



#### GENERAL

|                  |                                    |
|------------------|------------------------------------|
| Survivor Class   | Group 'B' (Up to 300 Survivors)    |
| Place of Build   | Astilleros Zamakona, Bilbao, Spain |
| Vessel Type      | Field Support Vessel               |
| Year Built       | 2008                               |
| Port of Registry | Aberdeen                           |
| Flag             | British                            |
| Call Sign        | 2AU05                              |
| Class            | Lloyds Register +100 A1+LMC, UMS   |

#### PRINCIPLE DIMENSIONS

|                          |              |
|--------------------------|--------------|
| Length Overall           | 60.00 metres |
| Beam                     | 12.70 metres |
| Rescue Draft             | 4.50 metres  |
| Net Registered Tonnage   | 438          |
| Gross Registered Tonnage | 1536         |
| Freeboard at Rescue Zone | 1.75 metres  |

#### MACHINERY & PROPULSION

|                              |                                     |
|------------------------------|-------------------------------------|
| Main Propulsion Number       | 2                                   |
| Main Propulsion Type         | Schottel STP-550 Twin Prop Azimuths |
| Main Propulsion Power Source | SES Diesel-Electric System          |
| Total Propulsive Power       | 1600 kW                             |
| Side Thrusters Number        | 2                                   |
| Side Thrusters Type          | Electric Tunnel Thruster            |
| Side Thruster Power Source   | Diesel Electric Propulsion System   |
| Side Thruster Output Power   | 2 x 450 kW                          |
| Rudders                      | Azimuth Propellers                  |

#### PERFORMANCES

|                                    |                                 |
|------------------------------------|---------------------------------|
| Fuel Consumption at Max Speed      | 5.5 tonnes per day @ 12.9 knots |
| Fuel Consumption at Economic Speed | 3.0 tonnes per day @ 10 knots   |
| Idling Fuel Consumption            | Est. <1.0 tonnes per day        |

#### ADDITIONAL CAPABILITIES

|                           |                                  |
|---------------------------|----------------------------------|
| Water Capacity            | 605 cubic metres                 |
| Fuel Capacity             | 555 cubic metres                 |
| Dispersant Booms          | 2 x Warren Springs               |
| Dispersant Pumping System | Ayles Fernie 'Clearspray' System |
| Dispersant Capacity       | 5.00 tonnes                      |
| Dispersant Type           | Clients Supply                   |
| Towing Arrangements       | Cruciform Bollard Centreline Aft |
| Deck Area                 | 250 Square Metres                |

#### ACCOMMODATION

|                                   |                  |
|-----------------------------------|------------------|
| Crew Accommodation                | 15 Single Cabins |
| Total Crew Accommodation Capacity | 22 Berths        |
| Number of Seats (Survivors)       | 70               |
| Number of Bunks (Survivors)       | 20               |

#### COMMUNICATIONS EQUIPMENT

|  |                             |
|--|-----------------------------|
| GMDSS MF Radio System                    | One (1)                     |
| GMDSS HF Fixed Radios                    | Two (2)                     |
| GMDSS Portable Radio's                   | 3 x Sailor SP3000 Handhelds |
| VHF Radio 1 & 2 Non GMDSS                | Sailor 4800 VHF             |
| Portable VHF Radio's                     | 3 x Entel HT840 VHF         |
| Broadband                                | Yes                         |
| Satellite Communications (Voice and Fax) | Global Star                 |
| E-mail                                   | Yes                         |
| Mobile Phone                             | Yes                         |
| E.P.I.R.B                                | Sailor 406Mhz Satellite     |
| S.A.R.T (No. and Type)                   | 2 x Sailor SART II          |
| Hospital Communications                  | VHF & MF                    |
| UHF Radio 1                              | ICOM F210 UHF               |
| GMDSS Compliance                         | Area A3                     |

#### NAVIGATION EQUIPMENT

|                             |                                       |
|-----------------------------|---------------------------------------|
| Radar No. 1                 | JRC MA-5310-6 10kW 'X' Band           |
| Radar No. 2 & 3             | JRC 96NM S-Band                       |
| GPS Navigator               | 2 DGPS 212 Differential GPS J-Nav 500 |
| Echo Sounder                | JRC JFE-585                           |
| Navtex                      | JRC NCR-333                           |
| VHF Direction Finder        | TAIYO-TD-L1550A                       |
| Gyro Compass                | 2 x Alpha Tron                        |
| Automatic Pilot             | Navitron NT915G                       |
| Joystick Manoeuvring System | Schottel Masterstick                  |

#### SURVIVOR RECOVERY/RESCUE EQUIPMENT

|                                    |                                    |
|------------------------------------|------------------------------------|
| Rescue Craft No 1 Type             | 15 man - MP1000 Fast Rescue DC     |
| Davit No 1 Type                    | Grampian Hydraulics Scorpion Davit |
| Davit No 1 Safe Working Load       | 7.5 tonnes                         |
| Davit No 1 Secondary Lift          | Electro-Hydraulic                  |
| Rescue Craft No 2 Type             | 15 man - MP Weedo 700              |
| Davit No 2 Type                    | Grampian Hydraulics GD5 Davit      |
| Davit No 2 Safe Working Load (SWL) | 3.5 tonnes                         |
| Davit No 2 Secondary Lift          | Electro-Hydraulic                  |

#### ADDITIONAL RESCUE/RECOVERY FACILITIES

|                                    |   |
|------------------------------------|---|
| Mechanical Recovery Type           | Dacon Scoop                             |
| Overside Rescue Zones Size         | Port 7m, Stbd 5m                        |
| Emergency Helicopter Winching Area | Forward                                 |
| Rescue Basket                      | Dacon Type                              |
| Searchlights                       | 2 x Seematz                             |
| Vessel Self Drenching Capacity     | 5 litres/square metre/minute            |
| FIFI 1                             | FIFI Hydrodiesel Firepack 2400 firepump |

This technical specification sheet is subject to change without notice. Whilst every effort has been made to ensure that accuracy of the information represented within this document, no guarantees of accuracy can be given.