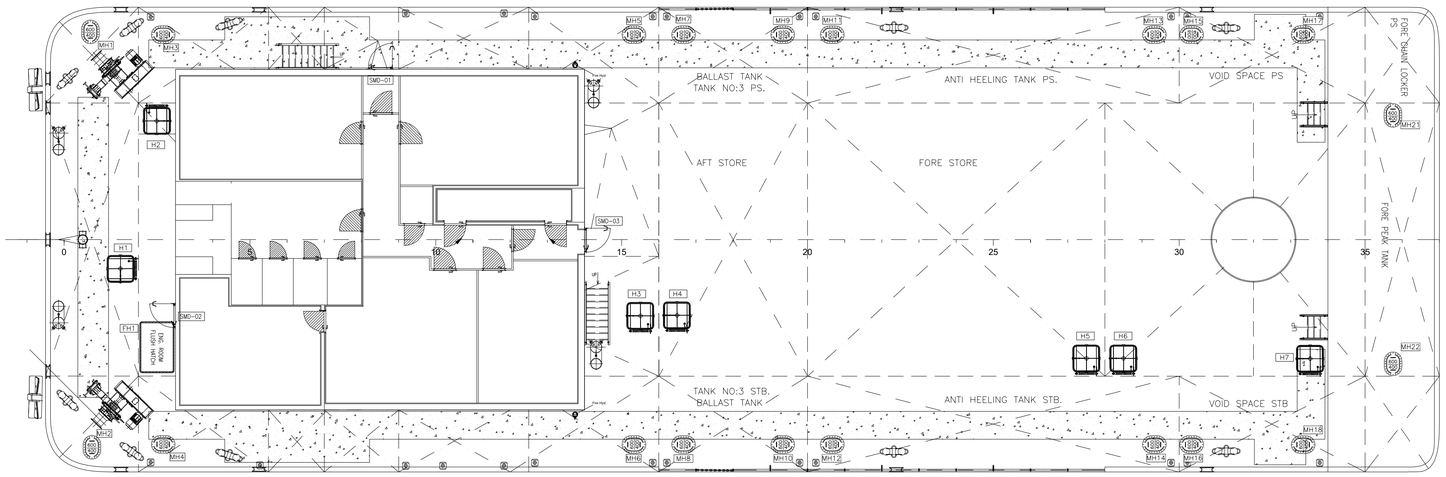
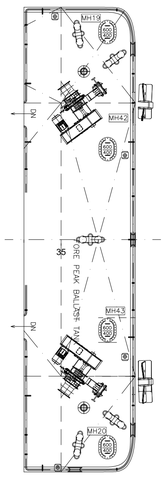
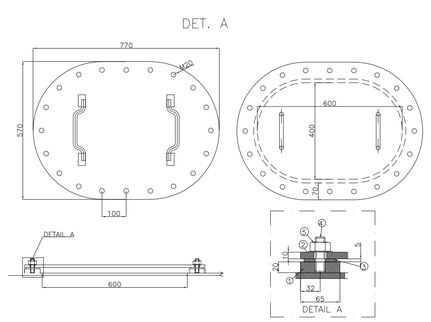


