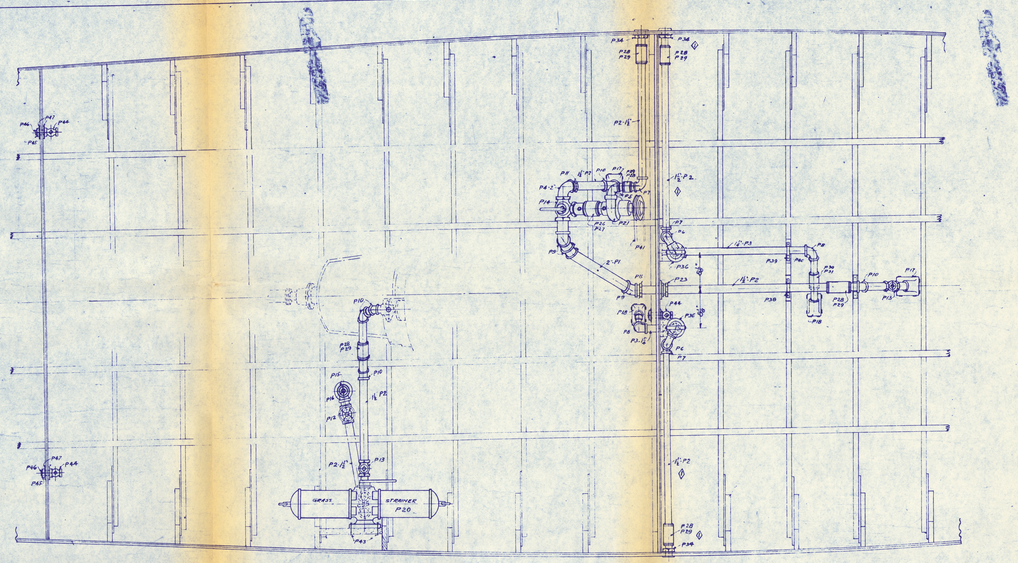
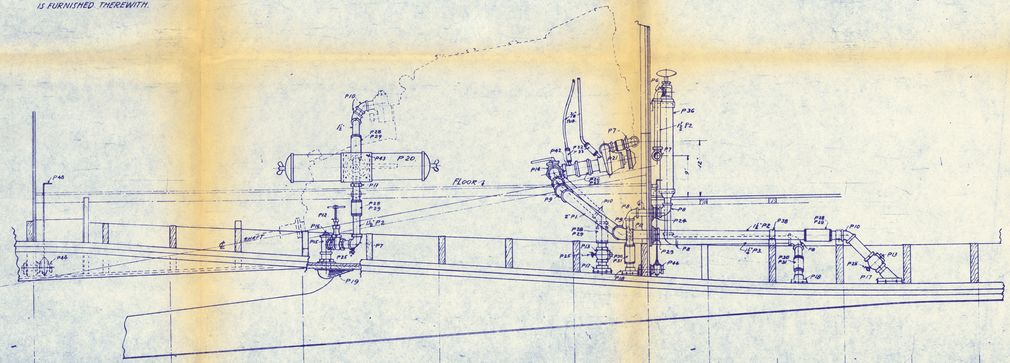
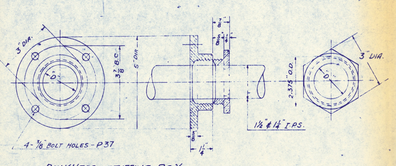


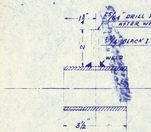
NOTE:
SALT WATER DISCHARGE SYSTEM IS AN INTEGRAL PART OF ENGINE AND IS FURNISHED THEREWITH.



