

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 (option)

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

