/FRT-39–Convenience Outlet
Correction material: None
2-A FA-1/2 NS
SERIAL: All
IDENTITY: Proper recording of the appropriate field change number on Field Change Record Plate

1-AN/FRT-39A – Removal of Capacitors
Correction material: NS94430
2-A FA-3 None
SERIAL: Equipment delivered and not modified.
IDENTITY:

2-AN/FRT-39A–Same as 1-AN/FRT-39

1-AN/FRT-39B – Same as 1-AN/FRT-39A except correction material: NS93699

2-AN/FRT-39B–Same as 1-AN/FRT-39

1-AN/FRT-39C–Same as 1-AN/FRT-39

1-AN/FRT-39D–Same as 1-AN/FRT-39

1-AN/FRT-40 – Same as 1-AN/FRT-39A except correction material: NS93167

2-AN/FRT-40–Same as 1-AN/FRT-39

1-AN/FRT-40A–Same as 1-AN/FRT-39

1-AN/FRT-40B–Same as 1-AN/FRT-39

1-AN/FRT-61 – Engineering Design Changes
Correction material: T- to NS94592
NS981686

1-AN/FSA-17 – NS981659-Virginia Elec. 87707. Refer to page 24.

1-AN/FSC-1(V) - Repl keying relay panel and misc chas
Correction material: None
1-B YF-16 NS98987 None
SERIAL: Stations 10-13
IDENTITY: Addition of pwr supply and keying relay panels

2-AN/FSC-1 (V) - SECRET

3-AN/FSC-1(V) - Dummy load G-269646, add
Correction material: None
1-A YF-16 NS981038 None
SERIAL: 10-13
IDENTITY: G-269646 installed with transmitter AN/FRT-24

1-AN/GMQ-2 - NT291529 timer fans, repl
A FA-2 NS98164 None
SERIAL: 1-125
IDENTITY: A phosphor-bronze fan is installed replacing steel fan inside timer unit.

2-AN/GMQ-2 - Ceilometer equipment
SERIAL: 1-125

1-AN/GRA-34 - Short alarm circuitry and simplification of alignment procedure
Correction material: Change 1 to NS 93121(A)
1-A FA-16 NS981094 F5820-542-7137
SERIAL: 1-447
IDENTITY: Tube XV110 in monitor chassis changed from a 5654 to a 6A56W, and resistor R-1327 (sw. chassis) removed

2-AN/GRA-34 - Operational and maintenance improvements.
Correction material: None
1-A YF-5 NS981357 None
SERIAL: All
IDENTITY: Presence of screen covers on all four sides of monitor and screen guard over blower motor.

*3-AN/GRN-9B –Operational improvement for reduction of radiated noise.
Correction material; None
1-A FA-3 NS981183 None
SERIAL: 1 thru 100
IDENTITY: Presence of reference symbol E1478 on underside of video chassis.

4-AN/GRN-9B - Reduction of radiated noise.
Correction material: Change 1 to NS 93177(A)
1–A FA–10 NS981363 F5825–856–1861
SERIAL: Equipments on NObsr 75819
IDENTITY: Presence of RF Shield Box

5-AN/GRN-9B - Installation of frequency multiplier oscillator high voltage protective shield
Corrective material: None
1-A FA-1 NS981404 None
SERIAL: CV-650/GRN-9B
IDENTITY: Presence of protective shield over R1471 in the video chassis in the frequency multiplier oscillator drawer.

6-AN/GRN-9B - Same as 15-AN/URN-3

7-AN/GRN-9B–Modification to Stabilize the North and Auxiliary Reference Pulses
Correction material: T- to NS 93177 (A)
2-A FA-3 NS None
SERIAL: KY-248/GRN-9B Corder Indicator
IDENTITY: Presence of an 1N69 diode between terminals 20 and 21 of TB 698, an 1N69 diode between terminals 26 and 27 of TB 698, and a 120,000-ohm resistor between terminals 22 and 61 of TB 698

8-AN/GRN-9B–Modification of S609 in Keyer KY-248/GRN-9B
Correction material: T- to NS 93177
2-A YF NS
SERIAL: All supplied with keyer KY-248/GRN-9B
IDENTITY: A jumper will be found between contacts 6 and 7 of S-609

9-AN/GRN-9B - Installation of Klystron Aging Switch
Correction material: NS 93177(A)
1-A FA-3 To be assigned To be assigned
SERIAL: All
IDENTITY: Presence of a NORMAL/AGE switch on the fuse Panel of Power Supply Group Cabinet CY-2374/GRN-9B.

1-AN/GRN-9C - Interference shield kit
Correction material: None
1-A FA-4 NS981115 None
SERIAL: 1-21 less 11
IDENTITY: Shield installed around CV-673/GRN-9C

*2-AN/GRN-9C – Furnish special wrench and mounting clip for klystron tuning.
Correction material: Change 1 to NS93208(A)
1-A FA-1 NS981218 F5825-789-1069
SERIAL: 1-342
IDENTITY:

*3-AN/GRN-9C - Replace capacitors C331 and C335 to improve adjacent channel rejection
Correction material: Change 1 to NS93028(A)
1-A FA-1 NS981219 F5825-789-1070
SERIAL: 200, 205, 207, and 212.
IDENTITY:

*4-AN/GRN-9C - Repl R1788 to eliminate drop in north reference burst
Correction material: Change 1 to NS93208 (A)
1-A FA-1/4 NS981220 F5825-789-1071
SERIAL: 1-26, 28-129, 131-167, 180-221, 223-258, 260-277, 288-293, 295-300, 302, 304, 308, 315, 317-342.
IDENTITY:

5-AN/GRN-9C – Installation of high voltage protective
Correction material: None
1-A FA-1 NS981396 None
SERIAL: All AN/GRN-9C on NAS
IDENTITY: Presence of protective shield on video chassis.

6-AN/GRN-9C - Operational improvements.
Correction material: None
1-A FA-1 NS981462 None
SERIAL: Sets installed at Naval Air Stations
IDENTITY: Presence of an elongated hole on right hand side of shield over the RF section in the frequency multiplier oscillator and also the presence of a larger diameter raised surface on the top cover of the shield over the RF section in the frequency multiplier oscillator.

7-AN/GRN-9C - Same as 15-AN/URN-3

8-AN/GRN-9C-Improve Reliability and Prevent Terminal Board Damage in Coder - Indicator KY-248A/GRN-9B Power Supply
Correction material: T- to NS93208(A)
2-A FA-1 NS None
SERIAL: All
IDENTITY: Substitution of 1/2-watt resistors (R752 and R753) in subject power supply with 2-watt resistors.

9-AN/GRN-9C - Modification to Eliminate Spurious Triggering of North Gate Generator in Coder Indicator KY-248A/GRN-9B
Correction material: NS 93208A
2-A YF-1 None
SERIAL: All indicators, Coder - KY-248A/GRN-9B
IDENTITY: A 1N457 Diode will be located on TB608 between terminals 7 and 57.

10-AN/GRN-9C - Replacement of Blower Protect Fuses
Correction material: NS 93208(A)
1-A YF-1
SERIAL: All
IDENTITY: The presence of a 3.0 ampere fuse in fuseholders XF-901, XF-902, XF-903, and XF-904 and the presence of a 2.5 ampere fuse in fuseholders XF-1006, XF-1007, XF-1008, and XF-1010.

11-AN/GRN-9C - Installation of Klystron Aging Switch
Correction material: NS 93208(A)
1-A FA-3 To be assigned
To be assigned
SERIAL: All
IDENTITY: Presence of a NORMAL/AGE switch on the hinged fuse panel of Power Supply Group Cabinet CY-2374A/GRN-9C.

1-AN/MRN-9 – Same as 1-AN/FRN-12A

2-AN/MRN-9 – VOR Omni Range (Same as 2-AN/FRN-12A except):
Correction material: T-1 to NS92411(A)

3-AN/MRN-9–Same as 5-AN/FRN-12A

4-AN/MRN-9- Same as 6-AN/FRN-12A

1-AN/MRN-18 – Elimination of one set of test equipment.
Correction material: None
2-C YF-4 NS981377 None
SERIAL: All only during shipyard overhaul
IDENTITY: Presence of one set only of test equipment.

1-AN/MRN-21 - Elimination of one set of test equipment.
Correction material: None
2-C YF-4 NS981377 None
SERIAL: All only during shipyard overhaul
IDENTITY: Presence of one set only of test equipment.

1-AN/PRC-41–Battery Warning Decal on Transit Case CY-3883/PRC-41
Correction material: T- to NS 93714
2A FA-1/4 NS
SERIAL: All
IDENTITY:

1-AN-SGC-1A - 20 milliamp, modif
Correction material: T-2 to NS 91503
2-B YF-2 NS98691 None
SERIAL: Only when 20MA operation required
IDENTITY: A dpst switch installed near the top and to the right of front panel

1-AN/SIC-1 - Cabinet repl; load res, add
Correction material: Change 1 to NS 92165(A)
1-A FA-8 NS98636 F5830-332-1811
SERIAL: 1-67
IDENTITY: Elect. equip. cab CY-1173A replaced W/CY-183A.

2-AN/SIC-1 - Channel "lockout" feature, eliminate
Correction material: None
2-A FA-2 NS981010 None
SERIAL: All
IDENTITY: A jumper wire connects terminals 1149-1159 to ground in console OA-365/SIC-1

1-AN/SRA-12 - Front Panel Replacement (Modifies equipment to AN/SRA-12B)
Correction material: Chg 3 to NS92206
1-A FA-2 981209 F5915-752-1008
SERIAL: 1001 thru 1307 and 2160 thru 2184 (NObsr-75181)
IDENTITY:

1-AN/SRA-13 – Modification of Fuse Panels SB-406/SRA and SB-407/SRA
Correction material:
2-A FA- NS981347 None
SERIAL: SB-406/SRA and SB-407/SRA associated w/AN/SRA-13,-14,-15 and -16
IDENTITY: Presence of a toggle switch located directly below the blower signal lamp I-201 on the fuse panels SB-406/SRA and SB-407/SRA.

1-AN/SRA-14 – Same as 1-AN/SRA-13

1-AN/SRA-15 – Same as 1-AN/SRA-13

1-AN/SRA-16 – Same as 1-AN/SRA/13

1-AN/SRA-18 - Connections to overload relay of C-1360
Correction material: T-1 to NS 92540(A)
SRT
2-A FA-1 NS98862 None
SERIAL: 1-250
IDENTITY: Relocate overload relay K-123 to terminal number 3.

2-AN/SRA-18 - Interconnecting cables, simplify
Correction material: Change 2 to NS 92540(A)
2-A FA-3 NS98956 None
SERIAL: All
IDENTITY:

3-AN/SRA-18 - Antenna trans line fittings W-301, W-3501 & W-3502, modif
Correction material: Change 3 to NS 92540(A)
2-A FA-8 NS98961 None
SERIAL: 1-250
IDENTITY: Replacement of coaxial cable R-F terminal with MX-2034/UR

4-AN/SRA-18 – Repl. ant. xmsn. line fittings W301, W3501 and W3502.
Correction material: Change 5 to NS92540(A)
1-A FA-3 NS981178 F5820-682-2723
SERIAL: All
IDENTITY: Insulators IL-59/UR used as antenna transmission line fittings.

5-AN/SRA-18 - Improvement for the mounting of switch S-307 in Radio Frequency Tuner TN-229/SRT.
Correction material: None
2-A FA-2 NS981238 None
SERIAL: All
IDENTITY: Presence of a No. 8 flat washer mounted at the top of each standoff under the switch mounting plate.

6-AN/SRA-18 – Replacing electromagnetic actuators B303, B3501, and B3502. Replacing sliding short and guide shoe E305 and 0376. Replacing mounting screws for C3501.
Correction material: T–10 to NS92540(A) and T-2 to NS92121(A)
1-A FA-16 NS981284 None
SERIAL: All
IDENTITY: Presence of nylon screws in capacitor C3501 and nylon guide shoes for electromagnetic actuator E305.

7-AN/SRA-18–Obsolete

1-AN/SRA-18A – Same as 6-AN/SRA-18

* **1-AN/SRA-22** – Eliminate continuing equipment failures due to "Operator Tuning Errors."
Correction material: T-1 to NS93286
2-A FA-2 NS981259 None
SERIAL: 1–353
IDENTITY: Toggle switch mounted on C–2698/SRA–22 next to fuse holder.

2-AN/SRA-22 - Protection of Antenna Coupler CU-714/SRA-22 Against possible damage due to Antenna Systems w/High Standing Wave Ratios
Correction material: Change 3 to NS 93286
1-A FA-3 NS981711 F5820-078-5510
SERIAL: 1 thru 1133 approximately
IDENTITY: Presence of VSWR circuit board mounted on terminal of meter M1

3-AN/SRA-22 – Fuse Failure in AN/URC-32( )
Correction material: to NS93286
2-A FA-½ None
SERIAL: Coupler Control C-2698/SRA-22, part of Antenna Control Group AN/SRA-22, serial numbers 1 through 1132, when used with AN/URC-32A or when used with AN/URC-32 having an AN/SRA-22 with a VSWR protective circuit addition.
IDENTITY: When the C-2698/SRA-22 ground connection to pin J6-6 has been removed.

4-AN/SRA-22–Pressurization of CU-714/SRA-22
Correction material: T- to NS 93286
2-A FA-1 NS
SERIAL: All
IDENTITY: Presence of 0-30 psi gauge mounted on the right front of the CU-714/SRA-22

5-AN/SRA-22 - Protection of Antenna Coupler CU-714/SRA-22 against possible damage due to overdriving of mechanical stops
Correction material: To be included in revised manual
1-A FA-8 NS0285-081-0800 F5820-919-9324
SERIAL: All
IDENTITY: Presence of a two-wafer switch mounted on shaft of COIL potentiometer R-6

6-AN/SRA-22–Interchanging Brass Bolt with Nylon Bolt in CU-714/SRA-22
Correction material: T- to NS 93286
2-A FA-1 NS
SERIAL: All
IDENTITY: Presence of the nylon bolt (1H-58)

7-AN/SRA-22 - Antenna Coupler Group – Replacement of TUNE-OPERATE Switch
Correction material: Change 3 to NS 93286
2-A FA-4 None
SERIAL: All
IDENTITY: Presence of a 4PDT TUNE-OPERATE switch.

8-AN/SRA-22 - Antenna Coupler; Terminal Board Protective Cover for
Correction material: None required
2-A FA-1/2 None
SERIAL: 1 thru 350
IDENTITY: Presence of a protective cover measuring 12 1/4 x 1 1/4 with 3/8" beveled sides mounted over Terminal Board TB-5.

1-AN/SRA-23 – Replacement of Roller Shear Pins in Coupler Selector Switch
Correction material: Not required
2-A FA-½ NS981566 None
SERIAL: All C-2530/SRA-23 associated with AN/SRA-23
IDENTITY: BY visual inspection and comparison.

1-AN/SRC-10 – MX-1583/SRC, install for remote opr
Correction material: T-2 to TM11-286
C FA-4 NS98518(B) F5820-642-7918
SERIAL: All on ships
IDENTITY: Presence of MX-1583/SRC
Note: FC kits include old bulletins so NAVSHIPS 98518K must be ordered.

2-AN/SRC-10 - Type bnq conn, repl w/type N
2-A FA-2 NS98573 (A) F5820-332-1907
SERIAL: All
IDENTITY: Installation of type N connector

3-AN/SRC-10 - Metal-cal nameplates, apply
A FA-1/3 NS98688 F5820-348-4936
SERIAL: All
IDENTITY: Appearance of metal-cal nameplate on the right hand mounting foundation

1-AN/SRC-10X - Same as 1-AN/SRC-10

2-AN/SRC-10X - Same as 2-AN/SRC-10

3-AN/SRC-10X - Same as 3-AN/SRC-10

1-AN/SRC-10Y - Same as 2-AN/SRC-10

2-AN/SRC-10Y - MX-1986/SRC, install adaptor
A FA-3 NS98762 F5820-501-4576
SERIAL: Equips to be integrated into shipboard radio remote cont. system
IDENTITY: Presence of MX-1986/SRC.

3-AN/SRC-10Y - Same as 3-AN/SRC-10

4-AN/SRC-10Y – Installation of an Adapter Box on Load Resistor Adapter Unit
Correction material: Not required
2-A FA-8 None
SERIAL: Equips where auxiliary Radio Receivers R-108, –109 or –110/GRC are not used, and AC Power Supply PP-1175/SR is used (Part of FC 2-AN/SRC-10Y)
IDENTITY: Presence of an additional box mounted to the terminal box on rack of subject radio sets.

1-AN/SRC-11 - MX-1583/SRC, install for remote opr
Correction material: T-2 to TM11-286
C YF-4 NS98518 (B) F5820-642-7918
SERIAL: All on ships
IDENTITY: Presnece of MX-1583/SRC
Note: FC kits include old bulletins so NAVSHIPS 98518-K must be ordered.

2-AN/SRC-11 - Type bnc conn repl w/type N
2-A FA-2 NS98573 (a) F5820-332-1907
SERIAL: All
IDENTITY: Installation of type N connector

3-AN/SRC-11 - Metal-cal nameplates, apply
A FA-1/3 NS98688 F5820-348-4936
SERIAL: All
IDENTITY: Appearance of metal-cal nameplate on the right hand mounting foundation

1-AN/SRC-11X - Same as 1-AN/SRC-11

2-AN/SRC-11X - Same as 2-AN/SRC-11

3AN/SRC-11X - Same ad 3-AN/SRC-11

1-AN/SRC-11Y - Same as 2-AN/SRC-11

2-AN/SRC-11Y - MX-1986/SRC, install adaptor
Correction material: See 98762
A FA-3 NS98762 F5820-501-4576
SERIAL: Equips to be integrated into shipboard radio remote cont. system
IDENTITY: Presence of MX-1986/SRC.

3-AN/SRC-11Y - Same as 3-AN/SRC-11

4-AN/SRC-11Y – Same as 4-AN/SRC-10Y

1-AN/SRC-12 - MX-1583/SRC, install for remote opr
C YF-4 NS98518 (b) F5820-642-7918
SERIAL: All on ships
IDENTITY: Presence of MX-1583/SRC
NOTE: FC kits include old bulletins so NAVSHIPS 98518-K must be ordered.

2-AN/SRC-12 - Type bnq conn, repl w/type N
2-A FA-2 NS98573 (A) F5820-332-1907
SERIAL: All
IDENTITY: Installation of type N connector

3-AN/SRC-12 - Metal-cal nameplates, supply
A FA-1/3 NS98688 F5820-348-4936
SERIAL: All
IDENTITY: Appearance of metal-cal nameplate on the right hand mounting foundation

1-AN/SRC-12X - Same as 1-AN/SRC-12

2-AN/SRC-12X - Same as 2-AN/SRC-12

3-AN/SRC-12X - Same as 3-AN/SRC-12

1-AN/SRC-12Y - Same as 2-AN/SRC-12

2-AN/SRC-12Y - MX-1986/SRC, install adaptor
Correction material: See NS 98762
A FA-3 NS98762 F5820-501-4576
SERIAL: Equips to be integrated into shipboard radio remote cont. system
IDENTITY: Presence of MX-1986/SRC

3-AN/SRC-12Y - Same as 3-AN/SRC-12

4-AN/SRC-12Y - Same as 4-AN/SRC-10Y

1-AN/SRC-13 - MX-1583/SRC, install for remote opr
Correction material: T-2 to TM11-611
C YF-4 NS98518 (B) F5820-642-7918
SERIAL: All on ships
IDENTITY: Presence of MX-1583/SRC.
Note: FC kits include old bulletins so NAVSHIPS 98518-K must be ordered.

