



DATA SHEET

CWIND CHALLENGER MPC 19 Crew Transfer Vessel

OVERVIEW

The MPC 19 offers well-proven and documented versatility. They can handle tasks ranging from crew transfer, generator management, refuelling and food deliveries to accommodation vessels. Overall, they represent the most cost-effective vessel design for both construction and O&M phases.

KEY CAPABILITIES

Year built	2013		
Class	BV Wind Farms Service Ship-S1-Sea Area 3 & MCA Category 1		
Hull Material	Resin infused composite		
Passengers	12	Crew	2-4

DIMENSIONS

Length overall	18.5m	Fwd deck space	37m ² max
Beam	6.1m	Aft deck space	37m ² max
Draft	0.86m-1.26m		

MACHINERY

Main engines	Cummins QSM 11 Rolls Royce FF41 jets
--------------	---

PERFORMANCE DATA

Max speed	26kts	Max deck cargo	16t
Service speed	22kts	Deck strength	1t/m ²
Total fuel use/ service speed	130l/h		

TANK CAPACITIES

Fuel	16,000l	Fresh water	300l
------	---------	-------------	------

INTERNAL EQUIPMENT

Accommodation Fully air-conditioned, personalised suspension seating for passengers and crew, lockers & shelving for technician bags, microwave, fridge, hot water, changing area

NAVIGATION/COMMUNICATION EQUIPMENT

Radar	SIMRAD x 2 Broadband 4G		
Electronic chart	SIMRAD x 2 NSS12		
AIS	Furuno FA-150		
Compass	SIMRAD HS70 Sat + Silva Magnetic		
Depth sounder	SIMRAD X 1 BSM-I		
Crew finder	Sea Marshall SARfinder		
VHF	Sailor 6222 DSC VHF x 2		

DECK EQUIPMENT

Fuel transfer	yes	HP washer	yes
Crane, A-Frame	optional	Secondary access	optional
Container	10 ft		