

BOS PURPOSE

DWT 3,323 t | DECK 700 m² | DP2 PSV

Class Notation: Supply Vessel – rescue (X,Y); Oil Recovery Ship – flash point > 60 °C; fire-fighting ship – 1; unrestricted navigation; AUT-UMS; Biosafe Ship; Dynapos AM – R; Efficient Ship; MLC design; Remote; SPS; Sustainable Ship

Main Particulars

Particular	Detail
Flag	Italy
IMO	9664225
Call Sign	IBCU
Built	2013
Length Overall	75 m
Length Between Perpendiculars	67.853 m
Depth (Moulded)	8.0 m
Breadth (Moulded)	17.25 m
Max Draft	6.6 m
Gross Tonnage	2,937 t
Net Tonnage	924 t
Fuel Type	ISO 8217:2005 DMA or later revisions

Machinery & Propulsion

Component	Specification
Main Engines	2 × 3,000 hp @ 750 rpm (total 6,000 hp); Niigata 8L28HX
Main Propulsion	2 × Niigata Z-Peller azimuth thrusters
Bow Thrusters	2 × 650 kW
Main Generators	3 × CAT C18, 450 kW
Shaft Generators	2 × 1,000 kW
Emergency Generator	1 × CAT C4.4, 80 kW

Cargo Deck

Parameter	Value
Clear Deck Area	700 m^2
Deck Strength	5.5 t m^{-2}

Deck & Mooring Equipment

Equipment	Rating / Detail
Tugger Winches	2 × 10 t @ 24 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
Crew	14
Passengers (Special Personnel)	36
Hospital	1
Cabins	6 × 1-berth; 22 × 2-berth
Total Berths	50

Performance

Mode	Speed	MGO Consumption 24 h
Transit	12 kn	About 13 MT d^{-1}
Economy	10 kn	About 9 MT d^{-1}
Economy (low)	8 kn	About 7 MT d^{-1}
In Port	—	About 0.5 MT d^{-1}
DP Mode	—	About 6 MT d^{-1}

**subject to weather and operating conditions*

Tank Capacities & Discharge Rates

Tank / Medium	Capacity	Discharge Rate
Fuel Oil	775 m^3	—
Fresh Water	550 m^3	2 × 10 m^3 d^{-1}
Mud / Brine	739 m^3	—
Drill Water	1,322 m^3	—
Dry Bulk	228 m^3	—

Dynamic Positioning (DP) System & Navigation Equipment

Instrument	Model / Detail
DP Class	2
System	Kongsberg DPS2
References	2 × DGPS; 1 × CyScan; 1 × RadaScan
Radar No. 1	Furuno FAR-2137, S-band
Radar No. 2	Furuno FAR-2117, X-band
GPS	Furuno GP-150
Echo Sounder	Furuno FE-700
Autopilot	Raytheon Anschütz PilotStar-D
Gyro Compass	Digital Gyro STD 22 × 3

Communications Equipment

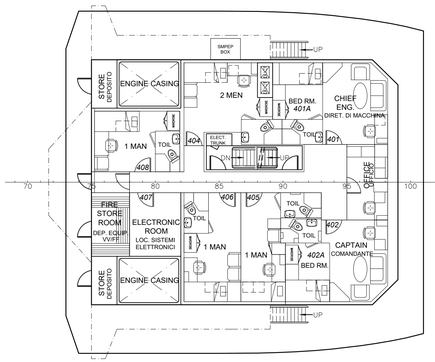
Instrument	Model / Detail
HF Radio	Furuno FS-2575C
VHF Radio	2 × Furuno FM-8800S
Portable VHF Radio	3 × McMurdo R2 GMDSS handheld
Satellite EPIRB	McMurdo SMARTFIND E5
Inmarsat	Inmarsat “C”
NAVTEX Receiver	Furuno NX-700
Satellite (Voice and Fax)	VSAT / IRIDIUM
GMDSS Compliance	Area A1 + A2 + A3

