

## ST- 246 DSV

ST- 246 DIVE SUPPORT VESSEL



The vessel is an advanced deep sea offshore vessel intended to operate in most weather conditions all over the world and with good maneuverability and station keeping capabilities. The vessel will also be designed for relatively high transit speed.

The vessel shall be designed and constructed to perform services under the conditions as described hereafter.

a) The vessel shall be capable of undertaking worldwide sea voyages, excluding Arctic and Antarctic regions, under its own power at fully loaded draft.

b) Shall have capability to provide the following multi-functional support facilities:

- DSV-SAT operations through moon pool
- Air dive operations with launching over SB side
- ROV operations with launching of WROV through moonpool and over side
- Crane operation over ship sides
- Sub-sea construction works
- General DP operations

# ST- 246 DSV

## ST- 246 DIVE SUPPORT VESSEL

### ★ PRINCIPAL PARTICULARS

Length o.a : 124.00m  
Breadth, mld : 24.00m  
Depth to Main-deck : 10.20m  
Design draft abt. : 6.50m  
Max. draft abt : 7.30m  
Trial Speed (6.0m) abt. : 14.5knots

Diesel oil Capacities: 1800m<sup>3</sup>  
Potable water Capacities: 1000m<sup>3</sup>  
Ballast water Capacities: 4700m<sup>3</sup>  
Endurance: 45days  
Accommodation: 120P

### ★ DESIGN CONDITIONS

Maximum outside temperature : 45° C 80% RH  
Minimum outside temperature : -10° C  
Maximum seawater temperature : 32° C  
Minimum seawater temperature : 0° C

### ★ CLASS NOTATION

DNV-GL

CCS

The vessel, its machinery, installations and equipment to be built according to the Rules and Regulations of DNV - GL and CCS, and to be delivered to the Buyer with clean certificates with the following notations:

**DNV** :

DNV +1A1 -E0, SF, DYNPOS AUTRO, SPS, CLEAN DESIGN, NAUT AW, DK(+), HELDK-SH, CRANE, COMF-C(3) V(3), BIS, DSV-SAT, DSV-SURFACE, BWM-T, RECYCLABLE, ECA (SOx-A)

**CCS** :

CCS★CSA, SPS, DSR-Sat, DSR-Air, Strengthened for Deck Cargoes, Loading Computer (S,I,D), Helicopter Facilities, Lifting Appliance, DP-3, In-Water Survey, COMF(Noise 3, VIB3)

★CSM, AUTO-0, LSFO, OMBO, Clean Plus, BWMP, BWMS, GPR

### ★ FLAG

The flag of LLIBERIA.

### ★ MAIN EQUIPMENTS

#### a) Electric propulsion plant

- Four (4) main diesel generator sets): 4x3490kW, AC690V, 60Hz, 3PH
- Two azimuth thrusters aft): 4x3200kw, CPP, AFE
- Two tunnel thrusters in bow): 4x 1600kw, FPP, AFE
- Two retractable azimuth thrusters in bow): 1400kw, CPP, AFE

#### b) Main crane AHC

Main hook : 250tons @12m outreach

Lifting capacity SWL : 20tons at 40m outreach

Capacity of wire drum): 3000m

Wire length min): 2000m

#### c) DP3 Dynamic Positioning System : according to Class notation DYNPOS AUTRO

#### d) ROV Rov related equipment

ROV The vessel will be fitted with hangar for two WROVs

One set LARS for Launching Over Side)

3000m (Cable capacity (ø39.5mm):3000m)

ROV 3000m (Cable capacity (ø39.5mm):3000 m)

#### e) Saturation diving system

- Sea state code :66 (at the discretion of the vessel master and owner)
- Max Operating depth : 300m
- Number of divers : 24P
- Diving Bell :2