

# Seajacks Kraken and Leviathan

## Multi purpose DP self propelled jack-up



**Owner** Seajacks UK  
**Builder** Lamprell Energy Ltd, UAE  
**Delivered** 2009 / 2010

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

### 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 52 m (SWL) in a North Sea type rough environment.

**Power plant and propulsion**  
 • Generator sets 4 x 1,600 kW  
 • Emergency set 480 kW  
 • Thrusters 4 x 1,500 kW

### Main dimensions

Hull length 61.0 m  
 Hull width 36.0 m  
 Hull depth 6.0 m  
 Hull draft 3.7 m  
 Leg length max (incl footing) ± 70.0 m

**Craneage**  
 • Main crane 300 t at 16 m  
 • Auxiliary crane 20 t at 37.5 m

### Classification and Regulations

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

**Hotel facilities**  
 Fully air-conditioned cabins for 90 persons  
 Facilities up to 120 persons

**Helideck**  
 • Helicopter S61N, S92  
 • Dimension 22 m

### The Netherlands

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### Storage capacities

• Fuel oil	300 m <sup>3</sup>
• Potable water	480 m <sup>3</sup>
• Brine	200 m <sup>3</sup>

### Variable load and deck space

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

### Design criteria

	operating	survival
• Water depth max [m]	52.0	45.6
• Wave height max [m]	6.8	13.1
• Associated wave period [s]	8.1	11.3
• Surface current [m/s]	1.4	1.6
• Wind speed (1 min) [m/s]	21.0	38.8
• Leg penetration [m]	1.0	1.0
• Air gap (SWL) [m]	13.5	12.9

### 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.*

