

POSH FULMAR



3,200 DWT/ 78m / DP 2 / Diesel Electric / PSV Call sign: 9V7601

Class Notation

DNV +1A1, SF, E0, DK(+), HL(3.0), DynposAUTR, Clean design, LFL*, BIS, COMF V(3), NAUT OSV(A), Fire Fighter 1, OILREC

Principal Particulars

Flag	Singapore
Year Built	2013
Place Built	PaxOcean Engineering, Zhuhai, China
Design Draft	5.10 m
Max Draft	5.90 m
Gross Tonnage	2,644 T
Net Tonnage	985 T
Deadweight (Max Draft)	3,178 T @ 5.90 m draft
Displacement	5,309 T
IMO No.	9648623
Design	Rolls-Royce UT 755 CD

Dimensions

Length Overall	78.70 m
Beam Overall	16.00 m
Depth Moulded	7.00 m
Length B.P.	70.10 m

Performance

Max Speed	12.00 kts
Economical Speed	10.00 kts

* Subject to actual weather and operating conditions

Cargo Deck

Deck Cargo Area	670.0 m ²
Deck Cargo Dimension	50.7 m x 13.2 m
Deck Cargo Capacity	1,450.0 T
Deck Strength	5.0 T/m ²
Reefer Points	6 x 440V

Capacities

Fuel Tank	882.86 m ³
Fresh Water	695.26 m ³
Drill Water *	1,326.80 m ³ (shared with ballast water)
Ballast Water *	1,326.80 m ³ (shared with drill water)
Mud Tank *	820.66 m ³ (shared with brine)
Brine Tank *	820.66 m ³ (shared with mud)
Dry Bulk Tank	251.65 m ³ (in 5 tanks)
Methanol Tank	135.35 m ³
Base Oil Tank	324.26 m ³

* Indicates tanks with shared capacity

Discharging Rates

Drill Water/Pump	1 x 172 m ³ /hr@95 mlc
Fresh Water/Pump	1 x 150 m ³ /hr@90 mlc
Fuel/Pump	1 x 150 m ³ /hr@90 m head
Brine/Pump	1 x 75 m ³ /hr@18bar
Liquid mud/Pump	2 x 100 m ³ /hr@18bar
Dry Bulk Tank	2 x 1368 m ³ /hr, 80psi/5.6bar & 75m head

Accommodation

1 – Berth Cabins	8
2 – Berth Cabins	9
Total (POB)	26

Machinery & Equipment

Main Generator	Caterpillar C32, 4 x 994 kW
Emergency Generator	John Deere 1 x 99 kW

Thruster & Propulsion

Azimuth Thruster/Propellers	Rolls-Royce US205CP, 2 x 1470 kW
Bow Thruster	Rolls-Royce TT1850, 2 x 700 kW

Deck Crane

Fixed Crane	SWL 5.0 T @ 16.0 m radius
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Mooring Equipment

Anchors	2 x SPEK Type Anchor; 2,850 kg each
Anchor Windlass	Rolls-Royce 2 x 8.0 T each @ 0-12 m/min
Tugger Winch	Rolls-Royce 2 x 10.0 T each @ 0-19 m/min
Capstans	Rolls-Royce 2 x 8.0 T each @ 0-16 m/min

Dynamic Positioning System

DP Class	DP 2 Dynpos AUTR, Rolls-Royce, Poscon joystick system
References	2 x DGPS + 1 Laser Cyscan
MRU	3

Fire Fighting and Rescue

Firefighting System	FiFi 1
FiFi Pump	2 x 1,600 m ³ /hr
FiFi Monitors	2 x 1,200 m ³ /hr
Spray Booms	2 x 6.0 m/Fixed Nozzle
Dispersant Capacity	Nil
Foam Capacity	2 m ³
Rescue Boat	1 x 15 man rigid hull waterjet FRC, 160 hp, ≥8 kts
Life rafts	6 x 25 man
Life Buoys	12
Life Jackets	38

Particulars given herein are believed to be correct but not guaranteed. Owner reserves the rights to amend specifications without notification.

