

"NORTH SEA GIANT"

MULTIPURPOSE OFFSHORE CONSTRUCTION VESSEL

offshore
support journal
awards 2012
Support Vessel of the Year winner

Support Vessel of the Year



PRINCIPAL PARTICULARS

Length over all	153,60 m.
Length between p.p.	144,06 m.
Breadth moulded	30,00 m.
Depth main deck	10,70 m.
Depth tween deck	7,70 m.
Max. draft	7,00 m.
Gross tonnage	18.151
Installed power	22 MW

CAPACITIES

Deck Area	2.900 m ²
Fuel-Oil	2.000 m ³
Fresh Water	1.000 m ³
Ballast Water	8.000 m ³

CLASS

Det Norske veritas +1A1, HELIDECK, DYMPOS, AUTRO, EO, DK, (+), CLEAN, COMF-(V-3), NAUT-OSV, CLEAN DESIGN

ACCOMMODATION

Total number of crew 120 persons

EQUIPMENT FOR CARGO

MAIN CRANE
Make: *Hydramarine*
(1) Max. lifting capacity 400 T.
(1) Max. lifting capacity 50 T.

PROVISION CRANE

Make: *TTS* - Type GP-80-2-15
Max. lifting capacity 2 T.

MOON POOL HATCH

Designed by *SP Consultores*
Size 7,20 x 7,20 m.
With electro-hydraulic power pack. Make: *Neuwalme*

DECK MACHINERY

ANCHOR MOORING WINCH (2) Electro-hydraulic
Make: *Carral*

CAPSTAN (2) Electro-hydraulic
Make: *Carral*

MANOEUVRING SYSTEM

VOITH PROPELLERS (3)
Make: *Voith Schneider* - Type R& EC/280-2
Power 3.800 Kw.

VOITH FORWARDTHRUSTER (2)
Make: *Voith Schneider* - Type R& EC/280-2
Power 3.800 Kw.

TUNNEL THRUSTER (1)
Make: *Rolls-Royce* - Type TT-2800
Power 2.000 Kw.
Propeller diam. 2.800 mm.

DYNAMIC POSITIONING SYSTEM (DP3)

Make: *Kongsberg Maritime* - Type DPC21

DIESEL ELECTRIC PROPULSION SYSTEMS

ENGINES (6)
Make: *General Electric*
Power 3.630 Kw at 900 r.p.m.

GENERATOR (6)
Make: *Leroy Somer* LSA 58 55/8p
Power 4.375 Kva. at 900 r.p.m. 690V/60Hz.

HARBOUR/EMERGENCY GENERATOR

ENGINE
Make: *Caterpillar* - Type C 18 TA
Power 580 KW. at 1.800 r.p.m.

GENERATOR
Make: *Stanford* - Type 634C
Power..... 690V/60Hz 800 Kva.

MACHINERY SYSTEMS

PUMPS
Make: *Allweiler AG/Azcue*

BILGE WATER SEPARATOR
Make: *Marinfloc* - Type CD-2 m³

STARTING AIR COMPRESSOR (2)
Make: *Sperre* - Type HL2/160

SERVICE AIR COMPRESSOR (2)
Make: *Tamrotor* - Type TMC-65
Capacity 9,60 m³

LUB-OIL SEPARATOR (3)
Make: *Alfa Laval* - Type PU-150

FUEL OIL SEPARATOR (3)
Make: *Alfa Laval* - Type PU-150

FRESH WATER GENERATORS (2)
Make: *Alfa Laval* - Model Aqua 100
Capacity 25T/day each

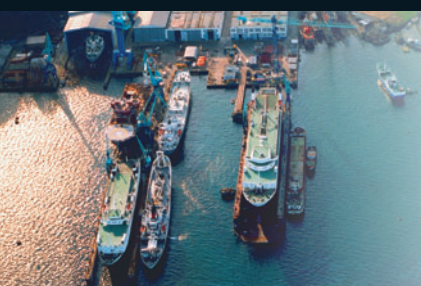
INCINERATOR (1)
Make: *Detegasa* - Type DELTA IRL-65
Capacity 650.000 Kcal/h

ANTI-HELLING SYSTEM (1)
Make: *Framo* - Type RBP 300
Flow 1.000 m³/h

TANK SOUNDING SYSTEM
Make: *Ariston-Norway*

SHIP'S SYSTEM

Automation system *Wartsila Automation*
Electric installation company *Isolux*
Ventilation/Air conditioning system *Novenco*
Accommodation *Regenasa*



MetalSHIPS
& DOCKS, S.A.U.

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