



BOS PRIME

DWT 3,800 t | DECK 750 m² | DP2 PSV

Class Notation: Offshore Support Vessel – heavycargo – chemical product; oil recovery ship (flash point > 60 °C); fire-fighting ship 1 – water spraying; unrestricted navigation; AUT-UMS; Biosafe Ship; Cargo Handling; Dynapos AM/AT R; Efficient ship 10, 3831; Green Star 3; Inwatersurvey; SPS

Main Particulars

Particular	Detail
Flag	Luxembourg
IMO	9689213
Call Sign	LXAF8
Built	2015
Length Overall	80.0 m
Length Between Perpendiculars	72.38 m
Depth (Moulded)	7.8 m
Breadth (Moulded)	18.4 m
Max Draft	6.35 m
Design Draft	6.0 m
Freeboard at Max Draft	1.45 m
Gross Tonnage	3,548 t
Net Tonnage	1,196 t
Deadweight	3,800 t

Machinery & Propulsion

Component	Specification
Main Engines	2 × MaK, 2,400 kW each (total approx. 6,500 BHP)
Main Generators	3 × 500 kW (diesel-driven)
Shaft Generators	2 × Leroy Somer 1,230 kW (ME-driven)
Emergency Generator	1 × 95 kW (diesel-driven)
Propulsion System	Twin CPP rudder azimuth thrusters
Bow Thrusters	2 × 12 t (800 kW), electric-driven
Propellers	CPP

Cargo Deck

Parameter	Value
Clear Deck Area	750 m ²
Deck Strength	7 t m ⁻²

Deck & Mooring Equipment

Equipment	Rating / Detail
Tugger Winches	2 × 10 t @ 24 m min ⁻¹
Windlass / Mooring Winch	2 × 13 t @ 18 m min ⁻¹
Capstans	2 × 10 t @ 25 m min ⁻¹

Deck Crane

Crane	Rating / Reach
Deck Crane	1 × 3 t SWL @ 10 m

Accommodation

Item	Capacity
Single Cabins	12
Two-Man Cabins	20
Total Persons	52

Performance

Mode	Speed	MGO Consumption
Transit	13 kn	About 15 MT d ⁻¹
Economy	10 kn	About 10.5 MT d ⁻¹
In Port	—	About 1 MT d ⁻¹
DP Mode	—	About 6 MT d ⁻¹

**subject to actual weather and operating conditions*

Tank Capacities & Discharge Rates

Tank / Medium	Capacity	Discharge Rate
Fuel Oil Cargo	860 m ³	150 m ³ h ⁻¹ @ 80 m head
Fresh Water	730 m ³	150 m ³ h ⁻¹ @ 80 m head
Mud / Brine	816 m ³	2 × 75 m ³ h ⁻¹ @ 80 m head
Ballast / Drill Water	1,442 m ³	100 m ³ h ⁻¹ @ 80 m head
Dry Bulk	226 m ³ (4 × 2,000 ft ³)	40 m ³ h ⁻¹
Foam	27 m ³	—
Detergent	27 m ³	—
Fresh-water Maker	2 × 10 m ³ d ⁻¹	—

Dynamic Positioning (DP) System & Navigation Equipment

Instrument	Model / Detail
DP Class	Class 2 (DP2)
System	Kongsberg K-Pos DP21
References	DGNSS 1 — Kongsberg DPS112; DGNSS 2 — Kongsberg DPS110; 1 × CyScan
Radar No. 1	Furuno FAR-2117-D, X-band
Radar No. 2	Furuno FAR-2137S-D, S-band
GPS	2 × Furuno GP-150
Echo Sounder	Furuno FE-700
Autopilot	Raytheon Anschütz PilotStar D
Gyro Compass	3 × Raytheon Anschütz gyro
Magnetic Compass	Raytheon Anschütz Magnetic Standard 22

Communications Equipment

Instrument	Model / Detail
HF Radio	Furuno RC-1800T
VHF Radio	Furuno FM-8800S
Portable VHF Radio	3 × McMurdo R2 GMDSS
Satellite EPIRB	McMurdo SMARTFIND E5
Inmarsat	Inmarsat-C with EGC
NAVTEX Receiver	Furuno NX-700A (GMDSS)
SART	2 × McMurdo S4 Rescue SART
AIS	Furuno FA-150

