

DESIGN DIVISION INSTRUCTIONS

PHILADELPHIA NAVAL SHIPYARD

PHILANSY 9020 2 (REV 4-83)

DATE 7-3-85  
 DDI 641-7198 REV. \_\_\_\_\_

JOB ORDER CODE 14-008-31111-S JOB WORDING INSTALL L.O. SUMP DIPSTICK SSTG

HULL/PROJECT <u>USS INDEPENDENCE (CV-62)</u>		SHIPALT	PURPOSE <input type="checkbox"/> RESERVATION <input type="checkbox"/> HOLD-UP <input type="checkbox"/> RELEASE <input type="checkbox"/> ANDC <input type="checkbox"/> DRAWING REV. <input type="checkbox"/> TEST SPEC REV. <input checked="" type="checkbox"/> INSTR TO P&E <input type="checkbox"/> NONCONFORMANCE REPORT NO. _____		
DISTRIBUTION	DDI	ENCLOSURES	WORK LIST ITEM		
		1 2 3 4 5	SURVEY REPORT		
C.O./P.C.O.	1		(Other than struct)		

NAVSEC AUTHORITY SWLIN 31111A-8A PREPARED BY K. Goldberg APPROVED BY \_\_\_\_\_  
 Item 2.03 EXT. 3944/3625 M. R. TSCHIDA FOR PLANNING OFFICER

NAVSEA		ENCLOSURES:	COMMENTS:
		(1)	THIS DDI <u>N/A</u>
CHASN		(2)	<input type="checkbox"/> WILL BE INCLUDED IN REVISION _____ TO _____
L. BEACH		(3)	<input type="checkbox"/> WILL BE ISSUED AS SUPPLEMENTAL
MARE		(4)	DWG NO. _____
NORFOLK		(5)	SCHEDULED ISSUE DATE _____

THIS DDI CONCERNS  MIC     SAIP     NDT

THIS HOLD-UP/RESERVATION WILL BE RELEASED \_\_\_\_\_ (Date)

**RECORD OF WEIGHT CALCULATIONS**

WEIGHT GROUP	WEIGHT IN POUNDS		V.C.G. AB BASE	LCG FROM MP		TCG FROM E	
	ON	OFF		FWD	AFT	PORT	STBD.
190	1						
229.2	1						
136.1	1						
136.2	1						
202.2 SD1	1						
239.2	3						
243	1						
244.1	1						
251	1						
252							
253							
261							
262							
263							
264							
271							
272							
3							
274							
TOTAL							

**INSTRUCTIONS**

## INSTRUCTIONS

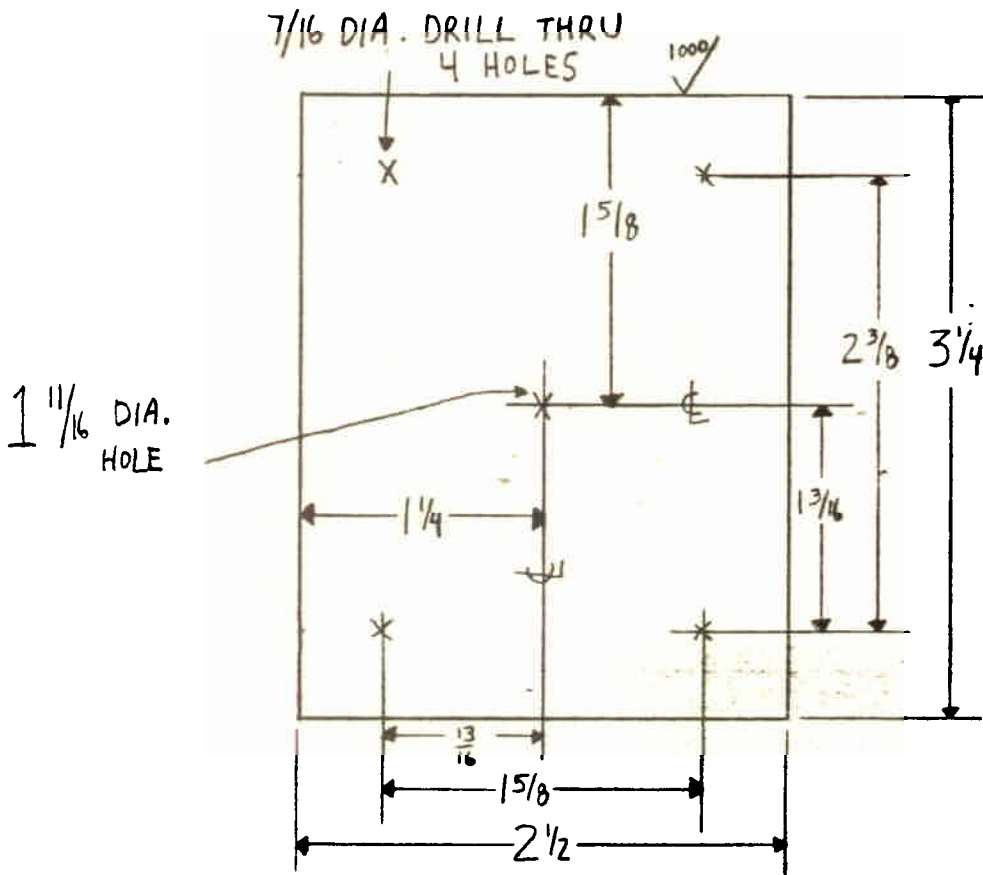
Route Shops to accomplish the following:

