

# 2006/ Fi-Fi 1/ 7,180 BHP TOWING/ 85MT BP AHTS



7,180 BHP TOWING

## DIMENSIONS

|                |           |           |
|----------------|-----------|-----------|
| LENGTH OVERALL | 63.00 m   | 206.6 ft. |
| BREADTH MLD    | 15.00 m   | 49.20 ft. |
| DEPTH          | 6.10 m    | 20.00 ft. |
| DRAFT (LIGHT)  | 3.5 m     | 11.48 ft. |
| DRAFT (LOADED) | 5.17 m    | 16.70 ft. |
| DEADWEIGHT     | 1,476 LT. | 1,500 MT. |
| GROSS TONNAGE  | 1,759 t   |           |
| NET TONNAGE    | 527 t     |           |

## CAPACITIES/TRANSFER RATES

|                 |                                     |                                 |
|-----------------|-------------------------------------|---------------------------------|
| FUEL OIL        | 158,663 USG / 600.51 m <sup>3</sup> | - 125 m <sup>3</sup> /hr @ 75 m |
| DRILL WATER     | 111,464 USG / 421.94 m <sup>3</sup> | - 125 m <sup>3</sup> /hr @ 75 m |
| POTABLE WATER   | 120,058 USG/454.47 m <sup>3</sup>   | - 125 m <sup>3</sup> /hr @ 75 m |
| DRY BULK        | 170.00 m <sup>3</sup>               | - 20.2 t/hr @ 5.6 bar           |
| LIQUID MUD      | 408.91 m <sup>3</sup>               | - 100 m <sup>3</sup> /hr @ 80 m |
| BRINE           | -                                   |                                 |
| CONNECTION      | -                                   |                                 |
| FREE DECK SPACE | 4,305.60 ft. <sup>2</sup>           | 400 m <sup>2</sup>              |
| DECK STRENGTH   | 7.5 MT./m <sup>2</sup>              | 1536 lb/ft. <sup>2</sup>        |
| DISPERSANT      | 3,569 USG                           | 13.51 m <sup>3</sup>            |

## DECK EQUIPMENT

|                |  |
|----------------|--|
| AHT WINCH      | Plimsoll PC-AHTW/WF-150S1                            |
| TOW WIRE       | Bridon Diamond Blue Wires 274 T MBL 58mm x 1,000 m   |
| SPARE TOWLINE  | Electro-hydraulic 2 Drum Waterfall 150 MT.           |
| TOWING PINS    | 2 x Plimsoll 200 MT. when pins extended 75%          |
| SHARK JAW      | YES  |
| STERN ROLLER   | 200 MT.; 1.8 m Dia x 5 m Wide                        |
| TUGGER WINCHES | 2 X 7 T  |
| CAPSTANS       | 2 x 5 MT. Elec-Hyd; 380 mm Dia, 0 to 15 m/min        |
| DECK CRANE     | 11T at 10 m North Pacific Model MCF 2533             |
| ANCHOR WIRES   | 2 1,500 Kg anchors w/ 38 mm chain of 330 m each side |
| WINDLASS       | Plimsoll 9T at 12m/min                               |
| ANCHORS        | 2 X 1,500 Kg anchors w/ 38 mm chain of 330 m each    |

## MACHINERY

|                        |  |
|------------------------|--|
| MAIN ENGINES           | 2 x MAK 8 m 25 x 750 RPM at 2,640 KW each            |
| BOW THRUSTERS          | 2 Kawasaki CPP, 400 kW, 6 MT. thrust                 |
| STERN THRUSTER         | Kawasaki CPP, 400 kW, 6 MT. thrust                   |
| PROPELLERS             | 2 x four blade CPP in nozzles                        |
| RUDDERS                | Jastram electro-hyd with twin spade rudders          |
| <b>BOLLARD PULL</b>    | <b>85 Mt max continuous.</b>                         |
| MAIN GENERATORS(S)     | -  |
| AUXILIARIES GENERATORS | 2 x 3408 CAT with 463 KVA Alternators 440V, 60 Hz, 3 |
| pH SHAFT GENERATORS    | 2 x 1200 kW, 440 V, 60 Hz, 3 pH                      |