Fire-Fighting & Rescue

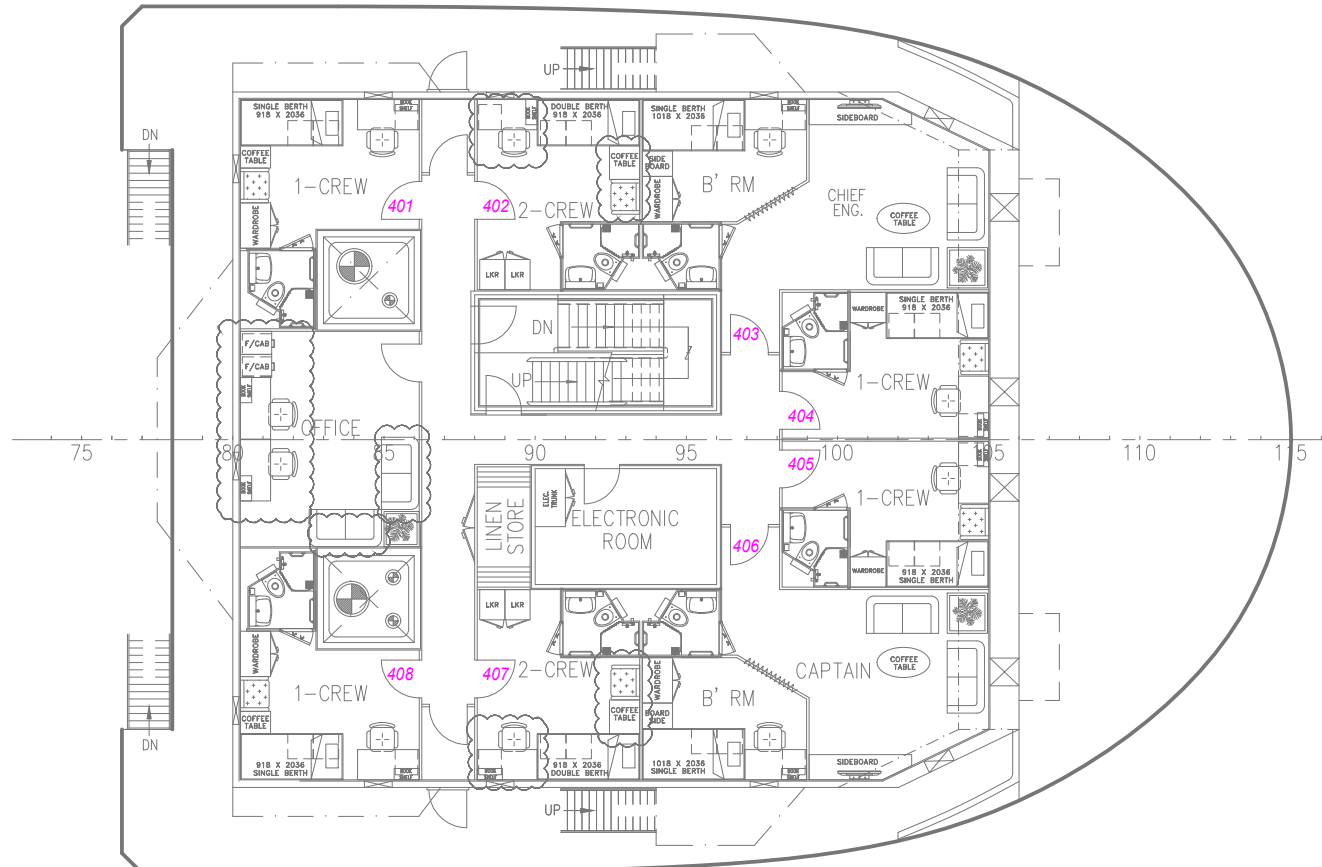
Equipment	Capacity / Rating
FiFi Class	FiFi-1
Pumps	3,000 m ³ h ⁻¹
Monitors	2 × 1,200 m ³ h ⁻¹
Throw × Height	120 m × 45 m
Liferafts	6 × 25-person; 2 × 15-person
Rescue Boat	1 × 6-person with 25 HP OBM

Details given in good faith but not guaranteed. Owners reserve the right to amend specifications without notification.

