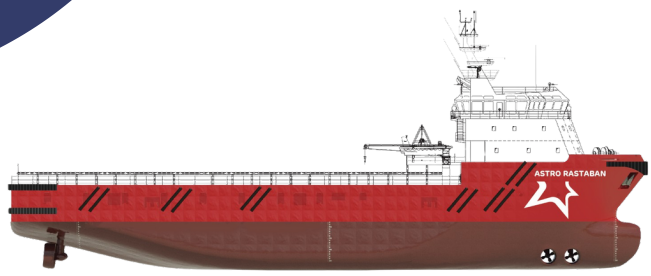
Astro Offshore
An Adani Group Company



ASTRO RASTABAN

78M DP2 PLATFORM SUPPLY VESSEL

GENERAL

Flag:	Marshall Islands
IMO No.:	9761578
Call Sign:	V7A7371
MMSI Sign:	538010752
Year Built:	2023
Class:	ABS
Classification:	+A1, Offshore Support Vessel (FFV2, OSR-C1, SPS, SupplyHNLS), E + AMS + ACCU, + DPS-2

PRINCIPAL PARTICULARS

Length OA:	78.00m
Breadth Moulded:	18.60m
Depth:	7.80m
Draft:	6.40m
Deadweight:	4,000T
Gross Tonnage:	3,677T
Net Tonnage:	1,171T
Dynamic Positioning:	DP2 (Kongsberg K-POS DP-21)

PERFORMANCE

Eco Speed:	8 Knots
Max Speed:	13 Knots

MACHINERY

Main Engines:	2 x 2,353kW Niigata, Model 8L28HX
Main Generators:	3 x 940kW Caterpillar C32 1 x 1,200kW Caterpillar 3512C Total: 4,020 kW (5,391 BHP)
Emergency Generator:	1 x 95kW, C4.4
Propellers:	Azimuth Thrusters x 2 Niigata | Model ZP-41
Bow Thrusters:	2 x 1,000kW, CPP Tunnel

SAFETY EQUIPMENT

Fire Fighting:	FiFi Class 2
Discharge Rates:	2,400m³ / hr
Monitors:	3 x Remote Controlled Monitors

RESCUE EQUIPMENT

FRC Boat:	1 x 6 meters
Rescue Boat:	1 x 9 persons Capacity
Search Lights:	2 x 2,000W (Manual Operated)

ACCOMMODATION

One Man Cabins:	9
Two Man Cabins:	3
Four Man Cabins:	11
Total POB:	59
Medical Bay	1

DECK EQUIPMENT

Deck Crane:	1 x 2T SWL @ 10m radius
Deck Space:	800m²
Deck Cargo:	2,000T
Deck Strength:	10.0T / m²
Winch Model:	SMEQ-HTGW-SD-10B15
Oily Water Separator:	Installed (According to MEPC 107(49)
Reefer Points:	12 Nos @ 440V & 4 Nos @ 220V

CAPACITIES

Fuel Oil:	1,030m³
Drill Water:	1,405.2m³
Potable Water:	700m³
Base Oil:	218.4m³
Liquid Mud / Brine:	835m³
Dry Bulk:	300m³
Methanol:	222.4m³

DISCHARGE RATES

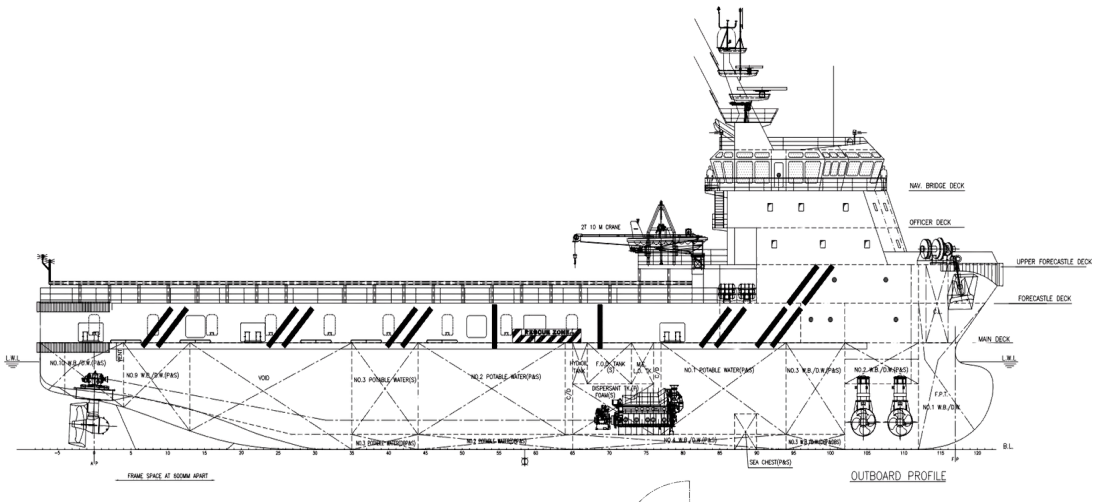
Fuel Oil:	2 x 150m³ / hr x 80m
Drill Water:	2 x 150m³ / hr x 80m
Potable Water:	1 x 150m³ / hr x 80m
Base Oil:	2 x 150m³ / hr x 80m
Liquid Mud / Brine:	2 x 100m³ / hr @ 20 Bar
Dry Bulk:	2 x 23.4m³ / min @ 5.6 BAR
Methanol:	2 x 50m³ / hr x 80m

