

SK PATRIOT

78.7M PLATFORM SUPPORT VESSEL | UT755 CD
 3100 DWT | DIESEL-ELECTRIC | DP 2 | FIFI 1

VESSEL PARTICULARS

Class	DNV ✕1A1 Fire fighter(I) BIS BWM(T) Supply Vessel Clean(Design) COMF(C-3, V-3) DK (+) DYNPOS(AUTR) EO HL(2.8) LFL(*) NAUT(OSV(A)) OILREC SF
Flag	Malaysia
P.O.R	Port Kelang
Year Built	2018
Builder	Nam Cheong Dockyard S/B
IMO	9538012
O.N.	335524
Call Sign	9MQR4



DIMENSION

L.O.A.	78.70 m
Beam	16.00 m
Depth	7.00 m
Draft (max)	5.80 m
GRT	3129
NRT	984

CARGO CAPACITIES

Deadweight	3139 Tonnes
Deck Cargo	1450 Tonnes
Deck Loading	5 Tonnes/m ²
Deck Area	670 m ²
Fresh Water	465 m ³
Drill/Bal Water	1386 m ³ / 1599 m ³
Fuel Oil	884 m ³
Base Oil	160 m ³
Mud	818 m ³
Brine	818 m ³
Methanol	135 m ³
Dry Bulk	251 m ³
Recovery oil	1101 m ³

ACCOMMODATION

1 Man cabin	8x 1 (8)
2 Men Cabin	8x 2 (16)
4 Men cabin	1x 4 (4)
Total	28 berths
Hospital	1 berth

PROPULSION & POWER PLANT

Propellers	2x 1470KW Azimuth Thrusters
Bow Thruster	2x 590KW, 10T Thrust each
Propulsion Motor	2x 1470KW 1200 rpm, 440V3Ph60Hz
Main Generator	4x 994KW, 440V3Ph60Hz
Emerg Generator	1x 99KW, 440V3Ph60Hz

DECK MACHINERY

Tugger winch	2x 10 Tonnes SWL
Capstan	2x 9 Tonnes SWL
Provision Crane	1x 3 Tonnes SWL @ 16 m radius

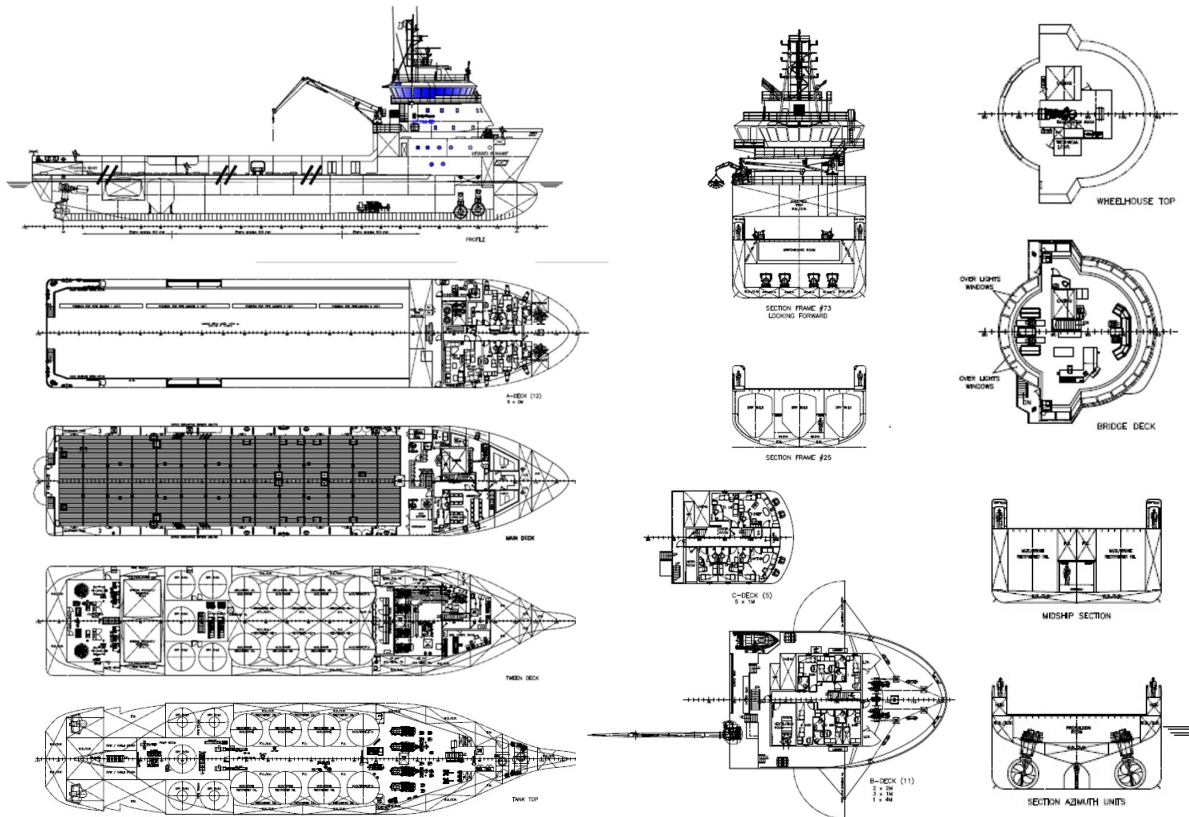
CARGO HANDLING CAPACITY

Fresh Water	1x 150 m ³ /hr @ 90 m head
Drill Water	1x 150 m ³ /hr @ 90 m head
Fuel Oil	1x 170 m ³ /hr @ 90 m head
Base Oil	1x 100 m ³ /hr @ 90 m head
Mud	2x 100 m ³ /hr @ 180 m head
Brine	1x 75 m ³ /hr @ 180 m head
Methanol	2x 80 m ³ /hr @ 90 m head
Dry Bulk	2x 22.8 m ³ /min @ 5.6 bar

PERFORMANCE

Speed	14.5 knots
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NAVIGATION EQUIPMENT

Radars, Magnetic Compass, Gyro Compasses, DGPSs, AIS Autopilot, Echo Sounder, Speed Log, Navtex, Weather Fax SSAS, BNWAS, (ECDIS)

COMMUNICATION EQUIPMENT

GMDSS A1+A2+A3, VSAT

FIRE-FIGHTING EQUIPMENT

External FiFi Pump: 2x 1600 m³/hr @ 135m
Monitor: 2x 1200 m³/hr (water)
Oil Dispersant 2x 6m spray booms with nozzles

SAFETY EQUIPMENT

Rescue Boat 1x 6 men Rescue Boat

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