

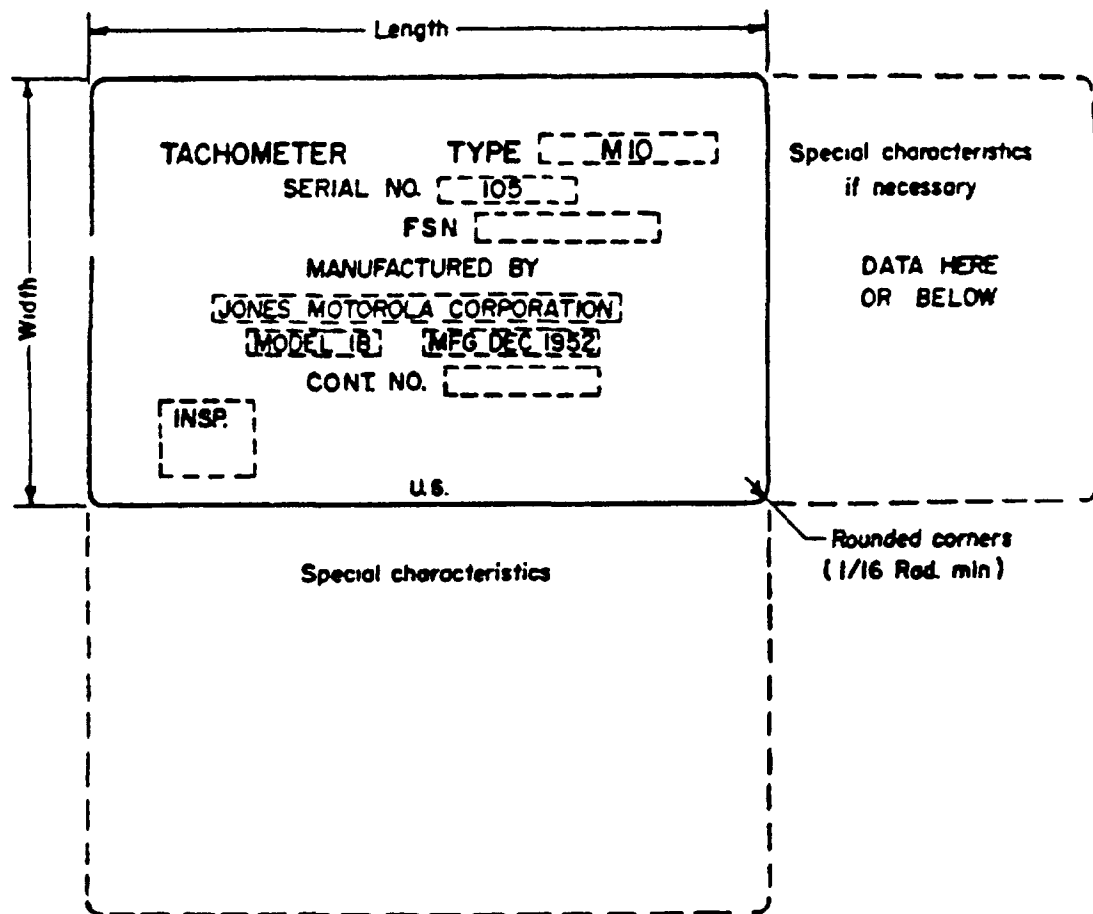
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MIL-P-15024/5 (SHIPS)
11 June 1971

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.

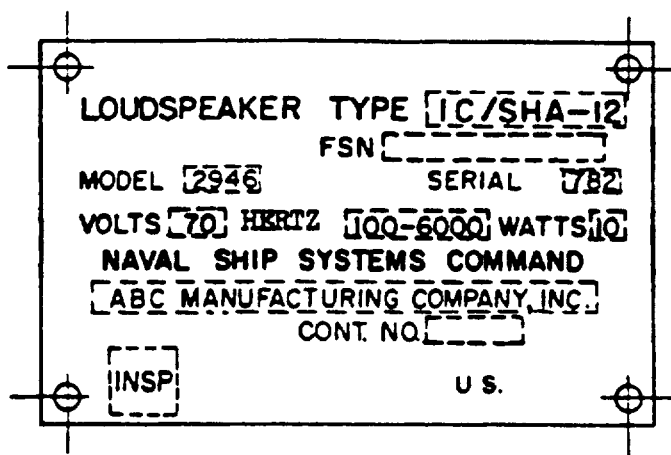


Figure 2A - Typical unit.

