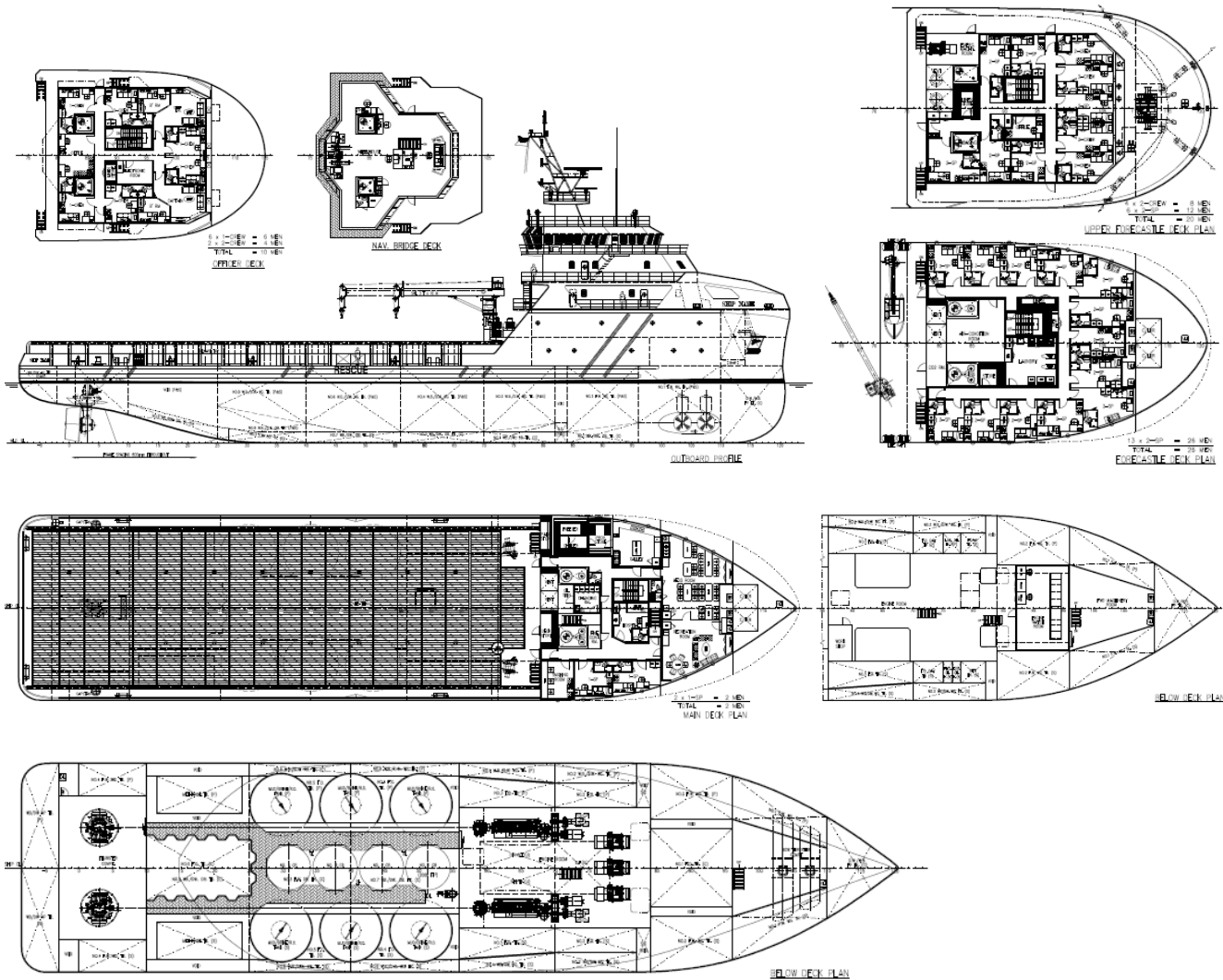


78M 6400PS DP-2 Platform Supply Vessel



MAIN PARTICULARS

Length Overall	: 78.00M
Length BP	: 72.38M
Breadth Moulded	: 18.40M
Depth Moulded	: 7.80M
Draft Moulded	: 6.45M
Deadweight	: ~4000 T
Gross Tonnage	: ~3400 T
Speed	: ~14 knots
Class Notation	: ABS + A1 (E), Offshore Support Vessel (Supply, FFV 1, OSR-C2) + AMS + ACCU + DPS-2, SPS

CARGO CAPACITIES

Clear Deck Area	: ~750 M ²
Deck Cargo	: ~1500 T
Deck Loading	: 7.0 T/M ³
Fuel Oil	: ~850 M ³
Fresh Water	: ~550 M ³
Drill Water / S.W Ballast	: ~1500 M ³
Bulk Cement	: ~226 M ³ (4 x 2000ft ³)
Mud / Brine / Rec	: ~750 M ³
Foam	: ~14 M ³
Detergent	: ~14 M ³
Methanol	: ~185 M ³

