

TECHNICAL SPECIFICATIONS

Wind Turbine Installation Vessel (WTIV)

Wind Scylla



CADELER

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PRINCIPAL DIMENSIONS

Length hull	139 m
Breadth, moulded	50.0 m
Depth to main deck	11.0 m
Draught hull, max VDL	~5.7 m
Max. design speed	~12.0 kn

GENERAL

Delivery	2015
Shipbuilder	Samsung Heavy Industries Co. Ltd.
Flag	Panama

OPERATING CONDITIONS - ELEVATED

Payload, jacking up to	~9,500 t
Water depth	~9 – 65 m

ACCOMMODATION

Max. Capacity	130 People Onboard
Cabins	63 Double Cabins 4 Single Cabins
Recreation Facilities	Cafeteria, Recreation Rooms, Fitness Centre, TV Lounges, Cinema and Gaming Facilities Drying/Wet Room, Coffee Rooms
Offices	Operations Office, Conference Room, 1 x Client Office, 1 x Sub-con office

CLASS

GustoMSC NG14000X
ABS A1 Self-elevating Unit + AMS + ACCU + DPS2, Self-propelled, Helideck + Wind IMR

TANK CAPACITIES

Marine gas oil	~2,020 m ³
Fresh water - potable	~540 m ³
Water ballast	~14,600 m ³

LEGS & JACKING SYSTEM

Leg Length	104.5 m
Max. Leg below hull	79.5 m
Number of legs	4 sets of triangular truss type
Jacking System	High Speed Rack & Pinion
Speed	0.8 – 1.2 m/min

MAIN CRANE

Main Hook SWL	1,540 t @ 33.4 m radius
Whip Hook SWL	600 t @ 66.9 m radius

AUXILIARY CRANES

Aux Crane 1	50 t @ 45 m FWD 10 t @ 45 m (man-riding)
Aux Crane 2	50 t @ 45 m AFT 10 t @ 45 m (man-riding)
Aux Crane 3	6 t @ 27 m SB 0-5 t @ 35 m (man-riding)

THRUSTERS

AzimuthStern Thruster	3 x 3.5 MW
Bow Retractable Azimuth Thruster	3 x 3 MW

DYNAMIC POSITIONING SYSTEM

Type	DP2
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CARGO AREA

Main Deck Area	4,600 m ²
Deck Loading	10 t/m ²

HELICOPTER LANDING DECK

D-value	22.2 m
Max Weight	12.8 t