1. **Manufacture all pieces according to specifications in accompanying drawings (Sheets 3, 4, 5, 6) and Material List.**
2. **Remove existing dipstick access hole flange. Save all mounting hardware (nuts and washers). They are to be used for mounting the new housing.**

NOTE: Pcs. 7 & 8 are provided in case any hardware is misplaced or damaged.

3. **Install new bayonet gage assembly.**
4. **Drill and tap bedplate for fastening of sash chain. Screw (using Pc. 10) chain into bedplate and secure using Pc. 13.**
5. **Bolt other end of chain onto Pc. 6 using Pcs. 11 & 12. Secure with Pc. 13.**
6. **With gage pipe installed, normal oil level is to be scribed on the bayonet gage so that it is 26" below the turbine shaft centerline. (See Sheet 7)**
7. **Maximum and minimum levels are to be scribed 1" above and below the normal level.**
8. **High and low oil levels are to be marked appropriately with an H or L.**

NOTE: Oil tank capacity is 140 gallons.



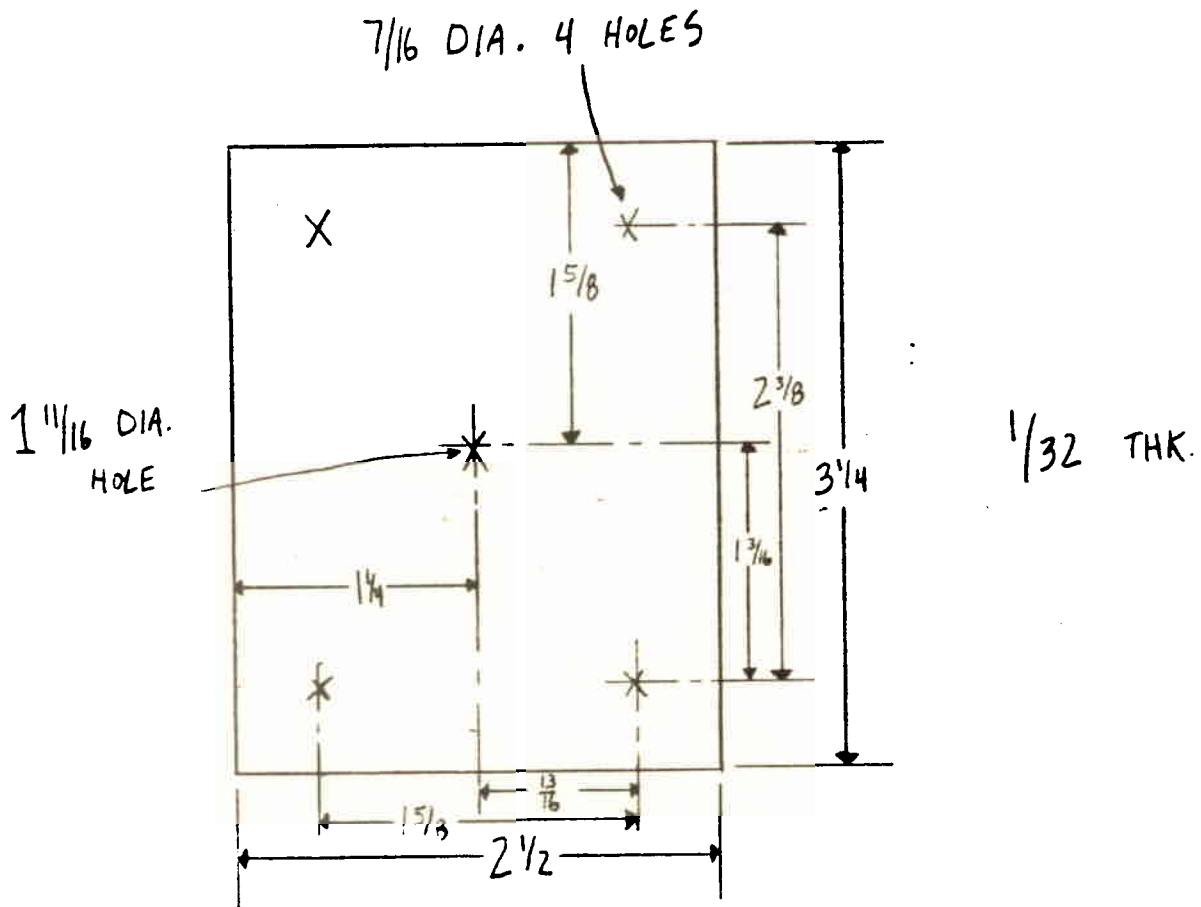
125/ FINISH ONE SIDE

250/ FINISH OTHER SIDE

MATERIAL: STL BAR B4AZC  
3/4 THICK ± 1/16

PC.1 FLANGE (BAYONET GAGE)

SIZE	CODE IDENT NO.	SWBS/COST	NAVSEA DR NO	REV.
A	53711	DDI	641-7198	
SCALE FULL			SHEET 3 of 4	



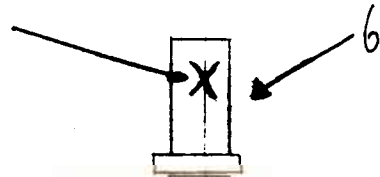
GASKET

NAVY MATERIAL : MIL-A-17472

PC. 2

SIZE	CODE IDENT NO.	SWBS/COST	NAVSEA DR NO	REV.
A	53711	DDI	641-7198	
SCALE FULL			SHEET 4 of 9	

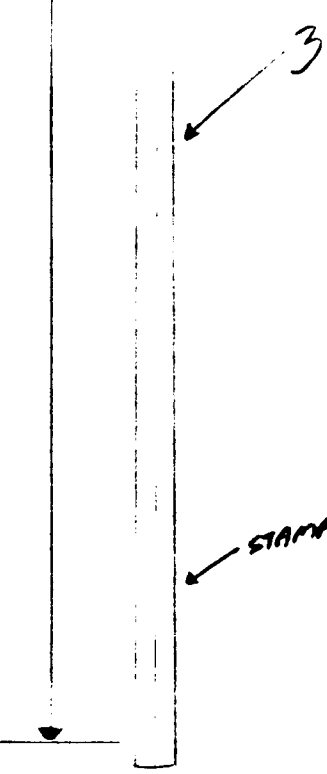
1/4" DIA. HOLE THRU



BAYONET



20"