CARGO CAPACITY PLAN

Tank No.	Volume m³	Fuel m³ SG 0.900	Fresh Water m³ SG 1.000	Ballast Water m³ SG 1.025	Mud m³ SG 3.000	Brine m³ SG 2.800	ORO m³ SG 1.000	Drill Water m³ SG 1.000	Dry Bulk m³ SG 2.160	Methanol m³ SG 0.791	Base Oil m³ SG 0.830
*1	33			33				33			
2	72.3		72.3								
3	72.3		72.3								
*4	74.4			74.4				74.4			
*5	95.8			95.8				95.8			
*7A	60			60				60			
*7B	59			59				59			
*8	85.7			85.7				85.7			
*9	85.7			85.7				85.7			
*10	79.2			79.2				79.2			
*11	79.2			79.2				79.2			
12	54.6		54.6								
13	54.9		54.9								
14	51		51								
15	51.3		51.3								
*16	77.5			77.5				77.5			
*17	77.5			77.5				77.5			
18	26.3		26.3								
*19	62.5		62.5								
*20	170.4		170.4	170.4				170.4			
*22	64.1	64.1								64.1	
*23	71.2	71.2								71.2	
24	211.8			211.8							
25	81.4		81.4								
30	19.6	19.6									
31	19.6	19.6									
33	15.7	15.7									
34	82.1	82.1									
35	82.1	82.1									
36	82.1	82.1									82.1
37	82.1	82.1									82.1
*38	82.1	82.1									82.1
*39	82.1	82.1									82.1
*50	102.1	102.1			102.1	102.1					
*51	102.1	102.1			102.1	102.1					
*52	102.7				102.7	102.7	102.7				
*53	102.7				102.7	102.7	102.7				
*54	102.7				102.7	102.7	102.7				
*55	102.7				102.7	102.7	102.7				
*56	102.7				102.7	102.7	102.7				
*57	102.7				102.7	102.7	102.7				
60	50.3								50.3		
61	50.3								50.3		
62	50.3								50.3		
63	50.3								50.3		
64	50.3								50.3		
*66	90.3			90.3				90.3			
*67	90.3			90.3				90.3			
*68	84.3			84.3				84.3			
*69	84.3			84.3				84.3			
SUM		887	697	1538.4	820.4	820.4	616.2	1326.6	251.5	135.3	328.4

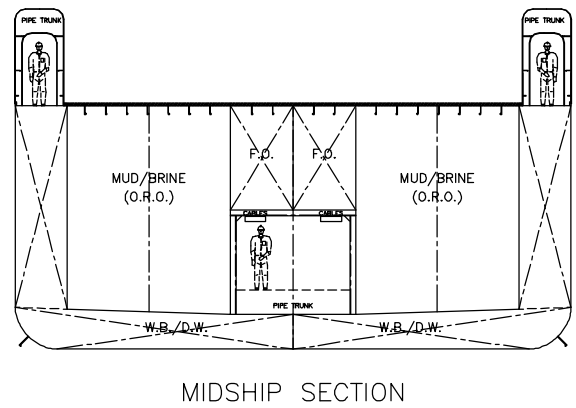
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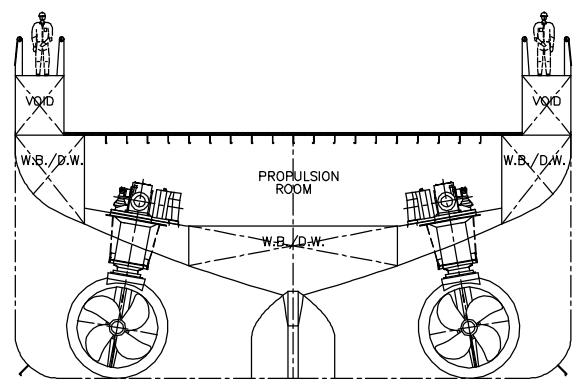
Rolls-Royce

