



BOS THEIA

5,150 BHP | 69.1 t BP | DP1 AHTS

Class Notation: Tug; Supply Vessel; Rescue (X,Y); Anchor Handling; Fire-Fighting Ship 1 (water spraying); Oil Recovery Ship – flash point > 60 °C; unrestricted navigation; Biosafe Ship; Efficient Ship 10; SPS

Main Particulars

Particular	Detail
Flag	Gibraltar
IMO	9585742
Call Sign	ZDNA9
Built	2011
Length Overall	59.25 m
Length B. P.	54.00 m
Beam (Moulded)	14.95 m
Depth (Moulded)	6.10 m
Design Draft	4.95 m
Max Summer Draft	4.95 m
Gross Tonnage	1,678 t
Net Tonnage	503 t
Deadweight	1,300 t

Machinery & Propulsion

Component	Specification
Main Engines	2 × 1,920 kW (total about 5,150 BHP)
Bow Thruster	1 × 390 kW (≈ 8 t thrust)
Propellers	2 × CPP in fixed Kort nozzles
Main Generators	3 × CAT C18, 383 kW each
Emergency Generator	1 × CAT C4.4, 65 kW

Deck & Anchor Handling Equipment

Component	Details
Tow / A-H Winch	Mentrade
Stall Pull Capacity	150 t
Brake Holding Capacity	200 t
Tow Drum Capacity	1,000 m × ø56 mm
A-H Drum Capacity	1,000 m × ø56 mm
Tugger Winches	2 × 10 t @ 15 m min ⁻¹
Capstans	2 × 5 t @ 15 m min ⁻¹
Shark Jaws	1 set Karmfork — 200 t SWL
Tow Pins	2 × closed-top type — 200 t SWL
Stern Roller	4.4 m × ø1.6 m — 200 t SWL
Main Tow Wire	1,000 m × ø56 mm
Spare Tow Wire	1,000 m × ø56 mm
Anchor-Handling Wire	150 m × ø56 mm

Deck Crane

Crane	Rating / Reach
Deck Crane	1 × 3 t @ 9 m (fixed)

Accommodation

Item	Capacity / Detail
Crew	10
Passengers	30
Hospital	Yes

Performance

Mode	Speed	MGO Consumption
Transit	12 kn	About 11.5 MT d ⁻¹
Economy	8 kn	About 6 MT d ⁻¹

**subject to weather and operating conditions*

Tank Capacities

Tank / Medium	Capacity	Discharge Rate
Fuel Oil	911 m ³	150 m ³ h ⁻¹ @ 75 m head
Fresh Water	369 m ³	100 m ³ h ⁻¹ @ 75 m head
Drill Water	253 m ³	100 m ³ h ⁻¹ @ 75 m head
Mud / Brine / Oil Recovery	378.10 m ³	75 m ³ h ⁻¹
Dry Bulk Tanks	4 × 1,650 ft ³ each	—

Cargo Deck

Parameter	Value
Deck Cargo Area	350 m ²
Deck Dimensions	28 m × 12.5 m
Deck Cargo Capacity	500 t
Deck Strength	7.5 t m ⁻²

Dynamic Positioning (DP) System & Navigation Equipment

Instrument	Model / Detail
DP Class	1 — Marine Tech
References	1 × DGPS C-Nav 3050 1 × DGPS C-Nav 1000
Joystick	Yes