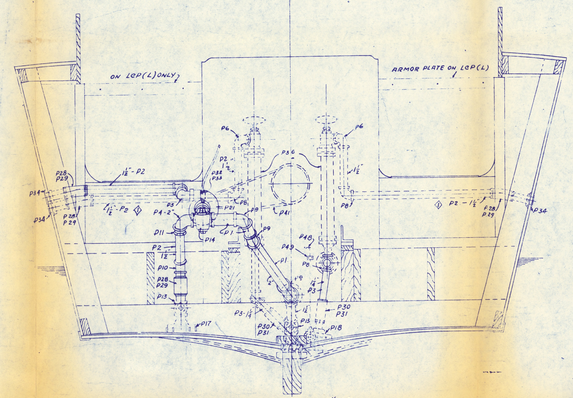


4-7/8 BOLT HOLES - P37

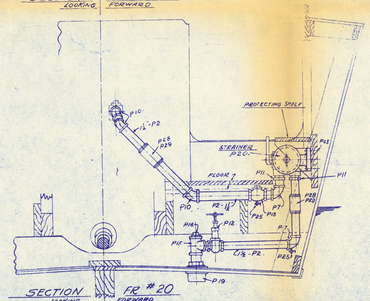
BULKHEAD STUFFING BOX
ONE WANTED WITH "D" 1 15/16 DIA FOR PO Nº P23.
ONE WANTED WITH "D" 1 1/16 DIA FOR PO Nº P24.



2" BLACK IRON PIPE NIPPLE
PO Nº 42
SCALE: HALF SIZE



SECTION LOOKING FR Nº 16 FORWARD



SECTION LOOKING FR Nº 20 FORWARD

LIST OF MATERIAL FOR ONE CRAFT

PIECE Nº	QUANTITY	SIZE	FITTING	TYPE	MATERIAL	SPECS	REMARKS
P1	2-6	2" I.P.S.	PIPE	STD W.	WRO I. GALV	COMML	FOR NIPPLES
P2	28-0	1½ I.P.S.	PIPE	STD W.	WRO I. GALV	COMML	FOR NIPPLES
P3	12-0	1¼ I.P.S.	PIPE	STD W.	WRO I. GALV	COMML	FOR NIPPLES
P4	1	2"	STREET ELL	90°	MALL I. GALV	COMML	
P5	1	1½"	STREET ELL	90°	MALL I. GALV	COMML	
P6	2	1½"	STREET ELL	90°	MALL I. GALV	COMML	
P7	5	1½"	ELL	90°	MALL I. GALV	COMML	
P8	4	1¼"	ELL	90°	MALL I. GALV	COMML	
P9	3	2"	ELL	45°	MALL I. GALV	COMML	
P10	5	1½"	ELL	45°	MALL I. GALV	COMML	
P11	4	2 x 1½"	RED BUSH	STD	MALL I. GALV	COMML	
P12	1	1½"	VALVE	GATE	BRASS	COMML	
P13	3	1¼"	CHECK VALVE	SWING	BRASS	COMML	
P14	1	2"	3-WAY COCK	3GR	BRASS	STRAIGHT	WITH WAY 90° PLUG
P15	1	1½	TEE	STRAIGHT	MALL I. GALV	COMML	
P16	1	1½"	PIPE PLUG		MALL IRON	COMML	
P17	2	1½"	SUCT. STRAINER		BRONZE	COMML	SEE ALSO PO WRO-S NO P-1448 WILLIS NO P-1449
P18	2	1¼"	SUCT. STRAINER		BRONZE	COMML	TO EQUAL "GUSHER" OR EQUAL
P19	1	1½"	INTAKE SCOOP		BRASS	COMML	TYPE 66 (PARK-O) OR EQUAL
P20	1	2"	GRASS STRAINER		BRONZE	COMML	GROSS OR EQUAL
P21	1	150 GAL.	BILGE PUMP		BRONZE	COMML	SUPPLIED WITH ENGINE
P22							
P23	1	1⅞" I.P.S.	END STUFFING	BOX	BRASS	COMML	SEE DETAIL
P24	1	1¼" I.P.S.	END STUFFING	BOX	BRASS	COMML	SEE DETAIL
P25	4	¼" I.P.S.	PLUG COCK		BRASS	COMML	
P26	1	2 1/16 I.D.	FLEX. HOSE	5-PLY	RUBBER	T&R SPEC 501	4' LONG
P27	2	2 3/4 I.D.	HOSE CLAMP		STEEL GALV	COMML	FOR P26
P28	8	1⅞ I.D.	FLEX. HOSE	5-PLY	RUBBER	T&R SPEC 501	6' LONG
P29	16	2 3/4 I.D.	HOSE CLAMP		STEEL GALV	COMML	FOR P28
P30	2	1⅝ I.D.	FLEX. HOSE	5-PLY	RUBBER	T&R SPEC 501	6' LONG
P31	4	2" I.D.	HOSE CLAMP		STEEL GALV	COMML	FOR P30
P32	2	¾ I.D.	FLEX. HOSE	3 PLY	RUBBER	T&R SPEC 501	4' LONG
P33	4	¾" I.D.	HOSE CLAMP		STEEL GALV	COMML	FOR P32
P34	3	1½ I.P.S.	TWO WAY MALL CONN		BRONZE		NAVSHIPS 90183 WILLIS OR EQUAL
P35							
P36	2	¾ I.P.S.	HAND BILGE PUMP		BRONZE	COMML	WILLIS P1483 OR EQUAL
P37	16	5/8 X 1 1/2 14	HEX BOLTS	W NUTS	BRASS	COMML	FOR P23, 24 & 36
P38	1	1½ I.P.S.	PIPE STRAP		GALV IRON	COMML	⅞ X 1¼ X 8 LONG
P39	1	1¼ I.P.S.	PIPE STRAP		GALV IRON	COMML	⅞ X 1¼ X 8 LONG
P40	4	¼ X 1¼	WOOD SCREW	R.H.D.	BRASS	COMML	FOR P6 TO P38
P41	1	V BELT					SUPPLIED W/ ENGINE
P42	1	2 I.P.S.	SPECIAL NIPPLE		BLACK IRON	COMML	SEE DETAIL
P43	4	⅝ X 3 11/16	HEX BOLTS	W NUTS	GALV IRON	COMML	FOR P20
P44	1	1" I.P.S.	STOP COCK	3GR	BRASS	COMML	FOR SLUICE VALVE
P45	1	1" I.P.S.	PIPE NUT		BRASS	COMML	
P46	1	1" I.P.S.	NIPPLE		BRASS	COMML	2¼" LONG
P47	8	1⅝" I.D.	WASHER		BRASS	COMML	
P48	3	½" ROD	COCK EXTENSION		STEEL	COMML	LENGTH TO SUIT
P49	3	1 x 4 x ⅜	SUPPORT		FLAT IRON	COMML	FOR P48
P50	6	¾"	SCREWS	R.H.	BRASS	COMML	FOR P49