UT-Design™

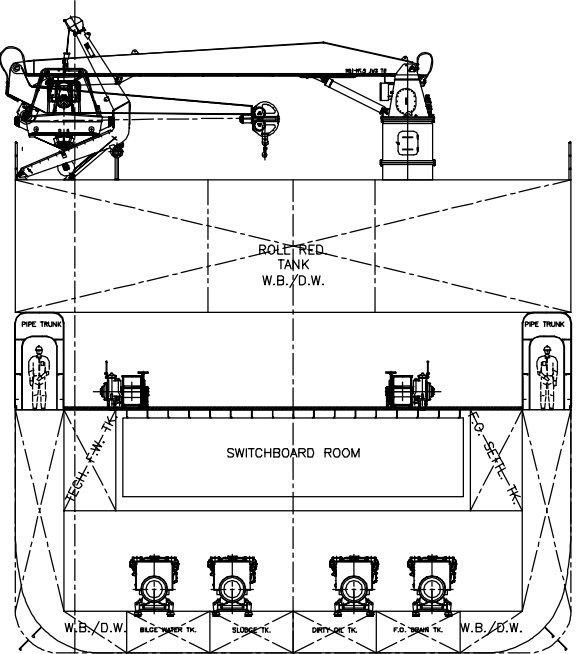
UT 755 CD



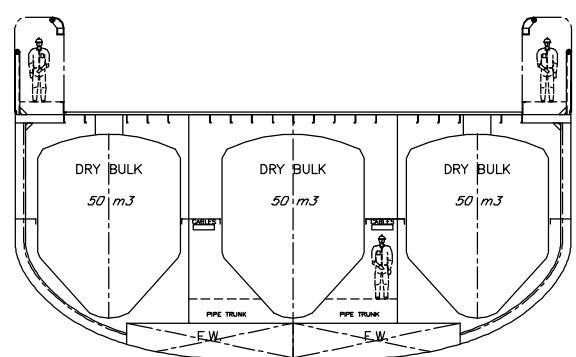
MIDSHIP SECTION



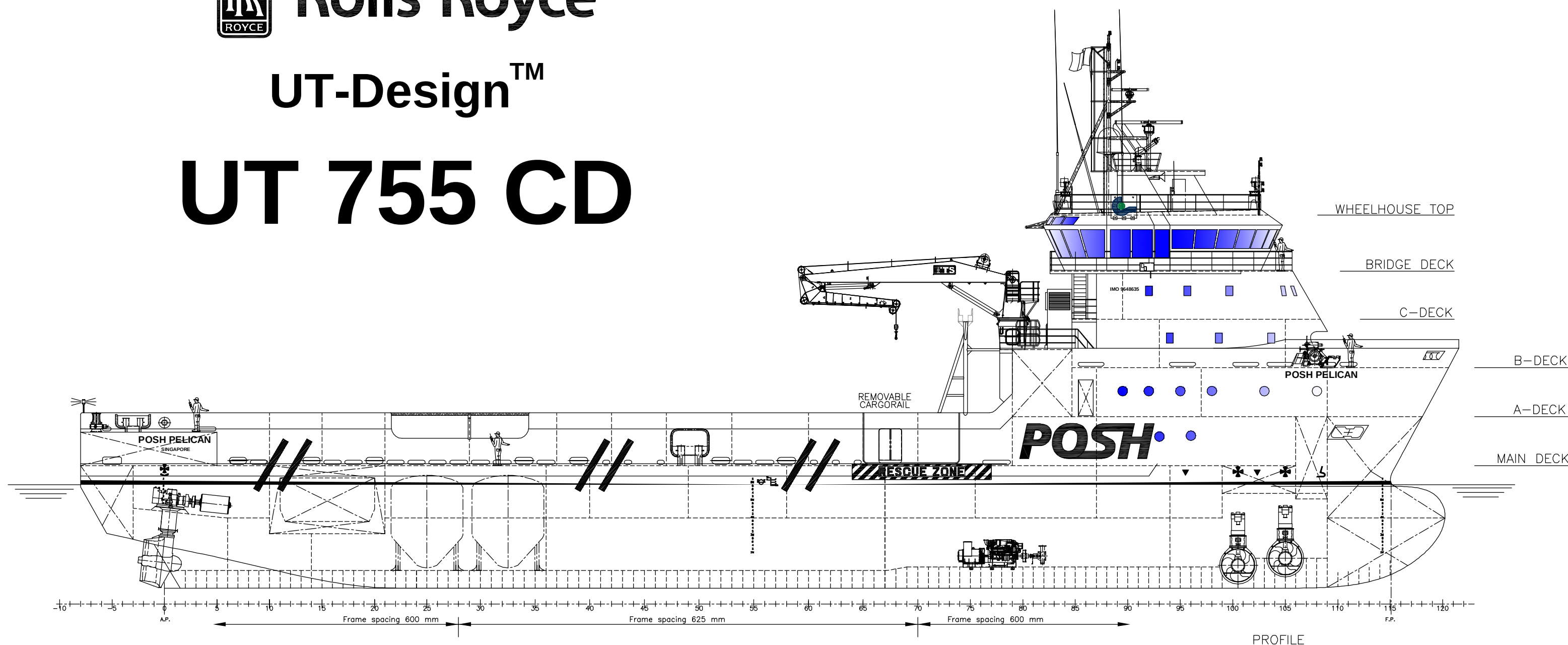
SECTION AZIMUTH UNITS