Fire-Fighting & Rescue

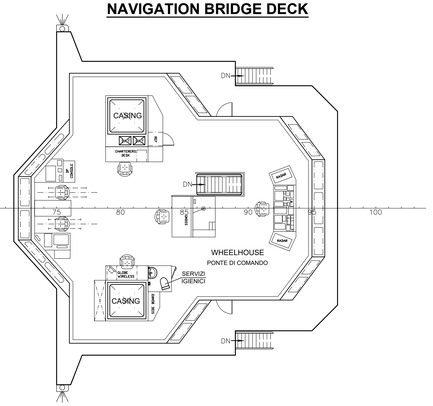
Equipment	Capacity / Rating
Firefighting Class	FiFi-1
Pumps	3,000 m^3 h^{-1}
Monitors	2 × 1,200 m^3 h^{-1}
Throw × Height	120 m × 50 m
Spray Booms	Fitted
Oil Recovery	Fitted
Life Rafts	6 × (total capacity 150 persons)
Rescue Boat	1 × 6-person FRC, SOLAS approved

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

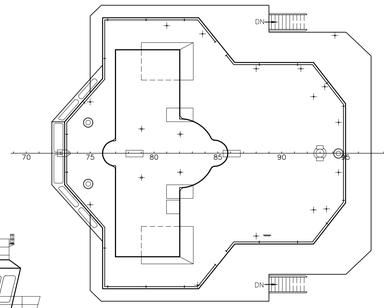
OFFICER DECK PLAN



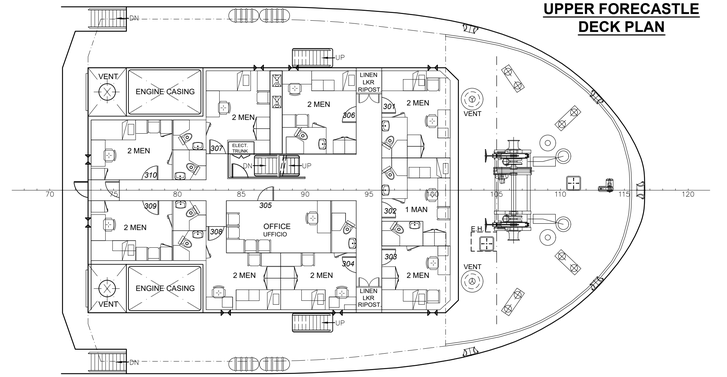
NAVIGATION BRIDGE DECK



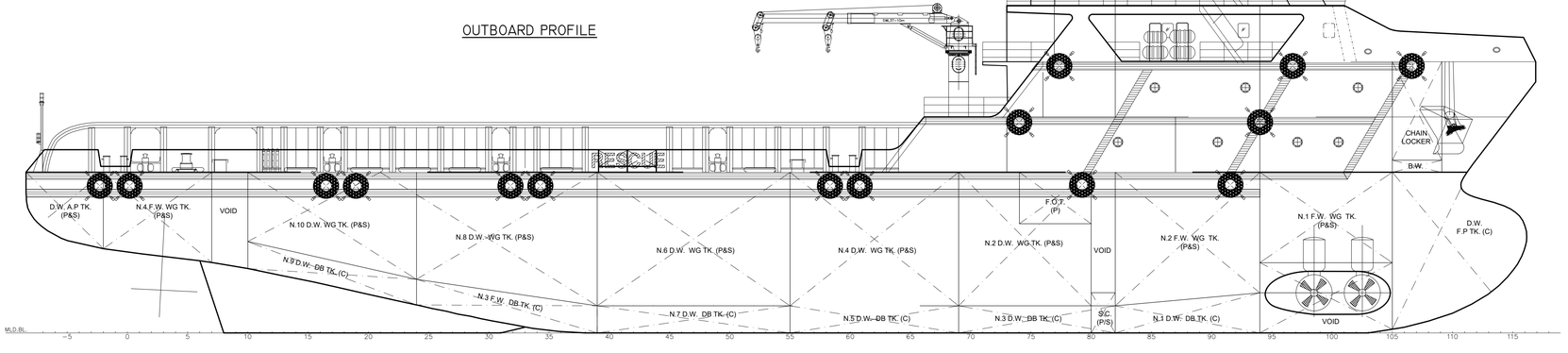
TOP OF NAVIGATION BRIDGE DECK



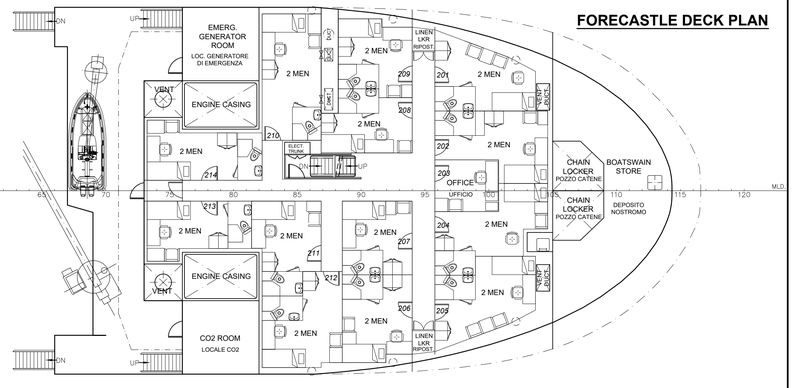
UPPER FORECASTLE DECK PLAN



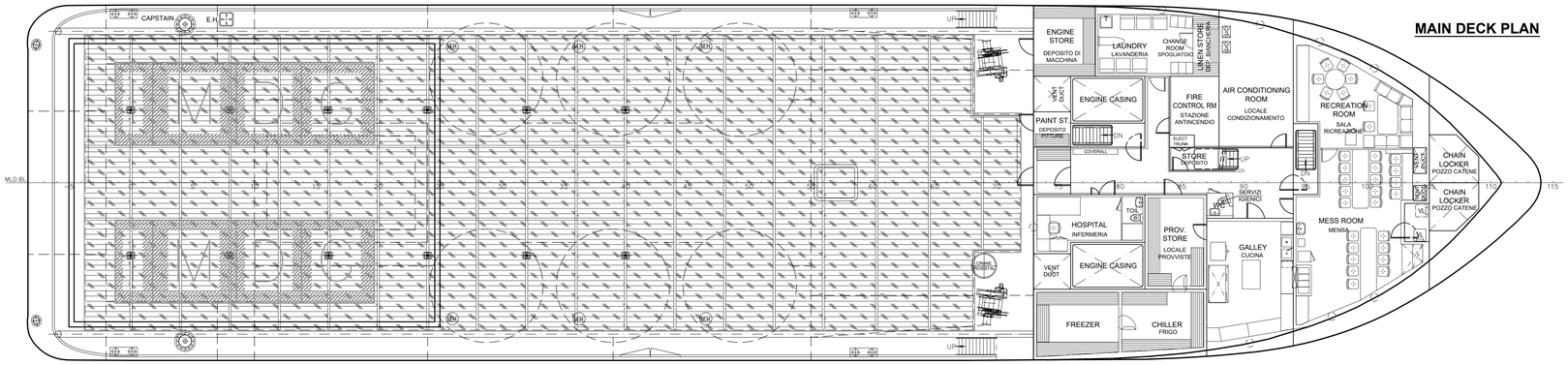
OUTBOARD PROFILE