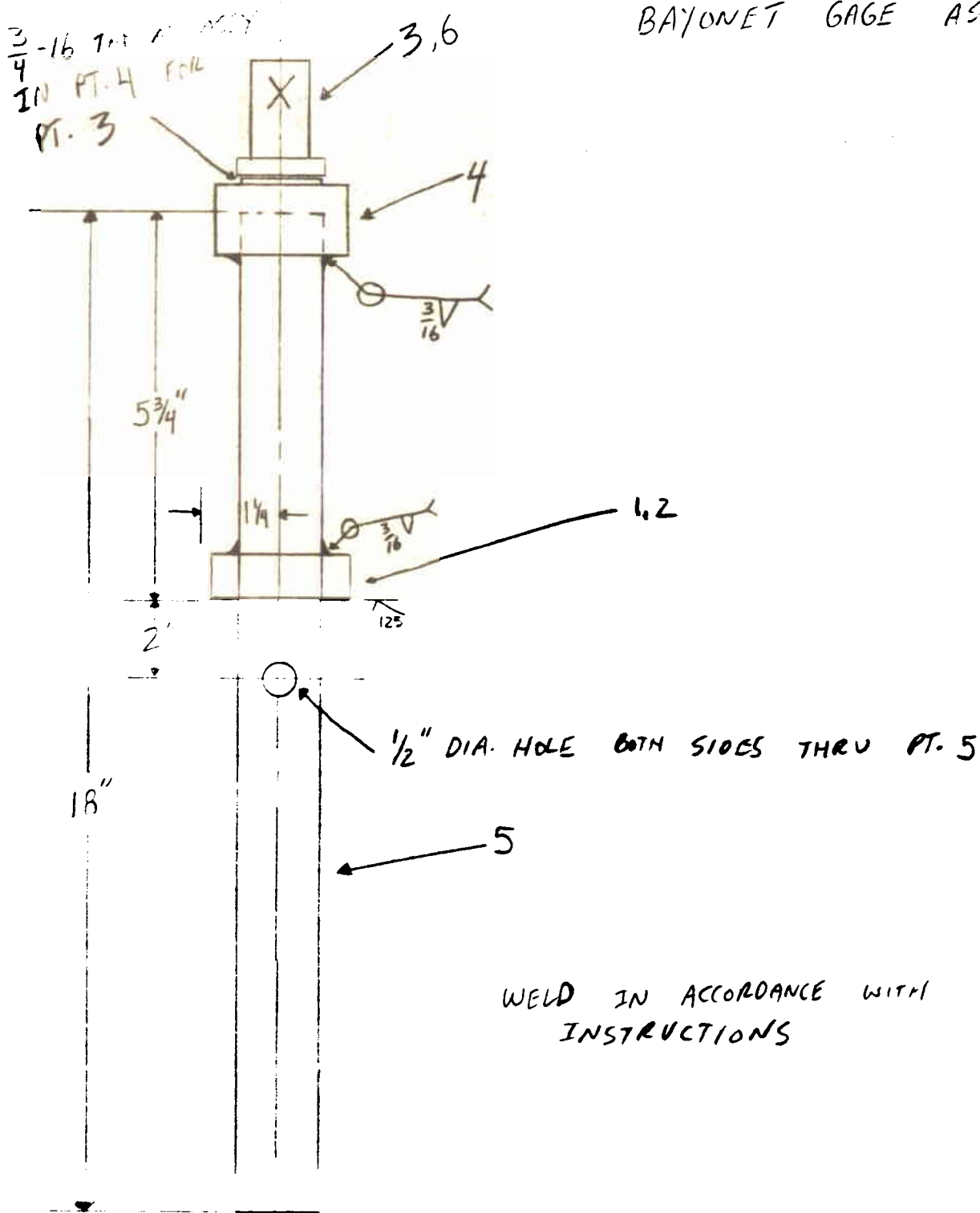


STAMP OIL LEVELS

1/4"