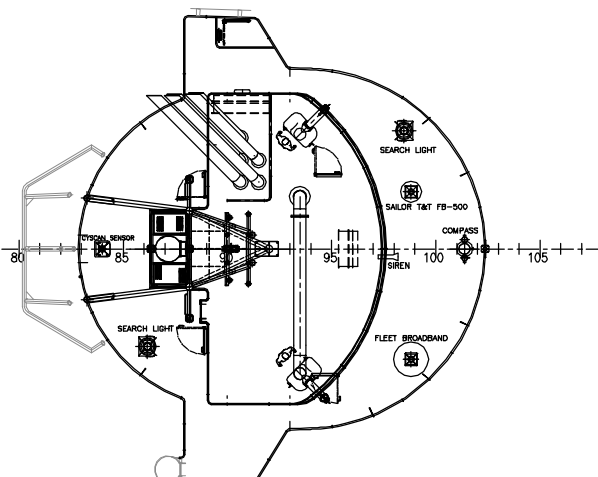
SECTION FRAME #73
LOOKING FORWARD



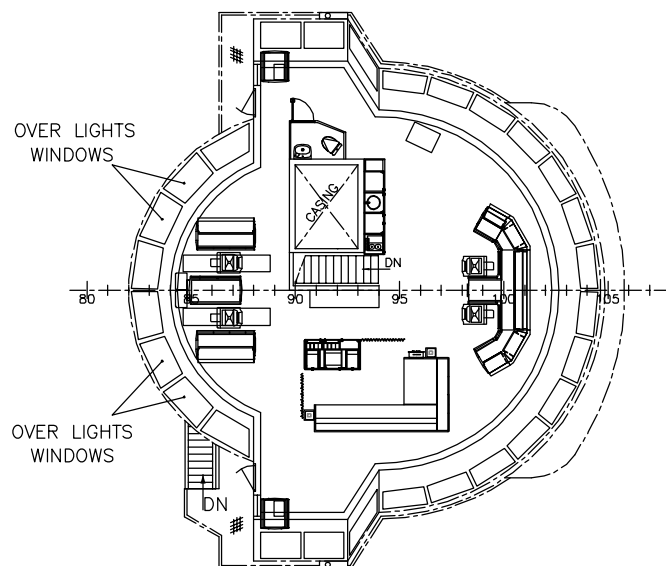
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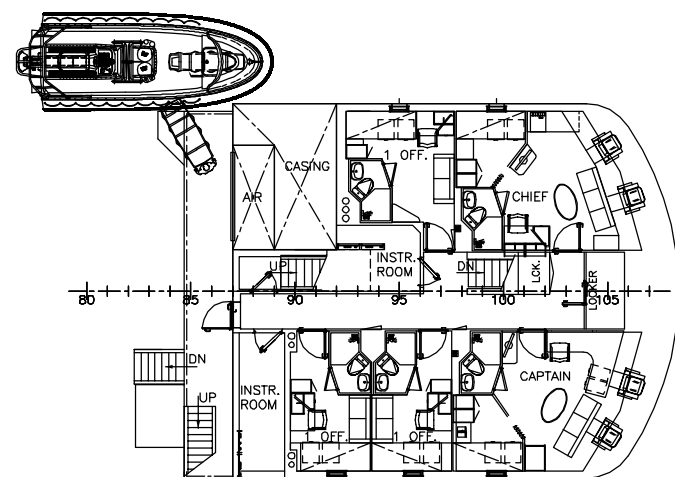
PROFILE