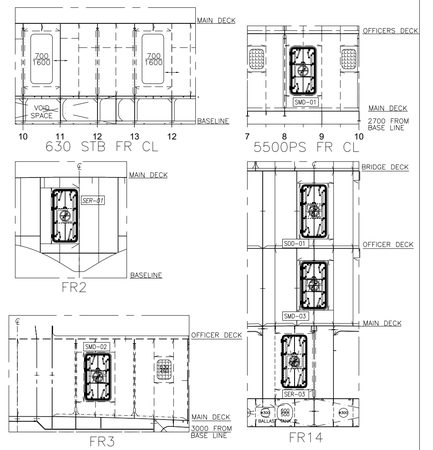
MAIN DECK PLAN VIEW

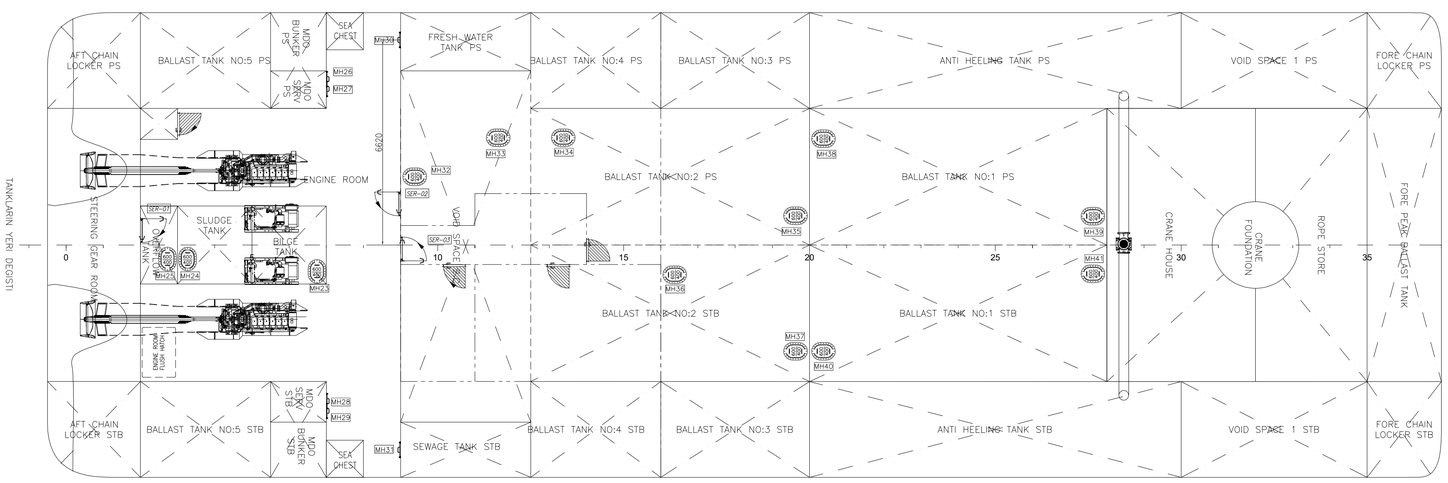


FORECASTLE DECK PLAN VIEW

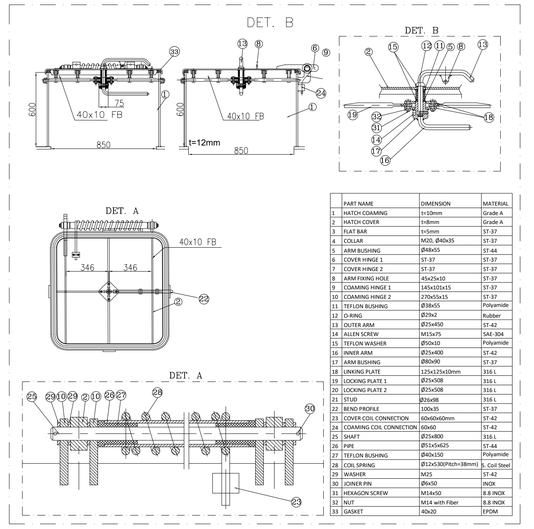


NO	COMPONENT	MATERIAL	DIMENSION	PIECE	NOTE
1	COAMING PLATE	STEEL (A GRADE)	20 mm TH.	1	–
2	COVER PLATE	STEEL (A GRADE)	10 mm TH.	1	–
3	GASKET	NEOPRENE	5 mm TH.	1	–
4	STUD	AISI 316		20	M20x60
5	NUT	AISI 316		20	M20