2-AN/SRC-13 - Type bnc conn, repl w/type N
2-A FA-2 NS98573 (A) F5820-332-1907
SERIAL: All
IDENTITY: Installation of type N connector

3-AN/SRC-13 - Metal-cal nameplates, apply
A FA-1/3 NS98688 F5820-348-4936
SERIAL: All
IDENTITY: Appearance of metal-cal nameplate on the right hand mounting foundation

1-AN/SRC-13X - Same as 1-AN/SRC-13

2-AN/SRC-13X - Same as 2-AN/SRC-13

3-AN/SCR-13X - Same as 3-AN/SRC-13

1-AN/SRC-13Y - Same as 2-AN/SRC-13

2-AN/SRC-13Y - MX-1986/SRC, install adaptor
Correction material: See NS 98762
A FA-3 NS98762 F5820-501-4576
SERIAL: Equips to be integrated into shipboard radio remote cont. system
IDENTITY: Presence of MX-1986/SRC.

3-AN/SRC-13Y - Same as 3-AN/SRC-13

4-AN/SRC-13Y - Same as 4-AN/SRC-10Y

1-AN/SRC-14 - MX-1583/SRC, install for remote opr
Correction material: T-2 to TM11-611
C YF-4 NS98518 (B) F5820-642-7918
SERIAL: All on ships
IDENTITY: Presence of MX-1583/SRC
Note: FC kits include old bulletins so NAVSHIPS 98518-K must be ordered

2-AN/SRC-14 - Type bnc conn, repl w/type N
2-A FA-2 NS98573 'A) F5820-332-1907
SERIAL: All
IDENTITY: Installation of type N connector

3-AN/SRC-14 - Metal-cal nameplates, apply
A FA-1/3 NS98688 F5820-348-4936
SERIAL: All
IDENTITY: Appearance of metal-cal nameplate on the right hand mounting foundation

1-AN/SRC-14X - Same as 1-AN/SRC-14

2-AN/SRC-14X - Same as 2-AN/SRC-14

3-AN/SRC-14X - Same as 3-AN/SRC-14

1-AN/SRC-14Y - Same as 2-AN/SRC-14

2-AN/SRC-14Y - MX-1986/SRC, install adaptor
Correction material: See NS 98762
A FA-3 NS98762 F5820-501-4576
SERIAL: Equips to be integrated into shipboard radio remote cont cont. system
IDENTITY: Presence of MX-1986/SRC

3-AN/SRC-14Y - Same as 3-AN/SRC-14

4-AN/SRC-14Y - Same as 4-AN/SRC-10Y

1-AN/SRC-15 - MX-1583/SRC, install
Correction material: T-2 to TM11-611
1-C YF-4 NS98518 (B) F5820-642-7918
SERIAL: All on ships
IDENTITY: Presence of MX-1583/SRC
NOTE: FC kits include old bulletins so NAVSHIPS 98518-K must be ordered

2-AN/SRC-15 - Type bnc connector, repl with type N
A FA-2 NS98573 (A) F5820-332-1907
SERIAL: All permanently installed aboard ships
IDENTITY: Installation of type N connector

3-AN/SRC-15 - Metal-cal nameplates, apply
1-A FA-1/3 NS98688 F5820-348-4936
SERIAL: All
IDENTITY: Appearance of metal-cal nameplate on the right hand mounting foundation.

1-AN/SRC-15X - Same as 1-AN/SRC-15

2-AN/SRC-15X - Same as 2-AN/SRC-15 - except
SERIAL: All
3-AN/SRC-15X - Same as 3-AN/SRC-15

1-AN/SRC-15Y - Same as 2-AN/SRC-15 - except
SERIAL: All

2-AN/SRC-15Y - MX-1986/SRC, install
Correction material: See NS 98763(A)
A FA-3 NS 98763(A) F5820-501-4576
SERIAL: All
IDENTITY: Presence of MX-1986/SRC

3-AN/SRC-15Y - Same as 3-AN/SRC-15 - except
SERIAL: Equips to be integrated into shipboard radio remote cont. system

4-AN/SRC-15Y - Same as 4-AN/SRC-10Y

1-AN/SRC-16(XN-1) - Communication Central - Incorporation of System Modification Bulletin as a Unit Field Change
Correction material: Incorporated in revised publications
2-A NA None
SERIAL: A1 thru A8
IDENTITY: Change number stamped on the Field Change Accomplished plate.

2-AN/SRC-16(XN-1) - Audio Patching Adapter Unit 6 Wiring Change
Correction material: NS 94288
2-A FA-1 None
SERIAL: All
IDENTITY: Performing the continuity test specified in the field change.

3-AN/SRC-16(XN-1) - Addition of Doppler Shift Simulator
Correction material: None required
1-A FA-1 NS0967-056-9220 F5820-940-8779
SERIAL: All
IDENTITY: Not applicable

1-AN/SRC-16(U) - Communications Central; Incorporation of System Modification Bulletins as a Unit Field Change
Correction material: None
2-A NA None
SERIAL: A1 thru A16
IDENTITY: Change number stamped on the Field Change Accomplished plate.

2-AN/SRC-16(U) - Converter Indicator Wiring Change
Correction material: NS 94717(A)
2-A FA-1 None
SERIAL: All
IDENTITY: Noting that there is a wire connected to pin 10 of J20 on the Converter-Indicator chassis and that there is a -1 following the MCN number of Relay Unit A17, CPN 528-0320-005.

3-AN/SRC-16(U) - Blower motor Wiring Change
Correction material: Not required
2-A FA-1/2 None
SERIAL: All
IDENTITY: Noting that the white wire from blower motor B1 on cabinet AM-3712/SRC-16 is not connected to ground.

1-AN/SRC-17 - Incorporation of Manson Field Change System Numbers as a Unit Field Change
Correction material: Incorporated in revised publication
2-A NA
SERIAL: A1 thru A11
IDENTITY: Change number stamped on the Field Change Accomplished plate.

1-AN/SRC-20 - Modification of C-3866/SRC to make System Compatible with C-1138 Control Unit
Correction material: NS 94695A
2-A FA-2 1/2 None
SERIAL: All not previously modified
IDENTITY: Two wires (white with red and blue tracers) connected to F-205.

2-AN/SRC-20 - Provide NCW Keying for Homing Beacon Installation
2-C FA-11 NS0967-050-7040 None
SERIAL: All used for Homing Beacon application
IDENTITY: Absence of wire on Pin 5 of K805 in Modulator Audio Amplifier Assembly.

3-AN/SRC-20 - Modification of PP-2702/URC-9 to provide Improved Operation during Shock and Vibration
Correction material: NS 94695A
2-A FA-1 None
SERIAL: All not previously modified
IDENTITY: Use of 1N561 in place of 1N560 for CR-1501 thru CR-1504.

4-AN/SRC-20 - Modification of Line Fuses Main F-204 and Radio Set F-206 to provide safety of Operations
Correction material: T- to NS94695(A) (0967-032-5000)
2-A FA-2 NS (EIB None
SERIAL: All
IDENTITY: Presence of DYMO-MITE Tape Writer labeling on the front of the C-3866/SRC

5-AN/SRC-20 - Changes added to AN/SRC-20 Adapts Equipment to withstand shock and vibration
Correction material: None required
1-A FA-3 NS0967-032-5040 None
SERIAL: All
IDENTITY: Presence of clamps in RT-581/URC-9 Guide Pins in C-3866/SRC and Screw lock pins for P-401 of Servo Amplifiers in AM-1565

1-AN/SRC-21 - Same as 1-AN/SRC-20

2-AN/SRC-21 - Same as 2-AN/SRC-20

3-AN/SRC-21 - Same as 3-AN/SRC-20

4-AN/SRC-21 - Same as 4-AN/SRC-20

5-AN/SRC-21 - Changes added adapts equipment to withstand shock and vibration
Correction material: None
1-A FA-2 NS0967-032-5050
SERIAL: All
IDENTITY: Presence of plug clamping plate in RT-581/URC-9 and Guide Pins in back panel to rear of C-3866/SRC

1-AN/SRC-22 (V)–Correcting Possible Thermal Instability Condition
Correction material: T-1 to NS 95762
1-A FA NS
SERIAL: Control Amplifier Portion of the AN/SRC-22 where necessary
IDENTITY:

1-AN/SRD-7 – Primary pwr source, modif
Correction material: Change 1 to NS 92349(A)
A FA-8 NS98943 F5825-543-0739
SERIAL: All
IDENTITY:

1-AN/SRN-6A - Reduction of radiated noise.
Correction material: Change 1 to NS93177(A)
1-A FA-10 NS981363 F5825-856-1861
SERIAL: Equipments on NObsr 75819
IDENTITY: Presence of RF shield box.

1-AN/SRR-4 - Failure of rotary SA-215/U, eliminate
Correction material: None
FA- NS981108 None
SERIAL: All
IDENTITY:

2-AN/SRR-4 - Repl RF head & add test jack.
Correction material: Change 3 to NS 91410(A)
1-B YF- NS98967 F5820-605-9326
SERIAL: All (Modifies Equip to AN/SRR-4B)

3-AN/SRR-4–Improvement of AEW system checkout.
Correction material: T-2 to 91410(A)
2-A FA-4 NS981338 None
SERIAL: All
IDENTITY: Train designator MK2 MOD5 mounted on the bulkhead with cable entering the Data Coverter CV-121/SRR-4 of the AN/SRR-4. With the AN/SRR-4 energized, the Train Designator MK2 MOD5 will be energized.

1-AN/SRR-4A - Same as 1-AN/SRR-4
Correction material: None

2-AN/SRR-4A - Same as 2-AN/SRR-4

3-AN/SRR-4A - Same as 3-AN/SRR-4

1-AN/SRR-11 - Provide silicon diode rectifiers and Zener diode voltage regulator in lieu of electron tube type 6X4 and Ballast tube type 1RT4.
Correction material: T-6 to NS91875(A)
1-A FA-1 NS981356 F5820-856-0078
SERIAL: All
IDENTITY: V1601, V1602, and R1605 are replaced by the diode rectifier unit.

1-AN/SRR-12 - Same as 1-AN/SRR-11

1-AN/SRR-13 - Pwr input volt, reduce
Correction material: None
2-A FA-½ NS981078 None
SERIAL: All
IDENTITY: No visible means

1-AN/SRR-13A - Same as 1-AN/SRR-13

1-AN/SRT-14 - TN-229/SRT, add stop to cplg coil
Correction material: None
A FA-6 NS98837 F5820-695-4275
SERIAL: 6-33
IDENTITY: Presence of stop rod in R-F tuner

2-AN/SRT-14 - C-1352/SRT, provide aux grd
Correction material: None
A FA-4 NS98838 F5820-695-4274
SERIAL: 6-33
IDENTITY: Relay K-401 installed adjacent to M-402 inside the control indicator

3-AN/SRT-14 - Not issued

4-AN/SRT-14 - Rf ampl AM-1008/SRT, prevent acr-over and suppression
Correction material: None
A FA-6 NS98840 F5820-695-4277
SERIAL: 34-323
IDENTITY: C-1345 installed between term C of S-1302A and C-1379 on right inside of AM-1008/SRT chassis

5-AN/SRT-14 - Improved parts for main test cable
Correction material: None
A FA-6 NS98841 F5820-695-4278
SERIAL: 6-21
IDENTITY: Improved maintest cable wired in accordance with wiring diagram NL.901193-14

6-AN/SRT-14 - Rf osc 0-275/SRT, improv freq stab.
Correction material: None
A FA-6 NS98842 F5820-695-4280
SERIAL: 6-71, 73-88, 90-142, 144-149, 151, 158, 163, 165, 166, 169, 172
IDENTITY: R-2244 installed on underside of unit 5 (in 0-275/SRT) between XV-2204 and stand-off term lug.

7-AN/SRT-14 - MD-229/SRT, repl fax input res
Correction material: None
A FA-1 NS98843 F5820-695-4269
SERIAL: 6-188
IDENTITY: A 620 ohm 5%, 2 w resistor connected across term 8F and 10F of S-1101B in top front of MD-229/SRT chassis

8-AN/SRT-14 - AM-1008/SRT, rf de-cplg in final ampl
Correction material: None
A FA-5 NS98844 F5820-695-4283
SERIAL: 6-33
IDENTITY: L-1345 and C-1379 installed in series between

9-AN/SRT-14 - CY-1571/SRT, protedt LO-V pwr supply
Correction material: None
A FA-2 NS98845 F5820-695-4308
SERIAL: 6-304
IDENTITY: Replacement of connector assy. protective cover located in electrical equip cabinet CY-1571/SRT, also add jumper on term board E-607.

10-AN/SRT-14 -Modification for mounting relay K-3004
Correction material: None
2-A FA-2 NS981237 None
SERIAL: All
IDENTITY: Presence of bakelite strip mounted underneath relays K-3004 and K-3005

11-AN/SRT-14 - Improvement for the mounting of switch S-307 in Radio Frequency Tuner TN-229/SRT.
Correction material: None
2-A FA-2 NS981238 None
SERIAL: All
IDENTITY: Presence of No. 8 flat washer mounted at the top of each standoff under the switch mounting plate.

12-AN/SRT-14 - Modification to provide single sideband (A3a) Mode Operation
Correction material: None
2-B YF-8 NS981236 None
SERIAL: All
IDENTITY: Toggle switch labeled "NORMAL-SSB" installed on front of radio Frequency Amplifier AM-1008/SRT

13-AN/SRT-14—Relocation of resistor to eliminate heat hazard.
Correction material: None
2-A FA-3 NS981345 None
SERIAL: All
IDENTITY: Resistor R-1045 is now mounted to the right of resistors R-1120 and R-1087.

14-AN/SRT-14—Improving the performance of transmitter using Receiver-Transmitter AN/WRA-1 for SSB.
Correction material: T-3 to 92121 (A)
2-A FA-1 NS981380 None
SERIAL: All using AN/WRA-1 for SSB.
IDENTITY: Substitution of the SPDT toggle switch S-1305 with a DPDT toggle switch.

15-AN/SRT-14 - Modification of Radio Modulator MD-229/SRT (LLRM) for Prevention of Malfunction of Antenna Switching Relay, K-k306 and KEYING RELAY K-1101
Correction material: T- 5 to NS92121(A)
2-A FA-2 NS981543 None
SERIAL: All
IDENTITY: Wiring changes in Radio Modulator MD-229/SRT (LLRM) and RF Amplifier AM-1008/SRT (RFA) and an additional resistor (200 ohm) mounted on blank terminal of E1004 between R-1058 and R-106

16-AN/SRT-14 – Guard for Cabinet Heater Switch
Correction material:
2-A FA-¼ None
SERIAL: All
IDENTITY: Presence of a guard installed over cabinet heater switch S3002

17-AN/SRT-14 - Simplification of Interconnecting Cables
Correction material: T- to NS92121(A)
2-A FA-5 NS None
SERIAL: All
IDENTITY: Absence of Junction Box Assembly on Antenna Coupler CU-372/SRT

18-AN/SRT-14—(Same as 4-AN/SRA-18)

19-AN/SRT-14—(Same as 6-AN/SRA-18)

20-AN/SRT-14—Replacement of Relay K1101 and K1306
Correction material: T- to NS 92121 (A)
2-A FA-2 NS
SERIAL: All
IDENTITY: The existence of stand-off post under relay K1101 in Radio Modulator MD-229/SRT, and of the angle bracket mount for relay K1306 in Radio Frequency Amplifier AM-1008/SRT.

21-AN/SRT-14 - Field Conversion to Power Supply PP-1095/SRT EMVPS to use Silicon Diodes
Correction material: Ch 2 to NS 92121(A)
1-A FA-2 NS0285-077-5000 To be supplied
SERIAL: All
IDENTITY: Check that silicon diodes CR-501 thru CR-504 have been installed.

22-AN/SRT-14 - Field Conversion to Power Supply PP-1094/SRT (LVPS) to use Silicon Diode
Correction material: NS 92121(A)
2-A FA-2 1/2 None
SERIAL: All
IDENTITY: Absence of electron tubes and selenium rectifier in the PP-1094/SRT(LVPS).

1-AN/SRT-14A – Same as 1-AN/SRT-14

2-AN/SRT-14A – Same as 2-AN/SRT-14

3-AN/SRT-14A – Not issued

4-AN/SRT-14A – Same as 4-AN/SRT-14

5-AN/SRT-14A – Same as 5-AN/SRT-14

6-AN/SRT-14A – Same as 6-AN/SRT-14

7-AN/SRT-14A – Same as 7-AN/SRT-14

8-AN/SRT-14A – Same as 8-AN/SRT-14

9-AN/SRT-14A – Same as 9-AN/SRT-14

10-AN/SRT-14A - Same as 10-AN/SRT-14

11-AN/SRT-14A - Same as 11-AN/SRT-14

12-AN/SRT-14A - Same as 12-AN/SRT-14

13-AN/SRT-14A—Same as 13-AN/SRT-14

14-AN/SRT-14A - Same as 15-AN/SRT-14

15-AN/SRT-14A – Same as 16-AN/SRT-14

16-AN/SRT-14A - Same as 17-AN/SRT-14

17-AN/SRT-14A—Same as 4-AN/SRA-18

18-AN/SRT-14A—Same as 6-AN/SRA-18

19-AN/SRT-14A - Same as 20-AN/SRT-14

20-AN/SRT-14A - Same as 21-AN/SRT-14

21-AN/SRT-14A - Same as 22-AN/SRT-14

1-AN/SRT-15 - Same as 1-AN/SRT-14

2-AN/SRT-15 - Same as 2-AN/SRT-14

3-AN/SRT-15 - CY-1573/SRT, protect 3 phase supply leads
Correction material: None
A FA-3 NS98839 F5820-695-4256
SERIAL: 6-304
IDENTITY: Rubber on corners of cover over 21401, 2 & 3

4-AN/SRT-15 - Same as 4-AN/SRT-14

5-AN/SRT-15 - Same as 5-AN/SRT-14 - except
SERIAL: 6-29

6-AN/SRT-15 - Same as 6-AN/SRT-14

7-AN/SRT-15 - Same as 7-AN/SRT-14

8-AN/SRT-15 - Same as 8-AN/SRT-14

9-AN/SRT-15 - Same as 9-AN/SRT-14

10-AN/SRT-15 - C-1352/SRT, apply decal on ind
Correction material: T-1 to NS 92121
A FA-½ NS98860 F5840-513-9903
SERIAL: All
IDENTITY: Decal added above ant. coupler loading sw. on cont ind unit WARNING: "Do not use above 2 MC".

11-AN/SRT-15 - Same as 10-AN/SRT-14

12-AN/SRT-15 - Same as 11-AN/SRT-14

13-AN/SRT-15 - Same as 12-AN/SRT-14

14-AN/SRT-15 - Field conversion of Power Supply PP-1096/SRT (HVPS) to use silicon diodes.
Correction material:
1-B FA-4 NS981249 F5820-799-7432
SERIAL: All
IDENTITY:

15-AN/SRT-15—Same as 13-AN/SRT-14

16-AN/SRT-15—Same as 14-AN/SRT-14

17-AN/SRT-15 - Installation of safety feature to prevent tuning while in 500 watt operation.
Correction material: to NS92121(A)
2-A FA-2 None
SERIAL: All
IDENTITY: Presence of a new relay installed between switch S-402 and capacitor C-402.

