

# GEOSURVEYOR XIX

Offshore Support Vessel



## SUPPORT ACTIVITIES / VESSEL CAPABILITIES

- Offshore windfarm support, Crew & cargo transfer
- Refuelling services
- Offshore meteo mast support
- Site investigations
- Diving & ROV support
- Buoy deployment
- Guard services
- 



### TECHNICAL SPECIFICATION

#### General

|                |                                  |
|----------------|----------------------------------|
| Name           | Geosurveyor XIX                  |
| Type           | Catamaran                        |
| Classification | MCA Cat. 2 - 60 miles            |
| Built by       | BLRT Marketex -2012              |
| Hull material  | Aluminium                        |
| Port / Flag    | London / UK                      |
| Call Sign      | 2FZY7                            |
| Type vessel:   | Supply Vessel / Coastal voyagers |

#### Dimensions

|                |         |
|----------------|---------|
| Overall Length | 19,52 m |
| Width          | 7,46 m  |
| Draught        | 1,70 m  |
| Gross tonnage  | 65,24t  |

#### Accommodation/Welfare

|                    |  |
|--------------------|--|
| Licensed for       | 12 passengers + 3 crew   |
| Electrical Systems | 24v, 230v shore and generator  |
| Seats              | 12x fully sprung, forward facing seats<br>270 degrees view   |
| Facilities         | Mess Room, Large galley, Toilet & shower<br>Wet gear room, Dry storage area<br>Airconditioning and heating |
| Cabins             | Not available  |
| Entertainment      | LCD TV, DVD  |

#### Machinery

|                |   |
|----------------|---|
| Main engines   | MTU   |
| Type           | 2xV8 2000M72  |
| Max Power      | 1930 BHP (1440Kkw)  |
| Gearboxes      | 2x ZF 3000 V  |
| Propulsion     | Fixed Pitch Propellers  |
| Bow Thrusters  | 17,5KW  |
| Maximum Speed: | 24 knots  |
| Cruising speed | 22 knots  |
| Generator      | Cummins Onan TYPE MDK (4-32kw)<br>Cummins Onan TYPE MDD (35-99kw) |

#### Deck Layout & Equipment

|                     |   |
|---------------------|---|
| Cargo Deck Area FWD | 24 m <sup>2</sup>   |
| Cargo Deck Area AFT | 34 m <sup>2</sup>   |
| Cargo Load          | 1x10ft container (AFT)  |
| Max Deck Load FWD   | 2 t   |
| Max Deck Load AFT   | 6 t   |
| Deck Crane          | Knuckle Boom Palfinger PK 4501M   |
| Deckwinch           | Roltizer Titan  |
| Others              | Container mounts, multiple tie down points,<br>Fuel transfer system, moonpool |

#### Tanks

|             |                |
|-------------|----------------|
| Fresh Water | 800l           |
| Waste water | 250l           |
| Fuel        | 6000l (+4500l) |

#### Navigation & communication

|                   |                         |
|-------------------|-------------------------|
| Main radar        | Furuno FAR-2117BB       |
| Second radar      | Furuno DRS24D           |
| Navtex            | Furuno NX-700-A         |
| GPS               | Furuno GPS              |
| Satellite compass | Furuno SC50             |
| Echo Sounder      | Furuno FE-700           |
| Auto pilot        | Raytheon NP60           |
| AIS               | Furuno FA/150           |
| HAILER            | Eagle P110              |
| CCTV              | ORLACO System           |
| VHF               | Sailor 6215             |
|                   | Sailor 6222             |
| HANDHELD VHF      | Sailor 6201             |
|                   | Sailor 6202,            |
|                   | Sailor SD3520           |
| MF/HF             | Sailor 6310 MF/HF 150W  |
| Weather Station   | Airmar PB200            |
| Sped log          | Skipper EML 224 compact |
| Intercom          | Zenitel ETB-10          |

#### Safety Equipment

|                    |                                   |
|--------------------|-----------------------------------|
| SART               | Sailor SART II                    |
| EPIRB              | Sailor SE 406-II                  |
| Life raft          | 2 x 16 persons                    |
| Life buoys         | 4x                                |
| Life Jackets       | 15x                               |
| Immersion suits    | 16x                               |
| Thermal Protection | 16x                               |
| MOB                | Seamarchall Crewguard CG-121 MKII |
| SAR Finder         | Sea Marshall                      |