

MIL-T-19835(SHIPS)  
 AMENDMENT - 2  
 4 February 1960  
SUPERSEDING  
 Amendment - 1  
 21 October 1958

MILITARY SPECIFICATION  
 TRANSMITTING SET, RADIO

This amendment forms a part of Military Specification MIL-T-19835(SHIPS), 1 March 1957.

Page 1, paragraph 2. 1: Add the following specification:

SPECIFICATIONS

MILITARY

"MIL-C-25 - Capacitors, Fixed, Paper-Dielectric, Direct-Current (Hermetically Sealed in Metallic Cases)."

Page 2, paragraph 3. 4: Delete and substitute:

"3. 4 Parts. - All corresponding parts furnished with and for the equipments shall be interchangeable physically and electrically in accordance with design, fit, assembly and performance requirements of this specification, except as follows:

"3. 4. 1 Capacitor type CP69B5EF254V shall be substituted for CAW #430MAB (Symbol C-412).

"3. 4. 2 Capacitor types CP29A1EF602M and CP25A3EF602M shall be replaced by capacitors in accordance with Specification MIL-C-25.

"3. 4. 3 Capacitor type CP26A1EF503M shall be substituted for CP28A1EF503M.

"3. 4. 4 Capacitor type CP26A3EF602M shall be substituted for CP20A3EF602M.

"3. 4. 5 Capacitor type CP26A1EF503M shall be substituted for CP29A1EF503M.

"3. 4. 6 Capacitor type CP26A1EF104M shall be substituted for type CP28A1EF104M.

"3. 4. 7 Capacitor type CP26A3EF602M shall be substituted for type CP25A3EF602M.

"3. 4. 8 Substitute Erie Capacitor type SK-1034, or equivalent, for all 1000 $\mu$ f plus or minus 20 per cent variable temperature coefficient; 1500 volts d. c. applications.

"3. 4. 9 The capacitor rotor for tuning the final r. f. plate circuit shall be of a design that precludes blade displacement. The design shall require approval of the bureau or agency concerned.

"3. 4. 10 Electrical noise suppressor (Symbol E-503) shall be Sprague type S37412, or equivalent.

"3. 4. 11 Diode type 1N21C shall be substituted for type 1N21B.

"3. 4. 12 Tube type 5933 shall be substituted for type 807 (Symbols V-105 and V-106).

"3. 4. 13 Plate caps (for Symbols V-105, V-106, V-401 and V-402) shall be Millen Snap lock plate caps, or equivalent. Tube retainers for V-401 and V-402 shall employ the present basic design modified only to the extent necessary to accommodate the above plate caps. Tube retainers for V-105 and V-106 shall be of the one post-base type.

"3. 4. 14 Tube shields N16-S-34520-3864, N16-S-34557-8351 and N16-S-34576-8514 shall be substituted for IERC types No. T5-1015, T5-1020 and T6-1020. Shields shall be fitted with corrugated inserts.

"3. 4. 15 Tube sockets N16-S-62603-6700 and N16-S-64063-6713 shall be substituted for TS102C03, TS103P03, IERC-T5-1001 and IERC-T6-1001.

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"3.4.16 Material for airvents (Symbol O-601) shall be teflon, or equivalent. The size of the airvents in addition to directing proper air flow shall assist in retaining tubes (Symbols V-604 and V-605) in their associated sockets.

"3.4.17 Manson Laboratories Model RD-160 blower assembly, or equivalent shall be substituted for N17-B-021188-4040 (Symbol B-601) and N17-S-50967-7088 (Symbol E-615)."

Page 5: Add as paragraph 4.5:

"4.5 Unless otherwise specified herein the supplier is responsible for the performance of all inspection requirements prior to submission for Government inspection and acceptance. Except as otherwise specified, the supplier may utilize his own facilities or any commercial laboratory acceptable to the Government. Inspection records of the examinations and tests shall be kept complete and available to the Government as specified in the contract or order."

Preparing activity:  
Navy - Bureau of Ships  
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