NAVIGATION

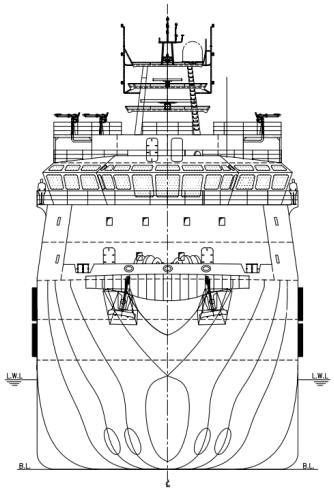
ECDIS:	1
AIS:	1
Radars:	2
DGPS:	2
Echo Sounder:	1
Autopilot:	1
Gyro Compass:	3
Speed Log:	1

COMMUNICATION

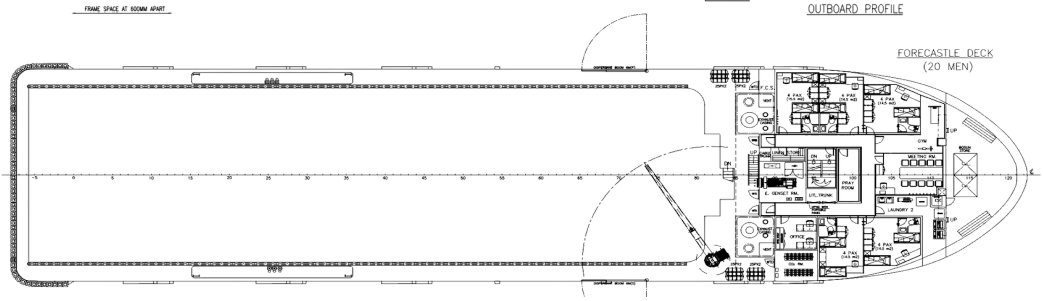
GMDSS:	1 x Inmarsat C Area A1, A2 & A3 Operations
VHF Radio:	4
EPIRB:	1
SART:	2
VDR:	Fitted
SSAS:	1
Starlink:	1
FBB:	1



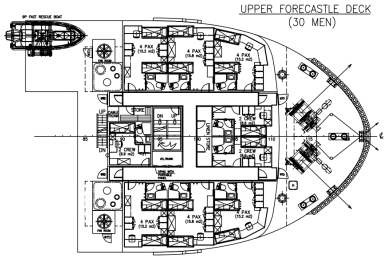
OUTBOARD PROFILE



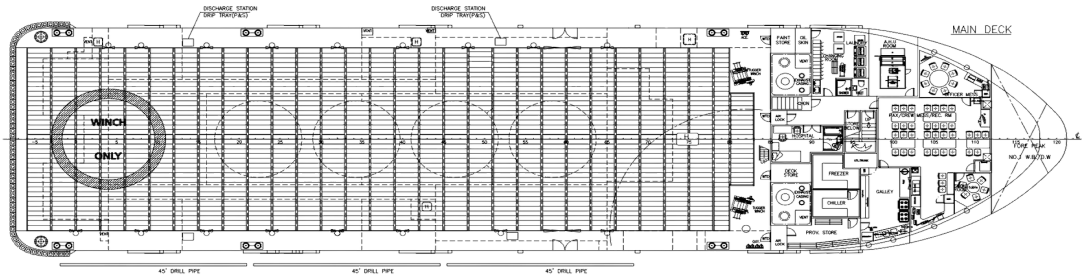
FRONT VIEW



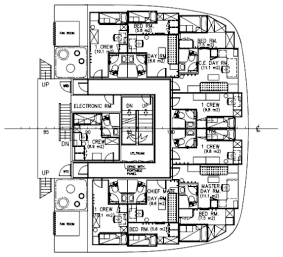
FORECASTLE DECK (20 MEN)