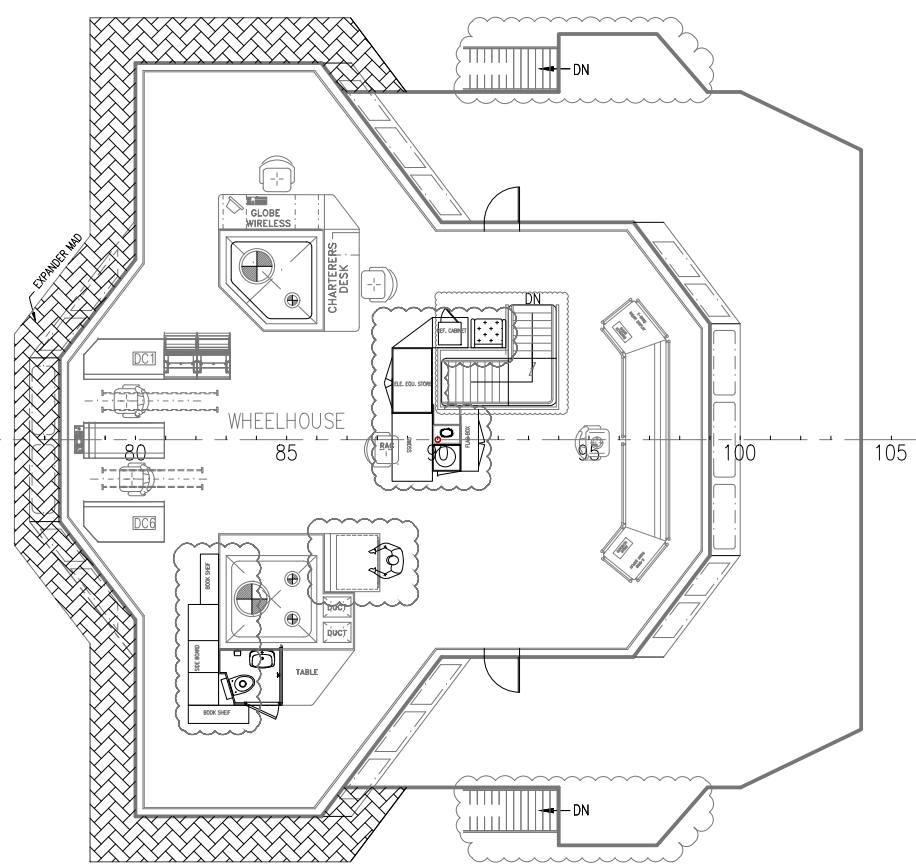
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OFFICER DECK PLAN