8961

NOTE:
SLUICE VALVE SHALL BE FITTED AT BULKHEAD FRAME 4 NEAR THE CENTER LINE SIMILAR TO THE INSTALLATIONS AT FRAME 15 & 24 BUT WITHOUT THE EXTENSION ROD.

NOTE:
CROSS FILE FOR LCP (R) AND LCP (L)

ALTERATIONS

MARK	DATE	DESCRIPTION	APPROVED
1	18 OCT 1944	CHANGED HAND BILGE PUMP FROM PUMPS TO 1½" AND INDICATED BILL OF MATERIAL	

GENERAL NOTES

THIS DRAWING APPLIES TO BOTH CLASSES, LCP(R) AND LCP(L)

REFERENCE DRAWINGS:

	BUREAU Nº
ENGINE & BED MOUNTINGS	LCP(R) 8952
FUEL TANK DETAILS	LCP(R) 8959
FUEL PIPING SYSTEM	LCP(R) 8960
EXHAUST PIPE SYSTEM & DETAILS	LCP(R) 8963

DRAWN BY: R.A.D.
TRACED BY:
EXAMINED BY: E.M.
IN CHARGE: NAVAL
DATE: 9/6/44
PRINCIPAL ENGINEER

36 FT.
LANDING CRAFT PERSONNEL
LCP(R) & LCP(L)

ARRANGEMENT OF
BILGE PUMP & SALT WATER COOLING
PIPING SYSTEM

SCALE: 1½" = 1'-0"

NAVY DEPARTMENT
BUREAU OF SHIPS
WASHINGTON, D.C.

SEPTEMBER 6 1944
W.M. Black
FOR CHIEF OF BUREAU

BUREAU OF SHIPS NUMBER
LCP(R) — 8961 ALT 1

LCP(R)-8961 ALT 1

Fig 1