



# MARS

Crew Boat / Rig Personnel & Utility Vessel

IMO 9542441 • CALL SIGN T2IC6 • FLAG TUVALU / FUNAFUTI • CLASS BV

**40.25 m**

LENGTH O.A.

**27.8 kn**

MAX SPEED

**60**

PAX CAPACITY

**45 MT**

CARGO CAPACITY

GENERAL

|                          |                                        |
|--------------------------|----------------------------------------|
| Type                     | Crew Boat                              |
| Owners                   | Prominence Offshore Pte Ltd, Singapore |
| Managers                 | Sairam Marine Services LLC, UAE        |
| Regulations & Codes      | MARPOL, SOLAS, IMDG                    |
| Call Sign / Official No. | T2IC6 / 4475                           |
| IMO No.                  | 9542441                                |
| Year Built               | 2009                                   |
| Builder                  | Strategic Marine (Singapore) Ltd.      |
| Flag / Registry          | Tuvalu / Funafuti                      |
| Class                    | Bureau Veritas (BV)                    |
| Notation                 | ✱ Hull ✱ Mach, Crew Boat               |

DIMENSIONS

|                     |              |
|---------------------|--------------|
| Length O.A          | 40.25 m      |
| Beam (Max)          | 7.48 m       |
| Depth               | 3.23 m       |
| Draft               | 2.30 m       |
| Gross / Net Tonnage | 238 T / 71 T |
| DWT                 | 210 MT       |

CAPACITIES

|                      |                                              |
|----------------------|----------------------------------------------|
| Clear Deck Area      | 114.00 m <sup>2</sup>                        |
| Cargo Capacity       | 45 MT                                        |
| Deck Strength        | 2.0 MT/SQM                                   |
| Deck Dimensions      | 19 M x 6 M                                   |
| Cargo Railing Height | 1.0 M                                        |
| Remarks              | Cargo retainers & lashing lugs on both sides |

PROPULSION

|                |                                                    |
|----------------|----------------------------------------------------|
| Main Engine    | 2 x Cummins KTA38-M2, 1 x Cummins KTA50-M2         |
| BHP            | 2 x 1350 + 1 x 1800 RPM – Total 4500 BHP (3350 kW) |
| Propellers     | 3 x Fixed Pitch Ni-Al-Bronze, 5 Blades             |
| Bowthruster    | 2 MT Lateral Thrust                                |
| Maximum Speed  | 27.8 Knots / approx. 847 ltr/hr                    |
| Cruising Speed | 26.1 Knots @ 85% MCR / approx. 724 ltr/hr          |

GENERATING SETS

|                     |                                        |
|---------------------|----------------------------------------|
| Prime Movers        | 2 x Cummins 6BT 5.9 D(M)               |
| Generators          | 2 x Cummins BT 5.9 D(M)                |
| Vessel Power Supply | 415 Volt AC, 50 Hz, 3-Phase, 2 x 80 kW |
| Shore Connection    | Socket: 1 / 4                          |

ACCOMMODATION

|                          |                        |
|--------------------------|------------------------|
| Passenger Capacity       | 60 PAX                 |
| Passenger Cabins / Bunks | 1 / 2                  |
| Entertainment System     | 2 x LCD TV Screens     |
| Crew Cabins / Bunks      | 5 nos / 10 units       |
| Passenger Toilets        | 2 cubicles with shower |
| Crew Mess & Galley       | Fitted                 |
| Freezer & Chiller        | Fitted                 |
| Dry Store                | Fitted (on crew deck)  |
| Public Address System    | Fitted                 |

LIFE SAVING EQUIPMENT

|                 |                                       |
|-----------------|---------------------------------------|
| Life Rafts      | 20 men x 8 nos, as per SOLAS          |
| Life Jackets    | 68 nos SOLAS approved / 12 nos        |
| Life Buoys      | 8 onboard, as per SOLAS               |
| Scrambling Nets | 2 units                               |
| Other Equipment | Pyrotechnics, line throwing apparatus |
| Rescue Zone     | Port and starboard                    |

EMERGENCY RESPONSE FEATURES

|                            |                                  |
|----------------------------|----------------------------------|
| FRC                        | Diesel outboard engine and davit |
| Dispersant                 | Spray nozzle (optional)          |
| Fixed Gas Detection System | Fitted                           |