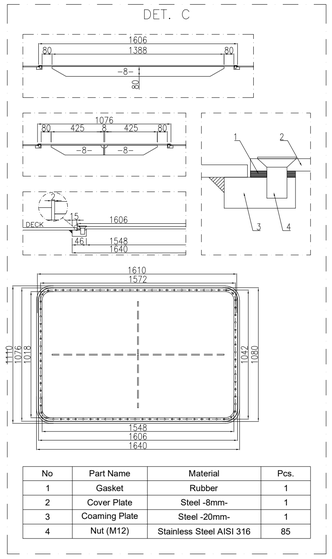




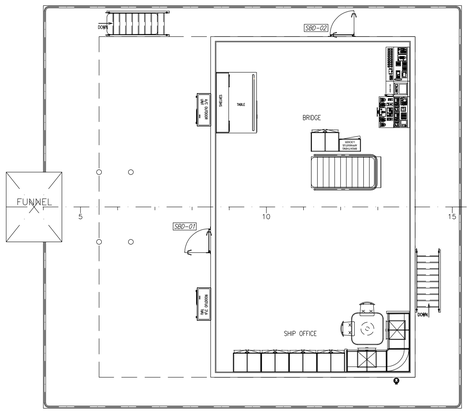
TANKTOP PLAN VIEW



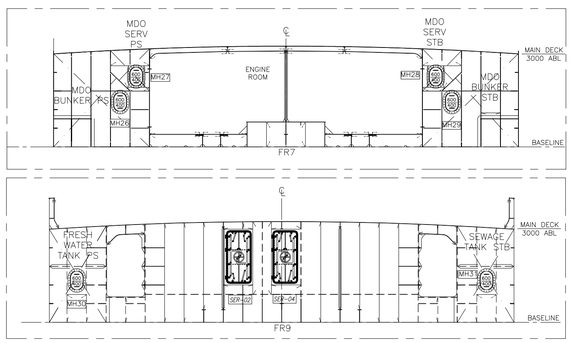
	PART NAME	DIMENSION	MATERIAL
1	HATCH COAMING	t=10mm	Grade A
2	HATCH COVER	t=8mm	Grade A
3	FLAT BAR	t=5mm	ST-37
4	COLLAR	M20, Ø40x35	ST-37
5	ARM BUSHING	Ø48x55	ST-44
6	COVER HINGE 1	ST-37	ST-37
7	COVER HINGE 2	ST-37	ST-37
8	ARM FIXING HOLE	45x25x10	ST-37
9	COAMING HINGE 1	145x101x15	ST-37
10	COAMING HINGE 2	270x55x15	ST-37
11	TEFLON BUSHING	Ø38x55	Polyamide
12	O-RING	Ø29x2	Rubber
13	OUTER ARM	Ø25x450	ST-42
14	ALLEN SCREW	M15x75	SAE 304
15	TEFLON WASHER	Ø50x10	Polyamide
16	INNER ARM	Ø25x400	ST-42
17	ARM BUSHING	Ø80x90	ST-37
18	LINKING PLATE	125x125x10mm	316 L
19	LOCKING PLATE 1	Ø25x508	316 L
20	LOCKING PLATE 2	Ø25x508	316 L
21	STUD	Ø26x98	316 L
22	BEND PROFILE	100x35	ST-37
23	COVER-COIL CONNECTION	60x60x60mm	ST-42
24	COAMING COIL CONNECTION	60x60	ST-42
25	SHAFT	Ø25x800	316 L
26	PIPE	Ø51x5x825	ST-44
27	TEFLON BUSHING	Ø40x150	Polyamide
28	COIL SPRING	Ø12x530(Pitch=38mm)	S. Coil Steel
29	WASHER	M25	ST-42
30	JOINER PIN	Ø6x50	INOX
31	HEXAGON SCREW	M14x50	8.8 INOX
32	NUT	M14 with Fiber	8.8 INOX
33	GASKET	40x20	EPDM



No	Part Name	Material	Pcs.
1	Gasket	Rubber	1
2	Cover Plate	Steel -8mm-	1
3	Coaming Plate	Steel -20mm-	1
4	Nut (M12)	Stainless Steel AISI 316	85



