



BOS APHRODITE

5,150 BHP | 65 t BP | DP1 AHTS

Class Notation: Tug; Supply Vessel; Anchor Handling; Fire-Fighting Ship 1 with water spraying; Oil Recovery Ship – flash point > 60 °C; Unrestricted Navigation; Biosafe Ship; Efficient Ship 10

Main Particulars

Particular	Detail
Flag	Gibraltar
IMO	9552173
Call Sign	9V8666
Built	2011
Length Overall	59.25 m
Depth (Moulded)	6.10 m
Breadth (Moulded)	14.95 m
Max Summer Draft	4.95 m
Gross Tonnage	1,678 t
Net Tonnage	503 t
Deadweight	1,360 t

Main Engines & Generators

Component	Specification
Main Engines	2 × CAT 3516B
Generators	2 × CAT C18, 350 kW
Shaft Generators	2 × 800 kW
Emergency Generator	1 × CAT, 65 kW

Thrusters & Propulsion

Component	Specification
Bow Thruster	1 × Kawasaki KT-72B3, 515 kW
Stern Thruster	1 × Kawasaki KT-55B3, 390 kW
Propellers	2 × CPP in fixed Kort nozzles

Deck & Anchor-Handling Equipment

Equipment	Rating / Size
Tow / AH Winch	Plimsoll Waterfall
Stall Pull Capacity	150 t
Brake Holding Capacity	200 t
Tow Drum Capacity	1,000 m × ø56 mm
Anchor Handling Capacity	1,000 m × ø56 mm
Main Tow Wire	1,000 m × ø56 mm
Spare Tow Wire	1,000 m × ø56 mm
Anchor Handling Wire	150 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

Accommodation

Item	Capacity
Crew	13
Passengers	12
Hospital	Yes

Performance

Mode	Speed	MGO Consumption
Max Speed	12 kn	11.5 MT d ⁻¹
Economical Speed	8 kn	6 MT d ⁻¹

Tank Capacities & Discharge Rates

Tank	Capacity	Discharge Rate
Fuel Oil	535 m ³	150 m ³ h ⁻¹ @ 75 m head
Fresh Water	360 m ³	100 m ³ h ⁻¹ @ 75 m head
Drill Water	253 m ³	100 m ³ h ⁻¹ @ 75 m head
Brine / Mud	378 m ³	75 m ³ h ⁻¹
Dry Bulk	4 × 1,650 ft ³ each	

Cargo Deck

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

Deck Crane

Equipment	Rating / Size
Deck Crane	1 × 3 t @ 9 m

Dynamic Positioning (DP) System

Instrument	Model / Detail
DP Class	1 - Kongsberg
References	1 × DGPS DPS 110; 1 × DGPS DPS 112
Joystick	Yes