SIZE	CODE IDENT NO.	SWBS/COST	NAVSEA DR NO	REV.
A	53711	DDI	641-7103	
SCALE NONE			SHEET 5 of 9	

# BAYONET GAGE ASSEMBLY



WELD IN ACCORDANCE WITH CODE 138 INSTRUCTIONS

SIZE	CODE IDENT NO.	SWBS/COST	NAVSEA DR NO	REV.
A	53711	DDI	641-7198	
SCALE NONE			SHEET 6 of 9	

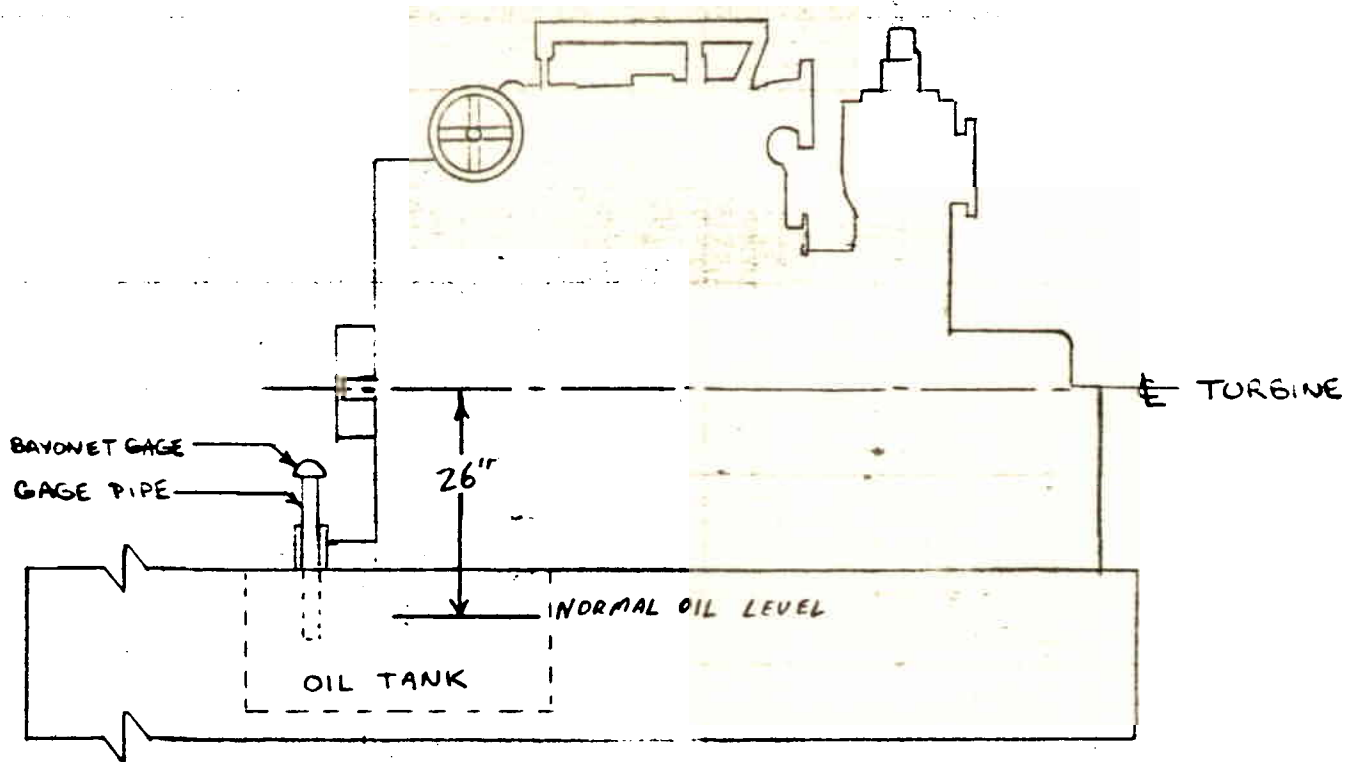


FIG. 7

SIZE	CODE IDENT NO.	SWBSICOST	NAVSEA DR NO	REV.
A	53711		5641-7198	-
SCALE NONE			SHEET 7 of 9	

LIST OF MAT'L - QTY FOR ONE SHIT

SOURCE	PT	DESCRIPTION	QTY	MAT'L SPEC	DWG NO	REMARKS
P+E PROV.	1	FLANGE	8	STL. NIL-S-20166		2 1/2 x 3 1/4 x 3/4
P+E PROV.	2	GASKET	8	ASBESTOS NIL-A-17472		2 1/2 x 3 1/4 x 1/32
P+E PROV.	3	BAYONET	8	STL. NIL-S-20166		1/4 x 1/4 x 20
P+E PROV.	4	PIPE CAP	8	STL. NIL-P-15622		1 1/4 IPS STL-SOCKET WELD JOINT
P+E PROV.	5	PIPE	8	STL. NIL-P-15622		1 1/4 IPS x 18 LG.