18-AN/SRT-15 - Same as 15-AN/SRT-14

19-AN/SRT-15 - Same as 16-AN/SRT-14

20-AN/SRT-15 - Same as 17-AN/SRT-14

21-AN/SRT-15—Same as 4-AN/SRA-18

22-AN/SRT-15—Same as 6-AN/SRA-18

23-AN/SRT-15 - Same as 20-AN/SRT-14

24-AN/SRT-15 - Same as 21-AN/SRT-14

25-AN/SRT-15 - Same as 22-AN/SRT-14

1-AN/SRT-15A - Same as 1-AN/SRT-14

2-AN/SRT-15A - Same as 2-AN/SRT-14

3-AN/SRT-15A - Same as 3-AN/SRT-15

4-AN/SRT-15A - Same as 4-AN/SRT-14
term C of S-1302A and ground on right side of AM-1008/SRT chassis

5-AN/SRT-15A - Same as 5-AN/SRT-14 - except
SERIAL: 6-29

6-AN/SRT-15A - Same as 6-AN/SRT-14

7-AN/SRT-15A - Same as 7-AN/SRT-14

8-AN/SRT-15A - Same as 8-AN/SRT-14

9-AN/SRT-15A - Same as 9-AN/SRT-14

10-AN/SRT-15A - Same as 10-AN/SRT-15

11-AN/SRT-15A - Same as 10-AN/SRT-14

12-AN/SRT-15A - Same as 11-AN/SRT-14

13-AN/SRT-15A - Same as 12-AN/SRT-14

14-AN/SRT-15A—Same as 13-AN/SRT-14

15-AN/SRT-15A – Same as 17-AN/SRT-15

16-AN/SRT-15A - Same as 15-AN/SRT-14

17-AN/SRT-15A – Same as 16-AN/SRT-14

18-AN/SRT-15A - Same as 17-AN/SRT-14

19-AN/SRT-15A–Same as 4-AN/SRA-18

20-AN/SRT-15A–Same as 6-AN/SRA-18

21-AN/SRT-15A - Same as 20-AN/SRT-14

22-AN/SRT-15A - Same as 14-AN/SRT-15

23-AN/SRT-15A - Same as 21-AN/SRT-14

24-AN/SRT-15A - Same as 22-AN/SRT-14

1-AN/SRT-16 - Same as 1-AN/SRT-14

2-AN/SRT-16 - Same as 2-AN/SRT-14

3-AN/SRT-16 - Same as 3-AN/SRT-15

4-AN/SRT-16 – Same as 4-AN/SRT-14

5-AN/SRT-16 – Same as 5-AN/SRT-14 – except SERIAL: 6-24

6-AN/SRT-16 – Same as 6-AN/SRT-14

7-AN/SRT-16 – Same as 7-AN/SRT-14

8-AN/SRT-16 – Same as 8-AN/SRT-14

9-AN/SRT-16 – Same as 9-AN/SRT-14

10-AN/SRT-16 – Same as 10-AN/SRT-15

11-AN/SRT-16 – Same as 10-AN/SRT-14

12-AN/SRT-16 – Same as 11-AN/SRT-14

13-AN/SRT-16 – Same as 12-AN/SRT-14

14-AN/SRT-16–Same as 14-AN/SRT-15

15-AN/SRT-16–Same as 13-AN/SRT-14

16-AN/SRT-16–Same as 14-AN/SRT-14

17-AN/SRT-16 – Same as 17-AN/SRT-15

18-AN/SRT-16 - Same as 15-AN/SRT-14

19-AN/SRT-16 – Same as 16-AN/SRT-14

20-AN/SRT-16 - Same as 17-AN/SRT-14

21-AN/SRT-16–Same as 4-AN/SRA-18

22-AN/SRT-16–Same as 6-AN/SRA-18

23-AN/SRT-16 - Same as 20-AN/SRT-14

24-AN/SRT-16 - Same as 21-AN/SRT-14

25-AN/SRT-16 - Same as 22-AN/SRT-14

1-AN/SRT-16A - Same as 1-AN/SRT-14

2-AN/SRT-16A - Same as 2-AN/SRT-14

3-AN/SRT-16A - Same as 3-AN/SRT-14

4-AN/SRT-16A - Same as 4-AN/SRT-14

5-AN/SRT-16A - Same as 5-AN/SRT-14 - except SERIAL: 6-24

6-AN/SRT-16A - Same as 6-AN/SRT-14

7-AN/SRT-16A - Same as 7-AN/SRT-14

8-AN/SRT-16A - Same as 8-AN/SRT-14

9-AN/SRT-16A - Same as 9-AN/SRT-14

10-AN/SRT-16A - Same as 11-AN/SRT-15

11-AN/SRT-16A - Same as 10-AN/SRT-14

12-AN/SRT-16A – Same as 11-AN/SRT-14

13-AN/SRT-16A - Same as 12-AN/SRT-14

14-AN/SRT-16A–Same as 13-AN/SRT-14

15-AN/SRT-16A – Same as 17-AN/SRT-15

16-AN/SRT-16A - Same as 15-AN/SRT-14

17-AN/SRT-16A – Same as 16-AN/SRT-14

18-AN/SRT-16A - Same as 17-AN/SRT-14

19-AN/SRT-16A–Same as 4-AN/SRA-18

20-AN/SRT-16A–Same as 6-AN/SRA-18

21-AN/SRT-16A - Same as 20-AN/SRT-14

22-AN/SRT-16A - Same as 14-AN/SRT-16

23-AN/SRT-16A - Same as 21-AN/SRT-14

24-AN/SRT-16A - Same as 22-AN/SRT-14

1-AN/SSQ-29(XN-2) - Modification to permit an NTDS Station to conduct the "A" Link POFA independently
Correction material: None
1-A FA-2 NS981754
SERIAL: All (5 equipments)
IDENTITY: Change number stamped on Field Change Accomplished plate.

2-AN/SSQ-29(XN-2) - Tone Suppression for Single Station POFA
Correction material: NS 94315
2-A FA-2 None
SERIAL: All
IDENTITY: Observation of S-4 on the 1A1A01 Panel.

3-AN/SSQ-29(XN-2) - Modification to Allow "Transit Start" after completion of Self Check at Control Panel 1A3A01
Correction material: NS 94718(A)
2-A FA-1 None
SERIAL: All
IDENTITY: Operating the equipment "Reset" and "Transmit Start" switches at control panel 1A3A01 and observing if equipment starts transmitting.

4-AN/SSQ-29(XN-2) - Data Terminal - Incorporation of System Modification Bulletin as a Unit Field Change
Correction material: Incorporated in revised publications
2-A None
SERIAL: A1 thru A8
IDENTITY: Change number stamped on the Field Change Accomplished plate.

5-AN/SSQ-29(XN-2) - Data Terminal - Modification of the SYNC MODE Switch
Correction material: NS 94315
2-A FA-1 None
SERIAL: All
IDENTITY: Observing that Wafer "A" of SYNC MODE Switch located on Control Panel of Unit 2 has been modified by the changes listed under procedures in this field change. To further insure that this modification has been accomplished perform the Electrical Test directed by this change.

6-AN/SSQ-29(XN-2) - Unit 1 Rack 3 wiring change
Correction material: to NS94315
2-A TA-1 NS (EIB) None
SERIAL: All (XN-2) equipment
IDENTITY: Noting that there is a wire connected between 1A3A04A8 Pin N and 1A3A03A2, Pin A.

1-AN/SSQ-29(U) - Same as 1-AN/SSQ-29(XN-2)

2-AN/SSQ-29(U) - Same as 3-AN/SSQ-29(XN-2) except CORRECTION MATERIAL: NAVSHIPS 94315

3-AN/SSQ-29(U) - Data Terminal Set; Incorporation of Equipment Modification Bulletins as a Unit Field Change
Correction material: None
2-A NA None
SERIAL: A1 thru A22
IDENTITY: Change number stamped on the Field Change Accomplished plate.

1-AN/SSW-1 - Relocation of Air Filters to outside Back of Cabinet
Correction material: None
1-A FA-2 NS0285-075-5500 F5820-868-9859
SERIAL: AEG-1 thru AEG-22 (AN/SSW-1A); ALL (AN/SSW-1)
IDENTITY: The presence of two air filters mounted on the outside rear of the cabinet.

1-AN/SSW-1A - Same as 1-AN/SSW-1

1-AN/SYA-3 (MOD 1) - Converter, Digital to Analog (IDAC-MK-9) - Incorporation of Factory Field Service Orders as a Unit Field Change
Correction material: None
2-A None
SERIAL: 1 and 2
IDENTITY: Change number stamped on the Field Change Accomplished plate.

1-AN/TXC-1B - Half-speed modif
A FA-12 None
SERIAL: All
IDENTITY: Equipment model changed to TT41/TXC-1B

1-AN/UCC-1C(V) - Installs Jumper Wire on S2 of Test Set, Telegraph
TS-2232/UCC/1C(V)
Correction material:
2-A FA-1 None
SERIAL: TS-2232/UCC-1C(V) serial numbers A003 thru A090
IDENTITY: The jumper wire connects terminal 2R10 of S2 to terminal 2R4 of S2. Switch S2 must be examined to determine whether this wire has been installed.

2-AN/UCC-1C(V) - Changes Resistors 1A3A1R14 and 1A3A1R15 on Control-Attenuator C-6554/UCC-1C(V)
Correction material: T to NS0967-046-9010
2-A FA-1 None
SERIAL: C-6554/UCC-1C(V) serial numbers A009 thru A587
IDENTITY: Refer to NAVSHIPS 0967-046-9010 Figure 5-3; R14 should be MIL type RWP20F2000F and R15 should be MIL type RWP20F1500F.

1-AN/UGA-3 - MM Exchanges HV Power Supply on Oscilloscope Circuit
Correction material: T-1 to NS 94318
1-A FA-50 NS0967-046-7030
SERIAL: All thru 30 except for 5, 20, 26, 27 and 28 which have been modified at factory.
IDENTITY: The new power supply (Millen 90902M) has six terminals which are wired directly to the oscilloscope and to the 115V power input. The bracket and octal socket mounting for the original supply (Millen 90902) will have been removed. See figure 5-24 in the Technical Manual NAVSHIPS 94316 for location.

1-AN/UGC-1A – Mod. of oscillator Power Supply Unit O-872/UGC-1A
Correction material: None
2-A FA-1 NS981573 None
SERIAL: A1 through A14
IDENTITY: When equipment is operating properly and all circuits conform to the diagrams and schematics shown in the applicable technical manuals.

2-AN/UGC-1A – Modification to Disable Alarm and Lockup Circuits
Correction material: NS94376 (A)
2-A FA-1 None
SERIAL: All Receiver Code Converters CV/1218/UGC-1A which are part of Terminal Telegraph AN/UGC-1A
IDENTITY: Operation should be normal when the Lockup-Traffic-Alarm Disable switch is in the Alarm Disable position except that in-frame and out-of-frame conditions will be apparent only by monitoring the circuits.

3-AN/UGC-1A - Provide 700 Unit Code Operation 6th Bit Delete Function, Maintain relationship of clock pulses crystal frequency.
Correction material: NS 94376(A)
1-A 10 NS0285-080-0800 F5805-910-4150
SERIAL: All
IDENTITY: New style frequency meter which has markings in both bands and words per minute and a modification label over this meter.

1-AN/UGC-5–Conversion of AN/UGC-5 to AN/UGC-6.
Correction material:
1-A FA-8 NS981281 F5815-857-1069
SERIAL: All
INDENTITY: Nameplate designates equipment as AN/UGC-6.

2-AN/UGC-5–Installation of 193936 (MK-764/UG) Modification Kit
Correction material: T- to NS 93534
1-A FA NS 981719 F5815-066-4354
SERIAL: LP6 and up
IDENTITY:

3-AN/UGC-5 - Incorporate a separable connector in the wiring to the Back-Space - Magnet L3400
Correction material: T-5 to NS93534
2-A FA-1 NS981733 None
SERIAL: All
IDENTITY: Inspection of the wiring between the perforator back-space magnet, L3400, and TB102 will disclose that a separable plug and receptacle have been installed in the wiring to the back-space magnet, L3400.

1-AN/UGC-5A–Same as 2-AN/UGC-5

2-AN/UGC-5A - Same as 3-AN/UGC-5

1-AN/UGC-5AX–Same as 2-AN/UGC-5

2-AN/UGC-5AX - Same as 3-AN/UGC-5

1-AN/UGC-5X–Same as 2-AN/UGC-5

2-AN/UGC-5X - Same as 3-AN/UGC-5

1-AN/UGC-6 - Provides for full duplex operation of equipment and eliminates line relays.
Correction material: Change 1 to NS93534
2-B FA-6 NS981500 None
SERIAL: All
IDENTITY: Four (4) signal lines will be coming into the equipment.

2-AN/UGC-6 –Installation of 194028 Mod. Kit (Converts equip. from 7.42 unit code to 7.00 unit code with synchronous pulsed transmission and 45.5, 50, 75 BAUD speeds)
Correction material: T-3 to NS93534
2-A FA-3 NS981560(A) F5815-981-3249
SERIAL:
IDENTITY:

3-AN/UGC-6 - Same as 2-AN/UGC-5

4-AN/UGC-6 - Same as 3-AN/UGC-5

5-AN/UGC-6- Modified, Teletypewriter Set, with Adapter - Incorporation of Factory Field Service Orders as a Unit Field Change
2-A FA None
SERIAL: 1 thru 20 modified Teletypewriter set with adaptor
IDENTITY: Change number stamped on Field Change Accomplished plate.

7-AN/UGC-6 - Elimination of Personnel Hazard
Correction material to NS93534
2-A FA-½ NS None
SERIAL: Teletypewriters which have the Front Panel Control panel for the auxiliary reperforator as shown on page 42 of Temp. Corr. T-2 to NAVSHIPS 93534.
IDENTITY: Presence of an Orange lead on terminal 4 and a Blue lead on terminal 5 of Switch 155023

8-AN/UGC-6 - Teletypewriter adapter clear RDUC function code
Correction material: T- to NS
2-A FS-1 NS None
SERIAL: All
IDENTITY: Checking electrical continuity between card jacks J12A-7 and J-40B-10

1-AN/UGC-6A –Same as 2-AN/UGC-6

2-AN/UGC-6A–Same as 2-AN/UGC-5

3-AN/UGC-6A - Same as 3-AN/UGC-5

5-AN/UGC-6A - Same as 7-AN/UGC-6

1-AN/UGC-6AX –Same as 2-AN/UGC-6

2-AN/UGC-6AX–Same as 2-AN/UGC-5

3-AN/UGC-6AX - Same as 3-AN/UGC-5

5-AN/UGC-6AX - Same as 7-AN/UGC-6

1-AN/UGC-6B - Same as 2-AN/UGC-6

2-AN/UGC-6B - Same as 2-AN/UGC-5

3-AN/UGC-6B - Same as 3-AN/UGC-5

5-AN/UGC-6B - Same as 7-AN/UGC-6

1-AN/UGC-6C –Same as 2-AN/UGC-6

2-AN/UGC-6C–Same as 2-AN/UGC-5

3-AN/UGC-6C - Same as 3-AN/UGC-5

5-AN/UGC-6C - Same as 7-AN/UGC-6

1-AN/UGC-6X–Same as 2-AN/UGC-5

2-AN/UGC-6X - Same as 2-AN/UGC-5

3-AN/UGC-6X - Same as 3-AN/UGC-5

5-AN/UGC-6X - Same as 7-AN/UGC-6

1-AN/UGC-7–Same as 2-AN/UGC-5

2-AN/UGC-7 - Same as 3-AN/UGC-5

1-AN/UGC-7X–Same as 2-AN/UGC-5

2-AN/UGC-7X - Same as 3-AN /UGC-5

1-AN/UGC-8 - Same as 2-AN/UGC-5

2-AN/UGC-8 - Same as 3-AN/UGC-5

1-AN/UGC-8X - Same as 2-AN/UGC-5

2-AN/UGC-8X - Same as 3-AN/UGC-5

1-AN/UGC-13 - Cancelled

2-AN/UGC-13 - Same as 8-AN/UGC-6

1-AN/UGC-15 - Same as 3-AN/UGC-5

2-AN/UGC-15 - Same as 2-AN/UGC-5

1-AN/UGC-15X–Same as 2-AN/UGC-8

2-AN/UGC-15X - Same as 2-AN/UGC-5

1-AN/UGC-16 - Installation of 199915 Mod. Kit (Converts equip. from 7.00 unit code to 7.42 unit code and 60, 75, and 100 WPM speeds)
Correction material: T-2 to NS93534
NS981562(A) F5815-073-9423
SERIAL: All
IDENTITY:

2-AN/UGC-16 - Same as 3-AN/UGC-5

3-AN/UGC-16 - Same as 2-AN/UGC-5

5-AN/UGC-16 - Same as 7-AN/UGC-6

1-AN/UGC-16A - Same as 1-AN/UGC-16

2-AN/UGC-16A - Same as 3-AN/UGC-5

3-AN/UGC-16A - Same as 2-AN/UGC-5

5-AN/UGC-16A - Same as 7-AN/UGC-6

1-AN/UGC-17 – Installation of 194267 Mod. Kit (Converts equip. to 7.42 unit code and 60, 75, and 100 WPM both transmitting and receiving)
Correction material: to NS93789
NS981570 None
SERIAL:
IDENTITY:

1-AN/UGC-18 – Same as 1-AN/UGC-16

2-AN/UGC-18 - Same as 3-AN/UGC-5

3-AN/UGC-18 - Same as 2-AN/UGC-5

1-AN/UPN-7 - thru 4-AN/UPN-15C

1-AN/UPN-7 - Provide uniformity of AN/UPN-7; Improve perfrm
Correction material: Change 1 to NS91602
3-A FA-24 NS98586 F5825-325-7492
SERIAL: 4-104
IDENTITY: Capacitor C146.01 mfd, connected between the positive 105 volt terminal of TB102 and ground of the I.F. strip.

2-AN/UPN-7 - Hi-V corona, eliminate
Correction material: Change 1 to NS91602
1-A FA-4 NS98587 F5825-325-7491
SERIAL: 4-124, 126-152, 154-166, 168, 170
IDENTITY: Separates lead connecting T-601-7 and plate cap of V-617 instead of original harness leads.

3-AN/UPN-7 - Random triggering, reduce
Correction material: Change 2 to NS91602
1-A FA-½ NS98631 F5825-311-3303
SERIAL: All
IDENTITY: Installs C-211, one end of which connects to R-204.

4-AN/UPN-7 - Install HV safety device
Correction material: None
2-A FA-4 NS98995 None
SERIAL: All
IDENTITY: Plexiglass "DANGER 4000 volts" sign above osc and xfmr terminals.

1-AN/UPN-12 - Addition of LORAN C Receiver to LORAN Receiving Sets (modified to AN/UPN-15),
Correction material: Correct maintenance standards for MSB NS92988.42A and CTM NS94378
2-A FA-5 NS981452 F5825-560-7213
SERIAL: All required to receive LORAN C signals
IDENTITY: Modification nameplate attached near the unit nameplate.