NAVIGATION BRIDGE DECK



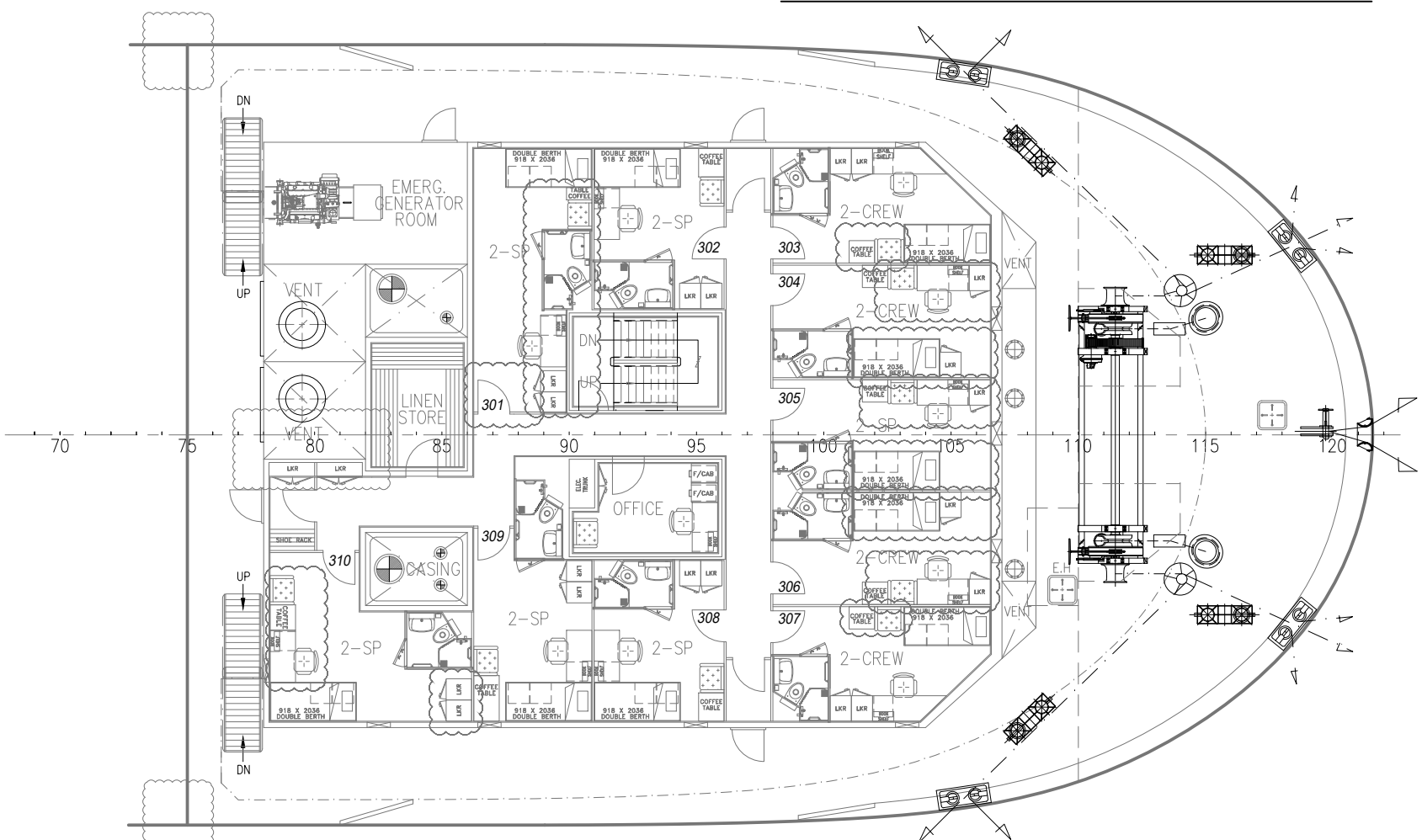
MAIN DIMENSIONS

LENGTH (O.A.)	80.00 M
LENGTH (B.P.)	72.38 M
BEAM (MLD.)	18.40 M
DEPTH (MLD.)	7.80 M
MAX DRAFT (MLD.)	6.35 M
TOTAL DWT	3828 TONS
FLAG	LUXEMBOURG

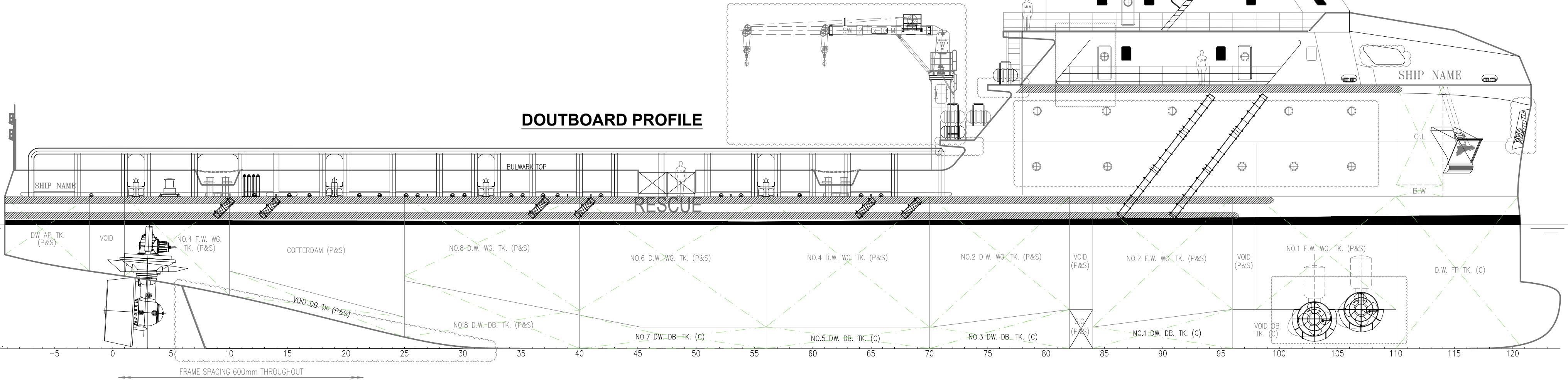
CLASS & NOTATION

RINA C*; Offshore Support Vessel heavy cargo - chemical product; oil recovery ship - flash point >60°C; fire-fighting ship - 1-water spraying; unrestricted navigation;
*AUT-UMS; BIOSAFE SHIP; *DYNAPOS AM - R; Efficient ship 10; 3831; INWATERSURVEY; MLCDESIGN SPS; SUSTAINABLE SHIP 30

