

75M DP2 ACCOMMODATION WORKBOAT



TECHNICAL SPECIFICATION

Port of Registry	: Port Kelang	Builder	: Drydock-World Singapore Pte. Ltd. (formerly: Pan-United Marine Ltd)
Flag	: Malaysia	Hull No.	: H 183
		Year Built	: January, 2009
		Designer	: Conan Wu & Associates Pte Ltd
		Classification	: American Bureau Of Shipping (ABS + A1+AMS+DPS-2+ (E))

PRINCIPAL PARTICULARS	TANK CAPACITY	COMMUNICATION
Length O.A. : 75.00 M	SWB : 252 m ³ Approx.	Walkie Talkie : 6 units
Breadth Mould : 20.00 M	Fresh Water (Non-potable) : 650 m ³ Approx.	GMDSS Radio A3 : 1 complete set
Depth Mould : 6.50 M	Fresh Water (Potable) : 333 m ³ Approx.	
Summer Draft : 4.988 M	Drill Water : 120 m ³ Approx.	
GRT : 3276 Tons (approx.)	Fuel Oil : 485 m ³ Approx.	
NRT : 982 Tons (approx.)	Grey Water : 15 m ³ Approx.	
Free Deck Space : 485 m ² (approx)	LO Storage : 10.3 m ³ Approx.	
Performance : 13 Knots (approx) @ 100% MCR speed (Designed)	Bilge Holding : 15 m ³ Approx.	
	Dirty Oil : 15 m ³ Approx.	
	Sewage Holding : 26 m ³ Approx.	
	Hydraulic Oil : 20 m ³ Approx.	

ACCOMMODATION	NAVIGATIONAL AIDS	MACHINERY & AUXILIARY MACHINERY
Cabin : 4 x 1 man	DP System : DPS-2	Main Engines : 2 x 3000 PS @750rpm, Niigata-Diesel Engine
8 x 2 men	Navtex receiver : 1 unit	Main Propulsion : 2 x CPP with 360° Steerable, Z-Drive, with Kort Nozzle
45 x 4 men	Radar(96nm range) : 2 radars	Retractable Thrusters : 1 x FPP-Type Azimuth Thruster in Kort Nozzle (Motor Driven @ 705kW)
Total : 200 men	Echo Sounder : 1 unit	Bow thrusters : 1 x CPP-Type Tunnel Thruster (Motor Driven @ 735kW)
(Fully air-conditioned quarters)	Autopilot : 1 unit	Generating Sets : 3 x 590 KW, 440/3/60, Caterpillar
	Gyro Compass : 3 units	Emergency Generator : 1 x 99 KW, 440/3/60, Caterpillar
	Magnetic Compass : 1 unit	Shaft Alternator : 2 x 1250KW, 440/3/60, Stamford
	GPS Navigator : 1 unit	
	SART : 2 units	
	AIS : 1 unit	
	Speed Log : 1 unit	
	VDR : 1 unit	

SAFETY EQUIPMENTS	FIRE FIGHTING EQUIPMENT
Comply to SOLAS regulations includes engine room, machine space and accommodation area.	External : 1 x 300 m ³ /hr fire pump
	2 x 150 m ³ /hr fire monitors
	Internal : Accommodation cabins fitted with heat/ smoke fire detector & sprinkler system & complied to SOLAS

DECK MACHINERY AND FITTINGS	ANCHORING SYSTEM
Main Pedestal Crane : API 2C, ABS certified	Anchor Windlass : 1 x Anchor Windlass @ 46mm dia. Chain size
Boom Length : 41.2 meter Lattice boom type	Duty Pull : 10 Tons @ 14m/min approx.
Capacity (Main Hoist SWL) : 40 tons @ 18.8 meter radius	Anchor : 2 x 2640 kg stockless anchors, 46mm dia. chain,
Provision Crane : Telescopic Boom Type	4 points mooring system : 4 x single drum mooring winches;
Capacity : 3 tons @ 18 meter	Min. 44mm dia x 1000m Wire Rope;
	Flipper Delta anchor

OTHER EQUIPMENT
2 x Water Makers, 34 m ³ /day capacity, Reverse Osmosis System
2 x Sewage Treatment plant
1 x F.O. purifier
1 x Fast Rescue Craft c/w A-frame type davit
1 x L.O. purifier
1 x Garbage Compactor
1 x Oily bilge water separator
Designed for helideck and can be fitted if required (optional)