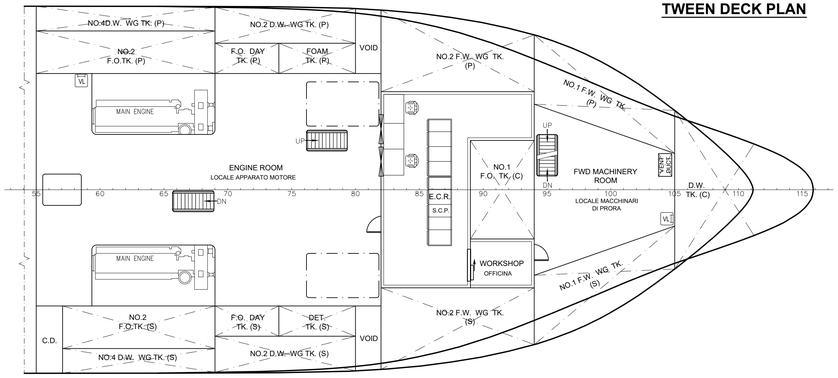
FORECASTLE DECK PLAN



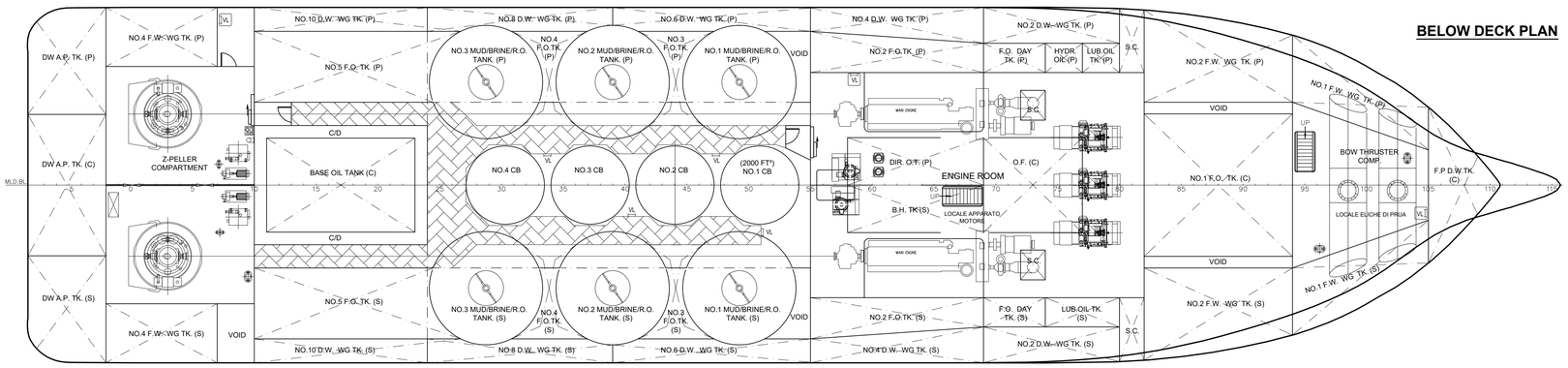
MAIN DECK PLAN



TWEEN DECK PLAN



BELOW DECK PLAN



P.S.V. "BOS PURPOSE" MAIN DIMENSIONS / DIMENS. PRINCIPALI		
LENGTH (O.A.) / Lunghezza Fuori Tutto	75.000	M
LENGTH (B.P.) / Lunghezza fra le Perpendicolari	67.853	M
BEAM (MLD.) / Larghezza	17.250	M
DEPTH (MLD.) / Altezza di Costruzione	8.000	M
MAX DRAUGHT / Immersione massima	6.600	M
GROSS TONNAGE / Stazza Lorda	2937	T
NET TONNAGE / Stazza Netta	924	T
FLAG / Bandiera	ITALY	
HULL Nr. / Numero di Costruzione	DN75M-7	
SHIPYARD / Cantiere di Costruzione	Fujian Southeast Shipyard	
CLASS / Registro di Classe	RINA	

C+ supply vessel - rescue; oil recovery ship - flash point > 60 °C; fire-fighting ship - 1; unrestricted navigation; + AUT-UMS; BIOSAFE SHIP; CYR; + DYNAPOS AM - R; Efficient ship 10; 3301; LSF 0.1%; REMOTE; SPS

REV.	DESCRIZIONE MODIFICHE	DATA	FIRMA

Britoil Offshore Services S.r.l.
Piazza della Vittoria 10/7
16121 - GENOVA - ITALY

SCALA 1:125 — DATA 02/05/2016

APPROV. / N° / DATA / I°

APPROV. / N° / DATA / I°

DIS. / VISTO:

BOS PURPOSE
IMO 9664225 — RI 91997

PIANO GENERALE
GENERAL ARRANGEMENT

DIS. N° VPU-000-003

TAV. 1/1

FILE: teknoconsulting.com

LA DITTA SI RISERVA, A TERMINI DI LEGGE, LA PROPRIETÀ DI QUESTO DISEGNO CON DIVIETO DI RIPRODURLO O DI RENDERLO COMUNQUE NOTO A TERZI O A DITTE CONCORRENTI SENZA LA SUA AUTORIZZAZIONE