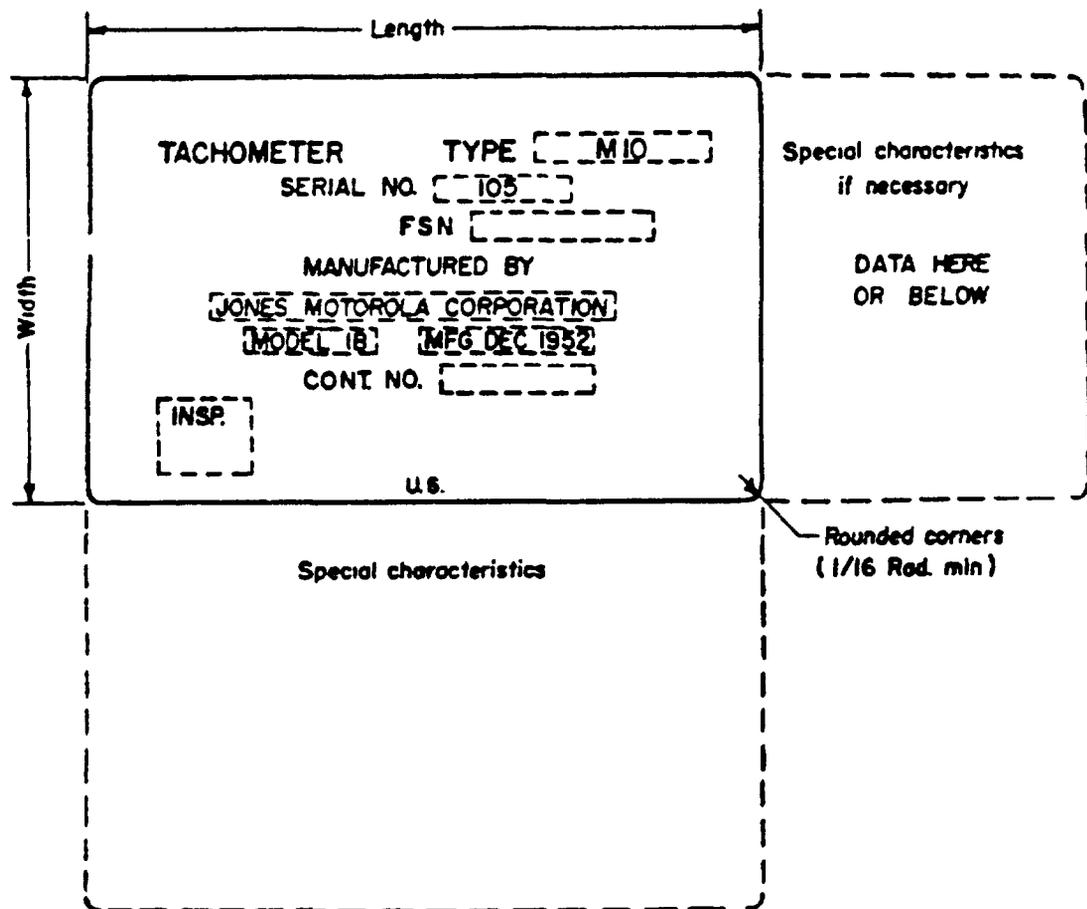


This document has been approved
for public release and sale; its
distribution is unlimited.

MIL-P-15024/5 (SHIPS)
11 June 1971

MILITARY SPECIFICATION SHEET
PLATES, IDENTIFICATION

The complete requirements for procuring identification plates described herein shall consist of this document and the latest issue of MIL-P-15024.



NOTE: Items such as stock number and serial number may be omitted if not required by the procuring activity.

Figure 1 - Basic arrangement.

FSC 9905

MIL-P-15024/5 (SHIPS)

Figure 2 - Typical identification plates for electrical equipment.

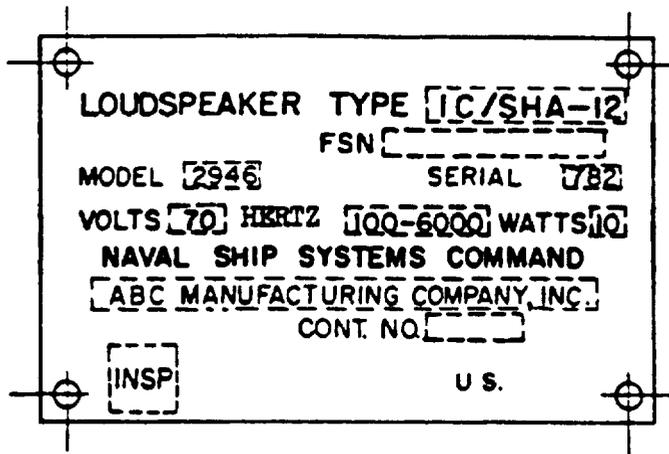


Figure 2A - Typical unit.