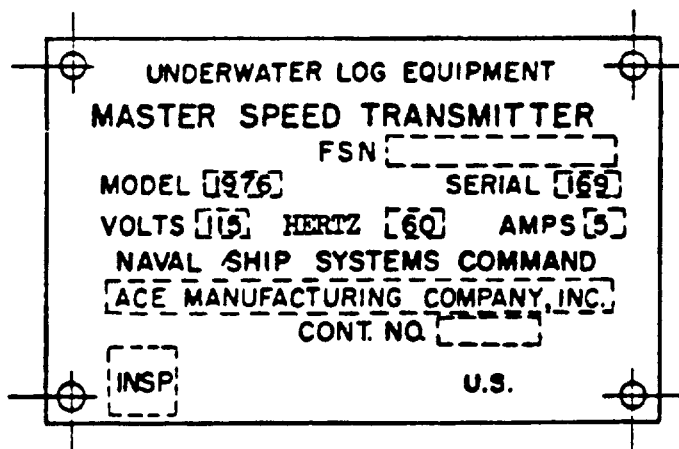


Figure 2B - Typical set.

MIL-P-15024/5 (SHIPS)

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.

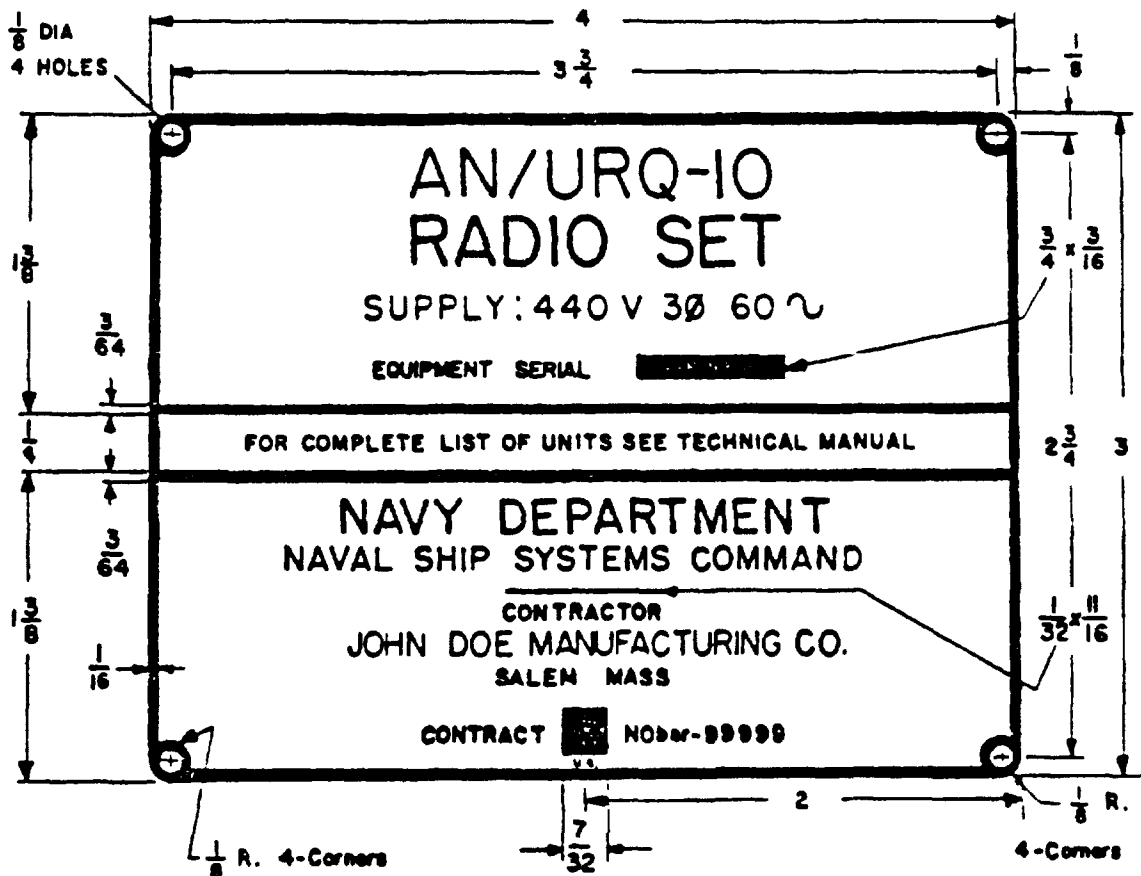