2-AN/UPN-12 - Addition of Ventilating Fan Protective Screen
Correction material: None required
2-A FA-2 None
SERIAL: All
IDENTITY: Presence of a protective screen mounted inside the power supply over the ventilating fan.

3-AN/UPN-12 - Protective Covers for High Voltage Terminals
Correction material: None Required
2-A FA- None
SERIAL: All
IDENTITY: Presence of a bakelite panel installed over the forward rear corner of terminal board TB202 in the Loran Indicator chassis. Portions of this field change have been provided on certain equipment by the manufacturer. All AN/UPN-12( ) equipments should be checked and where necessary, modified to incorporate the safety measure detailed herein.

4-AN/UPN-12 - Cancelled

5-AN/UPN-12 - Replacement of blower motor impeller and/or correction of blower motor rotation
Correction material: T-4 to 92988(0280-434-2006)
T-3 to 94247(0280-765-7001)
1-A FA-4 NS0285-078-0900 FSN F5825-919-9322
SERIAL: All
IDENTITY: Inspection of power supply blower should reveal that the hub impeller and the concane side of the impeller blades are facing the motor. With the chassis in the horizontal service position the air flow should be in an upward direction.

1-AN/UPN-12A - Same as 1-AN/UPN-12

2-AN/UPN-12A - Same as 2-AN/UPN-2

3-AN/UPN-12A - Same as 3-AN/UPN-12

4-AN/UPN-12A - Cancelled.

5-AN/UPN-12A - Same as 5-AN/UPN-12

1-AN/UPN-12B - Same as 1-AN/UPN-12

2-AN/UPN-12B - Same as 2-AN/UPN-12

3-AN/UPN-12B - Same as 3-AN/UPN-12

4-AN/UPN-12B - Cancelled.

5-AN/UPN-12B - Same as 5-AN/UPN-12

1-AN/UPN-12C - Same as 1-AN/UPN-12

2-AN/UPN-12C - Same as 2-AN/UPN-12

3-AN/UPN-12C - Same as 3-AN/UPN-12

4-AN/UPN-12C - Cancelled.

5-AN/UPN-12C - Same as 5-AN/UPN-12

1-AN/UPN-15 - Improve Power Supply Units
NS981799
SERIAL: All
IDENTITY:

2-AN/UPN-15 - Same as 2-AN/UPN-12

3-AN/UPN-15 - Same as 3-AN/UPN-12

4-AN/UPN-15 - Cancelled.

5-AN/UPN-15 - Same as 5-AN/UPN-12

1-AN/UPN-15A - Same as 1-AN/UPN-15

2-AN/UPN-15A - Same as 2-AN/UPN-12

3-AN/UPN-15A - Same as 3-AN/UPN-12

4-AN/UPN-15A - Cancelled.

5-AN/UPN-15A - Same as 5-AN/UPN-12

1-AN/UPN-15B - Same as 1-AN/UPN-15

2-AN/UPN-15B - Same as 2-AN/UPN-12

3-AN/UPN-15B - Same as 3-AN/UPN-12

4-AN/UPN-15B - Cancelled.

5-AN/UPN-15B - Same as 5-AN/UPN-12

1-AN/UPN-15C - Same as 1-AN/UPN-15

2-AN/UPN-15C - Same as 2-AN/UPN-12

3-AN/UPN-15C - Same as 3-AN/UPN-12

4-AN/UPN-15C - Cancelled.

5-AN/UPN-15C - Same as 5-AN/UPN-12

1-AN/URA-8A - Volt. reg tubes, improve opr
2-A FA-2 NS981081 None
SERIAL: All
IDENTITY: R-730 is changed from 33K to 10K (located on TB E-701)

*2-AN/URA-8A – Modif. circuits to increase TTY loop current when using AN/URA-8A, 8B.
Correction material: T-3 to NS91278
2-A FA-6 NS981187 None
SERIAL: All
IDENTITY:

1-AN/URA-8B - Same as 1-AN/URA/8A

*2-AN/URA-8B – Same as 2-AN/URA-8A except
Correction material: T-6 to NS91490

1-AN/URA-17 - Replacing CRT Shield
Correction material: T-2 to NS 94028
1-A FA-1 NS981511
SERIAL: A-1 thru A-10
IDENTITY:

2-AN/URA-17 – Replacement of Resistor R-71 in -48 Volt DC Power Supply
Correction material: T-2 to NS94028
2-A FA-½ NS981512 None
SERIAL: A1 through A155
IDENTITY: R-71 is a 2700 ohm resistor

3-AN/URA-17 – Replacement of R-20 and R-22
Correction material: T-2 to NS94028
2-A FA-½ NS981513 None
SERIAL: A1 through A245
IDENTITY: R-20 and R-22 are 2200 ohm resistors

4-AN/URA-17 - Replaces Wide-Shift Bandpass Filter FL-1 and Wide-Shift Discriminator Filter FL-3
Correction material: T-3 to NS 94028(0967-034-0911), T-2 to NS94028.42(0967-034-9031)
1-A FA-2 NS0967-034-9080 F5820-908-8343
SERIAL: All
IDENTITY: The new filters have the center frequency of 2000 cps stamped on top (see figure 5-1, 6-3, and 6-4 of NAVSHIPS 94028 for location). Modification plates also attached to the equipment front panels.

1-AN/URA-24 - Add of excessive VSWR and excessive pwr input overload protective circuitry
1-A FA-8 NS981145 None
SERIAL: All
IDENTITY: Supplementary chassis mounted between side plates on top of control-indicator chassis

1-AN/URA-25 - Same as 1-AN/URA-24

1-AN/URC-7 - Mike volt supply mod
FA-1 NS98564 F5820-325-7470
SERIAL: 407-1083
IDENTITY: New resistor, R-310, 56 ohms, is installed between J-303-C and R-307.

2-AN/URC-7 – Modif of 52 ohm output.
Correction material: T-2 to NS91931
2-B YF-12 NS981185 None
SERIAL: Only when used with multicoupler having 52 ohm input impedance.
IDENTITY: C103 replaced by fixed capacitor decade.

1-AN/URC-16 - Covers for audio receptacles, add
Correction material: None
A FA-¼ NS98757 None
SERIAL: All
IDENTITY: Appearance of two connector caps SNSN N17-C-945002-668, FSN N5935-549-1175 on each transmitter receiver RT-66/GRC, RT-67/GRC, RT-68/GRC and on each control box C-375/VRC.

2-AN/URC-16 - Metal-cal nameplates, apply
A FA-1/3 NS98689 F5820-348-4935
SERIAL: All
IDENTITY: Nameplate added to equip; "Type-serial nos"

1-AN/URC-16X - Same as 1-AN/URC-16

2-AN-URC-16X - Same as 2-AN-URC-16

1-AN/URC-16Y - Same as 1-AN/URC-16

2-AN/URC-16Y – Same as 2-AN/URC-16

1-AN/URC-17 - Same as 1-AN/URC-16

2-AN/URC-17 - Same as 2-AN/URC-16

1-AN/URC-17X - Same as 1-AN/URC-16

2-AN/URC-17X - Same as 2-AN/URC-16

1-AN/URC-17Y - Same as 1-AN/URC-16

2-AN/URC-17Y - Same as 2-AN/URC-16

1-AN/URC-18 - Same as 1-AN/URC-16

2-AN/URC-18 - Same as 2-AN/URC-16

1-AN/URC-18X - Same as 1-AN/URC-16

2-AN/URC-18X - Same as 2-AN/URC-16

1-AN/URC-18Y - Same as 1-AN/URC-16

2-AN/URC-18Y - Same as 2-AN/URC-16

1-AN/URC-32—See Field Change Bulletin
Correction material:
1-A FA-12 NS981265 F5820-799-8788
SERIAL: 1 thru 359
IDENTITY:

2-AN/URC-32—Replacement of fuse F-3 in high voltage power supply.
Correction material: None
2-A FA-½ NS981323 None
SERIAL: 1 thru 631
IDENTITY: Substitution of the 4½-inch 1-amp fuse F-3 with a 1½-inch amp sand packed fuse.

3-AN/URC-32—Modification of Junction Box J-1007/U
Correction material: T-1 to NS93285(A)
2-A FA- NS981324 None
SERIAL: 1 thru 629
IDENTITY:

4-AN/URC-32—Internal wiring correction.
Correction material: None
2-A FA-½ NS981325 None
SERIAL: Low voltage Power Supply PP-2154/U when used with a primary power input of 230VAC.
IDENTITY: Visual inspection of the wiring in Power Supply PP-2154/U.

5-AN/URC-32—Modification of Power Amplifier AM-2061/URT for grid-block keying to reduce failure of high voltage power supply fuse F-3.
Correction material:
2-A FA-3 NS981341 None
SERIAL: 1 thru 662 produced under NObsr 75279 and 81220.
IDENTITY: Addition of insulated wires connected to the contact terminals of relay K-2.

6-AN/URC-32 - Additional air supply valve for power amplifier.
Correction material: None
2-A FA-1/2 NS981384 None
SERIAL: 1 through 359
IDENTITY: Availability of two air valves on the air duct immediately behind the power amplifier unit, and the availability of two mating air access holes on the rear chassis plate of the power amplifier.

7-AN/URC-32 - CW/FSK Unit (CU-730/URC) modifications.
Correction material:
2-A FA-2 NS981474 None
SERIAL: 1 through approximately 690
IDENTITY: Presence of an addition in 198 diode in the teletype input line between terminal 1 of J-1 and R-11.

8-AN/URC-32 - Power amplifier keying modifications to reduce fuse (F3) failures.
Correction material: None
2-A FA-1 NS981475 None
SERIAL: AN/URC-32 1 through 821 and KWT-6(8) serials 1 through 79
IDENTITY: Addition of a 270K ohm resistor and a type 1N198 diode connected to relay K2 in Power Amplifier AM-2061/URT.

9-AN/URC-32 - Addition of ground wire in high voltage power supply for positive grounding of switch S-1
Correction material: T-3 to NS93285(A)
2-A FA-1/2 NS981476 None
SERIAL: 1 through 900
IDENTITY: Presence of a 10 inch bonding wire bolted to to the S1 subchassis and carried back and bolted to the back plate of the Power Supply PP-2153/U.

10-AN/URC-32 - Eliminate Troubles with CW Keying
Correction material: T-10 to NS93285 (A)
2-A FA-2 NS981584 None
SERIAL: 1 through 822
IDENTITY:

11-AN/URC-32 - Control and drive of AN/URC-32 from transmitter group AN/URA-3(XN-1).
Correction material: Supp. 2 to NS93285(A)
1-A FA-5 NS981487 None
SERIAL: Equipments using AN/WRA-5(XN-1) as the exciting unit
IDENTITY: The transmitter transfer control will be mounted on or near AN/URC-32. Modifications nameplate will be mounted on AN/URC-32.

11a-AN/URC-32 - Same as 5a-AN/WRT-2

12-AN/URC-32 - Replacement of Resistor R-22 in Power Amplifier AM-2061/URT
Correction material:
2-A FA-
SERIAL: All AN/URC-32's from Ser 661 up, and Ser 1 to 661 that have applied FC 5-AN/URC-32, AN/URC-32A Ser 1 through 20, All KWT-6(8)
IDENTITY:

13-AN/URC-32 – Modernization, Improved Operation, and Increased Operational Availability of Hand Set Adapter Unit and Low Voltage Power Supply
Correction material: None required
1-A FA-45 min. NS981638 F5820-953-9130
SERIAL: 1 through 981
IDENTITY:

14-AN/URC-32 – Modernization, Improved Operation, Increased Operational Availability of High Voltage Power Supply
Correction material: None required
1-A FA-45 min NS981639 F5820-953-9131
SERIAL: 1 through 664
IDENTITY:

15-AN/URC-32 – Addition of Wire Jumper
2-A FA-¼ None
Correction material: To NS93285
SERIAL: All when used w/CU737/URC Antenna Network 18(U-2) for the KWT-6(8) having a VSWR protective circuit addition
IDENTITY: Presence of a wire jumper between terminals TBK-15 and TBH-6 in J-1007/U or 153H-3.

16-AN/URC-32 – Power Amplifier Driver Stage Tube Oscillation
Correction material: None required
2-A FA-½ None
SERIAL: All
IDENTITY: When buss wires between pins 2 and 9 on tube sockets XV-1 and XV-2 have been removed.

17-AN/URC-32 - Modification of RF Amplifier AM-2061/URC
Correction material: has been incorporated in Supp 4 to NS93285(A)
1-B FA-8 NS 2F5820-926-0170
SERIAL: 1 thru 981
IDENTITY: Presence of two access holes for adjustment of screen voltage tap switch. Presence of a button plug covering access hole for adjustment of ALC circuit, on front panel.

18-AN/URC-32 - Modification of Junction Box (J1007) (153H-2) for 600 ohms output
2-A FA-1 NS
SERIAL: All

19-AN/URC-32–Modification of Keying Circuit
Correction material: T- to NS 93285, 93285 (A), and 93285 (B)
2-A FA-1 NS
SERIAL: AN/URC-32 (ser 822 and above), AN/URC-32A, -32B which do not have a jumper wire connected between TBJ-15 and TBH-14, KWT-6 (8) serial numbers 80 and above
IDENTITY: The jumper wire connected between TBJ-15 and TBH-14

20-AN/URC-32–Wiring Change To Receiver Overload Protective Device
Correction material: T- to NS 93285, 93285 (A), and 93285 (B)
2-A FA-1 NS
SERIAL: All
IDENTITY: The shorted BNC connector on relay K1

21-AN/URC-32 - Modification to the Radio Frequency Amplifier, AM-2061/URT, RF Input Receptacle, 2J1, and Plug 15W2P1
Correction material: NS 93285, 93285A, 93285B
2-A FA-1 None
SERIAL: All
IDENTITY: Installation of a TNC series connector. The TNC connector is a screw thread adaptation of the original BNC connector.

22-AN/URC-32 - Modification to Low Voltage Power Supply PP-2154/U Diode Rectifiers 10CR6 and 10CR7
2-A FA-1 None
SERIAL: All AN/URC-32 (1 thru 981)
IDENTITY: By determining that 10CR6 and 10CR7 are 1N3190 diodes.

1-AN/URC-32A –Same as 12-AN/URC-32

2-AN/URC-32A–Same as 16-AN/URC-32

3-AN/URC-32A - Same as 17-AN/URC-32 except
SERIAL: 1 thru 90

4-AN/URC-32A - Same as 18-AN/URC-32

5-AN/URC-32A–Same as 18-AN/URC-32

7-AN/URC-32A - Same as 21-AN/URC-32

8-AN/URC-32A - Same as 5a-AN/WRT-2

1-AN/URC-32B–Same as 18-AN/URC-32

2-AN/URC-32B–Same as 19-AN/URC-32

4-AN/URC-32B - Same as 21-AN/URC-32

5-AN/URC-32B - Same as 5a-AN/WRT-2

1-AN/URD-2 - R235 in rcvr R-256/URD-2, repl
Correction material: T-1 to NS 91198
A FA-1/2 NS98152 F5825-301-8893
SERIAL: 1-34
IDENTITY: R-235 (75K 2 watts) replaced by two resistors connected in parallel (each 150K 2 watt).

2-AN/URD-2 - R-256/URD-2, repl resistors
Correction material: T-2 to NS 91198
A FA-1/2 NS98210 F5825-301-9014
SERIAL: 1-79 less 68 & 76
IDENTITY: R-164, R-165 and R-166 are replaced by one resistor, R-164 (1,000 ohms 8 watt).

3-AN/URD-2 - R256/URD-2, modif dial drive mech
Correction material: None
A FA-2 NS98211 F5825-301-8991
SERIAL: 1-50
IDENTITY: New type stop is on dial drive; or evidence of twin leads to pins 4 and 6 of X-103 being unsoldered during field change.

4-AN/URD-2 - T-202/URD-2 grd jumper, add
Correction material: T-2 to NS 91198
A FA-3/4 NS98212 F5825-301-9034
SERIAL: 1-123
IDENTITY: A grounding lug is placed on copper clip on rear of capacitor C-301.

5-AN/URD-2 - Replacement of Resistors to Reduce the Requirements for Closely Matched Vacuum Tubes
Correction material: T-4 to 91198
2-A FA-2 NS981262 None
SERIAL: All
IDENTITY: Subsitution of 100-kw resistors for 50-kw resistors (R-191), (R-192), etc. in the deflection-modulation circuitry.

5-AN/URD-2A - Same as 5-AN/URD-2 except T-1 to 91521.

1-AN/URD-4 - R-353/URD-4, modif filtering
Correction material: None
A FA-1 NS98441 None
SERIAL: 1-30
IDENTITY: Jumper from pin 9 of TB601 to pins 2 of K-605

2-AN/URD-4 - Filtering modif
Correction material: None
A FA-1/4 NS98520 None
SERIAL: 31-50, 52, 54-56
IDENTITY: R-615 connected in parallel with L-607 (located on TB 601) indicates accomplishment

3-AN/URD-4 - Modif to improve equip
Correction material: T-5 to NS 91912(A)
A FA-3 NS98637 F5825-325-7507C
SERIAL: 1-253
IDENTITY: Remove monitor from receiver and C-453 between tie point near XV-407 and ground. Capacitor changed to 15 mmfd, 500 vdcw. In azimuth-indicator, R-1058 attached to pin 6 and 4 of XV-919 is changed to 91K, 2W.

4-AN/URD-4 - K-403, modif to protect
Correction material: T-4 to NS 91912(A)
2-A FA-2 NS98658 None
SERIAL: 1-409
IDENTITY:

5-AN/URD-4 - Hi volt circuit operation, modif
Correction material: Change 1 to NS 91912(A)
2-A FA-2 NS98932 None
SERIAL: 1-253
IDENTITY: Improved hi voltage transformer T903 installed from STK.

6-AN/URD-4 - Reduction of Internal Heat Generation in Azimuth Indicator and Power Supply Units
Correction material:
2-A FA-1 None
SERIAL: 1 through 615
IDENTITY: Substitution of rectifier tube types 5R4 and 6X4 with diode types 1N1238 and 1N2490 in the Azimuth Indicator and Power Supply Units.

