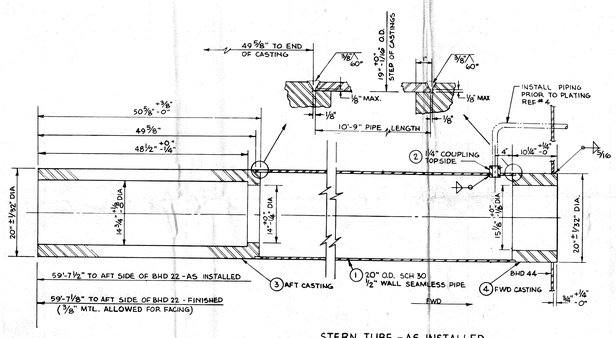
SUBSTITUTE FOR MISSING OR ILLEGIBLE

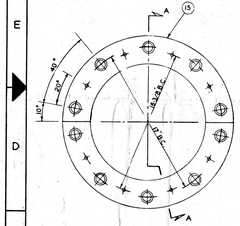


STERN TUBE - AS INSTALLED PRIOR TO BORING & FACING

SECTION THROUGH ℄

SCALE: 1½"=1'-0"

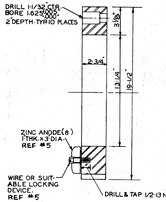
CASTINGS ROUGH MACHINED TO 250



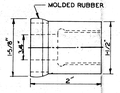
DETAIL 12-A

DEMOUNTABLE HEAD ASSY.

SCALE: 3"=1'-0"

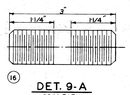


SECT. A-A



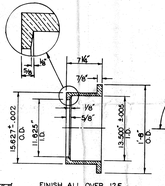
DET 10-A

SCALE: FULL

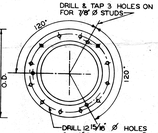


DET. 9-A

SCALE: FULL

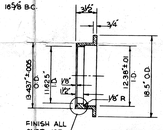


FINISH ALL OVER 125



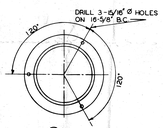
STUFFING BOX ⑥

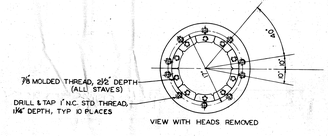
SECTION THROUGH ℄ END VIEW

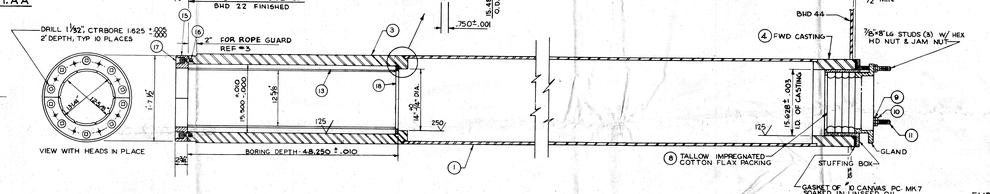


STUFFING GLAND ⑤

SECTION THROUGH ℄ END VIEW

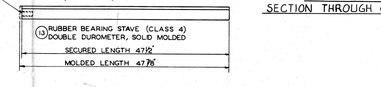






STERN TUBE ASSEMBLY

SECTION THROUGH ℄ BORED & FACED



END VIEW OF FWD CASTING

REFERENCES

NO	TITLE	DRAWING NUMBER MMC	DRAWING NUMBER NAVSHIPS
1	PROPELLER FAIRWATER & CAP	020	203-4442389
2	SHAFTING ARR	021	203-4442386
3	SHAFT COUPLING DET-TAIL SHAFT & BRG SPRT	0 2	203-4442387
4	ENG COOLING WATER & AIR COND PIPING	025	209-4442393
5	CATHODIC PROTECTION	081	600-4442435

REVISIONS

ZONE/LTR	DESCRIPTION	DATE	CONTR	USN	APPD	CONTR	USN
	THIS DRAWING DEVELOPED FROM NAVSHIP DRAWING NO 203-4382835						
	APPROVED BY ABS LTR. FILE REF. TB-2 OF 3-9-72 BY E. SCHOENFELD	3-23-72			MHS		

GENERAL NOTES

1. ALL WELDING TO BE IN ACCORDANCE WITH CURRENT ABS RULES.

ITEM NO	QTY REQ	CODE IDENT	PART NO	SYMBOL	DESCRIPTION	MAT'L	SPEC NO	REMARKS	GR NO	UNIT WT LBS
18	1				PLATE-3/4" FINISHED	STEEL	ABS	RETAINING RING		
17	10				PLUG LOCK NUT-1"-NC-8 STD THD.			" PN 1000		
16	10				STUD-STD 1"-NC-8 x 3" LG. 1¼" THD-EA END	CRES 304		" ST. 1000		
15	1-SET				DEMOUNTABLE HEAD ASSY. (2-180)	STEEL		JOHNSON RUBBER CO. DH 30020		
14										
13	10				STAVE BEARING SET-MOLDED LENGTH 47 7/8" DOUBLE DUROMETER-SOLID MLD	RUBBER CL 4	COM'L	JOHNSON RUBBER CO. L 1212-1512 X10	203	59
12	12				CAP SCREW-HEX HD ⅞"-9 HC x 2¼" LG					
11	3				STUD 7/8"-DIA 9 NC x 8" LG THD. FULL LENGTH					
10	3				HEX JAM NUT ⅞" DIA 9 NC					
9	3				HEX NUT ⅞" DIA 9 NC	TOBIN BRONZE				
8	24 LIN FT				1"SQ PACKING - TALLOW IMPREGNATED	COTTON FLAX	COM'L			
7	1				GASKET 10 CANVAS x 6-5/8" ID x 20" O.D.	CANVAS				
6	1				STUFFING BOX	CAST BRONZE	COM'L		203	147
5	1				STUFFING GLAND	CAST BRONZE	COM'L		203	62
4	1				FWD STERN TUBE CASTING	STEEL			203	398
3	1				AFT STERN TUBE CASTING	STEEL	ABS GR.		203	1980
2	1				COUPL. 14" I.P.S. 2000# SOCKET WELD	FORGED STEEL				
1	1				20" O.D. SCH 30 - 1/2" WALL SEAMLESS PIPE	STEEL	ABS GR.			

PARTS LIST

WEIGHT & CENTER OF GRAVITY BLOCK

WEIGHT GROUP	WEIGHT LBS	LCG ABOVE BL'WAY OF ℄ AFT OF ℄ FT	TRANSV CG PORT FT	STBD FT
203	43.76	6.50 — 37.02	—	—

CONTR NO C-0216
MARINETTE MARINE CORP
MARINETTE WISCONSIN

CONTRACTION DWG NO
019

	DATE
DRAWN R.E.W.	2-21-72
CHECKED D.J.M.	2-21-72
APPROVED M.H.S.	2-22-72

DEPARTMENT OF THE NAVY
NAVAL SHIPS SYSTEM COMMAND
WASHINGTON, D.C.

109 FT HARBOR TUG-LARGE-YTB
FT. MYER CLASS - 836 SERIES

STERN TUBE & STUFFING BOX

SF 21 CODE ID NO	NAVSHIPS DRAWING NO.	REV
H 80064	203-4442388	

SCALE: 1½"=1'-0" SHEET 1 OF 1

203-4442388

PLAN DISTRIBUTION

REVISION	
NAVY	✓
ABS	
LOFT	
ELEC	
FOREMAN	
PIPE	
PLATE	
SHT. MTL.	
PREFAB	
ERECTN	
MACH	
INSPECTN	✓
R&S	

SBRS A4ES 608 BTY

019