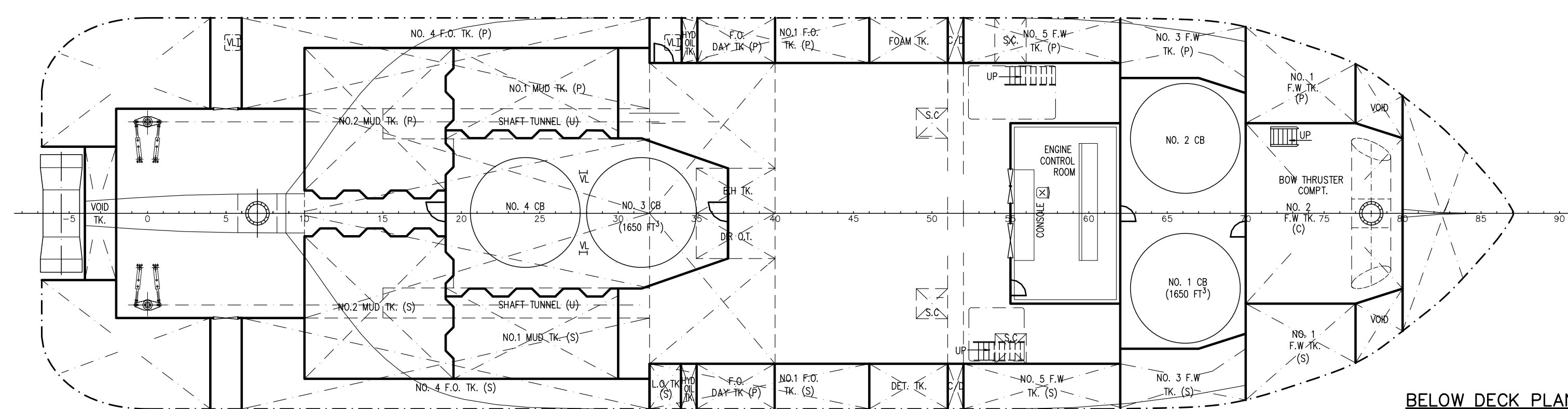
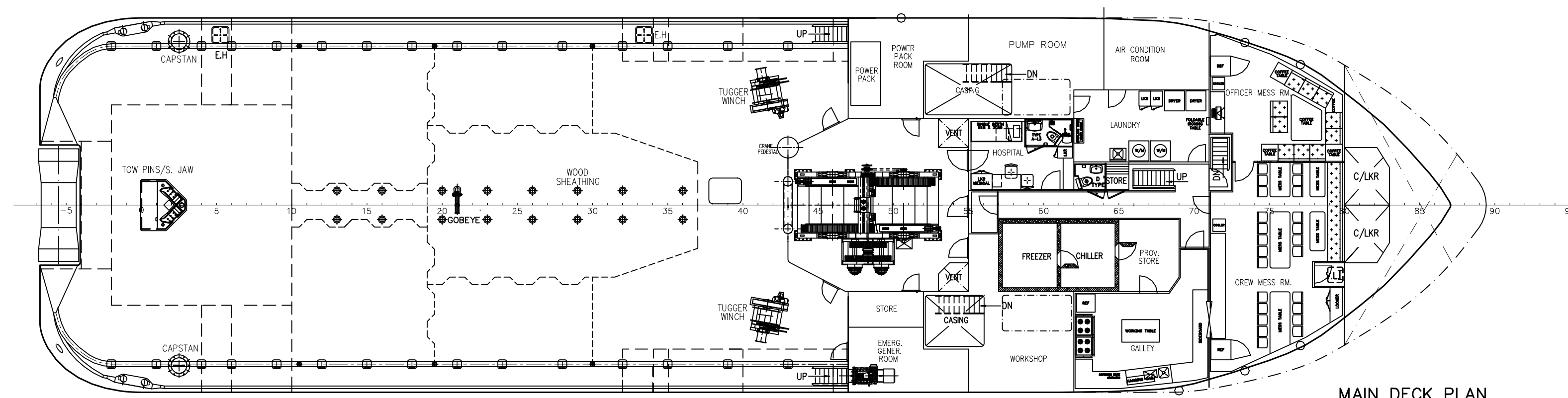
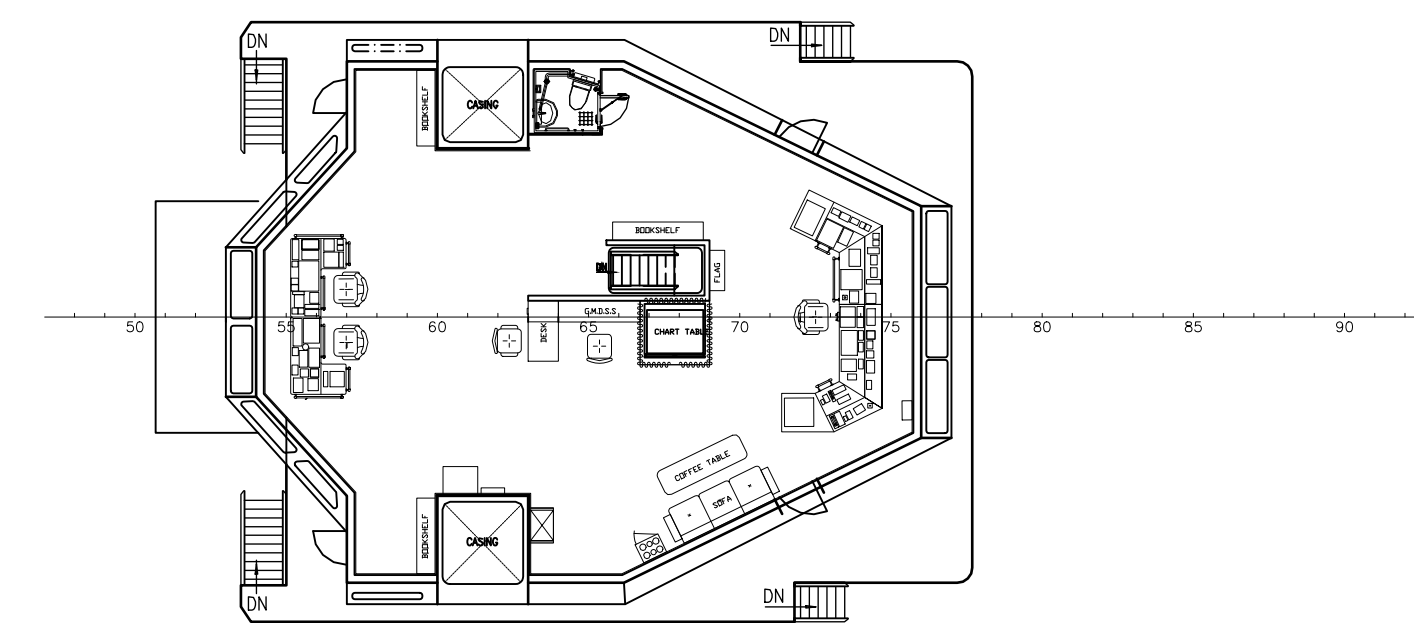
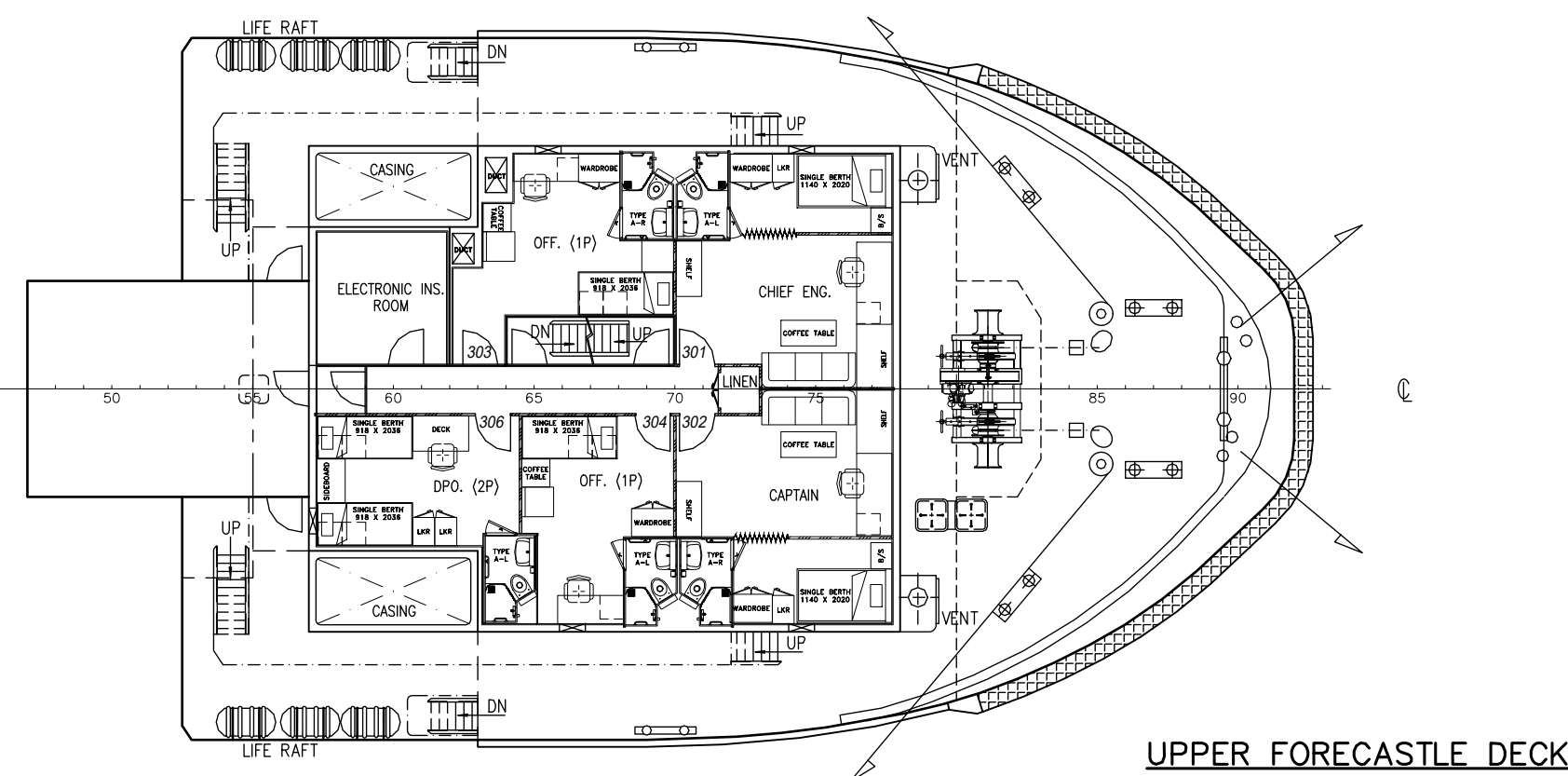
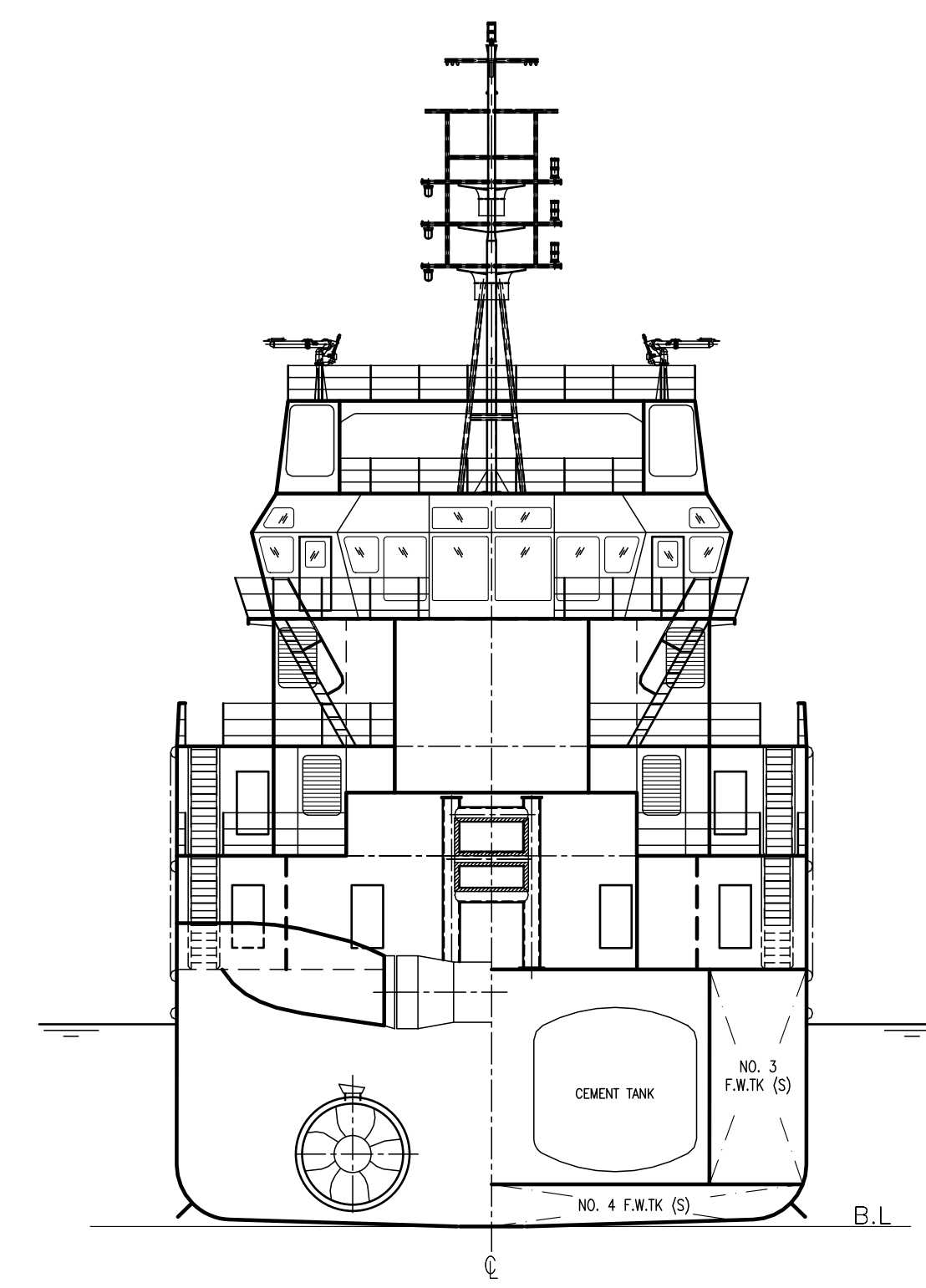
Fire-Fighting & Rescue

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

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

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<u>BOS APHRODITE</u>	
<u>MAIN DIMENSIONS</u>	
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
GROSS TONNAGE	1678 T
NET TONNAGE	503 T
CLASS	RINA
FLAG	GIBALTAR
HULL Nr.	DN59M-75
SHIPYARD	Fujian Southeast Shipyard

REV.		DESCRIZIONE MODIFICHE		DATA	FIRMA
				SCALA	DATA
				/	20/02/2017
					
Britoil Offshore Services S.r.l.					
Piazza della Vittoria 10/7 16121 - GENOVA - ITALY					
APPROV.		BOS APHRODITE IMO 9552173 — RI 96073 GENERAL ARRANGEMENT	DIS. N°		
N°			VAH-000-001		
DATA					
F					
APPROV.					
N°			TAV. 1/1		
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F			teknoconsulting.com		
DIS. :		VISTO:			

LA DATA SU RIGHEA IL TRATTO DI LEGGE LA MODIFICA DEL QUESITO DESCRIVENDO L'OGGETTO DELL'INTERVENTO E IL MANIPOLI CON LA QUALE SI NOTIFICA LA PRESENTAZIONE DELLA SOLUZIONE PROPOSTA.