P+E PROV.	6	KNOB	8	STL. NIL-P-15622	ASHPIS 3247725	G.E. DRAWING # E-9484975
P+E PROV.	7	3/8" DIA. NUT	32	B-16 NIL-S-12226		3/8" DIA. 16 UNC
P+E PROV.	8	WASHER	32	CS		1 1/32" I.D. 1 1/4" O.D. .125" THICK

SIZE	CODE IDENT NO.	SWBS/COST	NAVSEA DR NO	REV.
A	53711	DDI	641-7198	
SCALE			SHEET 8 of 9	



LIST OF MAT'L - QTY FOR ONE SHIT

SOURCE	QTY	DESCRIPTION	QTY	MAT'L SPEC	DWG NO.	REMARKS
P+E PROV	9	SASH CHAIN #8	8	CS	5764275	STOCK NO 4010-228-9920 36" LONG
P+E PROV	10	SCREW 1/4" DIA.	8	STL.	00-S-763	1/4" DIA 3/4" LG 40 UNF
P+E PROV	11	BOLT 1/4" DIA	8	B-16	01L-S-12226	1/2" LG 40 UNF
P+E PROV	12	NUT 1/4" DIA	8	B-16	01L-S-12226	40 UNF
P+E PROV	13	LOCKING COMPOUND	1	-	01L-S-22473	FACE NO. 6030-081-2333

SIZE	CODE IDENT NO.	SWBS/COST	NAVSEA DR NO	REV.
A	53711	DDI	641-7198	
SCALE			SHEET 9 of 9	