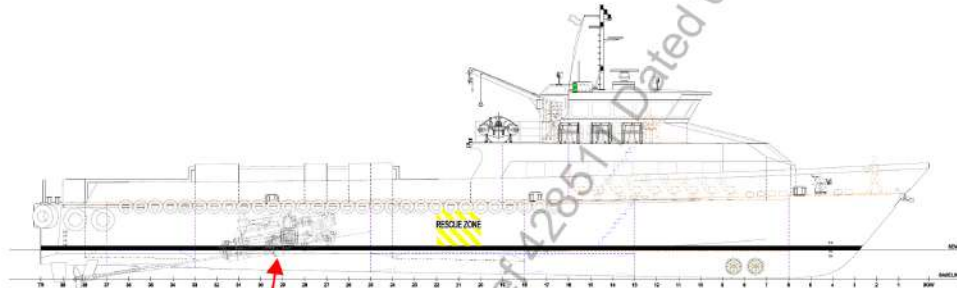
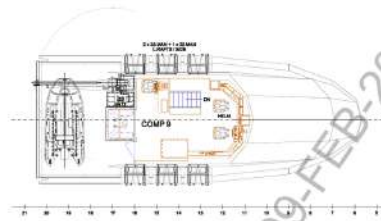
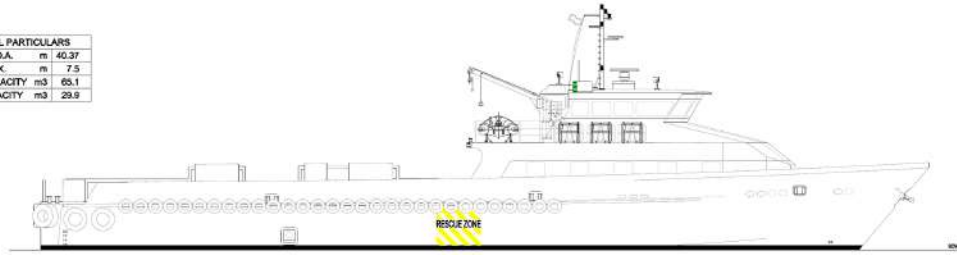
NAVIGATION & COMMUNICATION

|                            |                                         |
|----------------------------|-----------------------------------------|
| GMDSS                      | Sea Area A1 + A2                        |
| VHF                        | Sailor 5022                             |
| SSB Radio (Non-GMDSS)      | LCOM IC-M710                            |
| Satellite Telephone/Email  | Thuraya Orion 150MB + Seastar Sat Phone |
| Marine Radar               | Simrad NX40X2, 64NM                     |
| GPS                        | Furuno GP-32                            |
| Depth / Echo Sounder       | Furuno FCV 627                          |
| Magnetic Compass           | Riviera 6"                              |
| Navtex                     | Smartfind                               |
| Search Lights              | San Shin x 3, 1000W                     |
| EPIRB                      | Jotron 83310 Tron 60S                   |
| SART                       | McMurdo S4                              |
| AIS                        | Samyung S1-30                           |
| CCTV / Night Vision Camera | 11 nos                                  |

TANK CAPACITIES

|                        |                         |
|------------------------|-------------------------|
| Fuel Oil               | 72,000 L                |
| Fresh Water            | 30,000 L                |
| Dirty Oil Tank         | 0.80 CBM                |
| Dispersant             | 0.20 CBM                |
| Oil Water Separator    | IMO approved, 15 ppm    |
| Sewage Treatment Plant | IMO approved for 15 PAX |

| PRINCIPAL PARTICULARS |         |
|-----------------------|---------|
| LENGTH O.A.           | m 40.37 |
| BEAM MAX.             | m 7.5   |
| FUEL CAPACITY m3      | 66.1    |
| F.W. CAPACITY m3      | 29.9    |



SEE ABS COMMENT S-008

SEE ABS COMMENT S-008



SEE ABS COMMENT S-007



SEE ABS COMMENT M-003

SEE ABS COMMENT M-004



|     |                                          |          |      |          |
|-----|------------------------------------------|----------|------|----------|
| RC  | UPDATED HATCH, VENT, AFT DECK & E/R ARR. | 03.02.09 | P.T. | MAK      |
| RB  | N/A                                      | N/A      | N/A  |          |
| RA  | 1ST REVISION                             | 03.11.08 | A.T. |          |
| REV | REVISION DETAILS                         | DATE     | DRN  | APPROVED |

|                                                                                                                                                                                                                             |                                     |                     |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------|------------------|
| TITLE                                                                                                                                                                                                                       |                                     | GENERAL ARRANGEMENT |                  |
| PROJECT                                                                                                                                                                                                                     | 40.37M RIG PERSONNEL/UTILITY VESSEL | HULL NO.            | H334,335         |
| DRAWING REF.                                                                                                                                                                                                                | S578A-II0_RC                        | SHEET NO.           | 1 OF 1           |
|                                                                                                                                                                                                                             |                                     | SCALE               | 1:200            |
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