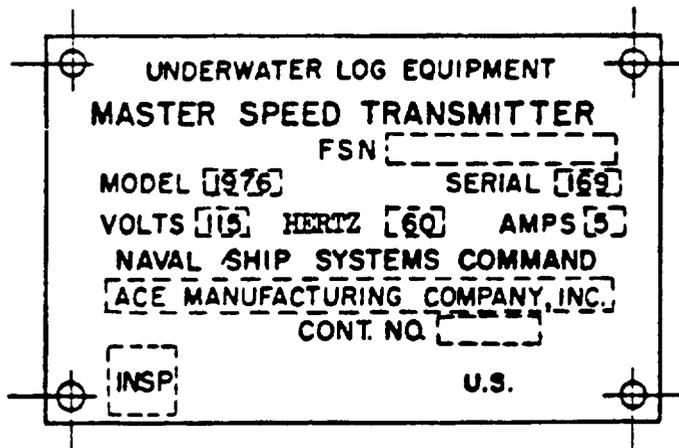


Figure 2B - Typical set.

Figure 3 - Typical illustrations of identification plates for electronic equipment.

NOTE: Dimensions and other information on illustrations show typical proportions and spacing. The square is the space for inspector's stamp. Information may be added or deleted as required by the procuring activity.

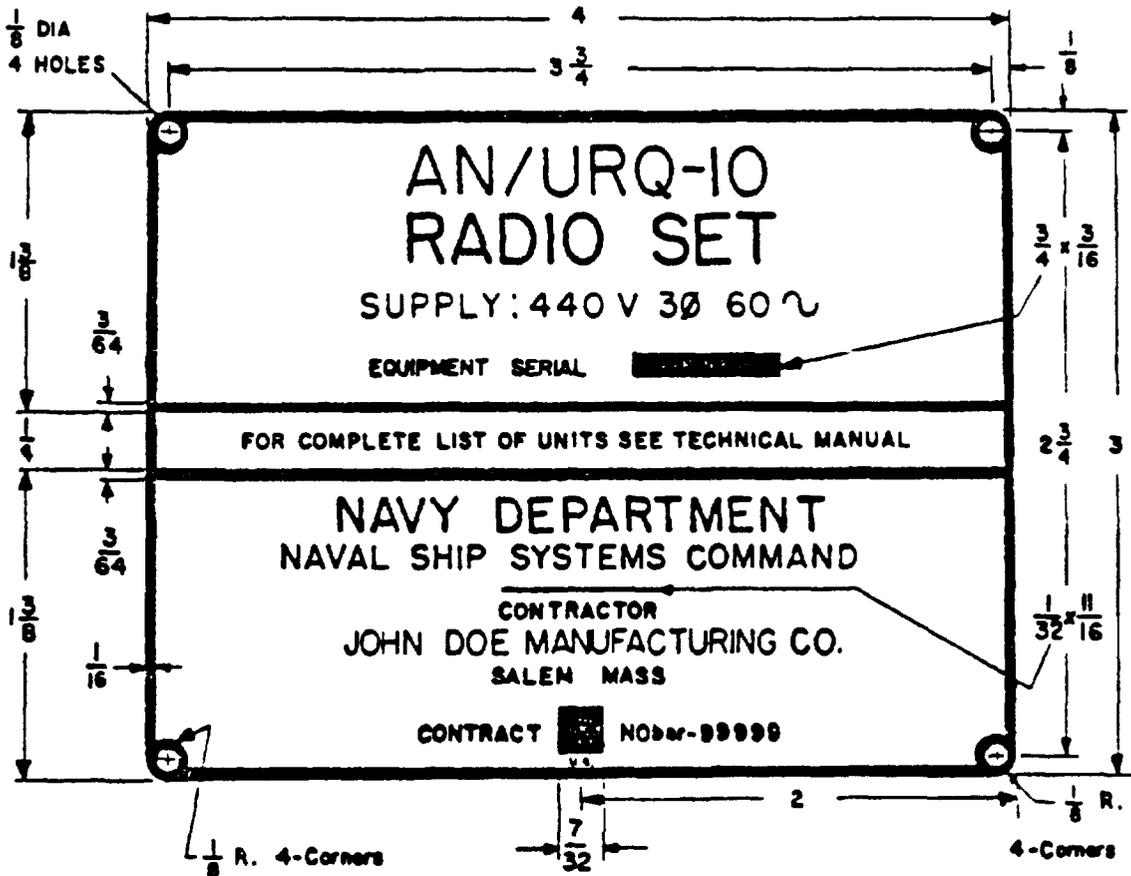


Figure 3A - Set.

