

TECHNICAL SPECIFICATIONS

Wind Turbine Installation Vessel (WTIV)

Wind Zaratan



CADELER

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PRINCIPAL DIMENSIONS

Length hull	81.0 m
Breadth, moulded	41.0 m
Depth to main deck	7.0 m
Draught hull, max VDL	~5.2 m
Max. design speed	~8.8 kn

GENERAL

Delivery	2012
Shipbuilder	Lamprell Energy Ltd.
Flag	Japan

OPERATING CONDITIONS - ELEVATED

Payload, jacking up to	~5,500 t
Water depth	~8 - 65m

ACCOMMODATION

Max. Capacity	90 People Onboard
Cabins	52 Double Cabins 2 Single Cabins
Recreation Facilities	Cafeteria, Recreation Rooms, Fitness Centre, TV Lounge, coffee rooms, conference room
Offices	Operations Office, Conference Rooms, Multi-use Offices

CLASS

GustoMSC NG5500C	
ABS notation:	1A Self-elevating Wind Turbine Installation unit, AMS, ACCU, DPS2, Wind IMR, BWT, CRC
NK notation:	NS/MNS (SEWTIS) (DPS B), CHG, MPP, LSA, RCF, CAA, M0, AFS, BWM

TANK CAPACITIES

Marine gas oil	~650 m ³
Fresh water - potable	~440 m ³
Water ballast	~2,870 m ³

LEGS & JACKING SYSTEM

Leg Length	100 m*
Max. Leg below hull	80 m*
Number of legs	4 sets of closed circular type
Jacking System	MSC Positive Engagement
Speed	0.4 - 0.5 m/min
*from Q3 2026	

MAIN CRANE

Main Hook SWL	800 t @ 24.7 m radius
Whip Hook SWL	50 t @ 88 m radius
Utility Hoist SWL	3 t (man-riding)

AUXILIARY CRANES

Aux Crane 1	12.5 t @ 30 m (starboard)
Aux Crane 2	12.5 t @ 30 m (port)

THRUSTERS

Azipod Stern Thruster	3 x 1.5 MW Azimuth
Bow Retractable Azimuth Thruster	2 x 2 MW Retractable

DYNAMIC POSITIONING SYSTEM

Type	DP2
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CARGO AREA

Main Deck Area	2,000 m ²
Deck Loading	10 t /m ²

HELICOPTER LANDING DECK

D-value	22.2 m
Max Weight	12.8 t