Fire-Fighting & Rescue

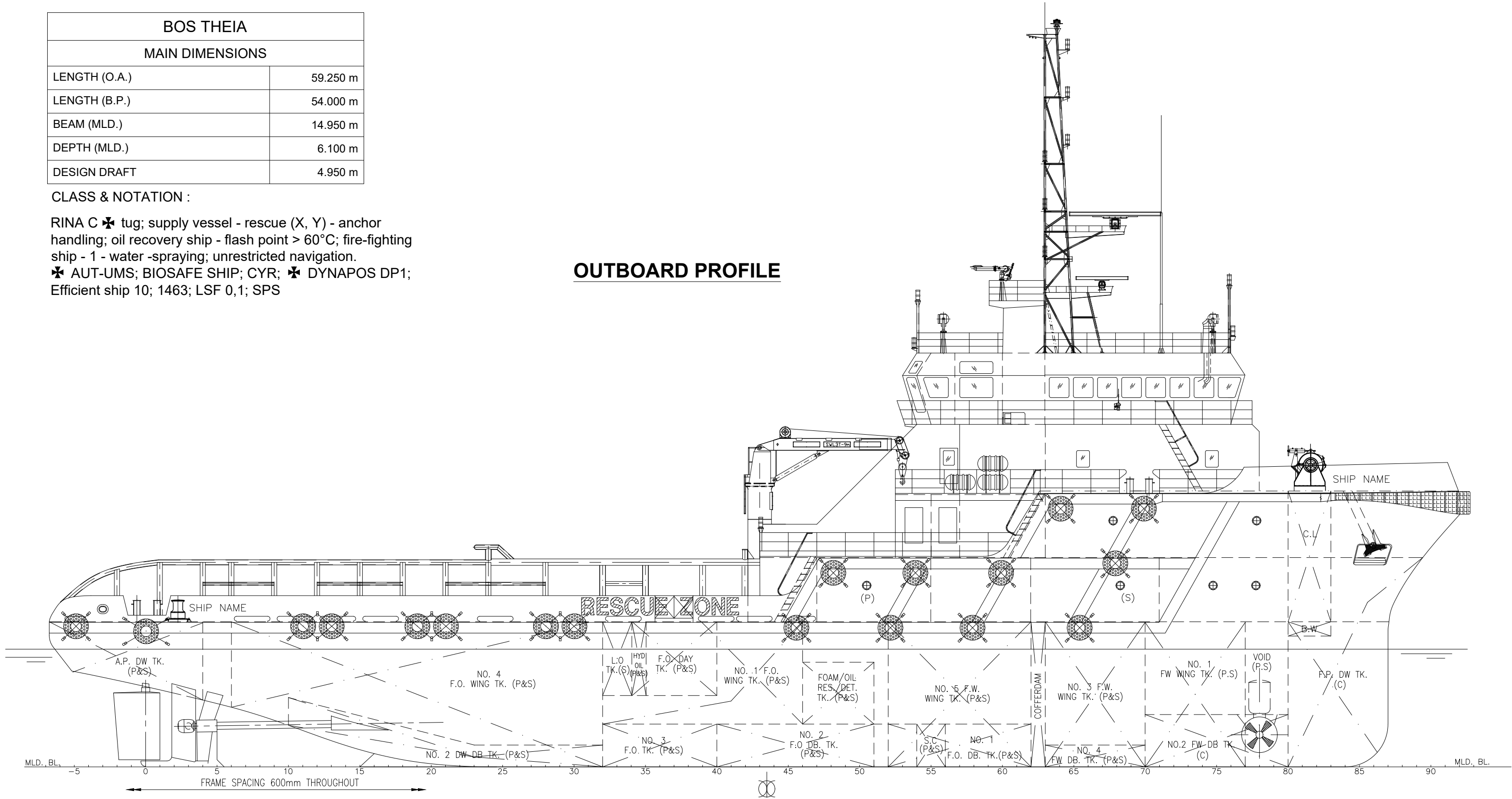
Equipment	Capacity / Rating
FiFi System	FiFi-1
Pumps	2 × 1,200 m ³ h ⁻¹
Monitors	2
Throw × Height	120 m × 50 m
Spray Booms	Yes
Rescue Boat	25 HP OBM, capacity 6 men

BOS THEIA	
MAIN DIMENSIONS	
LENGTH (O.A.)	59.250 m
LENGTH (B.P.)	54.000 m
BEAM (MLD.)	14.950 m
DEPTH (MLD.)	6.100 m
DESIGN DRAFT	4.950 m