BRIDGE DECK



NO	COMPARTMENTS	FRAMES	DIMENSIONS	MARK	DRWIN
MH1	AFT CHAIN LOCKER PS	FR1-FR2	600x400	AFT CHN LCK.P	DET A
MH2	AFT CHAIN LOCKER STB	FR1-FR2	600x400	AFT CHN LCK.S	DET A
MH3	BALLAST TANK NO:5 PS	FR2-FR3	600x400	WBT 5.P	DET A
MH4	BALLAST TANK NO:5 STB	FR2-FR3	600x400	WBT 5.S	DET A
MH5	BALLAST TANK NO:4 PS	FR15-FR16	600x400	WBT 4.P	DET A
MH6	BALLAST TANK NO:4 STB	FR15-FR16	600x400	WBT 4.S	DET A
MH7	BALLAST TANK NO:3 PS	FR16-FR17	600x400	WBT 3.P	DET A
MH8	BALLAST TANK NO:3 STB	FR16-FR17	600x400	WBT 3.S	DET A
MH9	BALLAST TANK NO:3 PS	FR19-FR20	600x400	WBT 3.P	DET A
MH10	BALLAST TANK NO:3 STB	FR19-FR20	600x400	WBT 3.S	DET A
MH11	ANTI HEELING TANK PS	FR20-FR21	600x400	ANTI HEEL T.P	DET A
MH12	ANTI HEELING TANK STB	FR20-FR21	600x400	ANTI HEEL T.S	DET A
MH13	ANTI HEELING TANK PS	FR29-FR30	600x400	ANTI HEEL T.P	DET A
MH14	ANTI HEELING TANK STB	FR29-FR30	600x400	ANTI HEEL T.S	DET A
MH15	VOID SPACE PS	FR30-FR31	600x400	VOID	DET A
MH16	VOID SPACE STB	FR30-FR31	600x400	VOID	DET A
MH17	VOID SPACE PS	FR33-FR34	600x400	VOID	DET A
MH18	VOID SPACE STB	FR33-FR34	600x400	VOID	DET A
MH19	FORE CHAIN LOCKER PS	FR35-FR36	600x400	FORE CHN LCK.P	DET A
MH20	FORE CHAIN LOCKER STB	FR35-FR36	600x400	FORE CHN LCK.S	DET A
MH21	FORE PEAK TANK	FR36-FR37	600x400	FORE PEAK TANK	DET A
MH22	FORE PEAK TANK	FR36-FR37	600x400	FORE PEAK TANK	DET A
MH23	BILGE TANK	FR6-FR7	600x400	BLG T.	DET A
MH24	SLUDGE TANK	FR3-FR4	600x400	SLUD T.	DET A
MH25	OVERFLOW TANK	FR2-FR3	600x400	OVERFL.	DET A

MH26	MDO BUNKER PS TANK	FR7	600x400	MDO BUNK. P	DET A
MH27	MDO SERVICE PS	FR7	600x400	MDO SERV. P	DET A
MH28	MDO SERVICE STB	FR7	600x400	MDO SERV. S	DET A
MH29	MDO BUNKER STB	FR7	600x400	MDO BUNK. S	DET A
MH30	FRESH WATER TANK PS	FR9	600x400	FW T.P	DET A
MH31	SWAGE TANK STB	FR9	600x400	SWAGE T.S	DET A
MH32	VOID SPACE 2.C	FR9-FR10	600x400	VOID	DET A
MH33	VOID SPACE 2.C	FR11-FR12	600x400	VOID	DET A
MH34	BALLAST TANK NO:2 PS	FR13-FR14	600x400	WBT 2 P	DET A
MH35	BALLAST TANK NO:2 PS	FR19-FR20	600x400	WBT 2 P	DET A
MH36	BALLAST TANK NO:2 STB	FR16-FR17	600x400	WBT 2 S	DET A
MH37	BALLAST TANK NO:2 STB	FR19-FR20	600x400	WBT 2 S	DET A
MH38	BALLAST TANK NO:1 PS	FR20-FR21	600x400	WBT 1 P	DET A
MH39	BALLAST TANK NO:1 PS	FR27-FR28	600x400	WBT 1 P	DET A
MH40	BALLAST TANK NO:1 STB	FR20-FR21	600x400	WBT 1 S	DET A
MH41	BALLAST TANK NO:1 STB	FR27-FR28	600x400	WBT 1 S	DET A
MH21	FORE PEAK TANK	FR36-FR37	600x400	FORE PEAK WBT	DET A
MH22	FORE PEAK TANK	FR36-FR37	600x400	FORE PEAK WBT	DET A
H1	STEERING GEAR ROOM	FR1-FR2	850x850		DET B
H2	EMERGENCY EXIT	FR2-FR3	850x850		DET B
H3	PROVISION STORE	FR15-FR16	850x850		DET B
H4	AFT STORE	FR16-FR17	850x850		DET B
H5	FORE STORE	FR27-FR28	850x850		DET B
H6	CRANE HOUSE	FR28-FR29	850x850		DET B
H7	ROPE STORE	FR32-FR33	850x850		DET B
FH1	ENGINE ROOM	FR2-FR3	1080x1610		DET C

