

# OCV "DEEP ORIENT"

MULTIPURPOSE OFFSHORE CONSTRUCTION VESSEL



## PRINCIPAL PARTICULARS

Length over all.....	132,44 m.
Length between p.p.....	120,40 m.
Breadth moulded.....	27,00 m.
Depth main deck.....	9,70 m.
Depth tween deck.....	6,20 m.
Max. Draft.....	6,85 m.
Gross tonnage.....	12.100

## CAPACITIES

Deck Area.....	2.000 m <sup>2</sup>
Fuel-Oil.....	2.200 m <sup>3</sup>
Fresh Water.....	860 m <sup>3</sup>
Ballast Water.....	7.600 m <sup>3</sup>

## CLASS

Det Norske veritas+1A1, DYMPOS-AUTR, EO, DK, (+), CLEAN DESIGN, CONEV(3) C(2), NAUT.OSVA, HELDEK, BIS

## ACCOMMODATION

Total number of crew.....120 persons

## EQUIPMENT FOR CARGO

DECK CRANE (1)  
Make: National Oilwell.....OC4475KSCE  
Max. Lifting capacity.....250 T. a 12 Mts.

## SISTEMA ROV (2)

Gantires Make: Sepro Technology.....ORS 18  
Rov Make:.....Triton XLX

## PROVISION CRANE (2)

Make: TTS - Type.....GP-115-5-12  
Max. Lifting capacity.....5 T. a 12 Mts.

## MOON POOL HATCH

Size.....7,20 x 7,20 m.

## DECK MACHINERY

ANCHOR MOORING WINCH (2) Electro-hydraulic  
Make: Ibercisa.....MAN-H/H/62  
CAPSTAN (2) Electro-Hydraulic  
Make: Ibercisa.....MAN-H/50

## MANOEUVRING SYSTEM

AZIMUTH THRUSTER (2)  
Make: Rolls-Royce - Type.....AZP-120  
Power.....3.500 Kw.  
Gear reduction.....2,26:1  
Motor Make.....Alconza

TUNNEL THRUSTER (2)  
Make: Rolls-Royce - Type.....TT-2400  
Power.....1.500 Kw.  
Motor Make.....Alconza  
Propeller diam.....2.400 mm.

SWING THRUSTER (1)  
Make: Rolls-Royce - Type.....TCNS-92/62  
Power.....1.500 Kw.  
Motor Make.....Alconza

## DYNAMIC POSITIONING SYSTEM

Make: Kongsberg Simrad - Type.....DPC21

## DIESEL ELECTRIC PROPULSION SYSTEMS

ENGINES (4)  
Make: Wärtsilä - Type.....8L32  
Power.....3.840 Kw at 720 r.p.m.

GENERATOR (4)  
Make: Alconza - Type.....NIR 7185 A-10LW  
Power.....4.612 Kva. at 720 r.p.m. 690V/60Hz.

## HARBOUR/EMERGENCY GENERATOR

ENGINE  
Make: Mitsubishi-Type.....S-12A2  
Power.....828Kw. A.1.800 r.p.m.

## GENERATOR

Make: Stamford-Type.....HCM-634 K  
Power.....690V/60Hz.....952 Kw.

## MACHINERY SYSTEMS

### PUMPS

Make:.....Azcue

### BILGE WATER SEPARATOR

Make: Alfa Laval - Type.....CPS-10B-2,5

### STARTING AIR COMPRESSOR (2)

Make: Sperre - Type.....HL2/160

### SERVICE AIR COMPRESSOR (1)

Make: Tamrotor - Type.....TMC-150-9  
Capacity.....22,50 m<sup>3</sup>

### LUB-OIL SEPARATOR (2)

Make: Alfa Laval - Type.....PU-150

### FUEL OIL SEPARATOR (2)

Make: Alfa Laval - Type.....PU-150

### FRESH WATER GENERATORS (2)

Make: Aquamar.....Model: 25/2  
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 250-Flow 600 m<sup>3</sup>/h

### TANK SOUNDING SYSTEM

Make:.....Ariston-Norway

## SHIP'S SYSTEM

Navigation.....Westronic  
Automation System.....Wartsila Automation  
Electric installation company.....Isolux  
Ventilation/Air conditioning system.....Novenco  
Accommodation.....Regenasa

**MetalSHIPS**  
& DOCKS, S.A.U.



