

WINDEA one



General

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|-------------------------|---|
| Name: | WINDEA one |
| Flag: | German |
| IMO No: | 9990131 |
| Homeport: | Borkum |
| Length o.a.: | 31,8 m |
| LBP: | 29,7 m |
| Max. Beam: | 10,0 m |
| Max. Draught: | 1,8 m |
| Max. Speed: | 28 kn |
| Service Speed: | 26 kn |
| Deadweight: | 50 t |
| GT/NT: | 315 / 95 |
| Cargo Fwd: | 4 x10" or 2 x20" Container |
| Cargo Aft: | 1 x10"Container |
| Cargo Deck Area: | 100 m ² Fwd 10 m ² Aft |
| Max. deck Load: | 2 t/m ² |
| Crew: | up to 6 |
| Passengers: | 24 |

Technical Specifications

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|-------------------------|--|
| Main Engine: | 4 x Volvo D13 (Total Power: 2.060 kW) |
| Electric Engine: | 2 x Volvo Danfoss Editron SRPM |
| Propulsion: | 4 x Volvo IPS 30 |
| Stabilizer: | Humphree Interceptors |
| Battery Storage: | 264 kWh |
| Battery Maker: | EST-Floatch |
| Generator: | 2 x Kohler 45EJFZDJ 44 ekW each |
| Deck Crane: | Palfinger PK 23500 M |
| Fuel Oil: | 35.500 ltr |
| Fresh Water: | 3.500 ltr |
| Bilge Water: | 2.500 ltr |

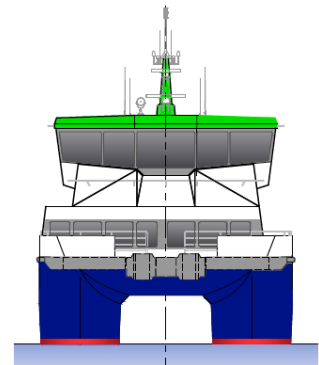
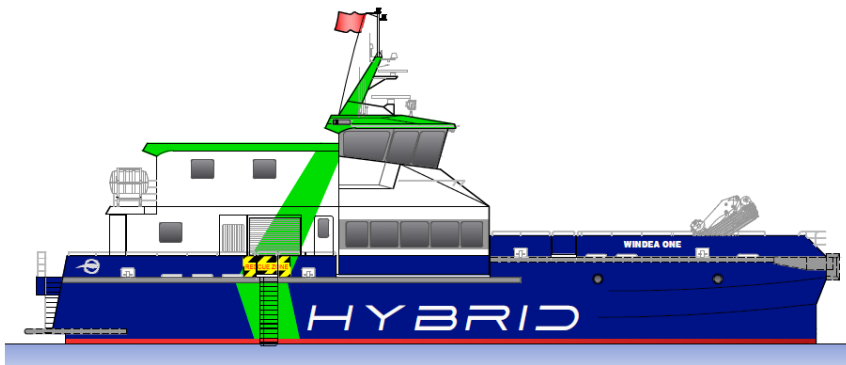
Seats:

Beurteaux 300 series Executive recliners
c/w calf rests and foldout single leaf food
trays, seatbelts, power- and USB-plugs.

Navigation & Radio Equipment

- 2 x Radars Simrad R5024-12U-6X
- Echosounder Simrad S3009
- Autopilot Simrad AP-70 MK2
- SAT THD Simrad P3007 / HS80A
- GPS Simrad P3007 / GS70
- 2x Simrad Maris ECDIS 900 MK15
- EPIRB: McMurdo Smartfind E8
- SART: 2x McMurdo S5A
- AIS: Simrad V5035
- BNWAS: Le Guardian 2025
- Magnetic Compass: Autonatic Instrumental S.L. Type C20
- Speed Log: Consilium SAR R1a
- SAILOR 7222 VHF
- SAILOR 6310 MF
- JRC NCR-333 Navtex Receiver

WINDEA one Wind Farm Service Vessel



SPECIFICATIONS

| | |
|-----------------------------------|-----------------------|
| OVERALL LENGTH (EXCL APPENDAGES): | 31.8m |
| WATERLINE LENGTH: | 29.7m |
| BEAM (NOT INCLUDING SPONSONS): | 10.0m |
| DRAFT (HULL): | 1.4m |
| PERSONNEL: | 24 |
| CREW: | 6 |
| DEADWEIGHT: | 45t |
| CONSTRUCTION | |
| HULL: | ALUMINIUM |
| SUPERSTRUCTURE: | ALUMINIUM |
| FUEL OIL | 2 x 13,000 l |
| | 2 x 4,750 l |
| FRESH WATER: | 1 x 3,500 l |
| SULLAGE: | 1 x 2,500 l |
| UREA TANK: | 1 x 1,000 l |
| DIRTY OIL TANK: | 2 x 500 l |
| LIQUID CARGO: | 1 x 6,000 l |
| MAIN ENGINES: | 4 x VOLVO D13 |
| RATED POWER: | 4 x 515kW @ 2250 rpm |
| MOTORS: | 2 x VOLVO ELECTRIC |
| RATED POWER: | 2 x 170kW |
| PROPULSION: | 4 x VOLVO IPS 30 |
| GENSETS: | 2 x KOHLER OR SIMILAR |
| EMISSIONS: | IMO TIER III |