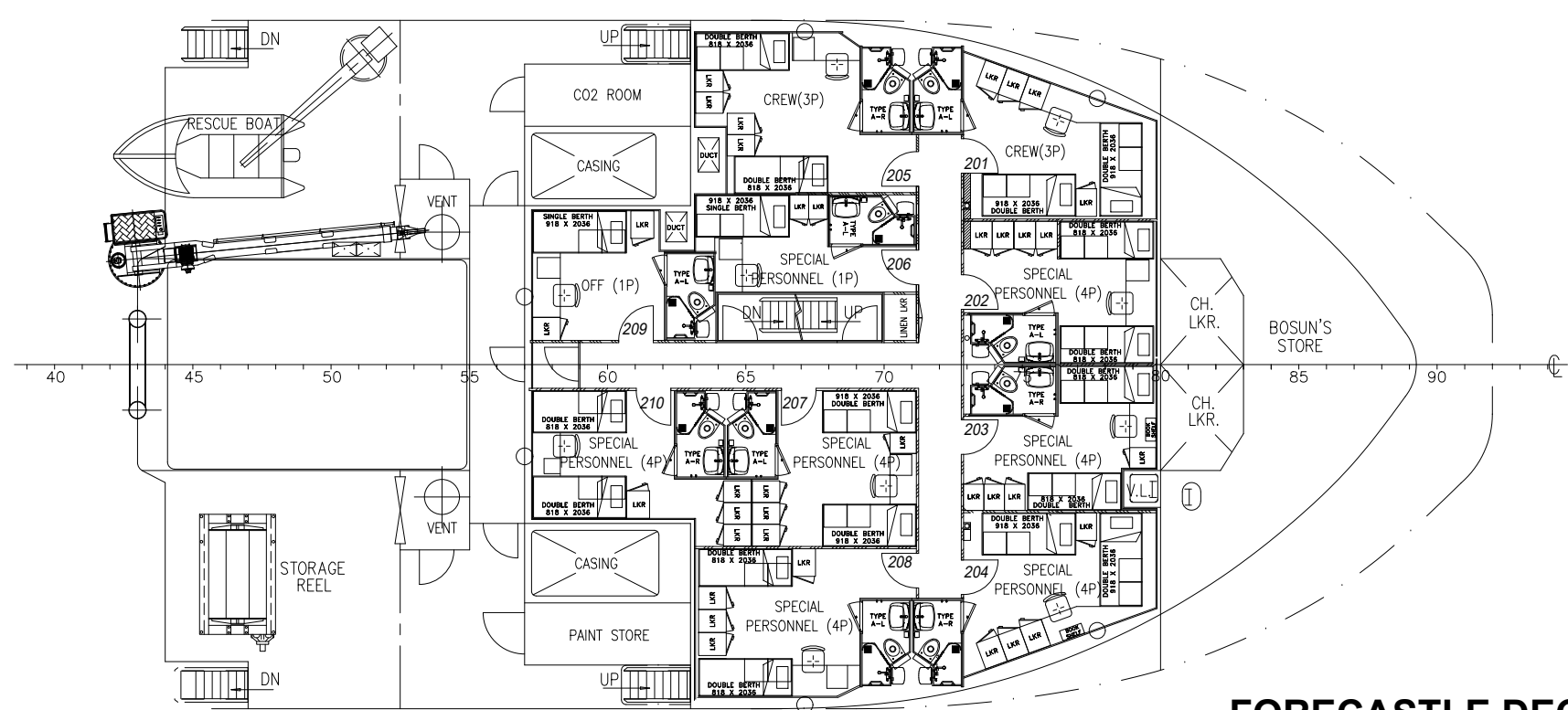
