

# 6600 BHP DPII AHTS FIFI-I

## REGISTRATION:

Flag : PANAMA  
Port of Registry : PANAMA  
Builder : Pan United Shipyard  
Year of Built : 2005  
Class : LR  
Tonnage : GRT: 1868 NRT: 588

## CHARACTERISTICS:

Length Overall : 65 m  
Beam/Lightship/Max Draft : 16 m  
Full Draft : 5.79 m  
Freeboard : 0.9 m  
Minimum Height : 25.3 m  
Deadweight/Displacement : 2,016/3,601 t  
Clear Deck Space : 35 x 13.1 m / 454 m<sup>2</sup>  
Deck Strength : 6 mt/m<sup>2</sup>

## CAPACITIES:

Deck Cargo : 1,000.0 t  
Fuel Oil : 471.9 m<sup>3</sup>  
Potable Water : 200.0 m<sup>3</sup>  
Fresh Water : 934.4 m<sup>3</sup>  
Drilling / Ballast Water : 166.8 m<sup>3</sup>  
Bulk Tanks (4) Total : 169.9 m<sup>3</sup>  
Liquid Mud (21 lbs/gal) : 440.3 m<sup>3</sup>  
Base Oil : 142.1 m<sup>3</sup>  
Walk-in Freezer : 13.6 / 14.7 m<sup>3</sup>  
Walk-in Cooler : 17.6 m<sup>3</sup>  
Lube Oil : 12.2 m<sup>3</sup>  
Fire Fighting Foam : 14.1 m<sup>3</sup>  
Oil Dispersant Capacity : 14.1 m<sup>3</sup>

## MACHINERY:

Main Engine : 2X3300 BHP  
Horsepower : 6600 BHP  
Gears : (2) REINTJES LAF2346 4.667:1  
Propellers : (2) CPP 4 BLADE 2800mm  
Kort Nozzles : (2) YES  
Rudders : (2) HIGH LIFT TYPE  
Primary Generators : (2) 320KW 440 V 60 Hz  
Driven By : CAT 3406 DITA  
Secondary Generator : (1) 360 KW 440 V 60 Hz  
Driven By : Main Engine  
Emergency Generator : (1) 94 KW 440 V 60 Hz  
Driven By : CAT 3056  
Bow Thruster : (1) R.R. TT1650 DPN CP (535KW)  
Driven By : CAT 3412 DITA (536KW)  
Total Thrust Max : 8.8 st 8 mt

## VESSEL'S MOORING

Anchors : (2) 4,630 LBS STOCKLESS BOWER  
Chain (per side) : 721 ft of 1.6 in  
Windlass : Elec-Hydraulic  
Capstans : (2) ZICOM (15m/min)  
Line Pull : 6 t

## PERFORMANCE:

Speed vs Fuel Consumption (Assuming Fair Weather)  
Maximum : 12 mt/day @ 14.5 Knots  
Cruising : 10 mt/day @ 12 Knots  
Economical : 8 mt/day @ 9 Knots  
Standby : 0.8 mt/day @ 0 Knots  
Range @ 12 Knots : About 6,275 nm  
Bollard Pull : 89.6 st 85 mt

## TRANSFER RATES:

Drill/Ballast : 100m<sup>3</sup>/h @ 80 m  
Fresh Water : 100m<sup>3</sup>/h @ 80 m  
Fuel Oil : 100m<sup>3</sup>/h @ 80 m  
Bulk : 42m<sup>3</sup>/h @ 60 m  
Base Oil : 60m<sup>3</sup>/h @ 80 m  
Liquid Mud : 75m<sup>3</sup>/h @ 90 m

## TOWING & ANCHOR HANDLING

Winch : ELECTRO-HYDRAULIC, DOUBLE  
Model : DRUM WATERFALL (200T BRAKE)  
Line Pull : ZICOM 150 T  
Line Pull : 160 t  
AH Drum Capacity : 1000 m of 60 mm  
Tow Drum Capacity : 1000 m of 60 mm  
Pennant Reels : (1) 1000 m x 54 mm  
Tugger : (2) ZICOM 100KN (10m/min)  
Line Pull : 10 t  
Stern Roller : 3 m x 1.5 m  
SWL : 300 t  
Tow Pins : (2) 300T SWL  
Shark Jaw : 1 SET 300T KARM FORK  
Misc. Tow Equip. : 50T SWL GOB EYE

## ACCOMMODATIONS:

Staterooms : (4) 1-Man, (3) 4-Man, (5) 2-Man  
Berths : 26  
Galley Seating : 34  
Dayroom/ Lounge : 1, 8 Seats  
Certified to Carry : 26  
Hospital : Yes

## ELECTRONICS:

Radar (s) : 2 Depth Sounder : 1  
Radio (s) : VHF-2 SSB-1 Magnetic Compass : 1  
GPS : 1 Gyro Compass : 2  
DGPS : 2 Wind Speed Indicator : 2  
NAVTEX : 1 Doppler Log : 1  
EPIRB : 1 Sat Com : 1x Inmarsat-C  
GMDS : 1 V-Sat System

## SPECIAL FEATURES:

Fire Fighting : FIFI -1  
F.S. Fire Suppression : CO2 & Water Spray  
Oil Dispersant System : 2x5 m Booms (P/S)  
Crane : 2 t @ 7 m  
Stabilization System : BILGE KEELS  
Rescue Zone : Yes  
Rescue Boat : Per SOLAS 6 Men  
Mud Agitation : Yes  
DP Reference System : DGPS-2, Laser -1  
Reefer Socket : 2 x 440V 32A  
MSD : 26 Persons  
BHS Dryers