



Registry / Year of Delivery Singapore / 2011 Type Ocean Going / Anchor Handling / Towing Tug Classification ABS + A1, (E), + AMS, + AH, + FiFi 1, Towing Vessel, DPS-2 Dimensions 59.0m x 16.0m x 7.5m Draft 6.0m (Designed) GRT / NRT / DWT 2375 / 712 / 1481 Clear Deck Space 23.0M x 12.3M (Main Deck) 3.0M x 14.0M (Forecastle Deck) Deck Strength Main Deck- 7.5T/m2 Speed 15 knots Bollard Pull 155T Endurance 11,700 nautical miles at 13 knots Accommodation Fully air conditioned for 48 men Lifesaving To meet SOLAS requirement Firefighting FiFi 1	Fuel 1080 mt approx Fresh Water 270 mt approx Freshwater Maker 12 mt/day Main Engines & Gearboxes 2 x MaK 9M32C diesel engines producing 6120 bhp each at 600 rpm c/w 2 x Reintjes LAF 7750 gearboxes, ratio 4.636 :1 Main Generators 2 x 1960kw shaft alternator, 380v/3/50Hz, 2 x 800kW, 380v/3/50Hz, Caterpillar Model 3508B diesel driven, 2 x 450kW, 380v/3/50Hz, Caterpillar Model C18 diesel driven, Emergency Generator 1 x 86kW, 380v/3/50Hz, Caterpillar Model C4.4 diesel driven Main Engine Consumption 33,000 litres MGO and 120 litres lube oil per 24 hours at full power. 18,000 litres MGO and. 80 litres lube oil per 24 hours at economic cruising speed of 10 knots Generator Consumption 1,600 litres MGO and 24 litres lube oil per 24 hours Propulsion 2 x 4200mm diameter, 4-bladed CPP propeller Cu-Ni-Al bronze in kort nozzles Steering Gear Ulstein Tenford electro hydraulic steering gear, type: 2 x SR722. Torque: 164 knm each Fuel Oil Purifiers Mitsubishi self cleaning fuel oil purifier SJ-20G Lube Oil Purifiers Mitsubishi self cleaning lube oil purifier SJ-20G Fire Monitors 2 fixed fire monitors of 1,200 m³/hr each at 123m head capacity. 2 x fire pump of 1717 m³/hr each, 1 fixed foam/water fire monitors of 360 m³/hr at 160m head capacity. 1 x foam pump of 10 m³/hr	Bow Thruster / Stern Thruster 2 Bow thrusters, Brunvoll 10T thrust FU-63-LTC-1550, 750kW, 1 Stern thruster, Brunvoll 10T thrust FU-63-LTC-1550, 750kW Crane North Pacific Crane 2T3T25M MOD - 2.5T at 25m Anchor Windlass 1 x Brattvaag Hydraulic, 14.6T at 0-23m/min, Anchor Chain 2 x 2,280kg stockless anchors Towing/Anchor Winch Brattvaag double drum waterfall type SL300W/BSL300 hydraulic winch with remote controls in wheelhouse & Brattvaag spooling device 300.8T pull at 0-12.8m/min 177.7T pull at 0-21.7m/min 119.2T pull at 0-32.4m/min Wire Capacity:- 2000m x 76 mm diameter Brake holding: 400T Tugger Winches 2 x Brattvaag, 10T line pull at 0-38.5 m/min, Shark jaws / Towing pins 1 x Triplex guide pins, type S-200 2 x Karmfork shark jaws 1 x Triplex shark jaw, type H-350-N Wire Storage Reels 2 x Brattvaag, 10T line pull at 0-33 m/min, storage reels will contain 1500m x 76mm diameter 1 x Brattvaag, 21T line pull at 0-32 m/min, storage reels will contain 1500m x 76mm diameter Stern Roller Size: 6.4M, Ø-2.4M S.W.L.: 400T Fendering Flat bar doubler plates of 400mm x 25mm cross section welded to side shell	Liferafts 4 x 25 men Rescue Boat 1 x 6 men Radar 2 x X-band Radar. Furuno Model FAR 2117 DP System Converteam DP 2 equipment, c/w: 2xDP control stations, 2x UPS, 2x DGPS, 1x CYSCAN Laser Reference System, 3x Gill Anemometer, 3x TSS Gyro, 2x MRU, etc. GMDSS Radio Console FURUNO model RC-1800T-25, A1-2-3 radio package. Complete with: -1x HF/MF SSB radiotelephone, FURUNO model FS-2570 (250W); -2x INMARSAT C terminal (one with SSAS), FURUNO model FELCOM-15 VHF 2 x VHF/DSC marine radio telephones. FURUNO model FM-8500 (25W) Automatic Pilot 1 x Autopilot, Anschuetz NP 60 for double rudders. Other Navigation and Communication Equipment EPIRB, Radar Transponders, Navtex Receiver, Weather Facsimile, GPS Navigator, Echo Sounder, Speed log, AIS, Simrad Cx44 GPS Chart Plotter, Omni-Direction TV System, P.A./Talk Back System, Common Battery Powered Telephone, Automatic Telephone System, Mini-Vsat.System, ICOM VHF Radio-telephones,VHF Walkie-Talkie, etc. CCTV GALAZ-C, 4 x camera, 2 x monitor Joystick Kongsberg cJoy Fuel Trax System NCS model FuelTrax GS150-2 Oil Dispersant System 2 sets spray nozzles, type UOC 600, 1 ¼" (M) x 1 ¼" (F), brass, duty 276 liters at 4.14 bar Sewage Treatment Plant Jowa BIO STP 4 for 50 men
--	--	---	---

Details given in good faith and are believed to be correct but not guaranteed