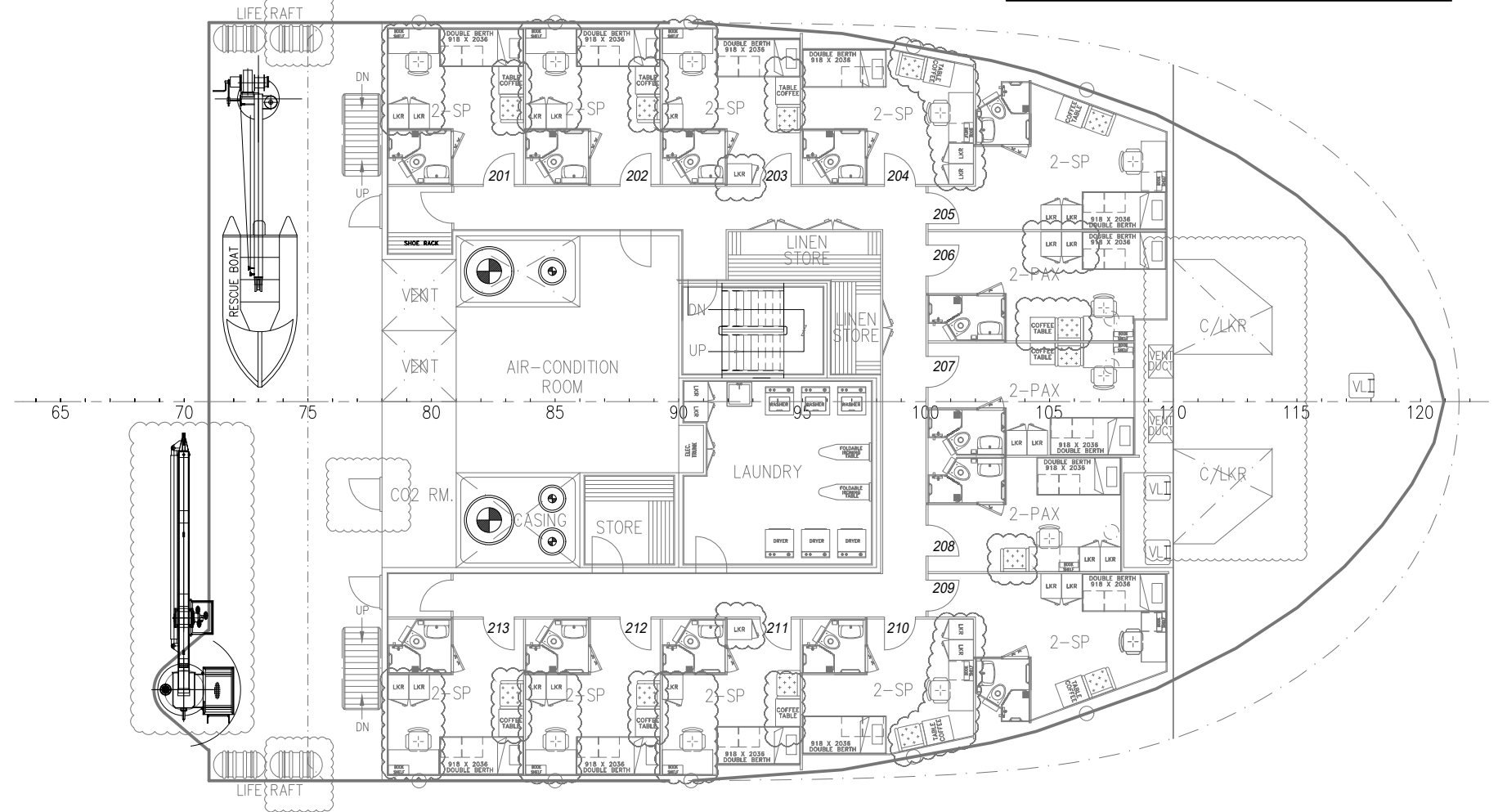
UPPER FORECASTLE DECK PLAN



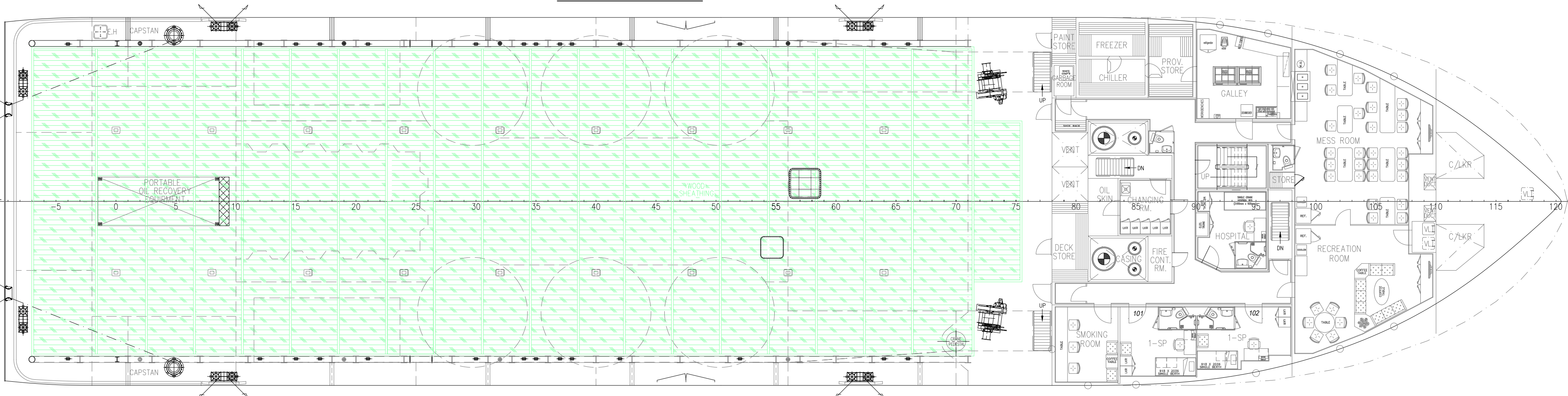
DOUTBOARD PROFILE



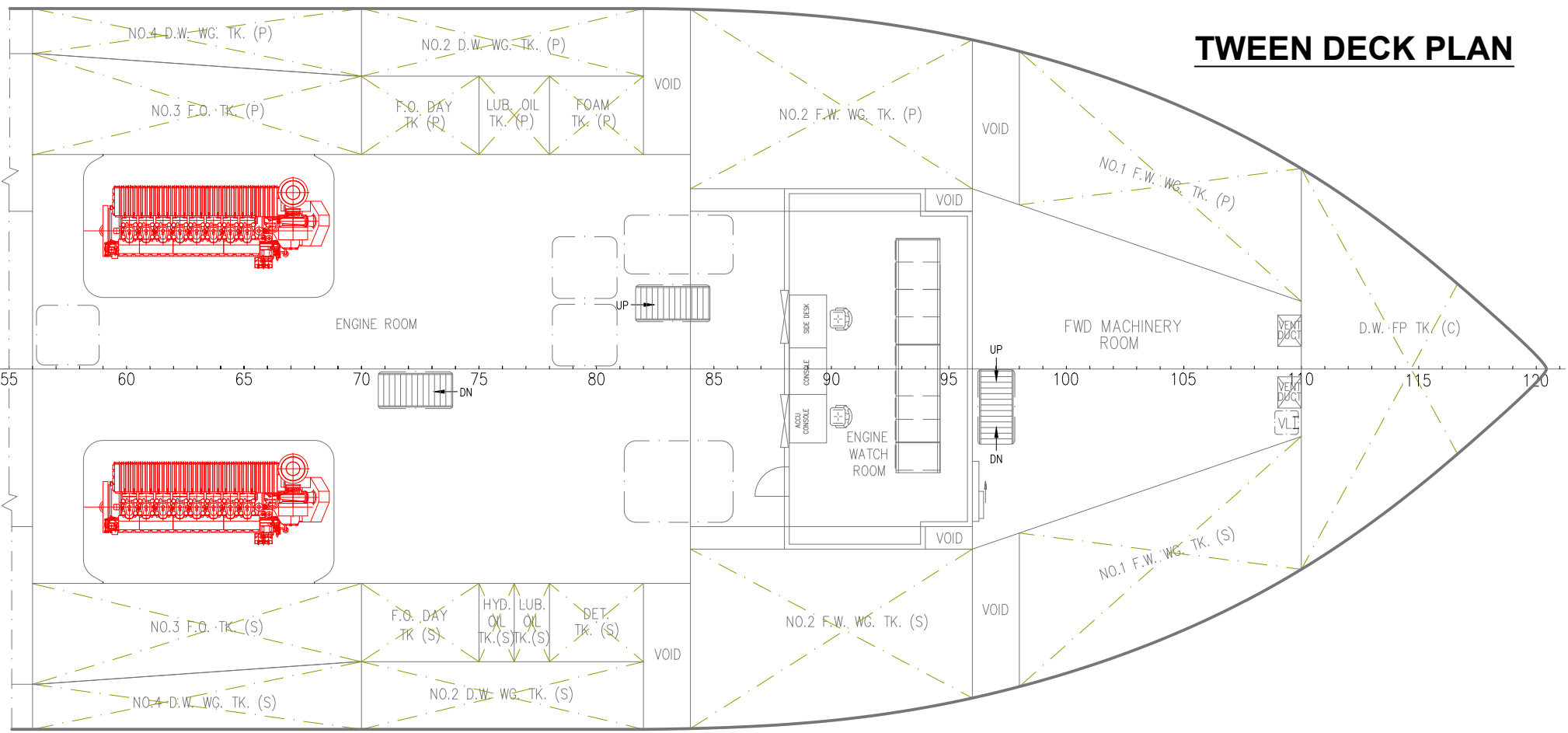
FORECASTLE DECK PLAN



