

# TECHNICAL SPECIFICATIONS

## Windfarm Installation Vessel (WIV) Wind Maker

### PRINCIPAL DIMENSIONS

Length over all (incl. crane boom)	194 m
Breadth, moulded	56.00 m
Depth to main deck	11.50 m
Draught, design	6.33 m
Payload, jacking	> 13,500 t
Max. Speed (laden)	9.50 kts

### OPERATING CONDITIONS FOR JACKING

#### Service Restrictions when Jacking:

Leg Length	109 m
Leg length below hull	84 m
Footing Type	Spudcan
Current	Within DP Operating Envelope

### ACCOMMODATION

Cabins	84 Cabins (equipped with ensuite bathrooms, telephone, TV/DVD and network connections)
Recreation Facilities	Cafeteria, Recreation Rooms, Fitness Centre, TV Lounges, Golf Simulator
Offices	Operations Office, Conference Rooms, Multi-use Offices
Max. Capacity	130 People Onboard



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### CLASS

Design: GustoMSC NG16000X  
DNVGL, 1A Self-Elevating Wind Turbine Installation Unit, Crane unit,  
Battery(Power), BWM(T), ER(SCR, Tier III), Clean(Design), COMF-  
MOU(3), Crane, DYNPOS(AUTR), E0, ECA(SOx-A), HELDK, Recy-  
clable, NAUT(OSV), Fuel ready (Ammonia, [D;P;AEc]), Shore Power,  
Cyber Security (+)

### FLAG

Marshall Islands

### LEGS & JACKING SYSTEM

Number of legs	4 sets of open triangular truss type
Jacking System	Rack and pinion
Speed	0.2 - 0.65 m/min (stepless)

### MAIN CRANE

Main Hook SWL	2,600 t @ 31 m radius
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### AUXILIARY CRANES

#### Three Aux Cranes

Hook Capacities	25 t @ 30 m / 15 t @ 45 m 20 t @ 12.6 m / 5 t @ 35 m 2 t @ 25 m
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### THRUSTERS

Fwd Thrusters	2 x 3.5 MW Retractable Azimuth Thrusters / 1 x 3 MW Tunnel Thruster
Aft Thrusters	4 x 3.5 MW Azimuth Thrusters

### DYNAMIC POSITIONING SYSTEM

Type	DP2
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### CARGO AREA

Main Deck Area	ca. 5,000 m <sup>2</sup>
Deck Loading	10 t/m <sup>2</sup>

### HELICOPTER LANDING DECK

D-value (max.)	22.2 m
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