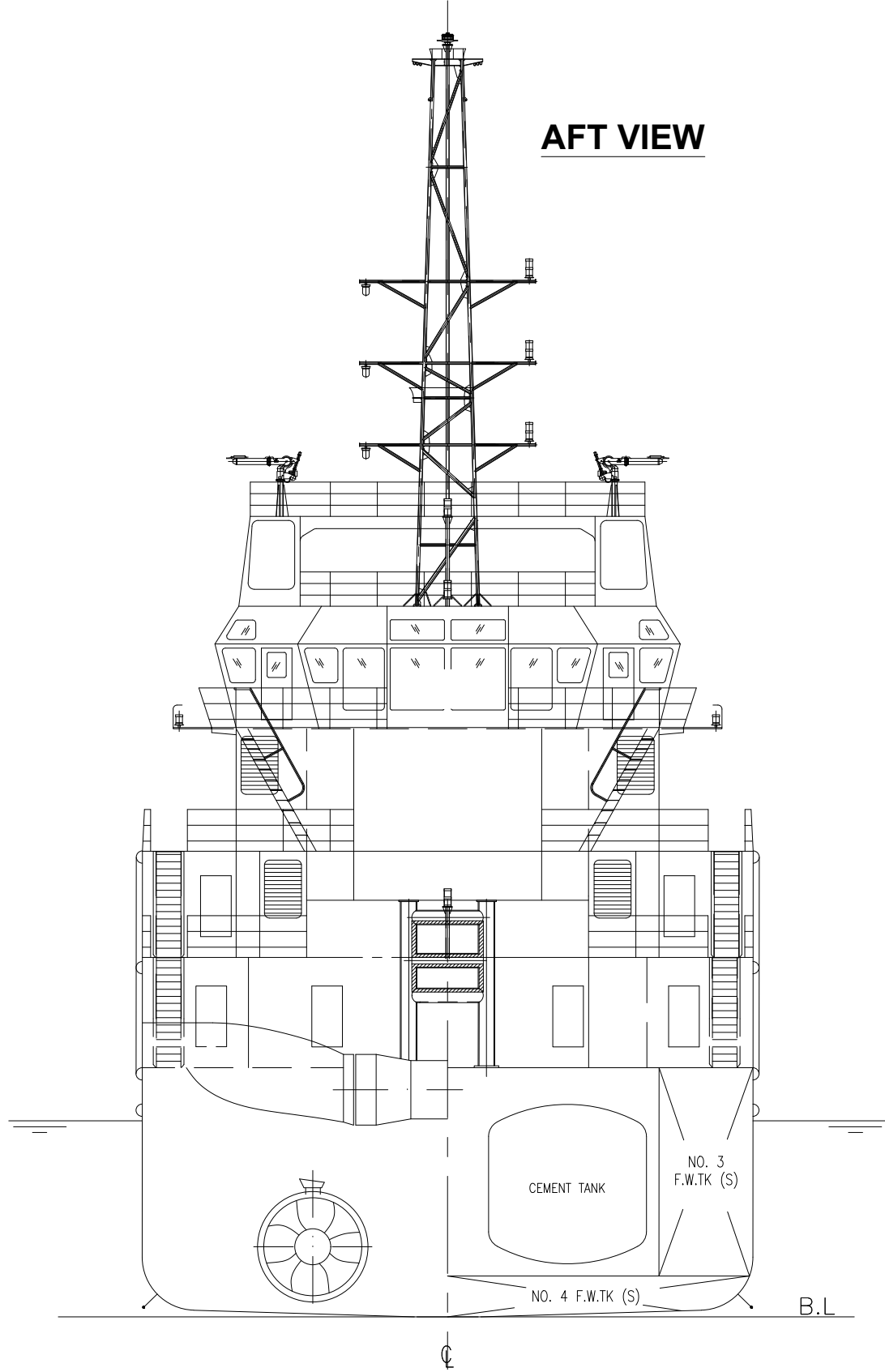
CLASS & NOTATION :