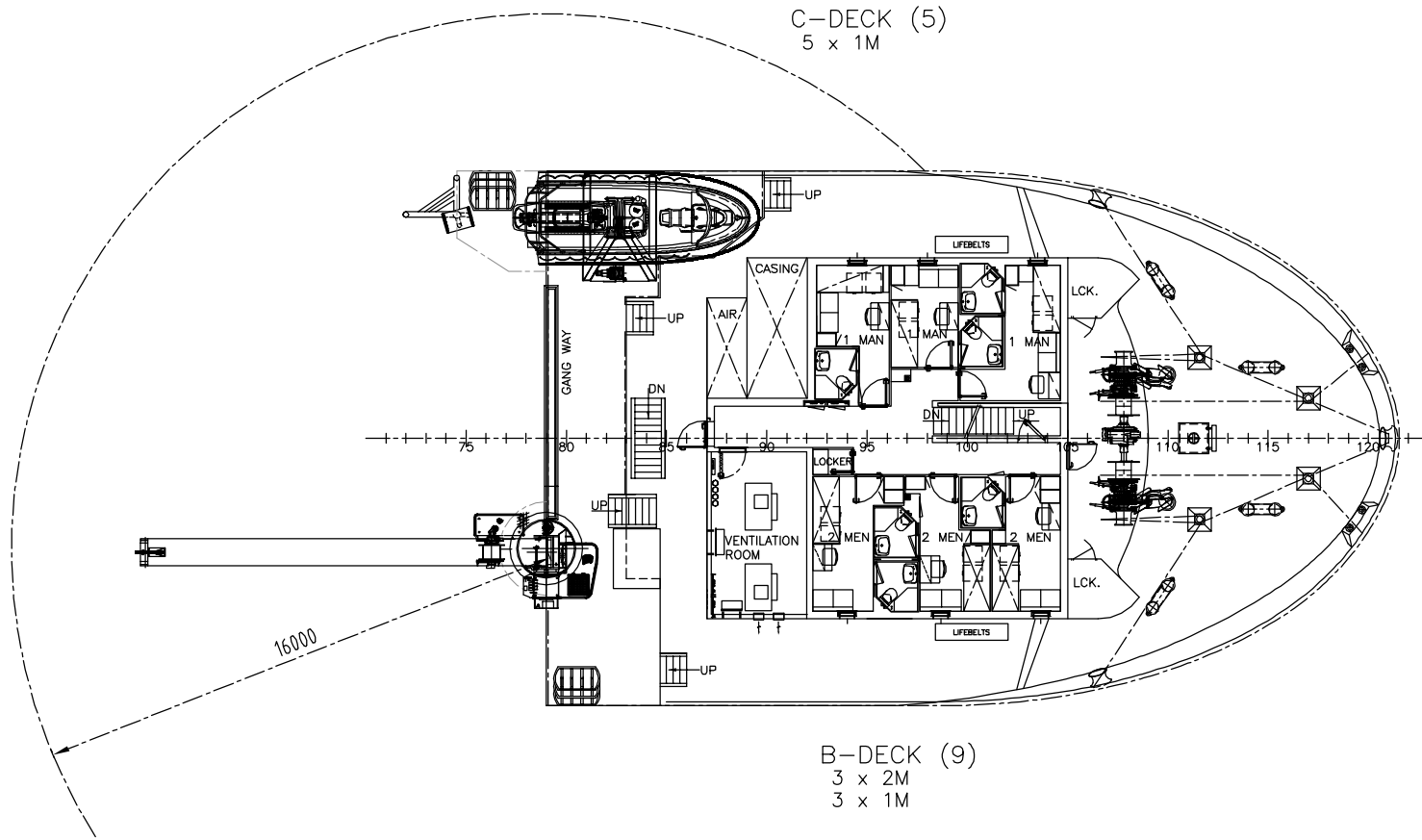
WHEELHOUSE TOP



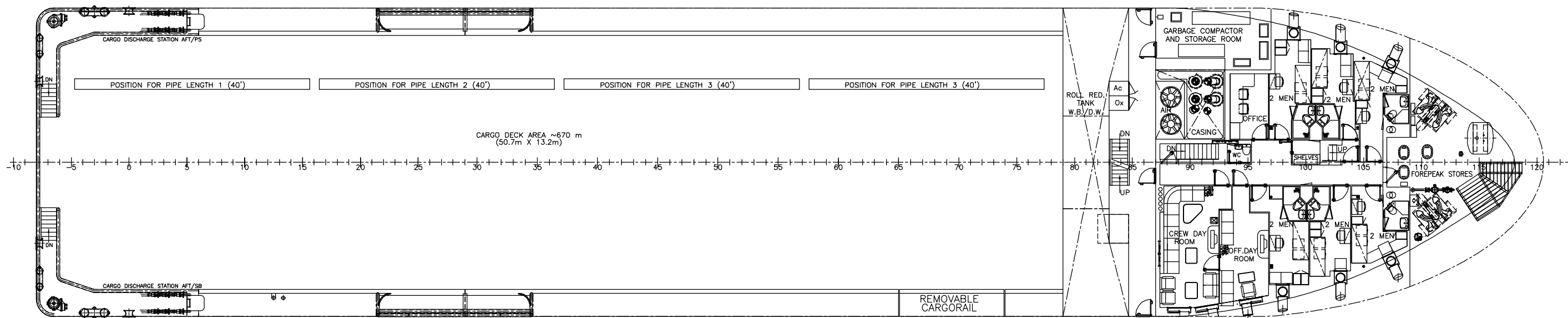
BRIDGE DECK



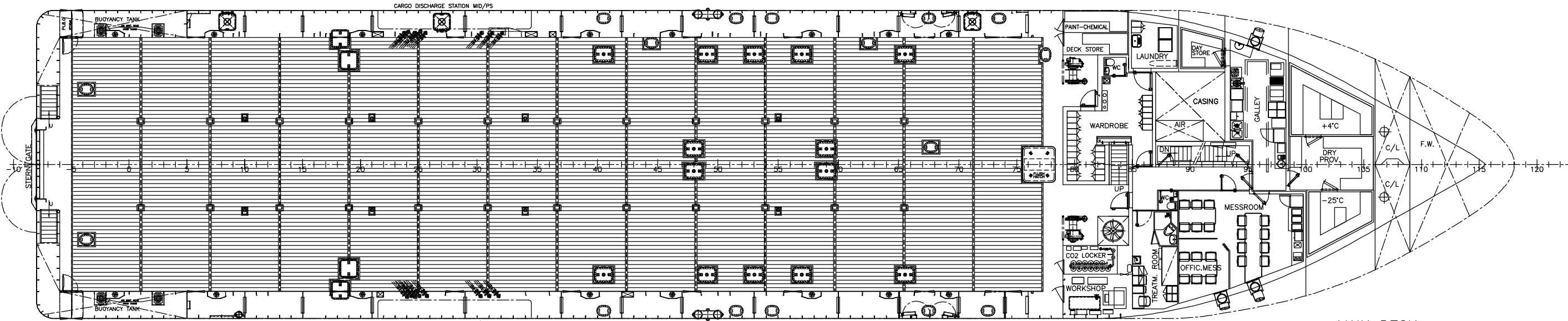
C-DECK (5)
5 x 1M



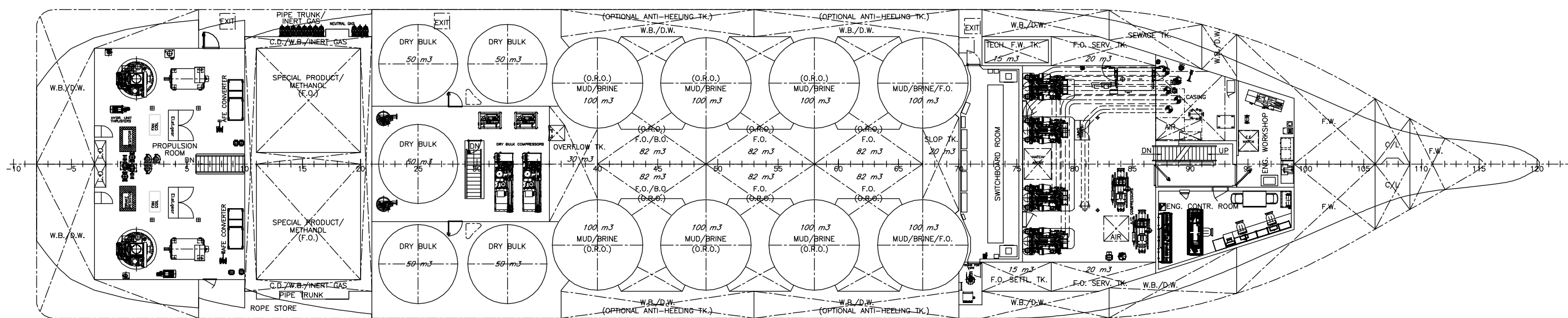
B-DECK (9)
3 x 2M
3 x 1M



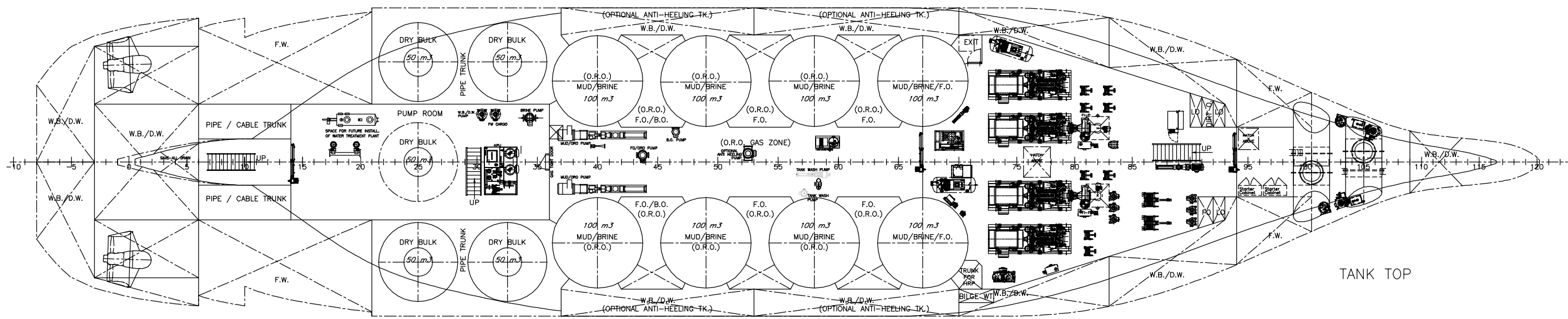
A-DECK (12)
6 x 2M



MAIN DECK



TWEEN DECK



TANK TOP

MAIN PARTICULARS

L.O.A..... APPROX. 78.70 m
L.P.P..... 70.10 m
BREADTH MLD..... 16.00 m
DEPTH MAIN DK..... 7.00 m
DESIGN DRAFT..... 5.10 m
MAX DRAFT..... APPROX. 5.80 m

Class notation:
Det Norske Veritas +1A1, SF, E0, DK(+), HL(3,0), DYNPOS AUTR, CLEAN DESIGN,
LFL*, BIS, COMP V(3), NAUT OSV(A), FIRE FIGHTER I, OILREC

0	25.11.13	FIRST ISSUE	JPDW			
Rev.	Date	Reason for issue	Made by	Chk'd by	Disc. app'd	Client acc'd
CUSTOMER			PaxOcean Engineering			
Yard no.			PX1019			
Rolls-Royce			Rolls-Royce Marine AS Design, Build, Test, Commissioning, Operation, Maintenance, Repair, Refit, Upgrade, Conversion, Decommissioning, Salvage, Recycling, etc.			
UT-Design™			UT-Design™			
1:150			A1 107194 - 101 - 001 0			
Draw			Formal PROJECT NO.			
			SPT no.			
			Sec. no.			
			Revision			