Figure 3A - Set.

MIL-P-15024/5 (SHIPS)

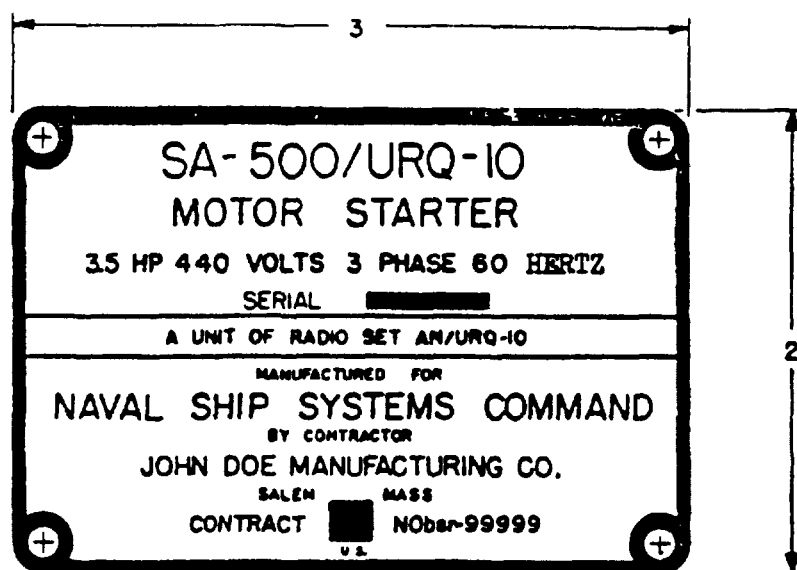


Figure 3B - Unit.

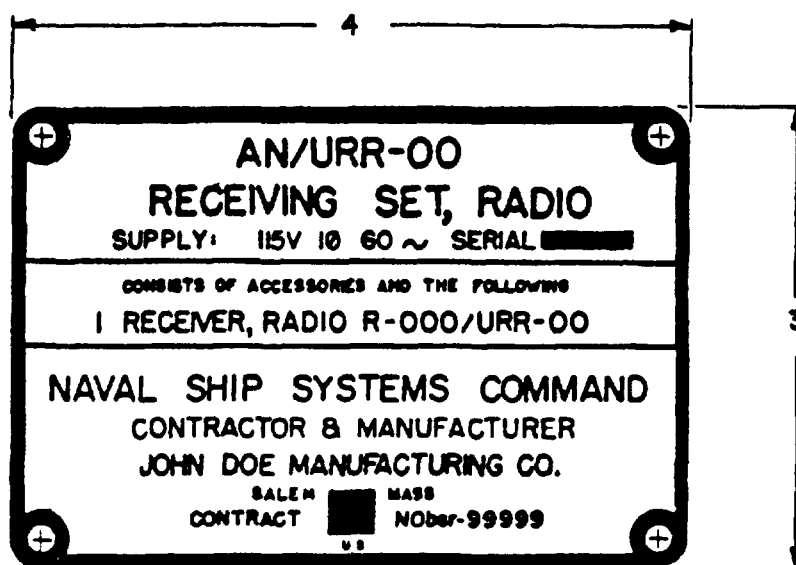


Figure 3C - Combination set and unit.