MIL-P-15024/5 (SHIPS)

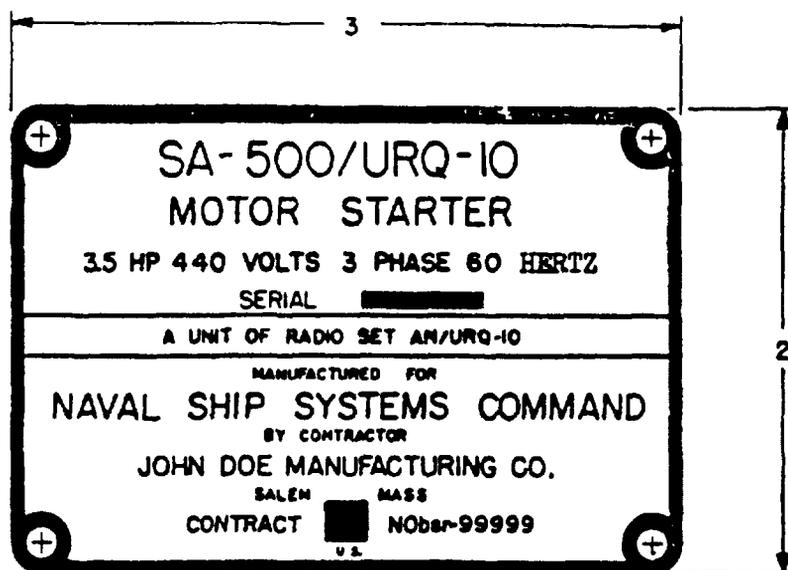


Figure 3B - Unit.

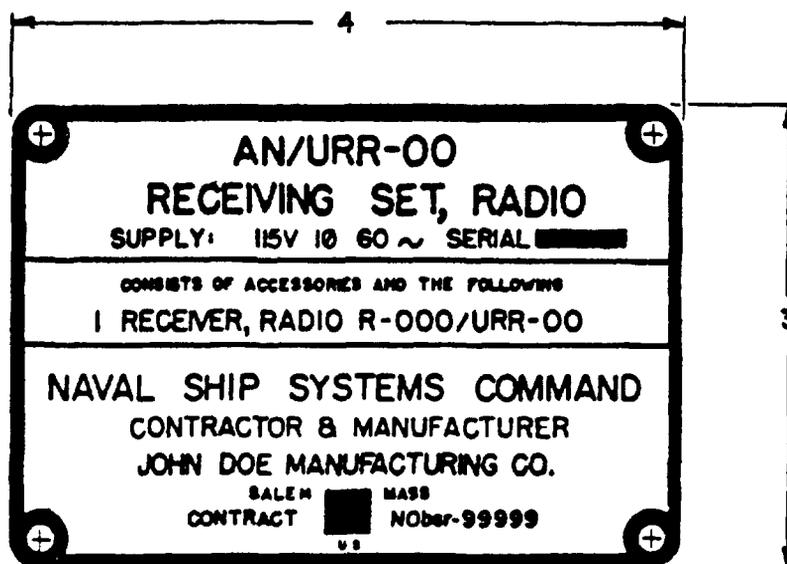


Figure 3C - Combination set and unit.