7-AN/URD-4 - Installation of Nameplates (Converts to AN/URD-4B)
Correction material:
1-A FA-12 NS981279 F5820-448-6670
SERIAL: All ship equipment
IDENTITY:

1-AN/URD-4B-(To be supplied)

2-AN/URD-4B-(To be supplied)

3-AN/URD-4B-(To be supplied)

4-AN/URD-4B-(To be supplied)

5-AN/URD-4B-(To be supplied)

6-AN/URD-4B – Same as 6-AN/URD-4

1-AN/URN-3(XN-3) - Same as 13-AN/URN-3

1-AN/URN-3(XN-5) - Same as 13-AN/URN-3

1-AN/URN-3 – Opr and maint improvements
Correction material: T-3 to NS 92348
B YF-75 NS98690 F5821-501-1308
SERIAL: 18-400
IDENTITY:

2-AN/URN-3 – 1350 ops tone chassis, install
Correction material: T-12 to NS 92348
1-A FA-6 NS98830 F5840-695-9577

SERIAL:	203	266-270	322-30	376
	205	273-296	332	378
	207	298	334	380
	209-11	300	336	382
	213-15	302	338	384
	217-18	304	340-64	386-413
	240	306-312	366	416-471
	242	314	368	479-550
	244	316	370	564-571
	246	318	372	626-648
		320	374	

IDENTITY:

3-AN/URN-3 - Tone ident keyer assy, repl; hi-v protective ckt, add
Correction material: T-13 to NS 92348
1-A FA-8 NS98831 F5840-695-9578

SERIAL:	203	266-270	322-30	376
	205	273-396	332	378
	207	298	334	380
	209-11	300	336	382
	213-15	302	338	384
	217-18	304	340-64	386-413
	240	306-312	366	416-471
	242	314	368	479-550
	244	316	370	564-571
	246	318	372	626-648
		320	374	

IDENTITY:

4-AN/URN-3 – 1350 cycle tone circuit, modif
Correction material: T-15 to NS 92348
1-A FA-½ NS98893 F5840-543-0085
SERIAL: See bulletin
IDENTITY:

5-AN/URN-3 - To relocate electrically C1310 in the Amplifier-Modulator AM-847/URN-3 in order to eliminate the second high voltage transient which occurs every time S1111, the High Voltage "ON" switch, is turned on.
Correction material: Change 1 to NS92348(A)
2-A FA-1 NS98894 None
SERIAL: 1 through 651
IDENTITY: Rewiring of C1310.

6-AN/URN-3 - Ventilate & correct output for special test equip
Correction material: T-1 to NS 92348(A)
2-A FA-9 NS98950 None
SERIAL: All
IDENTITY: Part I - Cooling ducts in power supply
Part II - R-723 on TB-619 now 560 ohms, ±5%, ½w; R-724 on TB-619 now 120 ohms, ±5%, ½w.
Part III - R-453 between J-407 and TP-404 now 6.8k, ±5%, ½w; R-454 between J-407 & gnd strap of SV-405 now 2.7k, ±5%, ½w.
Part IV - Lead #26 goes to #310 on TB-1001.

7-AN/URN-3 - Cancelled

8-AN/URN-3 – Capacitor volt shields, install
Correction material: None
2-A FA-½ NS98958 None
SERIAL: See bulletin
IDENTITY: Shield over C-12 82 in amp. mod. am-847/URN-3.

9-AN/URN-3 - Repl. Keyer Motor B-602 coder-indicator.
Correction material: T-4 to NS92348(A)
YF-4 NS981177 F5825-682-2724
SERIAL:
IDENTITY:

10-AN/URN-3 – Update Kit for AN/URN-3 to AN/SRN-6 Performance (converts to AN/URN-3A)
Correction material:
1-B YF-40 NS981255 F5820-799-8589
SERIAL:
IDENTITY:

11-AN/URN-3 – Replacing Frequency Multiplier Oscillator CV-273/URN-3 With Frequency Multiplier-Oscillator CV-1064/URN-3
Correction material:
1-A FA-16 NS981285 F5820-474-2825

12-AN/URN-3–Installation of filter thermostat heater coil.
Correction material:
1-A FA-3 NS981331 F5825-893-3728
SERIAL: Bandpass filters: Z4001 (Low Band) and Z4002 (High Band) supplied with FC10-AN/URN-3 on NObsr 75769 and 81447 - Bandpass filters: Z4001, serials 2001 thru 2049; Z4002, serials 1001 thru 1049 supplied with FC10-AN/URN-3.
IDENTITY:

13-AN/URN-3 - Operational and maintenance improvements.
Correction material: T-7 to NS92348(A)
1-A FA-10 NS981412 None
SERIAL: AN/URN-3, -3(XN-3), -3(XN-5) - All serial Numbers - Part I - AN/URN-3 (All Serial Numbers) - Not applicable to AN/URN-3(XN-3) and AN/URN-3(XN-5) Serial Numbers 1 through 54
IDENTITY: Part I - Presence of small Keyer motor (603) mounted in horizontal plane in Coder-Indicator KY-101/URN-3 in lieu of large keyer motor (B-601) mounted in vertical plane. Part II – Presence of plate assembly CBTL D-2133927-1 mounted vertically on the left side of High Voltage Power Supply PP-956/URN-3, adjacent to V-1904 and V-1906.

14-AN/URN-3 - Uprate the AN/URN-3 to the AN/GRN-9 series and AN/SRN-6 series performance.
Correction material: Change 4 to NS92348(A)
1-B YF-64 NS981413 None
SERIAL: All
IDENTITY: The amplifier-modulator will have a new identification plate - AM1701A/URN.

15-AN/URN-3 – Modification to Deactivate the Identification Call Keyer When the Equipment is in Standby Status
Correction material:
2-A FA-2 None
SERIAL: All
IDENTITY: Placing the equipment in Standby Status and observing that the Identification Call Keyer Wheel does not rotate.

16-AN/URN-3 - Restoration of 2700 Cycle Oscillator
Correction material:
2-A None
SERIAL: All
IDENTITY: Installation of V-601 type 5751 tube

17-AN/URN-3 - Corrects Erratic Operation of S-607 Switch
Correction material: T-9 to NS 92348(A)
1-A YF-1 NS0285-081-0900
SERIAL: All
IDENTITY: The presence of backing plates adjacent to both the normally open contact leaf and normally closed contact leaf of S-607.

18-AN/URN-3 - TACAN Test Equipment Upgrade
Correction material: T- to NS
1-A FA-40 NS0967-052-6250
SERIAL: SG-121A, -121B/URN-3 (becomes SG-121C/URN-3); MX-1627/URN-3 (becomes MX-1627A/URN-3; SA-420/URN-3 (becomes SA-420A/URN-3); TS-890 ( )/URN-3 (becomes TS-890D/URN-3); OS-54/URN-3 (becomes OS-169/URN-3); TS-891/URN-3 (becomes TS-2102/URN-3).
IDENTITY: When nameplates have been affixed to units (1) thru (4) andunits (5) and (6) have been replaced with upgraded units.

1-AN/URN-3A – Same as 5-AN/GRN-9B except Serial: All shore equipment (70)

2-AN/URN-3A –Same as 15-AN/URN-3

3-AN/URN-3A – Repair of Spectrum Filters Z-4001 and Z-4002
Correction material:
1-A FA-6 NS981662 F5825-045-9662
SERIAL: All
IDENTITY:

4-AN/URN-3A - Same as 16-AN/URN-3

5-AN/URN-3A - Same as 17-AN/URN-3

6-AN/URN-3A - Installation of Temperature Sensitive Fuse in the Spectrum Filter Heater Circuit
Correction material: T-10 to NS0967-052-6210
1-A FA-3 0967-052-6200 2F5825-999-1245
SERIAL: All
IDENTITY: Presence of metal strap ends on terminals 3 and 4 of the heater wiring terminal block

7-AN/URN-3A - Improve Pressure Seals of TACAN Spectrum Filters Z-4001 and Z-4002
Correction material: NS 0967-052-6230 (92348A)
3-C NS0967-052-6220
SERIAL: All band pass filters S-4001 (Hi-band) and Z-4002 (Lo-band) used with AN/URN-3A
IDENTITY: The presence of 4 aluminum guide rod covers vice the original plastic covers, the replacement of the front panel heater assembly with an insulated aluminum panel cover.

1-AN/URR-13 - Parasitic suppr resistor, add
Correction material: T-1 to NS 91270
A FA-2 NS98342 F5820-302-0979
SERIAL: 1-1631
IDENTITY: A new resistor, R-126, 10 ohms, is inserted between pin 6 of V-106B and the top end of the primary of L-115.

2-AN/URR-13 - Cancelled

3-AN/URR-13 - Metal-cal nameplates, apply
Correction material: None
A FA-1/3 NS98527 F5820-568-7817
SERIAL: All
IDENTITY: Decal type nameplate added to right hand door of receiver, also, to front bottom inside cabinet.

4-AN/URR-13 - Protective covers to preselector, add
Correction material: T-4 to NS 91270
1-A FA-2½ NS98880 F5820-646-4763
SERIAL: All
IDENTITY: Covers on preselector

5A-AN/URR-13 - Improve ventilation
Correction material: T-5 to NS 91270
2-A FA-2 NS981153(A) None
SERIAL: All without FC#2
IDENTITY: Presence of Connector J-301 on blower motor leads.

6-AN/URR-13 - Noise Reduction
Correction material: T-7 NS91270, T-8 NS91535
T-6 NS91829
2-A FA-1 NS981690 None
SERIAL: When used in conjunction with Control Monitor Group AN/FRA-11
IDENTITY: Presence of a shielded lead between resistor R-236 and pin 7 of V-207.

1-AN/URR-13A - Same as 1-AN/URR-13 - except
Correction material: T-2 to NS 91535
SERIAL: 1-507

2-AN/URR-13A - Cancelled

3-AN/URR-13A - Same as 3-AN/URR-13

4-AN/URR-13A - Same as 4-AN/URR-13
Correction material: T-5 to NS 91535

5 - AN/URR-13A - Same as 5-AN/URR-13
Correction material: T-6 to NS 91535

6-AN/URR-13A - Same as 6-AN/URR-13 except correction material: NS91535

1-AN/URR-13B - Same as 1-AN/URR-13 - except
SERIAL: 1-600

2-AN/URR-13B - Cancelled

3-AN/URR-13B - Same as 3-AN/URR-13
Correction material: None

4-AN/URR-13B - Same as 4-AN/URR-13 - except
Correction material: T-2 to NS 91829

5-AN/URR-13B - Same as 5-AN/URR-13 - except
Correction material: T-3 to NS 91829

6-AN/URR-13B - Same as 6-AN/URR-13 except correction material: NS91829

1-AN/URR-22-Provide filter capacitors with insulated covering.
Correction material:
2-A FA-½ NS981321 None
SERIAL: All
IDENTITY: Presence of insulating plastic coating on capacitors C-166 and C-167.

1-AN/URR-27 - Cancelled

2-AN/URR-27 - Metal-cal nameplates, apply
Correction material: None
A FA-1/3 NS98527 F5820-568-7817
SERIAL: All
IDENTITY: Decal type nameplate added to right-hand door of receiver. Also, to front bottom inside cabinet.

3-AN/URR-27 - Protective covers to preselector, add
Correction material: T-2 to NS 91771
1-A FA-2½ NS98880 F5820-646-4763
SERIAL: All
IDENTITY: Covers on preselector

4A - AN/URR-27 - Improve ventilation
Correction material: T-3 to NS 91771
2-A FA-2 NS981153(A) None
SERIAL: All without FC#1
IDENTITY: Presence of Connector J-301 on blower motor leads

1-AN/URR-28(XN-1) - Modifications of ventilating blower assembly
Correction material:
FA-4 NS98555 F5820-665-3554
SERIAL: All (1-10)
IDENTITY:

2-AN/URR-28 (XN-1) - Same as 2-AN/URR-27

3-AN/URR-28 (XN-1) - R250 & R251, interchange
Correction material: See NS 98758
2-A FA-½ NS98758 None
SERIAL: All
IDENTITY: R-250 will be 1 meg and R-251 will be 1.5 meg if accomplished.

1- AN/URR-35 - Cancelled

2-AN/URR-35 - Same as 2-AN/URR-27

3-AN/URR-35 - Same as 3-AN/URR-28 (XN-1)

4-AN/URR-35 - Same as 3-AN/URR-27
Correction material: T-4 to NS 91906

5 - AN/URR-35 - Same as 4 - AN/URR-27
Correction material: T-6 to NS 91906

6-AN/URR-35 – Reduction of Noise in Silencer stage
Correction material: T-8 NS91906, T-8 92022
2-A FA-1 NS981691 None
SERIAL: All
IDENTITY: Presence of a shielded lead connected between resister R-246 and switch S-501 and a similar shielded lead between switch S-501 and potentiometer R-247.

1-AN/URR-35A - Cancelled

2-AN/URR-35A - Same as 2-AN/URR-27
3-AN/URR-35A - Same as 3-AN/URR-28 (XN-1')

4-AN/URR-35A - Same as 3-AN/URR-27
Correction material: T-4 to NS 92022

5 - AN/URR-35A - Same as 4 - AN/URR-27
Correction material: T-6 to NS 92022

6-AN/URR-35A – Same as 6-AN/URR-35 except correction material: NS92022

1-AN/URR-35B - Same as 3-AN/URR-28 (XN-1)- except
SERIAL: 1-792

2-AN/URR-35B - Same as 3-AN/URR-27

3-AN/URR-35B – Same as 6-AN/URR-35

1-AN/URR-44–Same as 1-AN/URR-22.

1-AN/URT-2 through **8-AN/URT-2** - Cancelled

9-AN/URT-2 - Ant tuner, repl
B YF-60 NS98618 F5820-325-6345
SERIAL: All
IDENTITY: AN/SRA-18 antenna tuning group

10-AN/URT-2 - Prod chg, add
Correction material: None
B YF-18 NS98657 F5820-569-3490
SERIAL: All w/o "M"
IDENTITY: Metal-cal nameplate near original nameplate of each component unit

11-AN/URT-2 - Prod chg, improve
Correction material: Change 1 to NS 91833(A)
1-B FA-19 NS98875 F5820-543-0153
SERIAL: All
IDENTITY: Changes nomenclature to AN/URT-2A, AN/URT-3A, and AN/URT-4A

1-AN/URT-3 through **9-AN/URT-3** - Cancelled

10-AN/URT-3 - Same as 9-AN/URT-2

11-AN/URT-3 – Same as 10-AN/URT-2 – except
Correction material: None

12-AN/URT-3 - Same as 11-AN/URT-2

1-AN/URT-4 through **9-AN/URT-4** - Cancelled

10-AN/URT-4 - Same as 9-AN/URT-2

11-AN/URT-4 - Same as 10-AN/URT-2

12-AN/URT-4 - Same as 11-AN/URT-2

1-AN/URT-7 - Thermal protective sw, ant. relay and hi-v transient suppr, add
Correction material: See NS 98630
A YF-4 NS98630 F5820-346-4680
SERIAL: All
IDENTITY: Two connectors in the blower motor to filter power cable (in the blower motor compartment) and terminal relay in the transmitter adjacent to the selenium rectifiers.
NOTE: Identical components are used in modifying all the ted andAN/URT-7 equipments but the reference designation for certain parts is different for TED-5 and AN/URT-7, and is denoted by an asterisk (*) throughout the field change.

2-AN/URT-7 - Metal-cal nameplates, add
A FA-1/3 NS98815 F5820-505-2500
SERIAL: All
IDENTITY: Appearance of nameplate on capacitors C-410 & C-412 for AN/URT-7 series & appearance of nameplate on capacitors C-139 & C-187 for TED series and appearance of nameplate on right hand access door on both equipment series.

***3-AN/URT-7** – Improvement of operation.
Correction material: Change 4 to NS91684
1-B FA-4 NS981164 F4140-691-2207
SERIAL: All
IDENTITY: Presence of aluminum retaining plate on high-voltage plate caps.

4-AN/URT-7–Application of warning and caution instruction plates.
Correction material: None
2-A FA-½ NS981423 None
SERIAL: All
IDENTITY:

5-AN/URT-7–Improvement of operation
Correction material:
1-B FA-4 NS981339 F5820-893-262
SERIAL: All
IDENTITY:

6-AN/URT-7 – Replace Blower B-101 (*B601)
Correction material: Change 3 to NS91684
1-A YF-4 NS981706
SERIAL: All
IDENTITY: Can be determined by checking that Blower B-101 (*B601) has been installed.

1-AN/URT-7A - Same as 1-AN/URT-7

2-AN/URT-7A - Same as 2-AN/URT-7

***3-AN/URT-7A** –Same as 3-AN/URT-7

4-AN/URT-7A–Same as 4-AN/URT-7

5-AN/URT-7A–Same as 5-AN/URT-7

6-AN/URT-7A – Same as 6-AN/URT-7

1-AN/URT-7B - Same as 1-AN/URT-7

2-AN/URT-7B - Same as 2-AN/URT-7

***3-AN/URT-7B** –Same as 3-AN/URT-7

4-AN/URT-7B–Same as 4-AN/URT-7

5-AN/URT-7B–Same as 5-AN/URT-7

6-AN/URT-7B – Same as 6-AN/URT-7

***1-AN/URT-7C** – Same as 3-AN/URT-7 except
Correction material: Change 2 to NS92832

2-AN/URT-7C – Same as 6-AN/URT-7 except correction material: Change 1 to NS92832

1-AN/URT-18–Same as 4-AN/URC-32

2-AN/URT-18 - Protective screen for the air duct exhaust.
Correction material: None
2-A FA-2 NS981382 None
SERIAL: Where the air exhaust duct on top of the linear power amplifier is normally left open and the air is exhaust directly into the room.
IDENTITY: Presence of a protective screen installed over the exhaust duct of the linear power amplifier of the AN/URT-18.

3-AN/URT-18 - Modification of keying circuit.
Correction material: T1 to NS93541
2-A FA-1/2 NS981383 None
SERIAL: Only to equipments whose antenna systems do not provide a DC ground for the keying circuit.
IDENTITY: The presence of a ground lead, added by this field change, on terminal 4 of the DR-TUNE-PA TUNE-OPERATE switch (S9).

4-AN/URT-18 - Same as 10-AN/URC-32 except
Correction material: T-2 to NS93541
SERIAL: 1 through 1761

5-AN/URT-18 –Same as 7-AN/URC-32

1-AN/UXC-2 - Thermostat S1002 mtg bkt, repl
Correction material: None
A FA-½ NS98590 F5805-325-7494
SERIAL: 1-65
IDENTITY: To replace thermostat mounting bracket with an improved type

2-AN/UXC-2 - Exhaust blower B3001, install
Correction material: Change 1 to NS 92153
A FA-4 NS98622 F5805-311-3300
SERIAL: 1-25
IDENTITY: Presence of B3001

3-AN/UXC-2 – Inductor L1001, repl
Correction material: None
A FA-½ NS98653 F6625-642-6059
SERIAL: 1-25
IDENTITY: Presence of radio frequency coil L-1001
SNSN N16-C-76763-1239

1-AN/UXH-2 – Modification of Wiring
Correction material:
2-A FA-1½ NS981328 None
SERIAL: 1 through 118
IDENTITY: Changes in connections at pins 2 and 7 of XC-219 and the addition of a jumper lead from pin 4 of XV-206 and pin 7 of XC-219

2-AN/UXH-2–Reducing Radiation of AN/UXH-2 Equipment (Modifies Equipment To AN/UXH-2A)
Correction material: Sup. 1 to NS 93158 (A)-1
1-A FA NS 981765 F5815-226-5716
SERIAL: Serials 119 and up
IDENTITY: Equipment becomes AN/UXH-2A.

1-AN/VRC-2 – Freq mg chg: makes AN/VRC-26 ( )
Correction material: T-1 to TM11-607
2-A FA-8 NS98617 F5820-325-7500
SERIAL: All @ NAS
IDENTITY: Freq range changed

1-AN/VRC-2X – Same as 1-AN/VRC-2

1-AN/VRC-32 – Installation of Power Rheostat in the AN/VRC-32 Transceivers
Correction material:
2-A FA-1 None
SERIAL: All
IDENTITY: Power rheostat installed immediately in front of vibrator located in the AN/VRC-32 power supply.

1-AN/VRC-33 – Modification of Squelch Circuit
Correction material: T-1 to NS92922 (A)
2-B FA-1 NS981678 None
SERIAL: All
IDENTITY: Installation of a 1-meg resistor connected in series with a neon glow lamp and resistor R-44 to pin 1 of V-12 in the receiver.

