



SERVICE ACCOMMODATION TRANSFER VESSEL MP150L SATV

The **MP150L SATV** is a DP-2 class vessel designed to support offshore wind farms activities in unrestricted navigation areas with long endurance capability, up to 365 days a year.

Key features: high hydrodynamic efficiency, low fuel consumption, redundancy, good intact and damaged stability, large usable cargo-deck area, superb seakeeping, ergonomics and comfort on board for crew and passengers. Shallow water operation capability and high maneuverability. Equipped with heavy-duty bow fender, ensuring safety for both vessel and turbine.

Allows transferring personnel over the bow with waves up to $H_s=2m$ without the use of complex gangways saving time and money.

MAIN PARTICULARS

LENGTH OVER ALL	40.50 m (with fenders)
LENGTH WATER LINE	38.66 m
BREADTH MAX	13.00 m
DRAUGHT MAX	1.90 m
DEPTH	4.66 m
MAX SPEED	28 / 35 / 40 knots
ECONOMIC SPEED	24 / 27 / 32 knots
RANGE	+ 1350 nm @ economic speed
BOW FENDER HEIGHT	4.70 m from BL
INDUSTRIAL PERSONNEL	14 each with single cabin & toilet
CREW	8 each with single cabin & toilet
SEATS	Business class

POWER PLANT

MAIN ENGINES	3 x MAN D2862 LE489 1066 kW @ 2100 rpm + 1002 KW MAN HYBRID PACK (IMO Tier III/ EPA Tier 4)
	3 x CAT 3516E 2525 kW @ 1800rpm (US EPA Tier 4)
	3 x MTU 20V 4000 M05 3220 kW @ 1800rpm w/SCR (IMO Tier III/ EPA Tier 4)
INSTALLED POWER	4200 kW / 7575 kW / 9660 kW
PROPULSION	3 x Waterjets jets
BOW THRUSTERS	2 x Bow thruster 100 kW
GENERATOR SETS	2 x CAT C9.3 / 274 kW each 1 x CAT C4.4 / 51 kW

CAPACITIES

FUEL OIL	55 m ³
FRESH WATER	5 m ³

CONTAINERS

2x 20 feet + 3x 8 feet or 7x 10 feet

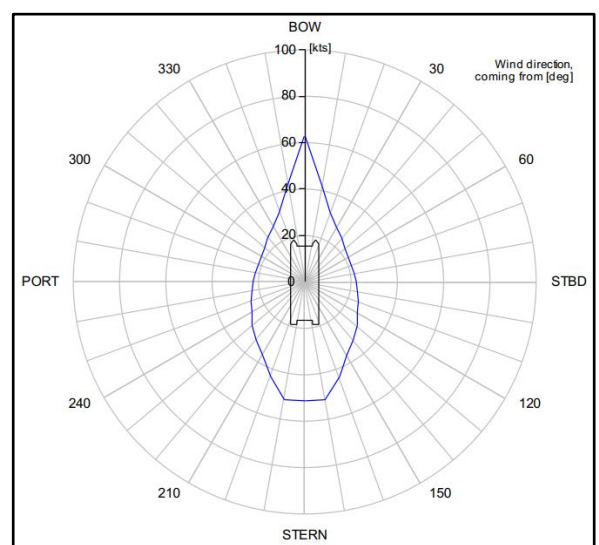
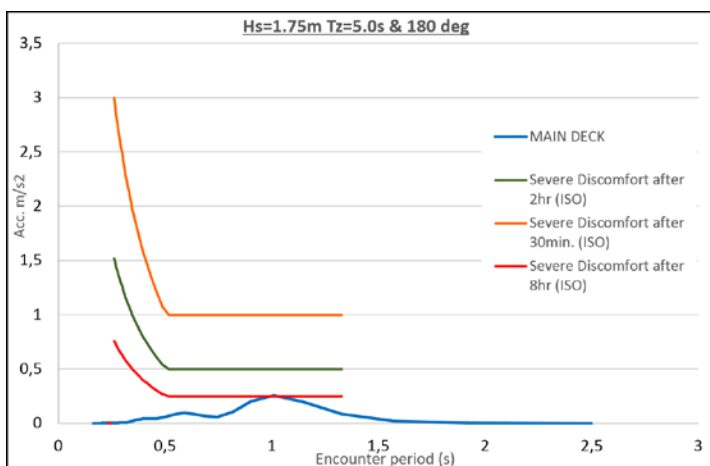


OTHER EQUIPMENT

- Rescue zone
- Fast rescue craft and davit
- Foldable deck crane up to 20 tm
- Liquid cargo tanks up to 10 m³