PROPULSION /MACHINERY

Main Engine	:	2 X 3200PS @ 750rpm, Niigata
Propeller	:	Twin Azimuth propellers, Niigata
Bow Thruster	:	2 x 12.0T Kawasaki, CPP type
Main Generator	:	3 x 450 KW, Caterpillar C18, 415V/50Hz
Shaft Generator	:	2 x 1230KW
Emergency Generator	:	1 x 95kW, 415V/50Hz, Caterpillar C4.4

ACCOMMODATION

8 x 1 man cabin	:	8 men
25 x 2 men cabin	:	50 men
Total	:	58 men
Hospital	:	1 man
Chiller	:	~28 days
Freezer	:	~28 days
Provision Store	:	~28 days

DYNAMIC POSITIONING SYSTEM

Kongsberg dynamic position system per ABS DPS-2 requirement

LIFE SAVING EQUIPMENT

Life Raft (SOLAS)	:	6 x 25 men
Life Raft (SOLAS)	:	2 x 15 men
Work Vest	:	6 sets
First Aid Kit	:	1 x 25 men
Rescue Boat w Davit (diesel powered)	:	1 x 6 men
Oxygen Resuscitator	:	1 set
Immersion Suits	:	64 sets
EEBD	:	9 sets

NAVIGATION EQUIPMENT

GMDSS Sea Area A1+A2+A3	:	Shipset
X-band radar range 96NM	:	1 set
S-band radar range	:	1 set
Echo Sounder	:	1 set
GPS	:	1 set
Navtex	:	1 set
Weather Facsimile Receiver	:	1 set
Autopilot	:	1 set
Gyro Compass (w DP system)	:	3 sets
Immertsat-C	:	2 sets
Magnetic Compass	:	1 set
Speed Log	:	1 set
SART	:	2 sets
EPIRB	:	1 set
Automatic Identification System (AIS)	:	1 set
VDR	:	1 set
Anemometer (w DP system)	:	3 sets
BNWAS	:	1 set

CARGO DELIVERY RATES

Fuel Oil Cargo	:	2 x 150 M ³ /hr @ 80M head
Fresh Water	:	1 x 100 M ³ /hr @ 80M head
Drill Water	:	1 x 100 M ³ /hr @ 80M head
Ballast	:	80 M ³ /hr @ 70M head
Bilge	:	60 M ³ /hr @ 50M head
Liquid Mud	:	2 x 75 M ³ /hr @ 80M head
GS/Fire	:	1 x 80 M ³ /hr @ 70M head
Methanol Pump	:	2 x 50 M ³ /hr @ 90M head
Air Compressor	:	2 x 20 M ³ /min @ 80psi
Liquid Mud Agitator	:	6 units

SUPPLY & DRAINAGE PLANT

Freshwater Maker	:	2 x reverse osmosis type, 10 T/day
Sewage Holding & Treatment System	:	For 60 persons
Oily Bilge Water Separator	:	1 x 1.0 M ³ /hr with oil content <15ppm
F.W. Hydrophore Plant	:	1 x 5M ³ /hr @ 35M head
S.W Hydrophore Plant	:	1 x 5M ³ /hr @ 35M head
Dispersant System	:	2 x 6M spray boom

DECK / AHT EQUIPMENT

Windlass	:	1 x electro-hydraulic type, 13T@ 12M/min for 46mm dia. Chain with 2 warping heads
Capstan	:	2 x electro-hydraulic type, 10T@25M/min
Tugger winch	:	2 x electro-hydraulic driven, 10T@24M/min
Anchor	:	2 x 1980kg high holding anchors
Deck Crane	:	1 x 3T @ 10M

EXTERNAL FIRE FIGHTING SYSTEM

External Fi-Fi	:	Class 1 c/w fixed water spray system
Fire Monitor	:	(water/foam) 2 x 1200 M ³ /hr, 120M throw length
Fire Pump	:	2 x 1790 M ³ /hr @ 12 bar
Sea Chest	:	2 x independent type
B.A. Recharging Compressor	:	1 x electric driven 200L/min @ 200 bar (meet FiFi-1 requirement)

INTERNAL FIRE FIGHTING SYSTEM

Emergency Fire Pump	:	1 x 35 M ³ /hr @ 70M head
CO ₂ Fixed Fire Fighting System	:	Provided in engine room
Fire Detection System	:	1
Firemain & Fire Hydrants	:	Shipset
Fireman Outfit	:	4 sets
Portable Fire Extinguishers	:	Shipset
Fire Blanket	:	2
Fire Axe	:	1