1-AN/VRC-33A – Same as 1-AN/VRC-33

1-AN/VRC-37 - Provide for Ignition Switch Power Control
Correction material: T- to NS 93302
2-A FA- NS
SERIAL: All
IDENTITY: An insulated wire connected between terminal 52 of J402 in Radio Set Control C-2405/URC and accessories terminal of vehicle ignition switch; AN/VRC-42. An insulated wire connected between terminal 4 of TS-401 mobile control box 624-4 and accessories terminal vehicle ignition switch; and AN/VRC-51. Presence of an external relay installed as shown in figure Fs-2 of NAVSHIPS 94121.

1-AN/VRC-42 - Same as 1-AN/VRC-37 except Correction material T- to 93557

1-AN/VRC-51 – Removing Stray Capacitive Coupling Between Plate Lead of V-12 and Grid Lead of V-10A
Correction material: to NS94121
2-A FA-1
SERIAL: All
IDENTITY: Check to see if resistor R-33 has been relocated and if the grid lead from R-33 to pin 2 of V-10A has been re-routed.

2-AN/VRC-51 - Same as 1-AN/VRC-37 except Correction material T- to 94121

1-AN/VRC-51X – Same as 1-AN/VRC-51

1-AN/VRC-60 - Addition of Pin Jacks to Front Panel
Correction material: NS 94966
2-A FA-0.5 14 S None
SERIAL: All
IDENTITY: Presence of two pin jacks on the front panel of the receiver/control unit, R-1240/VRC-60.

1-AN/VRQ-3 - Type BCN conn, repl w/type N
2-A FA-2 NS98573
SERIAL: All permanently installed on ACG, AKA, APA, APD, LCU, LSIL, LSFF, LSSL, LSMR, LST & LSV ships
IDENTITY: BNC type connector changed to N type connector

1-AN/WLA-3 - Installation of Filter-Detector Assemblies
Correction material: T- to NS0967-034-3000
2-A FA- NS None
SERIAL: All
IDENTITY:

1-AN/WRA-1 – Adding B+ Line Fuse to Receiver-Transmitter and Addition of Tuning Meter to Transmission Line Coupler
Correction material:
2-A FA-4 None
SERIAL: All AN/WRA-1/TBL Field Change Kits manufactured by Naval Repair Facility, San Diego, California
IDENTITY: Fuse located within the receiver-transmitter and a meter installed on the transmission line coupler.

1-AN/WRA-3(XN-1) – Same as 11-AN/URC-32

2-AN/WRA-3(XN-1) – Same as 5-AN/WRT-2

1-AN/WRC-1–(Initial Production Units)-Production Wiring Change
Correction material: T- to NS 94840 (A)
2-A FA-4 NS None
SERIAL: All equipments procured under NObsr 87614
IDENTITY: Proper recording of the field change number on Field Change Record Plate

2-AN/WRC-1 - Installation of Fiberglass Shield Assembly
Correction material: None
2-A FA-4 None
SERIAL: AM-3007/URT and all equipments produced under contracts NObsr-87614 and 89368
IDENTITY: Fiber-glass cover extending over C14 and C18.

3-AN/WRC-1 - Increase Reliability of AF Amplifier Output Circuit
Correction material: NS 94841(A)
2-A FA-1 None
SERIAL: A and B series serial numbers produced under NObsr 87614 and 89368
IDENTITY: Observing that R37 has been changed to 100 ohms and R29 is shunted by a .01 mfd capacitor on the A2 boards of the lower and upper sideband IF/AF Amplifier Electronic Assemblies (1A2A2).

1-AN/WRR-2 - Provide Tuning Capability Similar to AN/WRR-2A, AN/FRR-59A
Correction material: T- to NS
1-A NS0967-078-5060 F5820-940-8784
SERIAL:
IDENTITY:

1-AN/WRR-3 - Improved RF Oscillator Stabilization
Correction material: NS 94543
2-A FA-2 None
SERIAL: B-1 thru B-4, B-6 thru B-14 and B384
IDENTITY: Checking the value of resistor R403. Resistance should be 1200 ohms.

1-AN/WRT-1 – Relocation of Resistors R-737 and R-738
Correction material: T-1 to 93483 (A)
2-B FA-4 NS981314 None
SERIAL: 1 through 137
IDENTITY:

2-AN/WRT-1 – Modification of Wiring
Correction material: T-2 to 93483 (A)
2-A FA-½ NS981315 None
SERIAL: 1 through 100 and 102
IDENTITY:

3-AN/WRT-1 – Replacing Rubber Grommets with Teflon
Correction material: None
1-A FA-4 NS981319 F5820-893-1136
SERIAL: 1 through 107, 111, 112, and 115
IDENTITY:

4-AN/WRT-1–Disable PA screen voltage keying.
Correction material: T-3 to NS93483(A)
2-A FA-½ NS981337 None
SERIAL: 1 thru 144
IDENTITY: Buss wire jumper installed between TB-801-1 and TB-801-2.

5-AN/WRT-1 – Oven insulation and bandswitch replacement.
Correction material: NS93483.42
1-A FA-45 None
SERIAL: 1 through 155
IDENTITY: Any neoprene coated fiberglass insulation material replaced with clean uncoated fiberglass. This uncoated fiberglass can be detected by the uniform canary yellow color of both sides of the fiberglass as opposed to neoprene coated fiberglass which has one surface of light tan, burnt brownish or black color. The neoprene coating also feels still to the touch.

6-AN/WRT-1 - Improve lock-in performance at exact 100 KC points.
Correction material: T-4 to NS93483(A)
1-A FA-1-1/2 NS981468 F5820-064-5768
SERIAL: 142 through 307
IDENTITY: R720 and R721 in the frequency comparator subchassis of the Electrical Frequency Control C-2861/WRT-1 will be changed from 220 ohm 1/2 watt to 2.2K 1/2 watt. Resistors R605 and R606 will be changed from 200 ohm 1/2 watt to 820 ohm 1/2 watt. Diode mounting board, E665, with four type 1N457 diodes, CR627, CR628, CR629, and CR630, mounted on it will be located just above terminal board TB602A in the comparator subchassis.

7-AN/WRT-1 – Eliminating Key-Up Radiation
Correction material: FA-1
SERIAL: All
IDENTITY:

8-AN/WRT-1 - Replacement of Diodes with Preferred Type Diodes
Correction material: T- to NS 93483(A)
2-A FA-16 NS
SERIAL: All
IDENTITY: Evidence that this field change has been accomplished is proper recording of the appropriate field change number on Field Change Record Plate

9-AN/WRT-1–Replacing Defective Ledex Switch Actuator Symbol B3303
Correction material: None None
1-A FA-4 NS 0285-027-2000
SERIAL: Radio Frequency Tuners TN-345/WRT-1 Ser A1, A3, A4, A8, A10, thru A16, A21, A22, A24, and A26 (15 units)
IDENTITY: Tuners in which the deficiency has been stamped on the exterior of the drive end casting adjacent to pressure gauge M3301

10-AN/WRT-1 - Tone Generator – (After completion of field change, nomenclature becomes Radio Transmitting Set AN/WRT-1A)
Correction material: None required
1-A FA-6 NS0967-050-5110 F5820-918-1602
SERIAL: All
IDENTITY: Those equipments which have this field change installed have a five-position EMISSION SELECTOR Switch nameplate on the front panel of Amplifier-Power Supply AM-2198A/WRT-1.

1-AN/WRT-2 – Modification of Printed Circuit Boards E-1301 and E-1303
Correction material: T-1 to NS93319A
2-A FA-3 (NS981280) None
SERIAL: 1 through 234
IDENTITY:

2-AN/WRT-2 – Removal of Diodes CR-1342 and CR-1343
Correction material: T-2 to 93319(A)
2-B FA-½ NS981317 None
SERIAL: 1 through 355
IDENTITY:

3-AN/WRT-2 – Replacing Rubber Grommets with Teflon
Correction material: None
1-A FA-4 NS981318 F5820-893-1135
SERIAL: 1 through 289
IDENTITY:

4-AN/WRT-2 - Oven insulation and bandswitch replacement.
Correction material: NS93483.42
1-A FA-40
SERIAL: 1 thru 417. RFO Insulation F5820-856-3451
RFO Bandswitch: F5820-856-3450
EFC Insulation: F5820-856-3449
EFC Bandswitch: F5820-856-3448
IDENTITY: Any neoprene coated fiberglass insulation material replaced with clean uncoated fiberglass. This uncoated fiberglass can be detected by the uniform canary yellow color of both sides of the fiberglass as opposed to neoprene coated fiberglass which has one surface of light tan, burnt brownish or black color. The neoprene coating also feels still to the touch.

5-AN/WRT-2 – Control and Drive of Radio Transmitting Set AN/WRT-2 From Transmitter Group AN/WRA-3 (XN-1)
Correction material: Supp. 1 to NS93319(A)
1-A FA-16 NS981514
SERIAL: Equipments authorized which use AN/WRA-3 (XN-1) as the exciting unit.
IDENTITY: Transmitter-Transfer Control C-4359(XN-1)/WRT-2 mounted near Radio Transmitting Set AN/WRT-2.

5A-AN/WRT-2 - Control and Drive of Radio Transmitting Set from Transmitter Group AN/WRA-3(XN-1)
Correction material: Supplement 5 to NS 93285(A), Supplement 2 to NS 93319(A)
1-A FA-21 NS0285-081-0300 FSN5820-884-2120
SERIAL: Only those equipments using the AN/WRA-3(XN-1) for external excitation
IDENTITY: Transmitter-Transfer Control mounted on or near Radio Transmitting AN/WRT-2 or Radio Set AN/URC-32.

6-AN/WRT-2 – Information Relative to this change is included in Secret Manual NS94546

7-AN/WRT-2 – Replacement of Thermostatic Switches S-305 and S-602
Correction material: T-4 to NS93319(A)
1-A FA-4 NS981685 F5820-056-7148
SERIAL: All equipments now installed and intended for installation in nuclear-powered submarines.
IDENTITY: The new thermostatic switches are contained in 4-sided aluminum capsules which are ½" x ½" x 9". The capsules are mounted in the same general area of the equipment as the initially installed thermostatic switches.

8-AN/WRT-2–Same as 8-AN/WRT-1, except Correction Material: T- to NS93319(A)

9-AN/WRT-2 - Replace Defective Ledex Switch Actuator, Symbol B3303
Correction material: None
1-A FA-6 NS0285-077-3000 F5820-788-8421
SERIAL: Radio Frequency Tuners TN-342/WRT-2 Ser C1, A2(C2)*, A3(C3)*, C4(C6)*, C7 through C13, A15(C15)*, A16(C16)*, C17 through C20, C22, and C26 (20 unit)
IDENTITY: Tuners in which the deficiency has been corrected will be marked with a letter "R" stamped on the exterior of the drive and casting adjacent to pressure gauge M3301.

10-AN/WRT-2 - Relocation of Phase Splitter Capacitor C862, for Tuner Blower Motor
Correction material: NS 93319(A)
2-A FA-4 None
SERIAL: All
IDENTITY: Absence of the Blower Motor Capacitor formerly mounted on the right rear lower corner – to the immediate right of Relay K804 – of the Radio Frequency Amplifier chassis.

11-AN/WRT-2 - Replace RG-58/U Neutralizing Cable with RG-141A/U
Correction material: T-5 to NS 93319(A) – 0280-515-7011
1-A FA-1 NS0285-079-0200 F5820-909-3901
SERIAL: 1 thru 702, b1 thru B151, C1 thru C20
IDENTITY: Presence of RG-141A/U cable between C909 and C882 in Radio Frequency Amplifier drawer. The RG-141A/U can be identified by its light color and rough to the touch fiber glass jacket. The RG-58/U is dark in color and has a smooth finish.

12-AN/WRT-2 - Replacement of 90 Phase Shift Network FL-603
Correction material: T- to NS
1-A FA- NS
SERIAL: 1 thru 60
IDENTITY: New network FL-603 is marked with Westinghouse Drawing #376A439H01

1-AN/WRT-4–Elimination of Voltage Inconsistency
Correction material: T- to NS 93483A
2-A FA-1 NS
SERIAL: All equipments produced prior to Contract NObsr 89471 (FBM)
IDENTITY: When value of resistor R15 has been changed from 150K ohms, ±10 percent, to 14K ohms, ±1 percent. A reading of 7.5 ± 0.25 volts may be expected on the filament valtmeter with a voltage of 7.5 volts at the tube socket.

***1-AS-390/SRC** – Repl. RG-81/U feedline.
Correction material: None
1-A FA-1 NS981176 F5985-724-8126
SERIAL: All
IDENTITY: Presence of new coaxial feedline.

1-AS-468B/B - Substitution of an Improved or Modified "Spark Plug"
Correction material: None
2-A FA-¼ None
SERIAL: See field change
IDENTITY: Visually checking to see that the spark plug installed is the new improved type described herein.

1-AS-493/U - Pressure proofing
Correction material: T-1 to NS 91569
A FA-2 NS98325 F5895-346-4652
SERIAL: 1-30
IDENTITY: Pressure proof lines

1-AS-535/B - Spacers 0-301 and 0-302 replaced
Correction material: None
A FA-2 NS98584 F5985-324-2068
SERIAL: 1-64
IDENTITY:

***1-AT-150/SRC** – Repl. coaxial feedline E104.
Correction material: None
1-A FA-¾ NS981175 F5985-724-8125
SERIAL: All
IDENTITY: Presence of new coaxial feedline.

1-AT-592/URN-3 – Adjustable Mount for Monitor Test Antenna
Correction material: Not required
2-A FA-8 None
SERIAL: All used in conjunction with MX-1627/URN-3
IDENTITY: Installation of an adjustable antenna mount which provides vertical and horizontal adjustments.

1-BC-348-J - Fuse & filament warm-up modif
SERIAL: NRTC units
IDENTITY: 1 amp 4AG fuse located in AC power supply pack.

2-BC-348-J - BFO cont modif
SERIAL: NRTC units
IDENTITY:

1-BC-348-R - Same as 1-BC-348-J

2-BC-348-R - Same as 2-BC-348-J

1-C-USQ-20(V) - Format Control Unit - Incorporation of Factory Field Service Orders and a Unit Field Change
Correction material: Incorporated in the revised publications
2-A NA None
SERIAL: 1 and 2
IDENTITY: Change number stamped on the Field Change Accomplished plate.

1-C-1004A/SG - Box assy, repl
Correction material: T-1 to NS 92279
1-A FA-1 NS98931 F5815-571-2631
SERIAL: All
IDENTITY: Box assembly with dimension of 4 x 4 13/16 x 7½ inches

1-C-1138/UR - Audio feedback, eliminate
Correction material: T-3 to NS 92243
A FA-1 NS98927 None
SERIAL: All
IDENTITY: Replace R-104 with R-105 and appearance of K-102 on left-hand side of metal triangular end piece.

1-C-1180/GRC-27 - Shock & vibration protection, improve
Correction material: None
A FA-3½ NS98516 None
SERIAL: BUSHIPS 1-115
IDENTITY: In radio set control unit, the left and right side end panels are each secured to the subchassis with 6-32 brass screws. These are replaced with 6-32 steel screws.

2-C-1180/GRC-27 - Isolation relay, add
Correction material: T-1 to NS 92175
A FA-1 NS98535 F5820-642-6987C
SERIAL: All w/AN/GRC-27 AN/SIC-1 & TED'S
IDENTITY: Presence of nameplate indicating change just below front panel nameplate

3-C-1180/GRC-27 - Stop-start relay, repl
Correction material: Change 1 to NS 92175
A FA-2 NS98836 F5820-695-9021
SERIAL: 1-115
IDENTITY: K-105, R-148 and I-101. I-101 should have a rating of 120 volts, 6 watts.

1-C-1207/UR - Audio feedback, eliminate
Correction material: T-1 to NS 92198
A FA-1 NS98855 None
SERIAL: All
IDENTITY: Swing front panel forward and observe if muting relay K-102 is installed on handset housing. Speaker muting control, R-104, is replaced by R-105, 25K, 2W variable resistor

1-C-3413/USQ-29(V) - Computer Set Console - Incorporation of Factory Service Orders as a Unit Field Change
Correction material: None
2-A NA None
SERIAL: 1 thru 9
IDENTIFY: Change number stamped on the Field Change Accomplished plate.

1-C-3674/USQ-20(V) - Control Introducer, Computer Set (System Monitor Panel) - Incorporation of Factory Field Service Orders as a Unit Field Change.
Correction material: None
2-A NA
SERIAL: 1 thru 4
IDENTITY: Change number stamped on the Field Change Accomplished plate

1-C-3674A/USQ-20(V) - Computer Set Control Introducers, (Systems Monitor Panels) Spacer for Cable Clearances
Correction material: None required
2-A FA-4 None
SERIAL: A1 thru A8
IDENTITY:

1-C-3675/USQ-20(V) - Control Introducer, Computer Set (System Monator Panel) Computer Incorporation of Factory Field Change Service Orders as a Field Unit Change
Correction Material: None
SERIAL: 1 and 2
IDENTITY: Change number stamped on the Field Change Accomplished plate.

1-C-3675A/USQ-20(V) - Same as 1-C-3674A/USQ-20(V) except SERIAL: A1 thru A13

1-C-4621/SR - Provide a capability for Simplex and Duplex Operation
Correction material: T- to NS 94794
2-A FA-2 NS None
SERIAL: All (Where both simplex and duplex operation is desired)
IDENTITY: Installation of a SIMPLEX-DUPLEX toggle switch on the control panel

1-CP-642/USQ-20 (V)-Incorporation of Factory Field Service Orders as a Unit Field Change
Correction material: Corrections to applicable technical manuals have been incorporated in revised publications
2A NS None
SERIAL: Equipments on which all changes have not been accomplished (16 at present)
IDENTITY: See field change bulletin.

1-CP-642A/USQ-20(V) - Computer - Incorporation of Factory Field Service orders as Unit Field Change
Correction material: None
2-A NA None
SERIAL: Equipments 17 thru 27 and A1 thru A11
IDENTITY: Change number stamped on the Field Change Accomplished plate.

2-CP-642A/USQ-20(V) - Digital Data Computer Switch Lamp Assembly Replacement
Correction material: T- to NS
1-A FA-8 NS
SERIAL: 19 thru 27 and A1 and subsequent
IDENTITY: If Indicator Lens on computer console can be unscrewed for removal of lamp

1-CU-255/UR - Eliminate auto tuning feature and facilitate manual tuning; provide positive locking device for coupler tuning control
1-A FA-3 NS981062 F5985-542-7093
SERIAL: All not requiring auto tuning
IDENTITY: Auto tuning feature eliminated by moving gears 0-713 and 0-714 to a position on the shaft where the autotune doesn't operate

1-CU-284/UR - Prevention of coupling loop disengagement.
Correction material: None
2-A FA-1 NS981477 None
SERIAL: All
IDENTITY: Presence of a setscrew in the tuned cavity enclosure that retains the Connector-Adapter UG-30/U.

1-CU-352/BRR-Replace antenna loop selector switch S-101.
Correction material: Change 3 to NS92182
2-A FA-12 NS981296 None
SERIAL: All
IDENTITY: Presence of "WHIP" position on the antenna loop selector switch nameplate.

