

5943

TMC SPECIFICATION

NO. S 943

REV: 0 A

COMPILED: RRH

CHECKED: ~~NNK~~

APPD: ~~NNK~~ 4/12/65

SHEET 1 OF 4

TITLE:

typed by vab 4/12/65

INSTRUCTIONS FOR PREPARATION OF
MODIFICATION KIT SPECIFICATIONS

TMC SPECIFICATION

NO. 5

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SHEET 2 OF 4

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1. TYPES OF KITS

TYPE I includes:

Complete instructions for accomplishing the modification, changes to existing documents, all parts, materials and special tools, nameplates and documents.

TYPE II includes:

Only instructions for accomplishing the modification and for changing existing documents. It does not include tools or material.

TYPE III includes:

Same as Type I except that only part of the materials and special tools are provided. The instructions will include a list of materials and tools to be provided by the customer.

2. The Engineering Job Order for preparation of the Modification Kit will specify the type of kit to be prepared. The same TMC Specification may contain instructions for more than one type of kit. If contract calls for conformance to Navy specifications in the preparation of the kit, guidance shall be obtained from the current edition of MIL-F-17655 B (SHIPS).

3. Modification Kit Specifications shall contain information as follows.

a. Statement of equipment effected. If the TMC model number of the equipment is to be changed after accomplishment of the modification, the new model number should be stated.

b. A brief statement of the purpose of the modification and any special characteristics of the equipment which will result from its accomplishment. If no change in model number will result, this should be stated.

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c. A brief statement of how it can be determined if the modification has been accomplished (e.g. addition of zener diode, change of tub socket, addition of modification nameplate.)

d. List of material required with indication of what is supplied by TMC and what is supplied by the customer. Lists will be arranged with the following columns:

- (1) Item number
- (2) Symbol (if any)
- (3) Quantity
- (4) TMC part number (if any)
- (5) Description

e. List of tools, jigs and instruments required to accomplish the modification with indication of what is supplied by TMC and what is supplied by the customer.

f. Procedural steps and other information required to accomplish the field change. The following shall be included, when applicable:

- (1) Precautionary statements, conspicuously ^{defining conditions} involved in making the modification when danger to life or damage to equipment may result, plus appropriate steps to insure safety.
- (2) Complete detailed instructions, for the construction and use of special tools or jigs required.
- (3) Step-by-step directions for accomplishing the modification.
- (4) Illustrations, photographs and diagrams not available in existing instruction manuals. When the change requires circuit modifications, a "before and after" partial schematic wiring diagram of the portion affected normally shall be provided.

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CONTINUED

In this diagram a series of "X" marks will indicate connections removed and extra heavy solid lines will show the new connections. If necessary for clarity, two separate diagrams shall be furnished. For relatively simple changes (e.g. replacement shall be furnished of a resistor or capacitor) a wiring diagram need not be furnished if the replaced part(s) can be located easily on the existing diagrams. All changes affecting inter-unit connections shall be described and illustrated clearly.

(5) Mechanical and electrical adjustments which should be made after the installation of the modification. When the modification changes the operating procedures of the equipment, the revised procedure will be described.

(6) Remarks regarding circuit operation which is indicative of improper accomplishment of the modification. Provide test procedure if appropriate.

(7) Instructions for modifying or adding chassis and panel markings, including adding modification nameplates.

