

HEA Kraken



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Kraken

Constructed in 2009, Kraken has an extensive track record supporting oil & gas operations in the Southern North Sea and offshore Canada. Kraken most notably played a major part in the Shell one gas campaign, supporting the servicing of more than 50 platforms over a 3 year period to increase their productive life.

CLASSIFICATION AND RULES

Type:	GustoMSC NG2500X
Built:	2009
Yard:	Lamprell Energy Limited, Dubai
Class:	ABS A1 Self-elevating Unit + AMS+ ACCU + DPS 2, Self Propelled
Flag:	Panama
IMO:	9522207

MAIN DIMENSIONS

Hull	
Length (waterline):	61m
Length (overall):	80m (including helideck)
Width overall:	36m
Hull depth:	6m
Draft:	3.75m (6.77m incl. thruster)
Main deck area:	900 m ²
Deck load	5t/m ²
Variable load:	1590 t
GRT/NRT	5186/1555 t

Helideck (Aluminum)

Diameter:	22.2 dia., 12.8 tons
Helicopter Type:	Sikorsky S92A- S61N)

Legs and Spudcans

Number/Type:	4/triangular truss
Footing type:	Spudcan with pin
Leg length:	84.8m
Length below hull:	70.7m
Max. Water Depth:	41 m
Spuds Surface Area:	30 m ²

Jacking System

Type:	Electric rack and pinion
Pinion:	18/leg (Total 72)
Elevating speed:	0.8m/min
Pre-load capacity	2700t/leg - 90t/pinion
Max jacking load:	5880t
Bearing Pressure:	99.88t/m ²

MACHINERY/EQUIPMENT

Main Generator:	4 x CAT 3516, 1600 ekW
Em,cy Generator:	1 x CAT 3412C, 480 ekW
Water Maker:	2 x 40 m ³ /day RO Type
Sewage treatment:	168m ³ per day

Deck Equipment

Anchor Winches:	1 x Electro-Hydraulic 290 kN, 400 m x 48 mm
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CRANES

Main crane	Huisman pedestal mounted at stern
Boom length:	67.6m
Capacities:	230t @ 17.5m, 160t @ 26m, 45t @ 54.5m (manriding)
Auxiliary crane	1 x Liebherr 50t MTC 2600-100 D Litronic deck crane
Boom length:	35.1m
Capacities:	100t @ 10.3m Aux 15t

SAFETY SYSTEMS

Fire and gas detectors throughout the whole vessel in full compliance with MODU requirements.

2 x 150 POB Lifeboats.
1 x 6 men MOB/Fast Rescue Craft.
12 x 25 men Life rafts

FIFI System

Fire Pumps - 2x 180m³
fire monitors - 2 x 350m³

PROPULSION UNITS

Azimuth thrusters:	4 x 1500kW, ZF, HRP 8000 (8046 WM)
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Avg service speed: 7 knots

Control Systems

Dynamic Positioning Control System (DPCS) according to ABS DPS 2. (kongsberg)

Navigation and communication systems, according to IMO and DSI requirements.

ACCOMMODATION AND FACILITIES

Standard accommodation:

262 POB total POB.
4 x 1 men berth
11 x 2 men berth
35 x 4 men berth
24 x 4 men berth (TLQ)

Cabins equipped with en-suite shower/toilet, telephone, TV/DVD and network connections.

Facilities

Galley, mess room, client offices, meeting room, recreation rooms, gymnasium, male and female changing rooms, coffee rooms, sick bay, Heli reception/departure facilities, laundry, stores and workshops.