## SPEED/ CONSUMPTION

|                           |              |
|---------------------------|--------------|
| MAXIMUM SPEED             | 13.8 knots   |
| CRUISING SPEED            | 12.0 knots   |
| ECONOMICAL SPEED          | 10.0 knots   |
| MAXIMUM FUEL CONSUMPTION  | 24.8 MT./day |
| 85% LOAD FUEL CONSUMPTION | 20.7 MT./day |
| 50% LOAD FUEL CONSUMPTION | 13.2 MT./day |

## ACCOMMODATION

|                |   |
|----------------|---|
| MASTER         | 1 person cabin w/head                         |
| CHIEF ENGINEER | 1 person cabin w/head                         |
| OFFICERS       | 2 x 1 person cabins w/head                    |
| CREW           | 3 x 4 person cabins w/head                    |
| PASSENGERS     | 1 x 4 person & 6 x 2 person cabins all w/head |
| HOSPITAL       | 1 x 1 person cabin w/head                     |

## FIRE FIGHTING – FIFI 1

|                |  |
|----------------|--|
| EXTERNAL FFIFI | ABS FIFI-1; 2 x monitors of 1,200 m <sup>3</sup> , one with foam |
| FIFI PUMP      | 2 x 1500 m /hr x 135 m head                                      |

## STAND-BY RESCUE

|                      |   |
|----------------------|---|
| RESCUE CAPACITY      | -   |
| RESCUE CRAFT         | Zodiac RIBO-420 model, semi-rigid, 6 pers., 40 HP w/davit |
| LIFEBOAT             | as per SOLAS 6 x 16 man                                   |
| RESCUE NETS / BASKET | Available   |
| WORK BOAT            | Aluminum 9.9 M, Alnmaritec, 520 BHP, 4.7 Ton B. Pull      |

## ANTI-POLLUTION SYSTEM

|                    |   |
|--------------------|---|
| DISPERSANT STORAGE | - |
| DISPERSANTS BOOMS  | - |
| BOOSTER PUMPS      | - |

## NAVIGATION/ COMMUNICATION

|                        |  |
|------------------------|--|
| JOYSTICK               | AJS01 Independent Joystick with portable panel           |
| DEPTH RECORDER         | JRC model JFE-582, 0 to 500 m                            |
| DGPS                   | Available  |
| DYNAMIC POSITIONING    | Alstom Type: ADP 11 Simplex Dynamic Positioning          |
| GPS                    | JRS model JLZ-700 with 15 inch screen                    |
| GYRO                   | 2 x Anschutz gyros                                       |
| SSB                    | JRC  |
| VHF                    | 2 x 25 Watt JRC, JHS-32B (with 2 remote stations)        |
| RADAR(S)               | S-band w/ ARPA, & X-band w/ slave monitor at aft control |
| RADIO SYSTEM           | GMDSS; Area A3   |
| AUTOPILOT AND STEERING | Navitron NT990G AP w/ Jastram electro-hyd steering       |
| INTERNET E-MAIL        | Globewireless & Mini-M                                   |
| SSAS, AIS, WEATHER FAX | JRC mod. JUE-75A/75C, JRC mod. JHS-182, JRC JAX-9A       |
| DOPPLER SPEED LOG      | Yokogawa model EML500-HS1                                |

## BUILT

|            |  |
|------------|--|
| CLASS      | ABS A1, (E), OSV, Tow Vsl, FiFi-1, AMS, ACCU, <b>DPS-1</b> |
| FLAG       | TBD  |
| SOLAS      | Full   |
| YEAR BUILT | 2006   |

This specification is preliminary and subject to change without notice.