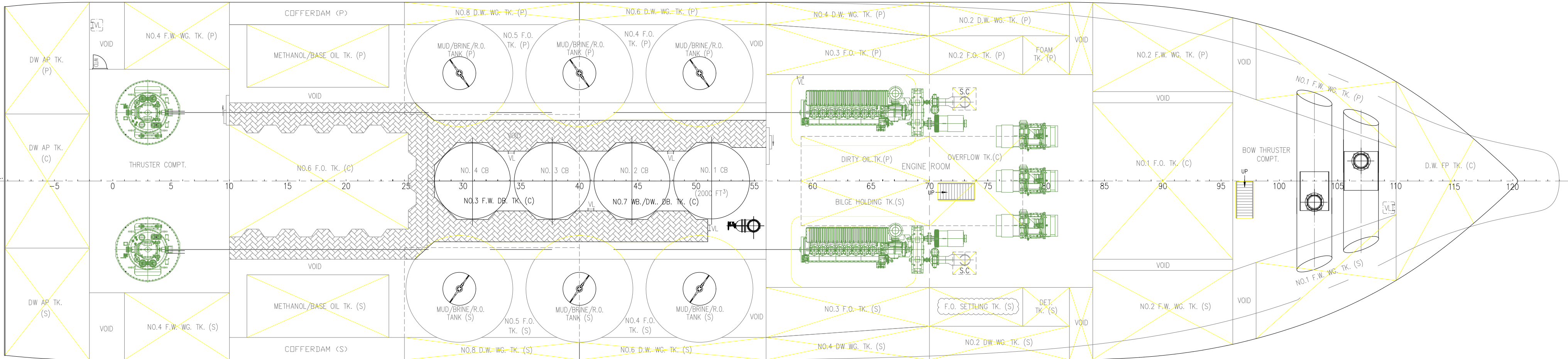
MAIN DECK PLAN



TWEEN DECK PLAN



BELOW DECK PLAN



REV.	DESCRIZIONE MODIFICHE	DATA	FIRMA
		SCALA	DATA
		1:150	01/03/2015
APPROV.	BOS PRIME IMO 9689213 — RI 96378 GENERAL ARRANGEMENT		
N°			
DATA			
F			
APPROV.	DIS. N° VPM-000-001		
N°			
DATA			
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DIS.	TAV. 1/1		
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