1-CU-355(XN-1)/UR - For use with radio set cont., modif
Correction material: See NS 98872
B YF-8 NS98872 None
SERIAL: 1-44
IDENTITY: An-3102A-18-1P replaced w/J301 on sw pan

1-CU-691/U -Access Holes for Rf Power Adjustment
Correction material: None
2-a FA-2 NS981581 None
SERIAL: All
IDENTITY: Four holes with snap buttonhole plugs located opposite the control shafts of potentiometers R-110, R-111, R-112, and R-113

2-CU-691/U - Replaces Knobs
Correction material: NS 93235A (0280-495-4001)
1-A FA-1/2 NS0285-080-0200 F5985-903-0300
SERIAL: All
IDENTITY: The new knobs have a safety clutch and a fixed spinner.

1-CU-692/U -Same as 1-CU-691/U except: IDENTITY: Two holes with snap buttonhole plugs located opposite the control shafts of potentiometers R-110 and R-111.

2-CU-692/U - Replaces Knobs
Correction material: NS 93243A (0280-496-4001)
1-A FA-1/2 0285-080-0300 None
SERIAL: All
IDENTITY: The new knobs have a safety clutch and a fixed spinner.

1-CU-737/URC - Change of connections and cable routing to changeover relay K-1.
Correction material: T-1 to NS93628
2-A FA-2 NS981478 None
SERIAL: Applies primarily to sublime installations where it is operationally desirable to utilize the associated antenna system for a receiver that may be operated on a frequency other than that of the associated transmitter.
IDENTITY: Repositioning of the relay K-1 on the mounting.

2-AN/CU-737/URC-(To be supplied)

3-CU-737/URC-Modification to VSWR Protection Device
Correction material: T- to NS 93628 (A)
2-A FA-1 NS None
SERIAL: All installed on submarines
IDENTITY: Presence of a transmitter antenna alarm light and a transmitter antenna reset switch on the front of the CU-737/URC

1-CU-872A/U-Failure Rate Reduction of Rectifiers CR1 thru CR4
Correction material: T- to NS 94490
2-A FA-2 NS None
SERIAL: All
IDENTITY: Proper recording of the appropriate field change number on Field Change Record Plate

2-CU-872A/U-Wiring Circuit Changes
Correction material: None
2-A FA-2 NS
SERIAL: All
IDENTITY: Proper recording of the appropriate field change number on Field Change Record Plate

1-CV-172A/U – Modification of Frequency Shift Converter CV-172A/U to Accomodate 60/120 RPM Operation of Associated Facsimile Equipment (modifies equipment to CV-1066/UX)
Correction material: T-2 to NS91628
1-A FA-2 NS981510 F5815-973-0135
SERIAL: All modified to accommodate 60/120 rpm facsimile equipment
IDENTITY: The modified equipment has a label affixed to the front panel, upper right-hand comer stating that equipment has been modified to CV-1066/UX for 60 or 120 rpm operation.

1-CV-591/URR – Install a Protective Cover Over Screw Terminal 10 on TBE-1
Correction material: None
2-A FA-1 None
SERIAL: All
IDENTITY: Nylon cable strap covering screw terminal 10 on TBE-1 on the outside rear apron on the chassis.

2-CV-591/URR - Sinale Side Bond Convertor – Replocement of a Primary Power Cable and Connectors
Correction material: NS 93112
2-A M FA-1 None
SERIAL: All
IDENTITY: Presence of a MS series, 3 pin connectors, for the power cable.

1-CV-591A/URR–Addition of output load resistor.
Correction material: T-1 to NS93210
2-A FA-½ NS981432 None
SERIAL: All
IDENTITY: Presence of a 2-watt 2000-ohm resistor connected across terminals 5 and 6 on the inside of terminal strip E-1.

2-CV-591A/URR – Same as 1-CV-591/URR

3-CV-591A/URR - Power Connection Modification
Correction material: NS 93210
2-A FA-1 None
SERIAL: 1 thru 20854
IDENTITY: Pins A and C of J 2 and P2 beina connected to 115 V AC with Pin B of J2 and P2 connected to around.

4-CV-591A/URR - Elimination of Undesirable Side-Band Switching
Correction material: T- to NS93210
2-A FA-1 NS None
SERIAL: All
IDENTITY: Noting that momentary removal of power does not cause side band switching

5-CV-591A/URR - Reduction of Heat and Power Supply Foilures
Correction material: T-2 to NS93210 (0967-051-2012
0967-051-2060
1-A FA-2 NS0967-078-
9060 FSN
SERIAL: All
IDENTITY: Presence of a 1N2389 Silicone Rectifier in V10 Socket. Also tubes V8 (6J6) and V9 (12AU7) have been removed from sockets.

6-CV-591A/URR - Reduction of 17KC Feed-thru
Correction material: T-3 to NS0967-051-2013
1-A FA-1 NS0967-051-2070
SERIAL: All shipboard installed equipments
IDENTITY: Presence of Choke L3 mounted on underside of chassis between R60 and Socket XV5

1-CV-760/XN-1- Converter Signal Data (Video Processor-Incorporation of Factory Field Service Order as a Unit Field Change
Correction material: None: Incorporated in revised publication
2-A FA- NS
SERIAL: CV-760/(XN-1) No. 1
IDENTITY: Change number stomped on Field Change Accomplished plate

2-CV-760/XN-1 - Some as 4-CV-760/SS except SERIAL#1

2-CV-760/(XN-2) - Same as 4-CV-760/SS except SERIAL: 1

1-CV-760/SS - Incorporation of Factory Field Change Service Orders as a Unit Field Change
Correction material: Incorporated in revised publication
2-A FA-1 NS
SERIAL: 1 and 2 and A1 thru A4
IDENTITY: Change number stamped on the Field Change Accomplished plate

2-CV-760/SS - Signal Data Converter, (Video Processor) – Correction of Wiring Errors
Correction material: None
2-A FA-2 None
SERIAL: A1 thru A6
IDENTITY: Visual inspection of the Panel-Control-Indicator, chassis A2A1A2, and determine if o wire exists between A2-B16 and A2-B17. Secondly, with the CV-760/SS in operation, place the AN-SPS-12 radar outer range switch to 64 miles and the AN/SPS-37A radar inner range switch to 32 miles. Check the output of 07S51 (J19D-11) with an oscilloscope to determine if the output is a "1" at 32 miles and remains so until the 32 mile overlap is complete. At 64 miles the output returns to a "0" (zero volts).

3-CV-760/SS - Video Processor Logic Chassis Change
Correction material:
2-A FA-4 NS None
SERIAL: All equips where AN/SPS-43,-43A, AN/SPS-37, -37A, or AN/SPS-37A/SPA-63 Radar Set are installed as part of NTDS configuration
IDENTITY: Check for continuity between 5TB3-16 and J5D28-9

4-CV-760/SS - Signal Data Converter (Video Processor) - Duplexer Release Remote Modification
Correction material: to NS94099
2-A FA-2 NS None
SERIAL: 1, 2, A2 and subsequent
IDENTITY: Removing the circuit cards located at J5A5 and J5A2. Test for continuity from J5A5-10 to J5A2-9. If continuity exists this change has not been accomplished.

1-CV-1056/SYA-1(V) - Analog to Digital Converter - Incorporation of Factory Field Bulletins as a Unit Field Change
Correction material: Incorporated in the revised publication
2-A None
SERIAL: All
IDENTITY: Change number stamped on the Field Change Accomplished plate.

1-CV-1057/SYA-1(V) - Incorporation of Factory Field Change Bulletins as a Unit Field Change
Correction material: None
2-A NA None
SERIAL: All serials with "A" prefix
IDENTITY: Change number stamped on the Field Change Accomplished plate.

1-CV-1123/USQ-20 (V)-Converter, Digital Data (Keyset Central)-Incorporation of Factory Field Service Orders as a Unit Field Change
Correction material: T- to NS 94093
2-A FA NS
SERIAL: No. 1 thru 6 and A1 thru A5
IDENTITY:

2-CV-1123/USQ-20(V) - Converter, Digital Data (Keyset Central) - Overtemperature Alarm Audible Activation Capability
2-A FA-1 None
SERIAL: 1 thru 8 and A1 thru A18
IDENTITY: Appropriate marking on the Field Change Accomplished plate.

3-CV-1123/USQ-20(V) - Converter, Digital Data - (Keyset Central)
Correction material: Ch-1 to NS 94105
2-A FA-1 None
SERIAL: A1 thru A14
IDENTITY: Visual inspection in the converter drawer A12 at the Ratio Angle Tie-in Logic Assembly at location A32. This card will bear an "A" Suffix on the Sperry part number, and diodes will be present at CR-85 and CR-86.

3a-CV-1123/USQ-20(V) - Converter, Digital Data, (Keyset Central)
Correction material: NS 94094
2-A FA-1 None
SERIAL: 1 thru 8
IDENTITY: Visual inspection in the converter drawer A12 at location A-32 on the Ratio Angle Tie-in Assembly, there will be a diode between P1-12 and P2-15 and another diode between P1-13 and P2-15, if this change has been accomplished.

4-CV-1123/USQ-20(V) - Digital Data Converter (Keyset Central)
Correction material: CH-1 to NS 94093(A)
2-A None
SERIAL: 1 thru 8 and A1 thru A20
IDENTITY: Inspection of the field change record plate for this field change number, also by inspection of the wiring on chassis A2A1A2 jacks A6, A7, A8, A9, pins 10 and 11 and/or chassis A2A1A1 jacks C-15, C17, E-15, E-17.

5-CV-1123/USQ-20(V) - Kit to Expand Radar Input to 30 BITS
Correction material: T-1 to NS94093(A) (0967-076-4011)
1-A FA-12 NS0967-076- 4070 FSN
SERIAL: Ser 1 thru 8 and A1 thru A34
IDENTITY: Field Change number stamped on Field Change accomplished plate.

1-CV-1158/USQ-20(V) - Digital to Digital Converter (USC-2 Link Adapter) Incorporation of Factory Field Service Orders as a Unit Field Change
Correction material: None
2-A NA None
SERIAL: 1 thru 6
IDENTITY: Change number stamped on the Field Change Accomplished plate.

1-CV-1320/SYA-4(V) - Analog to Digital Converter - Incorporation of Factory Field Bulletins as a Unit Field Change
Correction material: Incorporated in revised Technical Manual
2-A NA None
SERIAL: All
IDENTITY: Change number stamped on the Field Change Accomplished plate.

2-CV-1320/SYA-4(V) - Improved Grounding Method in RAC's Reduces Sweep Disturbance
SERIAL: A1 thru A12
IDENTITY: Field change number stamped on Field Change Accomplished plate.

1-CV- 1321/SYA-4(V) - Analog to Digital Converter- Incorporation of Factory Field Change Bulletins as a Unit Change
Correction material: Incorporated in revised publications
2-A NA None
SERIAL: A1 thru A39
IDENTITY: Change number stamped on the Field Change Accomplished plate.

2-CV-1321/SYA-4(V) - Same as 2-CV-1320/SYA-4(V)

1-CV-1545/SYA-4(V) - Digital to Digital Converter; Standardization of
Correction material: None
2-A FA-3 m/h per unit None
SERIAL: A1 thru A8
IDENTITY: Presence of card assembly 581364 in A2, slot 31 of the affected equipment and card Number "581364" indicated on the Card Placement Chart.

2- CV-1545/SYA-4(V) - Data Display Group - Changes required for proper operation with Radar Set AN/SPS-48
1-A FA-40 NS0285-081-1100
SERIAL: A2 thru A9
IDENTITY: On Height Size, Check J44 in deflection control unit in A38. If it contains a blocked flip-flip assembly (the Nos. 590600), this field change has been previously accomplished.

1-CXOF - 82K resistors across storage relay sockets, add
SERIAL: All
IDENTITY: 82K ohm resistors across storage relay sockets.

1-DAK-1 - Modulator tube balance kit
A FA-3 W/KIT F5825-311-2536
SERIAL: All
IDENTITY: R127 (mod or balance) placed on front panel.

1-DAK-2 - Same as 1-DAK-1

1-DAK-3 - Same as 1-DAK-1

1-DAQ - Improved loop ant., install
B -12 F5820-509-2352
SERIAL: All
IDENTITY: Improved loop ant type cft 69083B

1-DAS - Station sel trimmers, relocate
A FA-4 SHIPS 225A None
SERIAL: 1-5
IDENTITY: Trimmers of st sw relocated to front of chassis

1A-DAS

2A-DAS - Time corrector ckt, chg
A FA-1 SHIPS 225A None
SERIAL: 1-106
IDENTITY: On TB101, R134 is 91K (indicator unit)

1B-DAS

2B-DAS - Slow sweep length, increase
A FA-2 None
SERIAL: 1-106
IDENTITY: Lead from R271 & R273 to pin 3 of X114 ind unit.

3-DAS - DAS to DAS-a, chg
A FA-2 SHIPS 225A F5825-697-9262C1
SERIAL: 1-200
IDENTITY: Add trr toggle switch to indicator unit

4-DAS - Indicator fil ground lead, remove
A FA-1 SHIPS 225A None
SERIAL: 1-200
IDENTITY: Fil gnd removed at socket X104 indicator unit.

5-DAS - Gain cont circuit, improve balance
A FA-4 SHIPS 225A None
SERIAL: 1-200
IDENTITY: Socket X113 (ind unit) bus wire from pins 2 to 5.

6-DAS - Gain and fine delay controls, chg
A FA-4 SHIPS 225A None
SERIAL: 1-200
IDENTITY: Yellow lead from T105 removed from pin 6 of X126.

7-DAS - R-285, add
A FA-½ SHIPS 225A None
SERIAL: 1-200
IDENTITY: Add R285, 3.9k between trr sw & R132 (ind unit).

8-DAS - Adjust "plus B" to 280V. (was 300)
A FA-½ None
SERIAL: All
IDENTITY: Adjust bolt reg R309 to +280 instead of +300V.

9-DAS - Das-a/DAS-2 to DAS-b/DAS-2b, chg
A FA-2 W/KIT F5825-311-280901
SERIAL: All
IDENTITY: Channels 3 & 4 cover channels 1 & 2

10-DAS - 2 microsec monitor markers, add
B YF- W/KIT None
SERIAL: SHORE MONITORS
IDENTITY: 2 usec markers provided for increased accuracy.

11-DAS - Cancelled

1-DAS-1 - DAS-1 to DAS-1a, chg
A FA-2 NS900725 F5825-699-1356C1
SERIAL: All
IDENTITY: A pwr switch is installed on front panel

1A-DAS-1

2A-DAS-1 - Prr adjust (in lieu of FC #1)
A FA-1 NS900725 None
SERIAL: All
IDENTITY: Receiver band change switch has four positions labeled 1-2 3-4

2-DAS-1 - DAS-1a to DAS-1b, chg
A FA-2 NS900752 F5825-301-6485
SERIAL: All
IDENTITY: Pin 8 of V-6 is grounded and pin 5 of V-6 is connected to the end of R-30 that connects to the test jack. R-30 is connected between the test jack and pin 4 of V-7.

3-DAS-1 - Receiver diode connection
A FA-½ NS900752 None
SERIAL: All
IDENTITY: New nameplates are standard type.

4-DAS-1 - Nameplate chg
A FA-½ NS900752 None
SERIAL: 1-140
IDENTITY: Nameplates now read 501 to 640.

5-DAS-1 - Grounding chg
A FA-1 NS900752 None
SERIAL: All
IDENTITY: An insulated ground lead is added from S-4B (recvr on-off function switch) to the ground lug on socket X-17 on DAS-1 or X-117 on DAS-3.

6-DAS-1 - C107/C207, insulate
A FA-1 NS900752 None
SERIAL: All
IDENTITY: Capacitors are bathtub type and are located in back right-hand corner. Mounted on insulated base

7-DAS-1 - Slow sweep res R167/R267, chg
A FA-½ NS900752 None
SERIAL: All
IDENTITY: R-167 in DAS-1 or R-267 in DAS-3 is changed from 4,700 to 3,300 ohms. Located under chassis, right side, mounted on terminal strip. (Third from back end of long strip, 2 watt).

8-DAS-1 - C37/C137, chg
A FA-½ NS900752 None
SERIAL: All
IDENTITY: Changed from 25 to 30 mmfd., located on pin 4 of V-33 or V-133.

1-FRA - C-120, install
A FA-1 NS98662 None
SERIAL: 1-16
IDENTITY: Appearance of capacitor C-120

1-ID-500(XN-1)/URN-3 - Modification of Alarm Lamp Circuits
Correction material: None required
2-A FA-1 None
SERIAL: All
IDENTITY: Presence of a 125-volt, 6-watt lamp in place of lamp originally installed.

1-ID-917/USP-20(V) - Net Program Display - Incorporation Factory Field Service Orders as a Unit Field Change
Correction material: Incorporate in revised publications
2-A NA None
SERIAL: 1
IDENTITY: Change number stamped on the Field Change Accomplished plate.

1-KWT-6(8) - Power amplifier keying modification to reduce fuse (F3) failures.
Correction material: None
2-A FA-1 NS981475 None
SERIAL: KWT-6(8) Serial 1 through 79
IDENTITY: Addition of a 270K ohm resistor and a type 1N198 diode connected to relay K-2 in the power amplifier AM-2061/URT.

2-KWT-6(8) - Addition of ground wire in high voltage power supply for positive grounding of swich S-1.
Correction material: None
2-A FA-1/2 NS981476 None
SERIAL: 1 through 88
IDENTITY: Presence of a 10 inch bonding wire bolted to the S1 subchassis and carried back and bolted to the back plate of the Power Supply PP-2153/U.

3-KWT-6(8) - Same as 12-AN/URC-32

4-KWT-6(8) - Same as 13-AN/URC-32 except SERIAL: 1 through 90

5-KWT-6(8) - Same as 14-AN/URC-32 except SERIAL: 1 through 90

6-KWT-6(8) - Same as 15-AN/URC-32

7-KWT-6(8) - Same as 16-AN/URC-32

8-KWT-6(8) - Same as 17-AN/URC-32 except SERIAL: 1 thru 10

9-KWT-6/8 - Same as 18-AN/URC-32

10-KWT-6/8-Same as 19-AN/URC-32

12-KWT-6(8) - Same as 21-AN/URC-32

13-KWT-6(8) - Same as 22-AN/URC-32 except SERIAL: 1 thru 90

1-KY-44A/FX - Chq pwr line fuse to 1 amp "slow blow"
Correction material: T-1 to NS 91411
2-A FA-½ NS981085 None
SERIAL: All
IDENTITY: F-1 and F-2 are one amp fuse

1-KY-44B/FX - Same as 1-KY-44A/FX

1-KY-58/CRT-Separate input for FAX signals, provide
Correction material: Change 1 to NS 91543
2 FA-3 NS98335
SERIAL: All
IDENTITY: Connector receptacle (J-113) is added on blister assembly E-122.

2-KY-58/CRT - Wiring Error Correction
Correction material: None
2-A FA-½ NS981688 None
SERIAL: All
IDENTITY: When wire No. Ra in Amplifier-Oscillator AM-655/URT is connected to pin 5 of V-113 instead of lower lug of R-181

1-KY-75/SRT - Same as 1-KY-58/GRT

2-KY-75/SRT - Same as 2-KY-58/GRT

1-KY-83/S - Use with TDZ, TED, or AN/ARC-27 via NT radiophone unit
Correction material: Change 1 to NS 91822(B)
2-A FA-2 NS98521 F5820-642-7903
SERIAL: 1-50
IDENTITY: Shielded wire, one end of which the inner conductor connects to terminal 3 of TB 101 and the other end connects to terminal 3 of TB 102.