MIL-P-15024/5

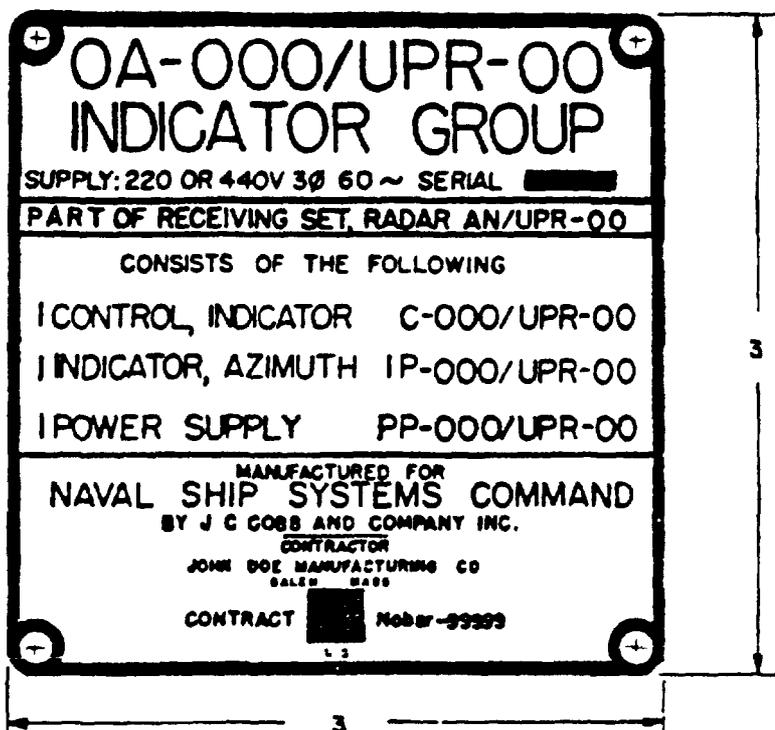


Figure 3D - Group.

MODIFIED TO RADIO SET AN/3RC-00
 BY ADDITION OF FIELD CHANGE 3000
 UNDER CONTRACT NUMBER-00000

NOTE The length of the modification
 plate shall be the same as that
 of the plate in whose vicinity
 the modification plate will be used.

Figure 3E - Modification plate.

MIL-P-15024/5 (SHIPS)

GENERATOR SET, TURBINE		
SERIAL NO	[]	
FSN	[]	
MANUFACTURED BY	[]	
INSP	CONT NO []	
TURBINE DATA		
MODEL	[]	RPM []
STEAM. PSIG	[]	VACUUM HG []
STEAM TEMP	[]	
GENERATOR DATA		
MFR	MODEL []	RPM []
KW	VOLTS []	AC or DC []
US		

Figure 4A - Typical generator set.

MAIN REDUCTION GEAR DOUBLE REDUCTION
SERIAL NO. [] PSN []
MANUFACTURED BY []
CONT NO. [] UNIT []
MP PIVON 1ST RED. RPM SHP
LP PIVON 1ST RED. [] []
MAIN GEAR 2ND RED. [] []

THIS SPACE FOR ENTERING LIFT WEIGHTS ONLY

MAIN REDUCTION GEAR REVERSE TYPE
SERIAL NO. [] PSN []
MANUFACTURED BY []
CONT NO. [] UNIT []
AHEAD PIVON RATIO RPM SHP
LOW SPEED GEAR - AHEAD [] [] []
REVERSE [] [] []

THIS SPACE FOR ENTERING LIFT WEIGHTS ONLY

MAIN REDUCTION GEAR SINGLE REDUCTION
SERIAL NO. [] PSN []
MANUFACTURED BY []
CONT NO. [] UNIT []
PIVON GEAR RPM SHP

THIS SPACE FOR ENTERING LIFT WEIGHTS ONLY

REDUCTION GEAR
SERIAL NO. []
MANUFACTURED BY []
CONT NO. []
MAX RATED
PIVON GEAR RPM SHP
GEAR RPM SHP

SAME OF EQUIPMENT USED IN

Figure 4B - Typical reduction gears.

MIL-P-15024/5 (SHIPS)

IDENTIFICATION PLATE FOR COMBINED LP AND ASTERN TURBINE

MAIN TURBINE UNIT []	
SERIAL NO []	
FSN []	
MANUFACTURED BY []	
CONT NO []	
TECH. MANUAL-NAVSHIPS []	
AHEAD	ASTERN ELEMENT
[]	[]
TURBINE RPM []	
INLET PSIG []	OVERSPEED TRIP []
INLET TEMP °F []	EXH PRESS ABS []
U.S.	

THIS SPACE FOR LIFT WEIGHTS ONLY

IDENTIFICATION PLATE FOR AUXILIARY TURBINE
NAME OF EQUIPMENT TO BE USED IN →

TURBINE FOR []	
SERIAL NO []	
FSN []	
MANUFACTURED BY []	
CONT NO []	
TECH. MANUAL-NAVSHIPS []	
SPEED LIMITING []	
GOVERNOR SETTING []	
TYPE []	
MAX RATED RPM []	INLET PSIG []
MAX RATED SHP []	INLET TEMP °F []
EXH PRESS []	
RELIEF VALVE SETTING []	
BACK PRESS TRIP SETTING []	
OVERSPEED TRIP SETTING []	
U.S.	

IDENTIFICATION PLATE FOR CRUISING, HP AND HP-IP TURBINE

MAIN TURBINE UNIT []	
SERIAL NO []	
FSN []	
MANUFACTURED BY []	
CONT NO []	
TECH. MANUAL-NAVSHIPS []	
TURBINE SHP []	INLET PSIG []
TURBINE RPM []	INLET TEMP °F []
OVERSPEED TRIP []	EXH PRESS PSIG []
U.S.	

