

# CTV/FSV MHO-ESBJERG



## Vessel Specifications

|                   |                            |
|-------------------|----------------------------|
| Build             | 2019                       |
| Shipyard          | BTS                        |
| Flag              | Danish                     |
| CLASS             | ✶ 1A HSLC Crew Windfarm R1 |
| Trade area        | Worldwide                  |
| Length O.A.       | 39 m                       |
| Beam              | 10,3 m                     |
| Max draft         | 1,8 m                      |
| Air draft         | 13,8 m                     |
| Bow fender height | 3,2 - 4,2 m                |
| GT                | 365,4                      |
| NT                | 109,6                      |
| IMO No.           | 9852511                    |
| Call Sign         | OXIG2                      |
| MMSI              | 219023786                  |
| E-mail            | Mho-GURLI@mho-co.dk        |
| Telephone         | 0044(0)7869303667          |
| Satellite Phone   | +45 82 13 64 23            |

## Performance

|                       |          |
|-----------------------|----------|
| Max speed @ workload  | 25 knots |
| Max speed @ full load | 21 knots |
| Range @ 15 knots      | 3.000 Nm |

## Crew and IP facilities

|                  |                                                                                                 |
|------------------|-------------------------------------------------------------------------------------------------|
| Crew             | 3-8                                                                                             |
| Beds             | 8 x single cabins, 4 x doble cabins (16 total)                                                  |
| IP capacity      | 24                                                                                              |
| Suspension Seats | 24                                                                                              |
| Seating area     | 8 x Tables with seats                                                                           |
| Accessibilities  | WI-FI throughout the vessel<br>4 x 32" TVs for safety videos<br>1 x lounge with sofa and 42" TV |
| Pantry           | Stove, microwave, coffeemaker and kettle                                                        |
| Coolers          | 3 x Refrigerator, 3 x freezers                                                                  |

## Capacities

|                    |                                                                        |
|--------------------|------------------------------------------------------------------------|
| Ship tanks         | 2 x 16.000 L, total 32.000 L                                           |
| Cargo tanks        | 2 x 15.000 L, total 30.000 L                                           |
| Fresh water        | Fresh water treatment with 2,5 m <sup>3</sup> tank                     |
| Sewage             | Sewage treatment plant with 2 m <sup>3</sup> tank                      |
| Max cargo          | With 12.000 L fuel: 60.340 kg                                          |
| Forward deck area  | 100 m <sup>2</sup> with 1 t/m <sup>2</sup> , partly 2 t/m <sup>2</sup> |
| Aft deck area      | 40 m <sup>2</sup> with 1 t/m <sup>2</sup>                              |
| Total deck area    | 140 m <sup>2</sup>                                                     |
| Container fittings | [2 x 40'] or [5 x 20'] or [10 x 10']                                   |

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## Deck equipment

|                 |                                           |
|-----------------|-------------------------------------------|
| Crane           | AMCO VEBA 815-4S: SWL: 1.065 Kg @ 10,25 m |
| Fuelling        | 1 x 40 m 2" hose                          |
| Pump capacity   | 750 L/min @ 23 m, 400 L/min @ 45 m        |
| Pressure washer | High pressure washer with 40 m hose       |
| Deck output     | 3 x reefer plugs                          |

## Engines

|               |                                          |
|---------------|------------------------------------------|
| Main          | 4 x Cummins K38-M 746 kW                 |
| Auxiliary     | 2 x Cummins QD 50 Hz 50 kW 400V & 230V   |
| Gear boxes    | 4 x Reinjets 430 VLJ                     |
| Jets          | KaMeWa S50-3/CA                          |
| Bow thrusters | 2 x DT2 50 Kw Hydraulic tunnel thrusters |

## Bridge control

|                   |                                                                                  |
|-------------------|----------------------------------------------------------------------------------|
| Manoeuvring       | Rolls Royce control units with joystick w/ docking mode, Rolls Royce "DP" system |
| Navigation lights | Lopolight LED navigation lights                                                  |
| Monitoring        | Praxis control unit                                                              |
|                   | CCTV with 24 cameras and 10 days storing                                         |
|                   | Rolls Royce 10" monitor for jets                                                 |
| BWA               | Furuno BR-500 Bridge watch alarm                                                 |

