

HST FRANCES

CHARTWELL 24 HYBRID CPP CREW TRANSFER VESSEL

OFFSHORE WIND CTV



GENERAL

| | |
|-------------------------|--|
| Construction Material | Aluminium |
| Superstructure Mounting | Welded to Deck |
| Classification | Bureau Veritas 1+ Hull . Mach Wind Farm Service Ship-S1 Sea Area 3 |
| Flag | MCA Workboat HS-OSC |

DIMENSIONS

| | |
|------------------------|----------------------|
| Length overall | 25.1m |
| Beam overall | 8.63m |
| Depth at Amidships | 3.42m |
| Operational Draft | 1.10m |
| Maximum Draft | 1.39m |
| Deadweight | 26.6T |
| Cargo Area | 90m ² |
| Deck Load | 1.75T/m ² |
| Crew | 3-4 |
| (Industrial) personnel | 12-24 |

TANK CAPACITIES

| | |
|-------------------|-------------|
| Marine Gas Oil | 16,000 Ltrs |
| Fresh Water | 1,500 Ltrs |
| Grey Water | 500 Ltrs |
| Black Water | 500 Ltrs |
| Bilge/Dirty Water | 300 Ltrs |

PROPULSION SYSTEM

| | |
|-------------------|---------------------------|
| Main Engines | 2 x Caterpillar C32 Acert |
| Installed Power | 2162kW |
| Gearboxes | 2 x Servogear HD295PTIL |
| Propulsion | 2 x Servogear 1200mm DIA |
| Bollard Push | 19.6T |
| E-Motors | 2 x Danfoss Editron 200kW |
| Battery Strings | 4 x Corvus 46.4kWh |
| Speed Sprint | 28.0 kts |
| Speed Service | 25.0 kts |
| Foil Optimisation | BAR FOSS |

ELECTRICAL EQUIPMENT

| | |
|----------------|--|
| Network | Main Power 400V AC, 3 Ph+N, 50Hz Emergency Power 24V DC |
| Generator sets | 1 x Cummins Onan 27kW plus Hybrid Grid System |

DECK EQUIPMENT

| | |
|----------------------|------------------------------|
| Anchor | 1 x 150kg SHHP |
| Anchor Winch | Hercules AAW-150 |
| Deck Crane | TMP 900XL |
| Bow Centre Fender | RG Seasight |
| Bow Shoulder Fender | RG Seasight |
| Side Fender | Manuplas Foam Fender |
| Pressure Washer | 30-200 bar, 400v, 16l/min SW |
| Fuel Transfer System | Optional |

FIRE FIGHTING

| | |
|---------------------|--|
| Engine Space | STAT-X |
| Fire Pump | 1 x DESMI 416l/min, 400v 1 x DESMI 250l/min, 400v |
| Loose Extinguishers | Class/Flag Requirements |

| ACCOMMODATION | |
|------------------|--|
| Below Deck | 4 x Bunk, 1 x Ensuite |
| Saloon | 24 x "Modell" Bahama Diplomat Business Class Seating (HSC 2000 Approved) |
| Wheelhouse | Main Helm 3 x KPM Crew 100 c/w 4 Point Crew Galley & Mess Area |
| Air Conditioning | Air Cooled Reverse Cycle |

| NAUTICAL AND COMMUNICATION EQUIPMENT | |
|--------------------------------------|--|
| Searchlight | Colorlight SL2 |
| Radar | Furuno FAR2218BB and Furuno FAR1518BB |
| Electronic charts | Furuno FMD3200 ECDIS and Furuno FMD3100 Electronic Chart Display |
| DGPS | Furuno GP170 |
| AIS | Furuno FA170 |
| Compass | Furuno SC70 |
| Autopilot | Navitron NT888G |
| Echo sounder | Furuno FE-800 |
| Speed log | Walker 7070 |
| Internal communication | Phontech 3101 |
| External communication | 1 x Sailor RT6310 MF/HF Radio and 2 x Sailor RT6222 VHF Radio |
| Weather system | Airmar 220WX Weather Station |