THIS SPACE FOR ENTERING LIFT WEIGHTS ONLY

IDENTIFICATION PLATE FOR SINGLE CASING (GEARED OR ELECTRIC DRIVE) TURBINE

MAIN TURBINE UNIT []	
SERIAL NO []	
FSN []	
MANUFACTURED BY []	
CONT NO []	
TECH. MANUAL-NAVSHIPS []	
TURBINE SHP []	INLET PSIG []
TURBINE RPM []	INLET TEMP °F []
OVERSPEED TRIP []	EXH PRESS ABS []
U.S.	

THIS SPACE FOR ENTERING LIFT WEIGHTS ONLY

NOTES:

1. All terminal conditions stamped on identification plates are for design full power, except for values of the separate cruising turbine which shall be for maximum cruising condition.
2. Each pressure stamped on an identification plate must, unless already apparent on plate, indicate the unit of pressure and whether or not value stamped is absolute, i.e., 25 in. hg., 10 p.s.i.g., etc.
3. The overspeed trip r.p.m. shall be entered in the appropriate block only for turbines equipped with overspeed trips.
4. For nuclear applications, the ranges of inlet pressures and temperatures shall be entered in the appropriate blocks.

Figure 4C - Typical turbines.

LUB. OIL COOLER TYPE
 MFRS SERVICE PART NO
 FSN
 MANUFACTURED BY
 CONT. NO.
 INSP DATE MFD SERIAL NO
 MAX TEST PRESSURES PS'G UNIT
 SHELL SIDE TUBE SIDE
 U S

THIS SPACE FOR NUMBERING BY
USING ACTIVITY WHEN REQUIRED

Figure 4K - Typical cooler or heater, to be used for lub. oil coolers, heaters, fresh water coolers, fuel oil heaters, coolers.

NAVAL SHIP SYS COMMAND
 CONT NO.
 YEAR COST
 MANUFACTURER
 SERIAL NO. MODEL
 STD. COM. CLASS. NO.
 NAVY ID. NO.
 NOMINAL CAPACITY
 VOLTAGE PHASE HERTZ

Figure 5 - Typical machine tools and industrial shop equipment.

MIL-P-15024/5 (SHIPS)

REQUIREMENTS

1. Marking format and information: See figures 1 through 5.
2. Service use: Plates shall be designed for normal service or severe service, as specified by the procuring activity.
 - (a) Normal service plates: The requirements for normal service plates shall be as specified in MIL-P-15024, types A through H.
 - (b) Severe service plates: The requirements for severe service plates shall be as specified in MIL-P-15024, types A, B, C, D and H except as follows:
 - (1) Materials: Except as permitted by equipment specifications, aluminum shall not be used for severe service plates. In addition to the other materials listed, nickel-copper alloy in accordance with QQ-N-281 may be used.
 - (2) Additional information: Additional information steel stamped on severe service plates shall be not less than 0.007 inch deep for corrosion-resisting steel plates, and not less than 0.015 inch deep for nickel-copper, brass, or aluminum alloy plates.
 - (3) Marking: In addition to the normal information required, each metallic severe service plate shall contain the words "DO NOT POLISH", except that for small plates mounted in a group, a separate plate of the same type and material shall be provided with the inscription "DO NOT POLISH METALLIC LABEL PLATES", in lieu of inscribing "DO NOT POLISH" on each plate.
 - (4) Safety and warning information: Safety and warning information on severe service plates shall be filled with red enamel paint.
 - (5) Etching and stamping: For severe service plates, etching shall be not less than 0.007 inch deep for corrosion-resisting steel plates, and not less than 0.015 inch deep for nickel-copper, brass, or aluminum alloy plates. For type C severe service plates, stamping shall be not less than .007 inch deep for corrosion-resisting steel plates and not less than .030 inch for nickel-copper, brass, or aluminum alloy plates.
 - (6) Dimensions of engraved or stamped severe service plates: The dimensions of engraved or stamped severe service plates shall be as follows.

Plate material	Minimum depth of engraving (Inch)	Minimum thickness of plate (Inch)
Plastic	0.003	0.0625
Brass or aluminum alloy	0.030	0.045
Nickel-copper-alloy	0.030	0.045
Corrosion-resisting-steel	0.007	0.030

3. Color style: The color style selected by the contractor shall be III or IV whichever is least costly to the Government for the particular application.
4. Ordering data: Specify whether for normal or severe service.

Preparing activity:
Navy - SH
(Project 9905-0178-05)