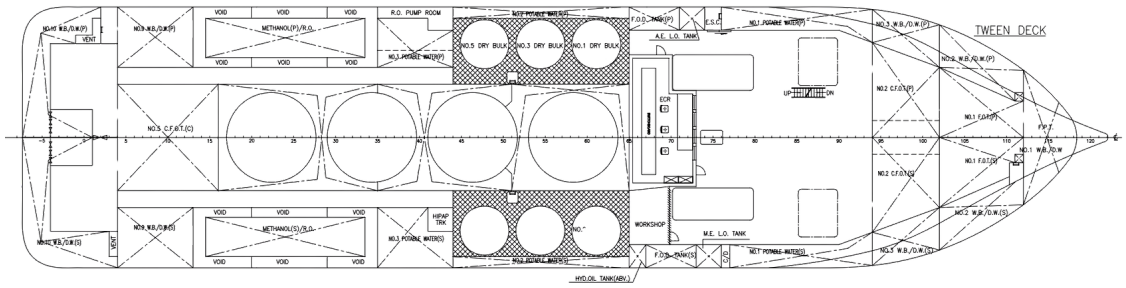
UPPER FORECASTLE DECK (30 MEN)



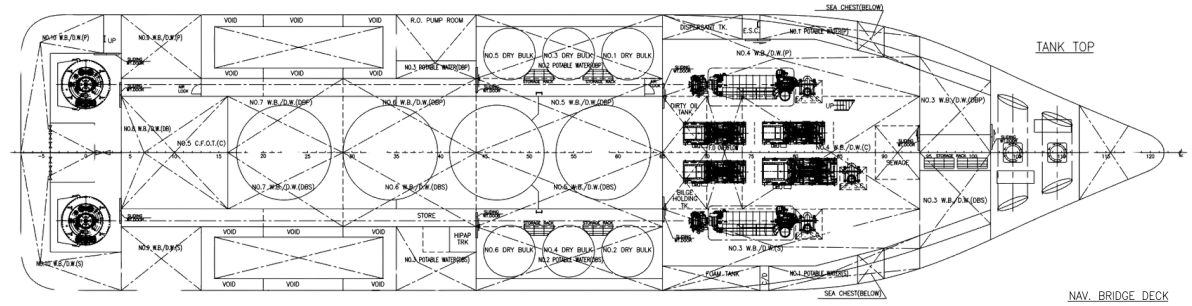
MAIN DECK



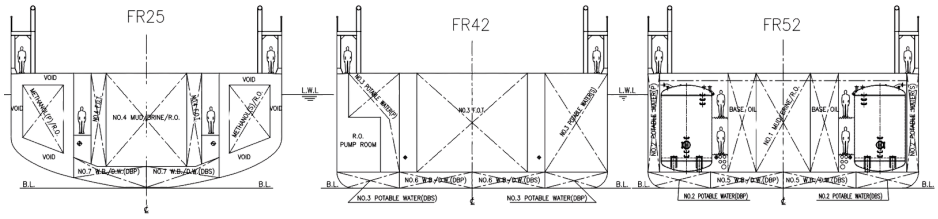
OFFICER DECK (9 MEN)

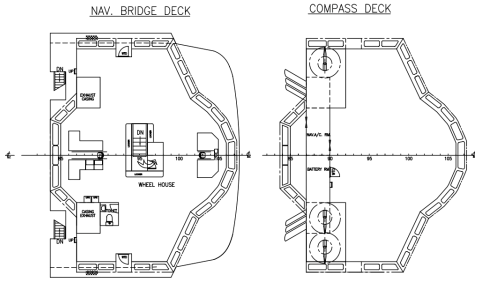


TWEEN DECK



TANK TOP





NAV. BRIDGE DECK

COMPASS DECK

All particulars are believed to be correct but without guarantee