MIL-P-15024/5

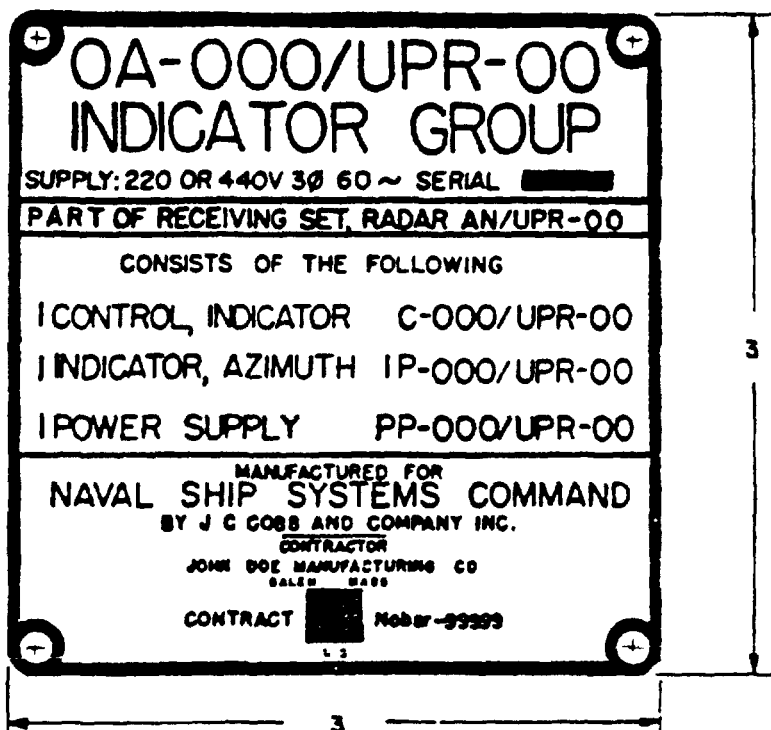
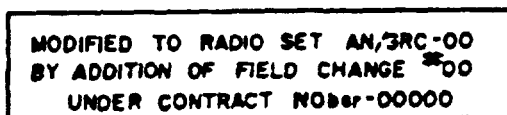


Figure 3D - Group.



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

[]

[]

[]

CONT NO. []

INSP []

TURBINE DATA

MODEL [] RPM []

STEAM. PSIG [] VACUUM HG []

STEAM TEMP []

GENERATOR DATA

MFR [] MODEL [] RPM []

KW [] VOLTS [] AC or DC []

U S

Figure 4A - Typical generator set.

MIL-P-15024/5 (SHIPS)

MAIN REDUCTION GEAR		DOUBLE REDUCTION	
SERIAL NO. []		PSN []	
MANUFACTURED BY []			
CONT NO. []		UNIT []	
HP PIVON	1ST RED.	RPM []	SNP []
LP PIVON	1ST RED.	RPM []	SNP []
MAIN GEAR	2ND RED.	RPM []	SNP []
[]			
U.S.			

THIS SPACE FOR ENTERING LIFT WEIGHTS ONLY

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

THIS SPACE FOR ENTERING LIFT WEIGHTS ONLY

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

THIS SPACE FOR ENTERING LIFT WEIGHTS ONLY

REDUCTION GEAR		NAME OF EQUIPMENT USED IN	
SERIAL NO. []		[]	
MANUFACTURED BY []			
CONT NO. []		UNIT []	
MAX RATES	RPM []	SNP []	
PIVON	RPM []	SNP []	
GEAR	RPM []	SNP []	
U.S.			

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 S/M ASTERN ELEMENT		
TURBINE RPM []		
OVERSPEED TRIP []		
INLET PSIG []		
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 []	
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 []	
TURBINE RPM []	
OVERSPEED TRIP []	
INLET PSIG []	
INLET TEMP °F []	
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 []	
TURBINE RPM []	
OVERSPEED TRIP []	
INLET PSIG []	
INLET TEMP °F []	
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.

