



DP1 Anchor Handling Tug

Orient 8

The **First Choice** for
Marine Solutions in
Asia Pacific

For further information, please contact:
commercial@dfo.com.tw

Principal Particulars

Flag	Taiwan
Built	2008, Malaysia
Length Overall	50.0 m
Length B.P	46.9 m
Beam	13.8 m
Depth Moulded	6.0 m
Max Draft	4.8 m
Design Draft	4.0 m
Deadweight	1,028 MT
GT	1,179
NT	353

Classification

ABS ✕ A1 Towing Vessel, ✕ Offshore Support Vessel, AH, (E),
 ✕ AMS, ✕ ABCU, ✕ DPS-1
 And CR Equivalent

Capacities

Fuel Oil	671 m ³
Potable Water	340 m ³
Ballast and Drill Water	309 m ³
Foam	13 m ³
Dispersant	13 m ³
Bilge	8 m ³
Deck Cargo Area	260 m ²
Deck Cargo	About 300 MT
Cargo Deck Load	7.5 MT/m ²

Accommodation

1-Berth Cabins	2
2-Berth Cabins	3
4-Berth Cabins	5
Berths – Total	28
Hospital	1
Mess Room	1

Machinery & Propulsion Equipment

Main Engines	2 x Niigata 6L28HX 2,500 bhp each
Generators	2 x Cummins QSM11D 50 hz, 245 kW each
Thrusters	Retractable Azimuth: 1 x HRP 4,000, Engine Driven
Propulsion Thrusters	2 x Z-Peller in Nozzles
Auxiliary Crane	1 x 1.25 MT @ 6 m
Fire Fighting	FIFI ½

Towing and Anchor Handling Equipment

Forward Towing Winch	Plimsoll, 120 MT Brake Single Drum 50 mm x 500 m capacity
Anchor Handling & Towing Winch	Plimsoll, 185 MT Brake Waterfall Double Drum 2 x 56 mm x 1,000 m capacity
Shark Jaw	1 Set Plimsoll Shark Jaws 250 MT
Tow Pins	125 MT
Stern Roller	1.6 m dia x 4.2 m length 250 MT SWL
Capstan	2 x 5 MT
Tugger Winch	2 x 10 MT @ 15 m/min
Bollard Pull	Approx. 70 MT

Dynamic Positioning System

Type	Converteam, DP1
Reference Systems	2 x DGPS 1 x Cyscan

Performance

Service Speed	10 knots
Max Speed	13 knots
Economical Speed	8 knots

Pump Capacities

Fuel Oil Pump	1 x 100 m ³ /hr @ 75m
FW Cargo Pump	1 x 80 m ³ /hr @ 75m
Bilge & Ballast Pump	1 x 50 m ³ /hr @ 55m
GS & Fire Pump	1 x 50 m ³ /hr @ 55m
Dispersant Pump	1 x 50 m ³ /hr @ 60m