RINA C ✱ tug; supply vessel - rescue (X, Y) - anchor handling; oil recovery ship - flash point > 60°C; fire-fighting ship - 1 - water -spraying; unrestricted navigation.
✱ AUT-UMS; BIOSAFE SHIP; CYR; ✱ DYNAPOS DP1; Efficient ship 10; 1463; LSF 0,1; SPS

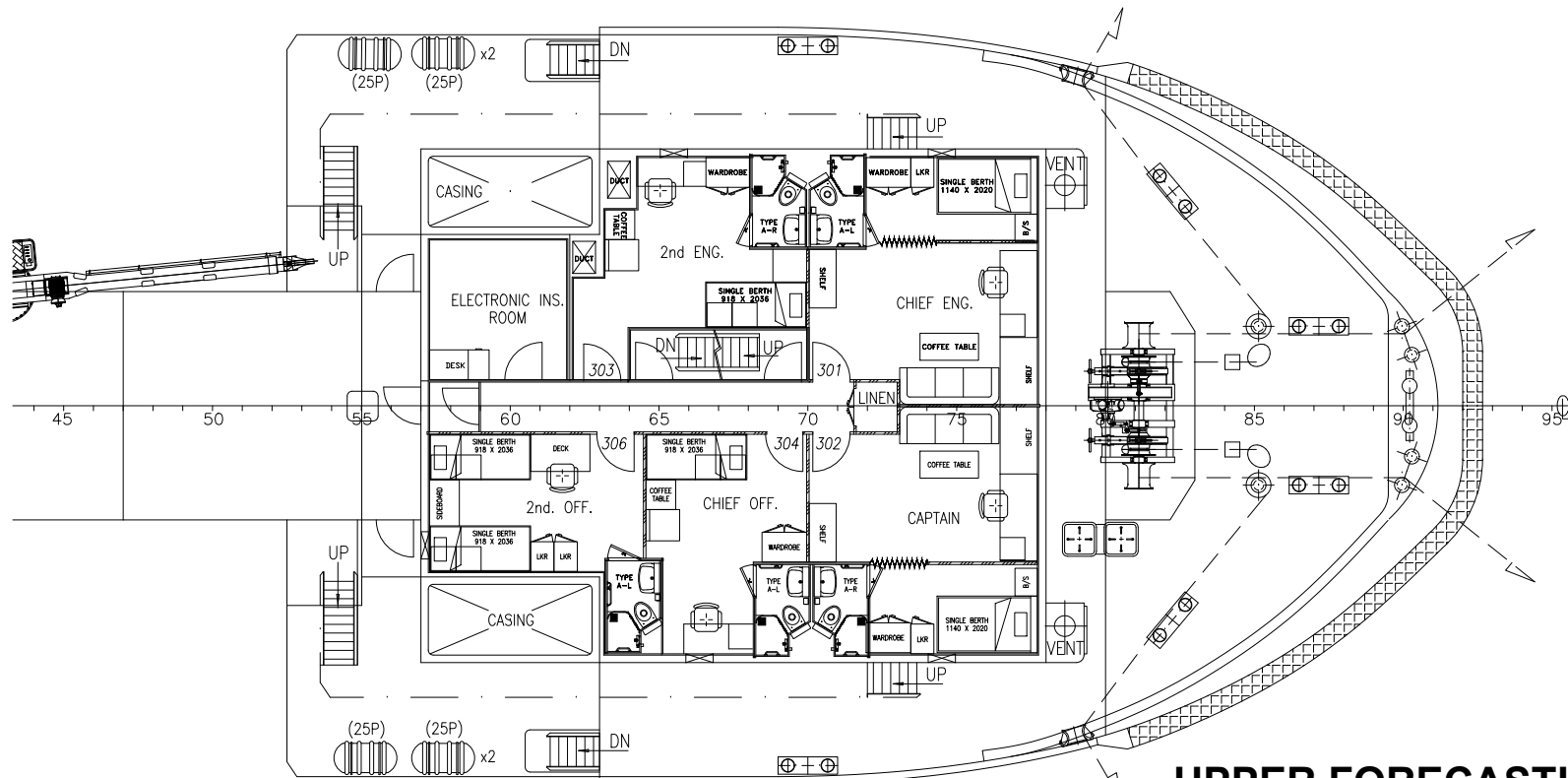
OUTBOARD PROFILE



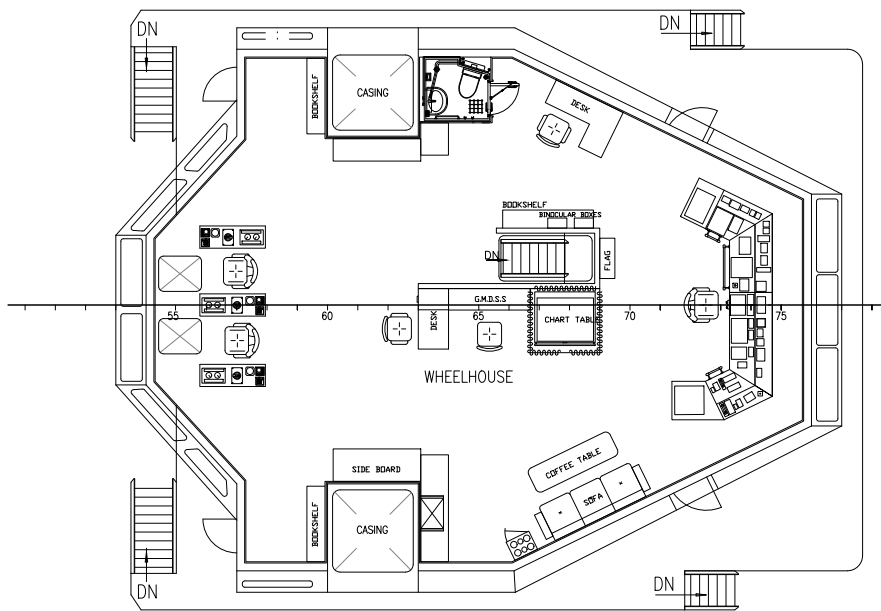
AFT VIEW



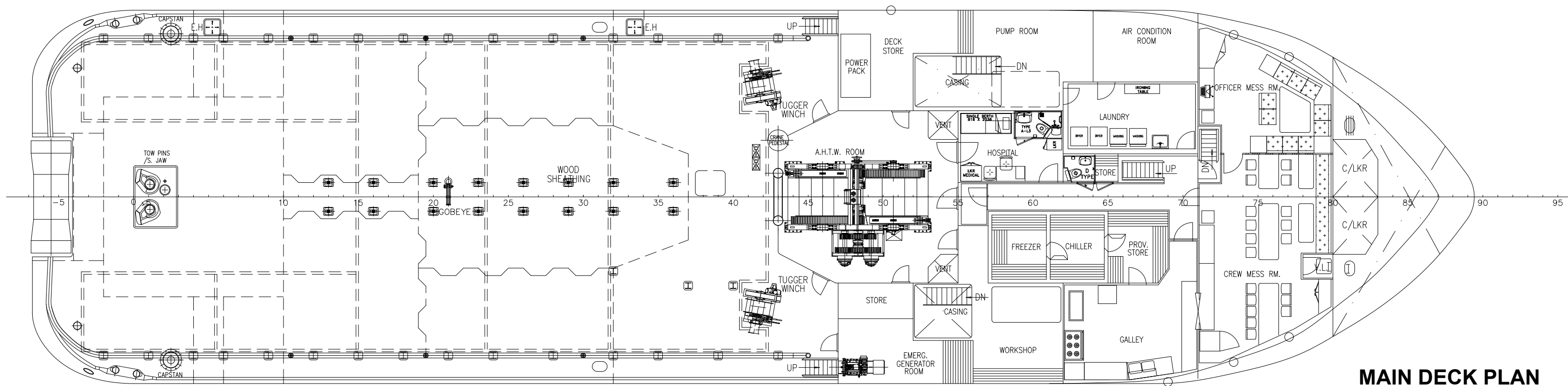
FORECASTLE DECK