MIL-P-15024/5 (SHIPS)

BOILER NO. []
SERIAL NO [] FSN []
MANUFACTURED BY []
[] INSP CONT. NO. []
DESIGN PRESS. [] PSI DESIGN STEAM TEMP [] °F
MAX. STEAM DRUM PRESS [] PSI HYDROSTATIC TEST PRESS [] PSI
AUTHORIZED SAFETY VALVE SETTING PSI
POPPING RESEATING POPPING RESEATING
DRUM VALVE NO. 1 [] DRUM VALVE NO. 2 []
DRUM PILOT VALVE [] SUPERHEATER VALVE []

U S

AUXILIARY BOILER TYPE [] [] []
SERIAL NO. [] [] [] [] [] [] [] []
FSN [] [] [] [] [] [] [] []
MANUFACTURED BY [] [] [] [] [] [] [] []
[] [] [] [] [] [] [] []
[] [] [] [] [] [] [] []
INSP [] [] [] [] [] [] [] []
CONT. NO. [] [] [] [] [] []
DESIGN PRESS [] [] PSI OPERATING PRESS [] [] PSI
HYDROSTATIC TEST PRESSURE [] [] PSI
SAFETY VALVE SETTING [] [] PSI
ELECTRICAL CHARACTERISTICS [] [] VOLTS (AC OR DC)
U.S.

Figure 4D - Typical boilers.

MIL-P-15024/5 (PS)

CONDENSER		TYPE []	
SERIAL NO []		FSN []	
MANUFACTURED BY []			
CONT NO. []			
INSP []	HYDROSTATIC TEST PRESSURE		UNIT []
	SHELL AND WATER BOXES [] PSIG		
	SHELL AFTER TUBING [] PSIG		
	TUBE MATERIAL []	NUMBER OF PASSES []	
	WATER VELOCITY []	FT/SEC AT []	GPM
	COOLING SURFACE []		SQ FT
U S			

REFRIGERATING CONDENSER			
SERIAL NO []		FSN []	
MANUFACTURED BY []			
INSP []	CONT NO []		
	[] REFRIGERANT		
CONDENSING SIDE		WATER SIDE	
TEST PRESS [] PSIG		TEST PRESS [] PSIG	
SHELL DIA []	TUBE LENGTH []	NO. PASSES []	
WATER VELOCITY []	FT/SEC AT []	GPM	
COOLING SURFACE []		SQ FT	
U. S.			

Note: Identification plates shall be soft soldered to tank or receiver

Figure 4E - Typical condensers.

MIL-P-15024/5 (SHIP)

COMPRESSOR		SERVICE	
SERIAL NO			
FSN			
MANUFACTURED BY			
INSP		CONT NO.	
TYPE	BORE	STROKE	
NO. CYL		RPM	
CAP	BTU/HR AT °F SUCT AND		
	°F CONDENSING TEMPERATURE		
TEST PRESSURE		PSIG	
WORKING PRESSURE		PSIG	
U S			

Figure 4F - Typical compressor.

TANK OR RECEIVER, TYPE	
SERIAL NO	
FSN	
MANUFACTURED BY	
INSP	CONT NO
HYDROSTATIC TEST PRESS	
CAPACITY	
SHELL DIA	LENGTH
U.S	

Note: Identification plate shall be
soft soldered to tank or receiver

Figure 4G - Typical tank or receiver.

Figure 4H - Typical diesel engine.

Figure 4J - Typical forced draft blower.

MIL-P-15024/5 (SHIPS,

LUB. OIL COOLER		TYPE	
MFRS SERVICE PART NO			
FSN			
MANUFACTURED BY			
CONT. NO.	DATE MFD	SERIAL NO	
INSP			
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. [REDACTED]			
YEAR [REDACTED]	COST [REDACTED]		
MANUFACTURER [REDACTED]			
[REDACTED]			
SERIAL NO. [REDACTED]	MODEL [REDACTED]		
STD. COM. CLASS. NO. [REDACTED]			
NAVY ID. NO. [REDACTED]			
NOMINAL CAPACITY [REDACTED]			
VOLTAGE [REDACTED]	PHASE [REDACTED]	HERTZ [REDACTED]	

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	Minimum thickness of plate
	(Inch)	(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)