



# M.V. OFFSHORE ADVENTURE

UT755 - 3,227T DWT DP2, FIFI 1 PLATFORM SUPPLY VESSEL



## REGISTRATION

|             |  |
|-------------|--|
| Owner:      | Raj Shipping Agencies Ltd.   |
| Year Built: | 2004   |
| IMO Number: | 9285536  |
| Builder:    | Aker Brattvaag, Norway   |
| Flag:       | India  |
| Type:       | DP2, PSV Ulstein design UT 755 L.  |
| Class:      | DNV + 1A1, IRS Fire Fighter 1, SF, LFL*, E0, DYNPOS-AUTR, DK (+), HL (2.5) |

## MAIN CHARACTERISTICS

|                   |         |
|-------------------|---------|
| LOA:              | 72 m    |
| Breadth (molded): | 16 m    |
| Depth (molded):   | 7 m     |
| Draft (max):      | 5.90 m  |
| Gross Tonnage:    | 2,641 T |
| NRT:              | 648 T   |
| Deadweight:       | 3,227 T |

## PERFORMANCE

|                 |                                    |
|-----------------|------------------------------------|
| Maximum Speed:  | 20 m <sup>3</sup> /day at 14 knots |
| Service Speed:  | 16 m <sup>3</sup> /day at 12 knots |
| Economic Speed: | 9 m <sup>3</sup> /day at 10 knots  |

## CARGO CAPACITY

|                  |                                     |
|------------------|-------------------------------------|
| Deck Area:       | 51 m × 13.5 m (688 m <sup>2</sup> ) |
| Deck Load:       | 1,600 T @ 100%                      |
| Fuel Oil:        | 1,200 m <sup>3</sup> @ 100%         |
| Fresh Water:     | 590 m <sup>3</sup> @ 100%           |
| Drill Water:     | 1,250 m <sup>3</sup> @ 100%         |
| Liquid Mud*:     | 1,200 m <sup>3</sup> @ 100%         |
| Base Oil:        | 200 m <sup>3</sup> @ 100%           |
| Brine*:          | 1,000 m <sup>3</sup> @ 100%         |
| Dry Bulk/Cement: | 318 m <sup>3</sup>                  |
| Dispersant       | 14 m <sup>3</sup>                   |
| Foam             | 28 m <sup>3</sup>                   |

## DISCHARGE RATES

|                  |  |
|------------------|--|
| Fuel Oil:        | 200 m <sup>3</sup> /hr @ 9 bars        |
| Fresh Water:     | 200 m <sup>3</sup> /hr @ 9 bars        |
| Drill Water:     | 150 m <sup>3</sup> /hr @ 9 bars        |
| Base Oil:        | 200 m <sup>3</sup> /hr @ 9 bars        |
| Brine:           | 75 m <sup>3</sup> /hr @ 18 bars        |
| Liquid Mud:      | 2 × 100 m <sup>3</sup> /hr @ 18 bars   |
| Dry Bulk/Cement: | 2 × 22.7 m <sup>3</sup> /hr @ 5.6 bars |

## COMMUNICATION & NAVIGATION EQUIPMENT

|                    |  |
|--------------------|--|
| Radar:             | 2 radars   |
| Gyrocompass:       | 3 gyrocompasses  |
| Echo Sounder:      | 1 digital echo-sounder                                       |
| Speed Log:         | 1 speed log  |
| Autopilot:         | 1 autopilot system   |
| DGPS:              | 2 DGPS   |
| GMDSS:             | 1 radio system compliant with GMDSS A3                       |
| Satellite Systems: | 2 Inmarsat C<br>1 Fleet Broadband<br>1 VSAT<br>1 weather fax |

## MANOEUVRING EQUIPMENT

|                    |   |
|--------------------|---|
| DP System:         | Class DP2   |
| Reference Systems: | 2 × DGPS Sensors and monitoring as per class 2 requirements |

## FIREFIGHTING EQUIPMENT

|                      |                                       |
|----------------------|---------------------------------------|
| FiFi Classification: | FiFi 1                                |
| Pumps:               | 2 × 1,600 m <sup>3</sup> /hr pumps    |
| Monitors:            | 2 × 1,200 m <sup>3</sup> /hr Monitors |

## ACCOMMODATION

|                   |  |
|-------------------|--|
| Berths:           | 32 persons total<br>10 single cabins<br>5 × 2 man cabins<br>3 × 4 man cabins |
| Hospital:         | 1  |
| Mess/Day Rooms:   | 2  |
| Air Conditioning: | Fully air-conditioned  |

## MACHINERY

|                       |                           |
|-----------------------|---------------------------|
| Main Engines:         | 2 × 2,040 kW              |
| Propellers:           | 2 with CCP                |
| Bow Thruster:         | 590 kW Tunnel             |
| Stern Thruster:       | 590 kW Tunnel             |
| Azimuth Thruster:     | 590 kW forward            |
| Rudders:              | 2 independent with flaps  |
| Capstans:             | 2 × 8 T                   |
| Deck Crane:           | 3 t at 16 m               |
| Tuggers:              | 2 × 10 T                  |
| Shaft Generators:     | 2 × 1,800 kVA @ 1,800 rpm |
| Auxiliary Generators: | 2 × 250 kW @ 1,800 rpm    |
| Emergency Generator:  | 62 kW @ 1,800 rpm         |

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## ADDITIONAL NOTES / REMARKS

*Particulars given here are believed to be correct but not guaranteed. Owners reserve the rights to amend the specifications without notification.*

**OFFSHORE ADVENTURE** is a UT 755L design, DP2, FIFI 1, platform supply vessel.

The vessel is designed for world-wide, deep water operations to fulfill the following duties:

- Transportation of liquid products, deck cargo and other equipment for drilling and production support.