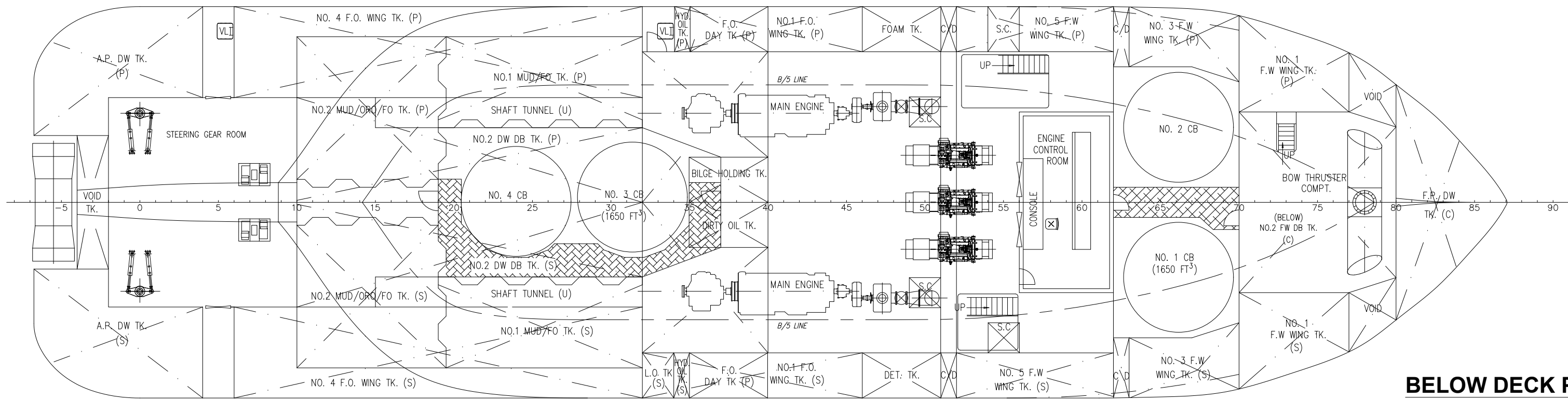
UPPER FORECASTLE DECK



BRIDGE DECK PLAN



MAIN DECK PLAN



BELOW DECK PLAN

C	REMOVED MEZZANINE SPECIAL DAVIT AND SEISMIC WORKBOAT	15/12/2022	Tekno C.
B	UPDATED ACCORDING TO IMO 2008 SPECIAL PURPOSE SHIPS (SPS) CODE / CONVERTED TO MUD/F.O. TANKS	26/04/2014	Tekno C.
A	CONVERTED MUD TANKS NR.2 (P&S) TO MUD/ORO TANKS	17/01/2023	Tekno C.
REV.	DESCRIZIONE MODIFICHE	DATA	FIRMA
 Britoil Offshore Services S.r.l. Piazza della Vittoria 10/7 16121 - GENOVA - ITALY		SCALA	DATA
		1:100	07/08/2012
APPROV. N° DATA I° APPROV. N° DATA I°		DIS. N°	
		VTE-000-003	
		TAV. 1/1	
		FILE: teknoconsulting.com	
DIS.	VERSO		
LA DITTA SI RISERVA, A TERMINI DI LEGGE, LA PROPRIETÀ DI QUESTO DISEGNO CON DIVIETO DI RIPRODURRE O DI RIVENDERE COMEUNQUE NOTO A TERZO O A DITTE CONCORRENTI SENZA LA SUA AUTORIZZAZIONE			