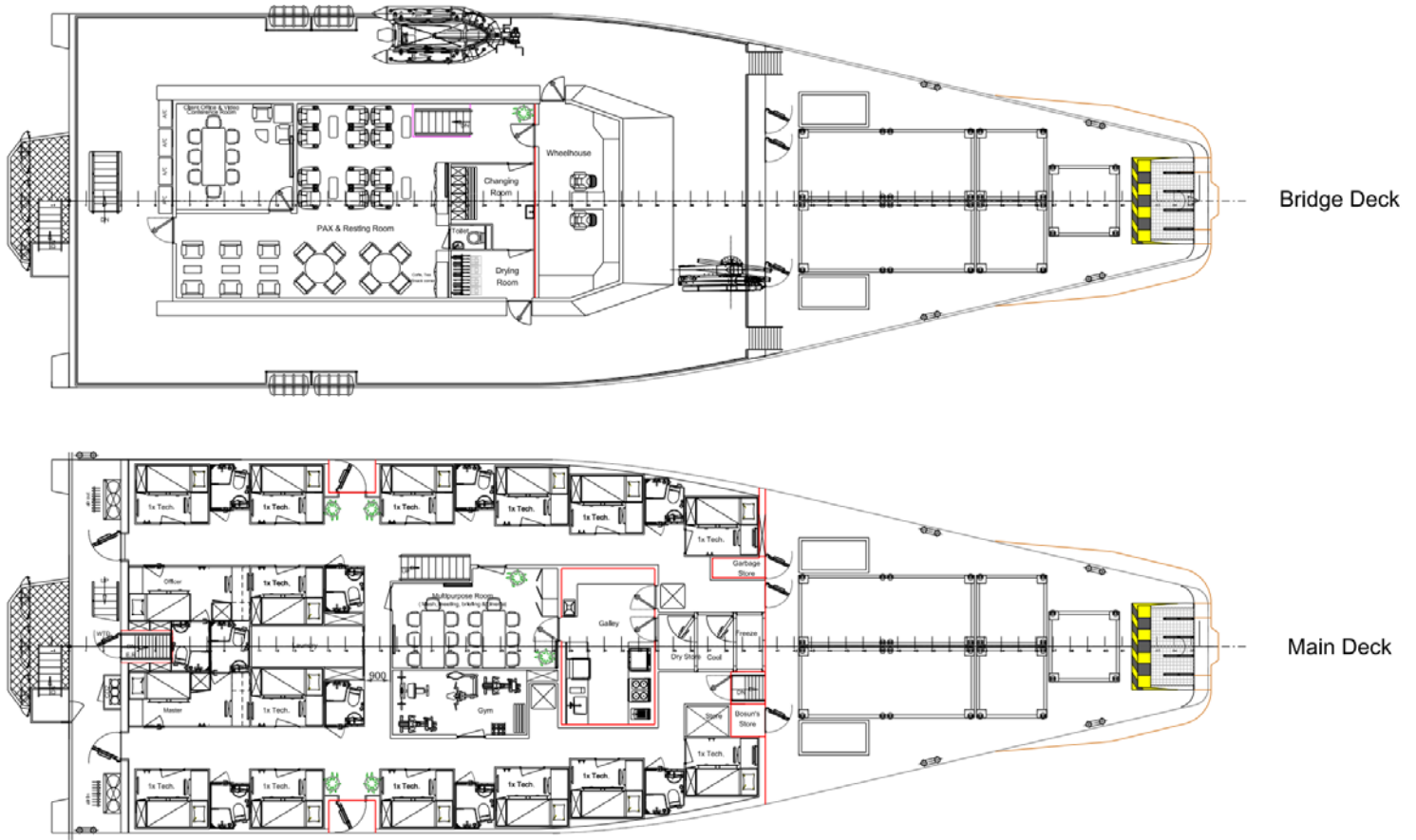
DESIGN CRITERIA

- | | |
|---------------------|--|
| Operational areas | Worldwide operations, except for Artic areas |
| Dynamic positioning | Capable to remain on position up to Hs=2 |
| Transfer system | Continuous people flow up to Hs=2 m |





GENERAL ARRANGEMENT



INTERIOR DESIGN



LAY FLAT BUSINESS CLASS SEATS [1.65m PITCH] FREE INTERNET Wi-Fi VIP AREA
MEETING ROOMS LED SCREEN SYSTEM 360°
LOUNGE AREA & BAR CATERING ONBOARD VIDEO ENTERTAINMENT SYSTEM

