

TECHNICAL SPECIFICATIONS

Wind Turbine Installation Vessel (WTIV)

Wind Zaratan

PRINCIPAL DIMENSIONS

Length over all (incl. helideck)	108.70 m
Breadth, moulded	41.00 m
Depth to main deck	7.00 m
Draught, design	4.50 m
Draught, max.	7.70 m
Payload, jacking	12,800 t
Max. Speed	8.80 kts

OPERATING CONDITIONS FOR JACKING

Service Restrictions when Jacking:

Leg Length	85 m
Leg length below hull	65 m
Footing Type	Spudcan with pin
Current	Within DP Operating Envelope

ACCOMMODATION

Cabins	54 Cabins (with ensuite bathrooms)
Recreation Facilities	Cafeteria, Recreation Rooms, Fitness Centre, TV Lounges
Offices	Operations Office, Conference Rooms, Multi-use Offices

CLASS

GustoMSC NG5500C
ABS A1 Self-elevating Unit + AMS + ACCU + DPS 2, BWT, CRC, Helideck + Wind IMR, NS / MNS (SEWTIS) (DPS B), CHG, MPP, LSA RCF, CAA, MO, AFS, BWM

FLAG

Japan

LEGS & JACKING SYSTEM

Number of legs	4 sets of closed circular type
Jacking System	MSC Positive Engagement
Speed	0.4 m/min

MAIN CRANE

Main Hook	800 t @ 24 m radius
Whip Hook	50 t @ 90 m radius

AUXILIARY CRANES

One Aux Crane Starboard Side

Main hook	12.50 t @ 30 m
Boom Length	30 m

One Aux Crane Port Side

Main hook	12.50 t @ 30 m
Boom Length	30 m

THRUSTERS

Fwd Retractable Thrusters	2 x 2 MW
Aft Azimuth Thrusters	3 x 1.5 MW

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 (max.)	22.2 m
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