

"NORTH SEA GIANT"

MULTIPURPOSE OFFSHORE CONSTRUCTION VESSEL



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
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EQUIPMENT FOR CARGO

MAIN CRANE

Make: *Hydramarine*

(1) Max. lifting capacity	400 T.
(1) Max. lifting capacity	50 T.

PROVISION CRANE

Make: <i>TTS</i> - Type	GP-80-2-15
Max. lifting capacity	2 T.

MOON POOL HATCH

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

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/Azuce*

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* |

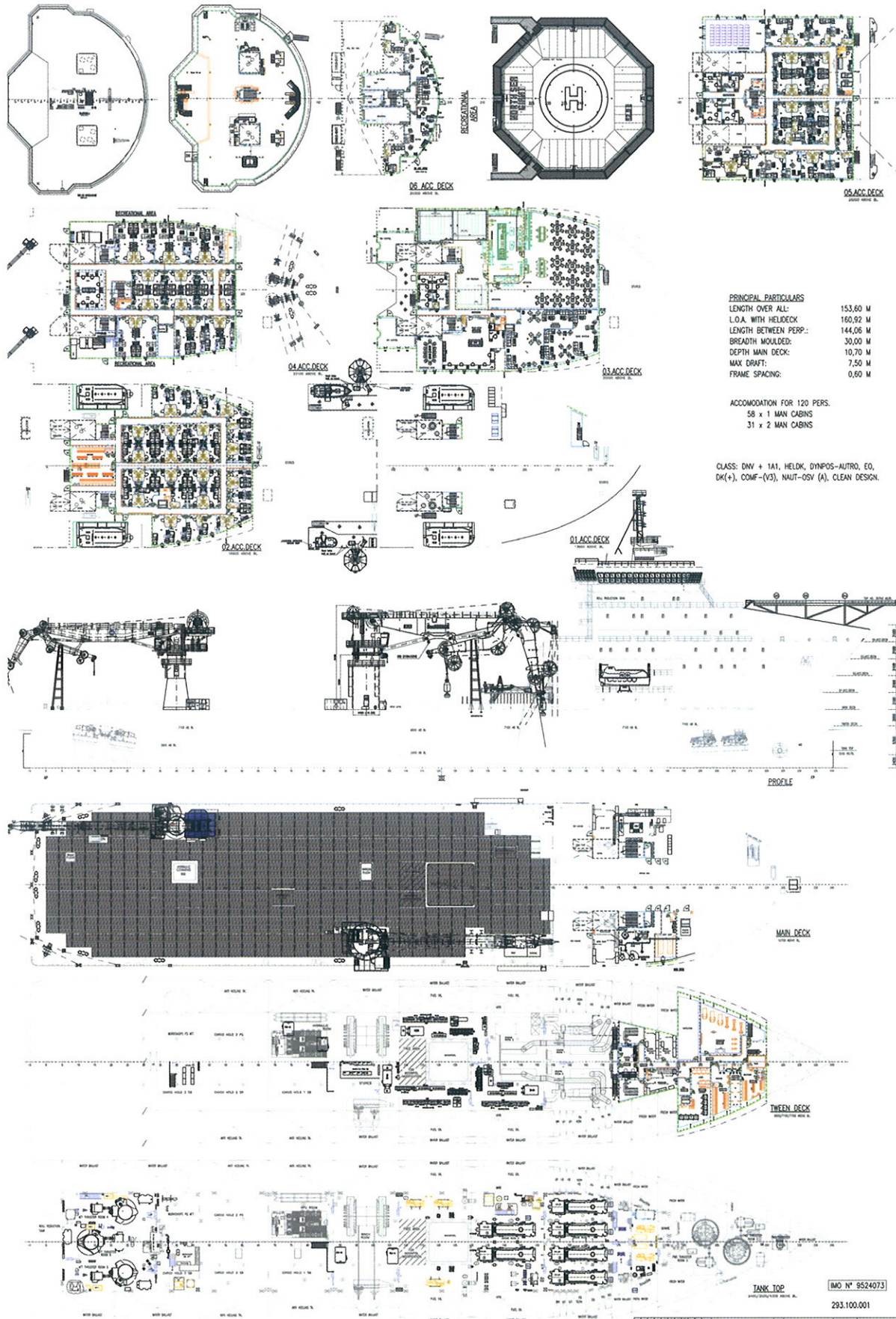
Accommodation *Regenasa* |



MetalSHIPS
& DOCKS, S.A.U.

"NORTH SEA GIANT"

MULTIPURPOSE OFFSHORE CONSTRUCTION VESSEL



PRINCIPAL PARTICULARS
 LENGTH OVER ALL: 153,60 M
 L.O.A. WITH HELIDECK: 160,92 M
 LENGTH BETWEEN PERP.: 144,08 M
 BREADTH MOULDED: 30,00 M
 DEPTH MAIN DECK: 10,70 M
 MAX DRAFT: 7,50 M
 FRAME SPACING: 0,60 M

ACCOMMODATION FOR 120 PERS.
 58 x 1 MAN CABINS
 31 x 2 MAN CABINS

CLASS: DNV + 1A1, HELDK, DYNPOS-AUTRO, EO, DK(+), COMF-(V3), NAUT-OSV (A), CLEAN DESIGN.

Project Name: MULTIPURPOSE OFFSHORE CONSTRUCTION VESSEL Project No.: S387/07-085 Drawing No.: D531 Drawing Date: 11/05/07 Drawing Scale: 1:200 Drawing Status: AD+		Drawing No.: 8/AS9 Drawing Date: 11/05/07 Drawing Scale: 1:1
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