1-KY-83A/S - Use with TDZ, TED, or AN/GRC-27 via NT radiophone
A FA-2 NS98522 F5820-699-5504
SERIAL: 1-205
IDENTITY: Shielded wire, one end of which the inner conductor connects to terminal 3 of TB 101 and the other end connects to terminal 3 of TB 102.

1-KY-214/BRA-4 - Information relative to this change is included in NS94546

1-LS-468/S - Incorporation of Factory Field Change Bulletins as a Unit Field Change
Correction material: Incorporated in the revised publication
2-A FA-2 NS None
SERIAL: A1 thru A28
IDENTITY: Presence of a 10K ohm potentiometer in lieu of a 1 Meg ohm potentiometer Gain Control

1-LS-482/SYA-4(V) - Intercommunication Station - Incorporation of Factory Field Bulletins as a Unit Field Change
Correction material: None
2-A NA None
SERIAL: A2 thru A24 and A26 thru A29
IDENTITY: Change number stamped on the field Change Accomplished plate.

2-LS-482/SYA-4(V) - Same as 2-OA-3069/SYA-1(V)

1-MAR - Shockmounts, add
Correction material: None
B YF-4 NS98663 F5820-311-2122
SERIAL: 1-1400
IDENTITY: Shockmounts on NT-20379

2-MAR - Ballast resistor R-530, add
Correction material: None
A FA-¼ NS98663 None
SERIAL: 1-500
IDENTITY: Spare ballast resistor R-530.

3-MAR - TDR in pwr supply, NT-20379, repl
Correction material: None
A FA-¼ NS98769 F5840-311-2504
SERIAL: NT-20379 (1-500)
IDENTITY: Relay K-903 bearing type number 40258.

4-MAR - Add to allowance of equip spares
Correction material: None
A FA-¼ NS98062 F5840-642-7215
SERIAL: Equips with pwr supplies NT 20379 with nos 501 and up
IDENTITY: Following spare items;
1 each of the following: C-963A/S, C-964A/S, E-906, F-907, J-902, L-915A/S, L-916

5-MAR - Noise suppr kit for dynamotor and blower motor, add
Correction material: See NS 98051
A FA-4 NS98051 F5820-311-2394
SERIAL: All
IDENTITY: Installation of noise suppressor kit Z-601 and Z-804.

6-MAR - Bleeder res in elect. noise suppr, add
Correction material: T-1 to NS 900.719(A)
2-A FA-½ NS98224 F5820-340-3085
SERIAL: All w/ctd-53518 noise suppr
IDENTITY: Presence of R-1701 across terminals 15 & 16 on Z-1701 (not readily accessible)

1-MAY - Whip ant. and tripler meter shunt, repl and install channel freq card
Correction material: See NS 98263
A FA-1 NS98263 F5820-311-2825
SERIAL: All
IDENTITY: Channel frequency plate installed on front panel below system nameplate.

2-MAY - Alignment procedures, improved
Correction material: See NS 98562
2-A FA-2 NS98562 F5820-642-7904
SERIAL: All
IDENTITY: Presence of a new switch (S-202) in place of S-201 and colored paint marks on the tripler yokes and coils.

3-MAY - Capacitors, C-127, C-129, C-235, C-401, repl
Correction material: Change 3 to NS 91392
1-A FA-3 NS981031 F5820-615-9500
SERIAL: All
IDENTITY: Accomplished

1-MAY-1 - Same as 2-MAY

2-MAY-1 - Same as 3-MAY

1-MT-2750/SYA-4(V) - Base Data Display Console - Incorporation of Factory Field Bulletins as a Unit Field Change
Correction material: Incorporated in revised publications
2-A NA None
SERIAL: All
IDENTITY: Change number stamped on the Field Change Accomplished plate.

1-MT-2751/SYA-4(V) - Base Video Display Console - Incorporation of a Factory Field Bulletin as a Unit Field Change
Correction material: Incorporated in revised publications
2-A NA None
SERIAL: A2 thru A7 and A9 thru A19
IDENTITY: Change number stamped on the Field Change Accomplished plate.

1-MT-2752/SYA-4(V) - Base, Data Readout Console - Incorporation of a Factory Field Bulletin as a Unit Field Change
2-A NA None
SERIAL: A8 thru A36 and A39 thru A100
IDENTITY: Change number stamped on the Field Change Accomplished plate.

1-MX-802/MRC - Mike input CKT in CMX-50128 interphone ampl, modif
Correction material: None
A FA-1/3 NS98159 None
SERIAL: All
IDENTITY: R-103 removed from input circuit of xfmr

1-MX-1583/SRC - Prevent inadvertent keying thru radiophone unit
A FA-1 NS98518B None
SERIAL: All
IDENTITY: Jumper added between terminals 3 & 4 on terminal board E-101.

2-MX-1583/SRC - Remote cont features, modif
A FA-1 NS98518B None
SERIAL: All
IDENTITY: R-101 now connects to term 3 of TB E-103. Formerly R-101 was connected to wire from term 1 (TB E-103) to wiper contact of relay.

1-MX-1627/URN-3-(To be supplied)

2-MX-1627/URN-3-(To be supplied)

3-MX-1627/URN-3-(To be supplied)

4-MX-1627/URN-3-(To be supplied)

5-MX-1627/URN-3-(To be supplied)

6-MX-1627/URN-3 - Installation of RF suppression screens.
Correction material: None
1-A YF-2 NS981358 None
SERIAL: All
IDENTITY: Presence of screen covers on three sides of monitors.

7-MX-1627/URN-3 - Same as 5-MX2229/GRA-34 except
SERIAL: Partly

1-MX-1743/SRC - Wiring changes
Correction material: T-1 to NS93084, T-1 to NS93237
2-A FA-4 NS981186 None
SERIAL: All
IDENTITY: Reversal of leads in the upper portion of R-604.

1-MX-1743A/SRC - Same as 1-MX-1743/SRC

1-MX-2229/GRA-34 - Same as 1-MX-1627/URN-3

2-MX-2229/GRA-34 - Same as 2-MX-1627/URN-3

3-MX-2229/GRA-34 - Same as 3-MX-1627/URN-3

4- MX-2229/GRA-34- Same as 4 - MX-1627/URN-3

5- MX-2229/GRA-34 - Same as 5 - MX-1627/URN-3

6-MX2229/GRA-34 - Modification of Main Delay Alarm and Identity Delay Alarm Circuits
Correction material: NS 92975(A)
1-A YF-2 NS0967-053-4070
SERIAL: All
IDENTITY: A 27K ohm 1/2 watt resistor is soldered between the lower arm of R-146 and a new grounding lug.

1-MX-3195/USQ-20(V) - Digital Data Introducer, (Keyset Universal) Incorporation of Factory Field Service Orders as a Unit Field Change.
2-A NA None
SERIAL: 1 thru 27
IDENTITY: Change number stamped on the Field Change Accomplished plate.

2-MX-3195/USQ-20(V) - Digital Date Introducer (Keyset Universal) - Corrective Action of Wire Placement and Gusset Plate fastening.
Correction material: None
2-A FA-1 None
SERIAL: 1 thru 31, A1 thru A6, and A8 thru A29
IDENTITY: Visual inspection of TB-1 noting that the terminal lugs have been bent sufficiently to permit adequate clearance from the outer case and self locking nuts have replaced the four nut-lockwasher assemblies on the four triangular gusset plates that attach the switching diode chassis to the vertical chassis supports.

3-MX-3195/USQ-20(V) - Key Set Key Board Overlay Kit
1-A FA-4 NS0285-081-1000
SERIAL: All
IDENTITY: Presence of a thick black lucite overlay superimposed over a thick clear lucite underlay secured to the keyboard by two thumb screws.

4-MX-3195/USQ-20(V) - Digital Data Introducer (Universal Keyset) - Improvement of Data Entry Rate
Correction material: to NS94097A
2-A FA-3 NS None
SERIAL: All
IDENTITY: Energizing the keyset and activation the MESSAGE/WORK keys and then depressing TRANSMIT. If this entry is accepted, this field change is incorporated.

1-0-714/UR - Fuse Replacement
2-A FA-1/2 14 S None
SERIAL: TMC model CBE-1, component unit of transmitter AN/FRT-39F, serial 19391
IDENTITY: Field change number stamped on Field Change Accomplished plate.

1-0-878/URN-3 - Cooling modif in cont antenna C-1700/URN-3
Correction material: Change 1 to NS 92348(A)
1-A FA-16 NS98953 F5820-543-0982
SERIAL: OA-878/URN-3 (1 thru 18) and OA-878A/URA-3 (1 thru 44)
IDENTITY:

1-0-878/URN-3 - Same as 1-0-878/URN-3

1-OA-365/SIC-1 - Squelch cont for AN/GRC-27, add
Correction material: None
B FA-4 NS98423 F5820-311-3272
SERIAL: First 5 delvd
IDENTITY: Presence of R-F gain control

2-OA-553/URN-3 - Same as 1-OA-591/URN-3

2-OA-553/(XN-3) - Same as 1-OA-591/URN-3

1-OA-591/URN-3 - Replacing Low Band Central Array E-3202 or High Band Central Array E-3201
Correction material: None required
1-A FA-3 NS98661 None
SERIAL: See Bulletin

2-OA-591/URN-3 - AB-361/URN-3 Antenna Base, Improve
Correction material: None required
2-A FA-2 NS 98680 None
SERIAL: See Bulletin

3-OA-591/URN-3 - Tacan Antenna
Correction material:
2-A FA-1/2 NS 981126 None
SERIAL: All Shore Station equipments
IDENTITY: Decal denoting that azimuth servo switch must be in OFF position.

4-OA-591/URN-3 - Cancelled

5-OA-591/URN-3 - Installation of a BNC Receptacle for measuring tachometer frequency.
Correction material: to NS 92348(A)
2-A FA-2 NS None
SERIAL: All antenna groups utilizing C-1349/URN-3
IDENTITY: Presence of BNC receptable on the top of the cable entrance box of the C-1349/URN-3 Antenna Control Unit.

1-OA-592/URN-3 - Same as 1-OA-591/URN-3

2-OA-592/URN-3 - Same as 2-OA-591/URN-3

3-OA-592/URN-3 - Same as 3-OA-591/URN-3

4-OA-592/URN-3 - Cancelled

5-OA-592/URN-3 - Same as 5-OA-591/URN-3

2-OA-1547/URN-3 - Same as 3-OA-591/URN-3

2-OA-1548/URN-3 - Same as 3-OA-591/URN-3

1-OA-3069/SYA-1(V) - Decreasing the Voltage to the Read Out Device and Pushbutton Lamps
Correction material: NS 93723B and 93724A
2-A FA-4
SERIAL: All
IDENTITY: Presence of a wire connected to terminal t of T1 and terminals 12 and 15 of T2.

2-OA-3069/SYA-1(V) - Improved Type Labels for the Intercommunication Panels.
Correction material: None
2-A FA-2 None
SERIAL: All AN/SYA-1(V), AN/SYA-4(V) Consoles and LS-482/SYA-4(V) Intercommunication Station.
IDENTITY: Noting that the labels are attached underneath the front lucite plate of panel (A-6).

3-OA-3069/SYA-1(V) - Same as 3-OA-3953/SYA-4(V) except
SERIAL: All

4-OA-3069/SYA-1(V) - Data Input Display Console - Incorporation of Factory Field Bulletins as a Unit Field Change
Correction material: Incorporated in revised publication
2-A None
SERIAL: All
IDENTITY: Change number stamped on the Field Change Accomplished plate.

1-OA-3070/SYA-1(V) - Same as 1-OA-3069/SYA-1(V)

2-OA-3070/SYA-1(V) - Same as 2-OA-3069/SYA-1(V)

3-OA-3070/SYA-1(V) - Same as 3-OA-3953/SYA-4(V) except
SERIAL: All

4-OA-3070/SYA-1(V) - Data Utilization Display Console - Incorporation of Factory Field Bulletins as a Unit Field Change
Correction material: Incorporated in the revised publication.
2-A None
SERIAL: All
IDENTITY: Change number stamped on the Field Change Accomplished plate.

5-OA-3070/SYA-1(V) - Same as 6-OA-3953/SYA-4(V)

6-OA-3070/SYA-1(V) - Provide Capability of Switching Remote Track Symbols to DOTS
Correction material: To Navships 93724(A)
2-A FA-4 NS None
SERIAL: All
IDENTITY: Noting that Remote Tracks can be changed to DOTS by depressing the Remote Tracks to DOTS button.

1-OA-3071/SYA-1(V) - Same as 2-OA-3069/SYA-1(V)

2-OA-3071/SYA-1(V) - Video Display Height-Size Console - Incorporation of Factory Field Change Bulletins as a Unit Field Change
Correction material: Incorporated in the revised publication
2-A NA None
SERIAL: All
IDENTITY: Change number stamped on the Field Change Accomplished plate.

1-OA-3072/SYA-1(V) - Data Input Readout Console - Incorporation of Factory Field Bulletins as a Unit Field Change
Correction material: None
2-A NA None
SERIAL: All
IDENTITY: Change Number stamped on the Field Change Plate.

2-OA-3072/SYA-1(V) - Standardization of Wiring in the Readout Cells
Correction material: NS 93727(A)
2-A FA-1.5 None
SERIAL: All
IDENTITY: Noting the absence of Readout errors when new films, applicable to the model II program, are installed.

1-OA-3073/SYA-1(V) - Data Utilization Readout Console - Incorporation of Factory Field Bulletins as a Unit Field Change
Correction material: Incorporated in revised publication
2-A None
SERIAL: All
IDENTITY: Change number stamped on the Field Change Accomplished plate.

2-OA-3073/SYA-1(V) - Same as 2-OA-3072/SYA-1(V)

1-OA-3074/SYA-1(V) - Symbol Generator Group - Incorporation of Factory Field Bulletin as a Unit Field Change
Correction material: Incorporated in revised publication
2-A NA None
SERIAL: All
IDENTITY: Change number stamped on the Field Change Accomplished plate.

1-OA-3953/SYA-4(V) - Data Input Display Console - Incorporation of Factory Field Bulletins as a Unit Field Change
Correction material: None
2-A NA None
SERIAL: A1 thru A122
IDENTITY: Change number stamped on the Field Change Accomplished plate.

2-OA-3953/SYA-4(V) - Same as 2-OA-3069/SYA-1(V)

3-OA-3953/SYA-4(V) - Intensity Amplifier Reliability Improvement
Correction material: NS 94640(A)
2-A FA-1.5 None
SERIAL: A1 thru A151
IDENTITY: Removing the 575044 Unit from the console and checking for the additional ports as shown on Figure 1 and 2.

4-OA-3953/SYA-4(V) - Replace Guide Pin Stud in Bullnose Link Mechanism
1-A FA-1-1/2
SERIAL: All
IDENTITY: Change number stamped on the Field Change Accomplished plate.

5-OA-3953/SYA-4(V) - Same as 2-CV-1545/SYA-4(V) except
SERIAL: A1 thru A153

6-OA-3953/SYA-4(V) - Modification of Video Pre-Amplifier to Improve Intensity
2-A FA-2 None
SERIAL: Equipments which have been modified with CRT Resolution improvement HAC
IDENTITY: Noting that resistor R3 has been replaced by a jumper wire on the Intensity Summing Amplifier Card 580625.

1-OA-3954/SYA-4(V) - Data Input Readout Console - Incorporation of Factory Field Bulletins as a Unit Field Change
Correction material: Incorporated in revised publication
2-A NA None
SERIAL: All
IDENTITY: Change number stamped on the Field Change Accomplished plate.

1-OA-3955/SYA-4(V) - Data Utilization Display Console - Incorporation of Factory Bulletins as a Unit Field Change
Correction material: None
2-A NA None
SERIAL: A1 thru A119
IDENTITY: Change number stamped on the Field Change Accomplished plate.

2-OA-3955/SYA-4(V) - Same as 2-OA-3069/SYA-1(V)

3-OA-3955/SYA-4(V) - Same as 3-OA-3953/SYA-4(V) except
SERIAL: A1 thru A140

4-OA-3955/SYA-4(V) - Same as 4-OA-3953/SYA-4(V)

5-OA-3955/SYA-4(V) -Same as 2-CV-1545/SYA-4(V) except
SERIAL: A1 thru A144

6-OA-3955/SYA-4(V) - Same as 6-OA-3953/SYA-4(V)

1-OA-3956/SYA-4(V) - Data Utilization Readout Console - Incorporation of Factory Field Bulletins as a Unit Field Change
Correction material: None
2-A NA None
SERIAL: All
IDENTITY: Change number stamped on the Field Change Accomplished plate.

1-OA-3957/SYA-4(V) - Video Display Height Size Console - Incorporation of Factory Field Bulletins as a Unit Field Change
Correction material: None
2-A NA None
SERIAL: All
IDENTITY: Change number stamped on the Field Change Accomplished plate.

2-OA-3957/SYA-4(V) - Same as 2-OA-3069/SYA-1(V)

3-OA-3957/SYA-4(V) - Same as 4-OA-3953/SYA-4(V)

4-OA-3957/SYA-4(V) - Erratic Function Codes Improvement in Height size Console
2-A FA-4 None
SERIAL: A1 thru A27
IDENTITY: Checking the Voltage on A-1, SW-2 terminal 4 for -28VDC

5-OA-3957/SYA-4(V) - Modification of Track Call-up Switches
2-A FA-3 None
SERIAL: All Height-Size Video Display Consoles having serials with "A" prefix
IDENTITY: Ability to rotate Track Call-up Switches more than 360° in either direction.

1-OA-3958/SYA-4(V) - Symbol Generator Group - Incorporation of Factory Field Bulletins as a Unit Field Change
Correction material: None
2-A NA None
SERIAL: A1 thru A10 and A12 thru A15
IDENTITY: Change number stamped on the Field Change Accomplished plate.

1-OA-4464/USQ-20(V) - Converter Group, Fire Control Data, used with NTDS/WDS MK-11
Correction material: None required
2-A FA-1/2 None
SERIAL: A1 thru A3
IDENTITY: Change number stamped on Field Change Accomplished plate.

2-OA-4464/USQ-20(V) - Converter Group Fire Control Data
2-A FA-3 None
SERIAL: CV-1482/USQ-20(V) - Converter portion of OA-4464/USQ-20(V) Serials A1 through A8
IDENTITY: Inspection of CV-1482/USQ-20(V) for accomplishment of wire changes.

3-OA-4464/USQ-20(V) - Increase Resolution of Quantity RV-2
Correction material: T-1 to NS 95771 (0967-057-1011)
2-A FA-1 NS 0967-057-1011 None
SERIAL: A1 thru A8
IDENTITY: Check continuity from 1A1A5J15-J12 to 1A1A5J15-4.

4-OA-4464/USQ-20(V) - Implement PSNS Air Filter Modification Kit and Fort Instrument Co. Modification Kit SK-409-A4
Correction material: Contained in Modification Kit
2-A FA-2 None
SERIAL: A1 thru A8
IDENTITY: Inspect Air Filter Bracket for presence of 3 main powered fuses of 15 amps.