## Navigation equipment

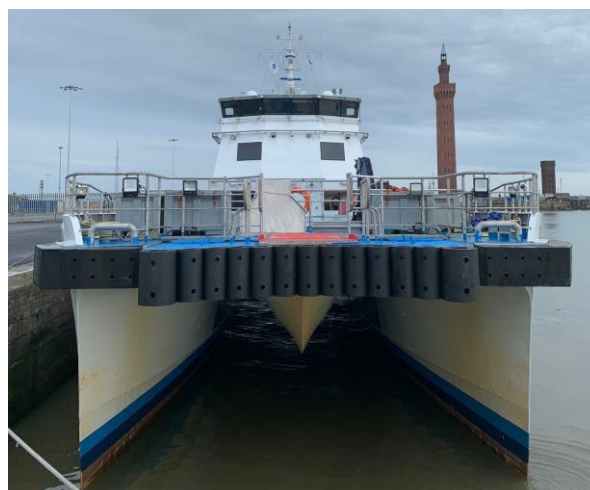
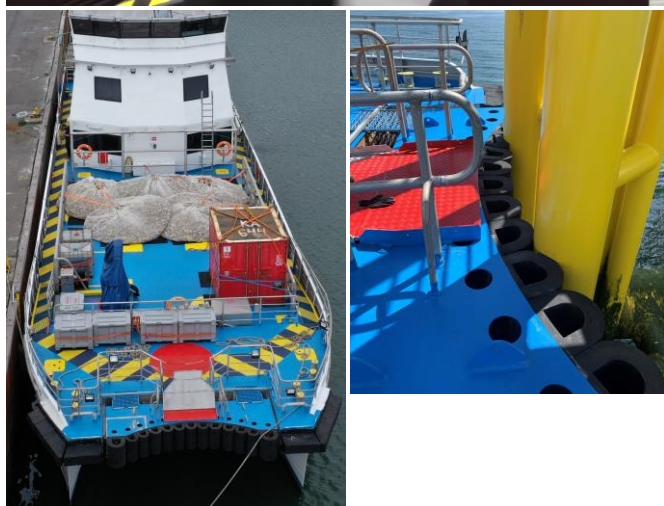
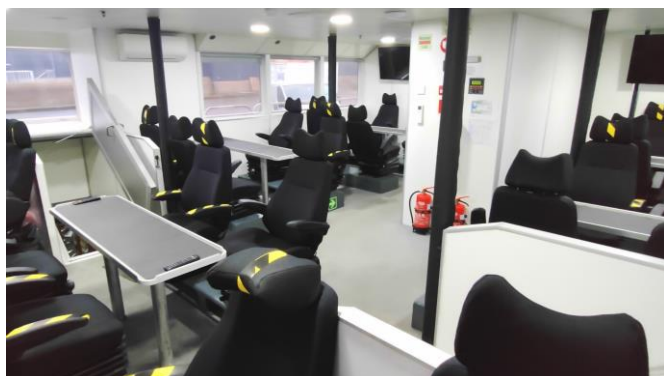
|                  |                                   |
|------------------|-----------------------------------|
| Radar            | Furuno FAR-1518-BB ARPA Radar     |
| Radar            | Furuno DRS-4D-NXT                 |
| ECDIS            | 2 X Furuno FMD-3100 full ECDIS    |
| VHF              | 2 x Furuno FM-8900S               |
| VHF              | Motorola DM-4400E with P-channels |
| MF/HF            | Furuno FS-1575                    |
| AIS              | McMurdo Smart find M5             |
| Sat Compass      | Furuno SC-70                      |
| GPS              | Furuno GP-170                     |
| Echo sounder     | Furuno FCV-588                    |
| Nav tex          | FurunoNX-700                      |
| Speed log        | Furuno GS-100                     |
| Autopilot        | Navitron NT888G                   |
| Motion dampening | Humphree Active Ride Control      |

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## Charter facilities

|           |                                            |
|-----------|--------------------------------------------|
| On bridge | 1 Desk with 2 workstations                 |
|           | Sofa with 42" TV                           |
|           | Refrigerator, sink, coffeemaker and kettle |



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