

GMS Endeavour and GMS Endurance

Multi purpose DP self propelled jack-up



Owner	Gulf Marine Services, Abu Dhabi
Builder	Gulf Marine Services, Abu Dhabi
Delivered	2011

Description

The NG series is a series of multi-purpose jack-up vessels. The self-propelled unit undertakes field moves and DP positioning for jacking operations. The NG-2500X is intended for use in water depths of up to 60 m (SWL), primarily in the Arabian Gulf.

Main dimensions

Hull length	61.0 m
Hull width	36.0 m
Hull depth	6.0 m
Hull draft	3.65 m
Leg length max (incl footing)	94.2 m
Leg length under hull	± 80.0 m

Classification and Regulations

ABS ✕ A1, Self Elevating Unit, ✕ AMS, ✕ ACCU, ✕ DPS-2

Jacking system

• Type	rack & pinion
• Preload	2,750 t per leg
• Jacking speed (hull)	0.8 m/min

Power plant and propulsion

• Generator sets	4 x 1,500 kW
• Emergency set	480 kW
• Thrusters	4 x 1,200 kW

Craneage

• Main crane	300 t at 11 m
• Auxiliary crane	15 t at 25 m

Hotel facilities

Fully air-conditioned cabins for up to 150 persons
Facilities up to 150 persons

Helideck

• Helicopter	Super Puma AS332L2
• Dimension	19.5 m

The Netherlands

Karel Doormanweg 66, 3115 JD, Schiedam
P.O. Box 687, 3100 AR Schiedam

Telephone +31 (0)10 232 0800
Telefax +31 (0)10 232 0801

www.GustoMSC.com



Storage capacities

• Fuel oil	300 m ³
• Potable water	450 m ³
• Brine	160 m ³

Variable load and deck space

• Variable load (survival)	1,300 t
• Free deck space	900 m ²

Design criteria

	operating	survival
• Water depth max [m]	60.0	60.0
• Wave height max [m]	7.0	10.5
• Associated wave period [s]	8.0	10.0
• Surface current [m/s]	1.1	1.3
• Wind speed (1 min) [m/s]	30.1	35.1
• Leg penetration [m]	1.0	3.0
• Air gap (SWL) [m]	15.0	15.0

GustoMSC services

GustoMSC provided the basic design package, including all services required to obtain ABS Classification. GustoMSC also delivered the rack and pinion jacking systems.

Data presented in this product sheet is for information only. Unit specific specifications as provided by the Owner shall prevail.

