

# Anchor Handling Tug Supply DP2 / FiFi 1 Vessel

## Available for Private Sale



### MAIN SPECIFICATIONS

#### Registration:

**Flag**.....Belize  
**Port of Registry**..... Belize  
**Owners**.....TBD Upon NDNCA completion  
**Year Built**..... 2011  
**Class** .....ABS "+A1 (E) Offshore Support & Firefighting Vessel Class 1 + AMS + DPS-2".  
**Call Sign** ..... TBD

#### General:

Vessel is built to ABS, Class "+A1 (E) Offshore Support & Fire-fighting Vessel Class 1 + AMS + DPS-2". Designed for servicing Oil drilling rigs, Semi-submersible, Jack-up rigs, and Production Platforms having twin Controllable Pitch propellers in Kort nozzles, Twin rudders, two Stern Thruster, and Two Bow Thrust units. Vessel has a horse power of total 10800 BHP. She is equipped with Dynamic Positioning System Class 2 and fitted with Fire Fighting Class 1 System. Typical designed units are proven to hold DP position in harsh environment which makes them suitable to be converted in PSV, Light Construction, Survey or Diving Support Vessels.

#### Principal Dimensions:

**Length Overall**..... 70.70 M.  
**Breadth**.....16.00 M.  
**Depth**..... 7.20 M.  
**Draft**..... 6.20 M.  
**G.R.T / N.R.T**..... 2379 / 713M.

#### Cargo Capacity:

**Dead Weight** ..... 2200 Tons  
**Deck Cargo**..... 800 Tons  
**Clear deck space**..... 450 m<sup>2</sup>  
**Deck strength** ..... 5.5 Ton/m<sup>2</sup>  
**Liquid mud**..... 484.6 Cu m  
**Bulk cement**..... 9600 Cu.ft.  
**Drill water /Ballast** ..... 662 Cu.m  
**Potable Water**..... 642 Cu.m  
**Fuel Oil**..... 852 Cu.m  
**Rig Chain Locker**..... 200 Cu.m.

**Accommodation:** Fully A/C for hot & Cold climate

**Total Berths:** = 50 men

**Walk – in Freezer / Refrigerator :**

Refrigerator ..... 15 Cu.m.  
Freezer ..... 15 Cu.m.

**Navigation Equipment :**

**Radar** ..... 2 Furuno,  
**SSB** ..... Raytheon,  
**Gyro Compass** ..... Anschutz,  
**Depth Meter ...** ..... Anschutz,  
**Autopilot** ..... Kongsberg,  
**GPS** ..... Furuno,  
**GMDSS** ..... Koden  
**2VHF** ..... Furuno,  
**Navtex** ..... Furuno,

**Anchor Handling & Towing Winch:**

1 Electro-hydraulic Double Drum Waterfall type for Anchor Handling and Towing winch. Line Pull 300 Ton. Brake Holding 450 Ton.

**Tow wire:**..... 1400 m x 76mm dia.  
**A/H wire:** ..... 220 m x 76mm dia..  
**Towing Pins** .....one set hydraulic 160T SWL.  
Karm Forks ..... Retractable unit 300T SWL.

**Deck Equipment:**

**Capstan:** .....2 x 10 Tons  
**Tugger Winch** ..... 2 x 10 ton for cargo shifting.  
**Anchors** .....2 HHP stockless anchors, 1980 Kg each.

**Stern Roller:**..... 6m X 2.5m (SWL 450T)

**Deck Crane:** .... 5 Tons SWL @ 17 m Radius.

**Main Engines:**

2 X MAK (2x5400 BHP). Total: **10800 BHP**

**Auxiliaries:**

2 X CAT Diesel gen. each 580KW & two 2000 Kw shaft alternators & 1 X CAT Emergency gen. 95 KW

**Bow & Stern Thruster Units:**

2 Transverse bow thrusters each 9.5 T  
2 Transverse stern thrusters each 9.5 T

**Cargo Pumps :**

**Fuel** .....150 Cu.m/hr @ 75m head  
**Potable Water**.....150 Cu.m/hr @ 75m head  
**Drill Water** .....150 Cu.m/hr @ 75m head  
**Bulk Compressor.** ..... 2x50 T/hr/50m head@6 bar  
**Liquid mud**..... 2X75 Cu.m/hr@ 75m head

**Fire Fighting Class 1 System:**

2 FiFi monitors one (foam + water) each 1200m<sup>3</sup>/hr at 160m throw, effective height 45m.  
2 seawater pumps each 1500 cu.m/hr at 14 bar m head  
Foam tank 11.4 Cu.m

**Speed :** 14kt ballast condition, 13kt service speed.

**DP System class 2:**

The vessel is fitted DP System Class 2 certified by ABS class notation, implemented by Inmarsat fleet 77 for DGPS position correction.

**Anti-Pollution:**

2 Spray Booms, 8m long each Booms fitted with 6 nozzles., Dispersion tank capacity 20 Cu.m