STEEL DOORS

DECK	LOCATION	POSITION NO.	CLEAR OPENING SIZE	SILL HEIGHT	HANDLE	INDICATOR	TIGHTNESS LEVEL	GAS TIGHT	SELF CLOSING	HOLD-BACK HOOK
BRIDGE DECK	FR8.5	SBD-01	700x1600	400	R		WEATHERTIGHT			
BRIDGE DECK	FR10-FR11	SBD-02	700x1600	400	L		WEATHERTIGHT			
OFFICERS DECK	FR14	SOD-01	700x1600	400	R		WEATHERTIGHT			✓
MAIN DECK	FR8-FR9	SMD-01	700x1400	600	L		WEATHERTIGHT			✓
MAIN DECK	FR3	SMD-02	700x1400	600	L		WEATHERTIGHT			✓
MAIN DECK	FR14	SMD-03	700x1400	600	L		WEATHERTIGHT			✓
TANKTOP	FR2	SER-01	700x1600	400	R	✓	WATERTIGHT	✓	✓	
TANKTOP	FR9	SER-02	700x1600	400	L	✓	WATERTIGHT	✓	✓	
TANKTOP	FR9	SER-03	700x1600	400	R	✓	WATERTIGHT	✓	✓	

NOTES

1. Watertight doors type are approved by the class society.
2. Fire class doors are approved by the class society.
3. Hold–back hooks are not permitted for self–closing type doors.
4. Watertight doors are to be provided with position indicators on the bridge, with means of indication locally and on the bridge showing whether it is open or closed. A notice is to be affixed to each such door to the effect that it is not to be left open.
5. For General Arrangement, please see drawing no: SPCB–04–R–01.
6. For Fire Integrity Plan, please see drawing no: SPCB–04–O–03.
7. For Accommodation Plan, please see drawing no: SPCB–04–O–04.
8. For Bridge Deck Windows Plan, please see drawing no: SPCB–04–O–10.
9. For Escape Plan, please see drawing no: SPCB–04–O–24.
10. For Doors Plan, please see drawing no: SPCB–04–O–27.

No	Date	Rev. By.	Revision Note
02			
01	20.02.25	N.A.B.	Drawing is revised acc. to BV remarks.

TOMAY design engineering consultancy

70 ton SELF PROPPELLER CRANE BARGE

TBN-SPCB-04

MANHOLE & HATCHES & STEEL DOORS PLAN

Design	Teoman TOMBAK	Shipyard	Dockyard&Engineering Work Ltd.
Drawn	Orkun Tuna ERTAN	Owner	Bangladesh Navy
Control	Ahmet Burak KABASAKAL	Paper Size	Class/ID BV / 48464F
Approved		A1	Hull No NB 252
			Project No SPCB-04
			Drawing No O-08
			Scale 1/100
			Issue Date 03.12.2024

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