



COASTAL TRIUMPH

DP2 Geosciences & ROV / Dive Support Vessel

The **COASTAL TRIUMPH** is a new age, specialized DP2 multipurpose work platform for executing wide range of offshore services such as Geophysical Surveys, ROV & Dive Operations & Construction Support. Designed by professionals with several decades of experience in the offshore construction support industry and built to exacting specifications under ABS, the vessel is unique in its versatility as it is in its performance.

TECHNICAL SPECIFICATION

PRINCIPAL PARTICULARS

Vessel Name	: Coastal Triumph
Owner	: Coastal Marine Construction Engineering Ltd. (Mauritius) Ltd
Manager	: Innovocean Maritime Pvt. Ltd.
Delivered	: 2010
Flag	: Mauritius
Port of Registry	: Port Louis
IMO NO.	: 9534913
Classification	: ABS
Notation	: +A1, (E), Offshore Support Vessel, +AMS, +DPS -2

PRINCIPAL DIMENSIONS

Length Extreme	: 68.50 meters
Length OA	: 64.00 meters
Length WL	: 59.58 meters
Breadth Molded	: 13.30 meters
Depth Molded to Main Deck	: 5.20 meters
Draft (maximum)	: 3.8 meters
Deadweight (maximum)	: 1050 tones
GT	: 1291
NT	: 387

MACHINERY

Service Speed	: 0-11.5 Knots
Main Engines	: 2 x Caterpillar 3508B Total BHP 2600
Diesel Alternators	: 3 x Caterpillar C18-500 kw each (synchronized) 1 x Caterpillar C4.4 kw (emergency) (Rated Power: 54.9 KW, 440 V, 60Hz)

PROPULSION SYSTEMS

- 2 x HRP 6111 WM Azimuth units of 950 KW each
- 2 x HRP 4001 TT Tunnel Thruster units of 450 KW each

WORKING DECK LAYOUT

Deck Area	: Up to 350 m2
Max Deck Loading	: 7.5 tone/m2
ROV support activity	: Use of command container modules
Vertical Capstan	: 1 Capstan x 5 tones

DYNAMIC POSITIONING SYSTEM DP2

CONVERTEAM DP SYSTEM

- 2 x ADP Workstation in a Console
- 2 x DP Controller Cabinet
- 1 x IJS Fixed Joystick (Customer Mounted)
- 1 x IJS Controller Cabinet

SENSORS

- 2 x TSS Meridian Standard Gyrocompass
- 2 x Gill Wind Observer 2 Anemometer
- 2 x Lightning Barrier Box
- 2 x TSS DMS RP-30 Roll Pitch Vertical Reference Unit

PERIPHERALS

- 2 x GP001 5A General Power Supply
- 2 x Gamatronic 1.7 KVA UPS (ALS210-2K)
- 2 x OKI 280 Alarm & Event Printer
- 1 x DP Engineers Laptop
- 1 x Duplex Changeover Switch
- 1 x 1KVA Isolating Transformer

POSITION MEASUREMENT EQUIPMENT

- 2 x Veripos DGPS LD3
- 1 x Cyscan Mk2 - with laptop

INTERFACES TO THE FOLLOWING CUSTOMER SUPPLIED EQUIPMENT

- 1 x Acoustics (Sonardyne)

CARGO CAPACITY

Fuel Oil	: 406 tones
Freshwater	: 342 tones
Drill Mud (Geotech Ops)	: Guar Gum Dry Capacity 45 cum, Guar Gum Mixing Capacity 36 cum

CRANEAGE FACILITIES

PORT AFT MAIN DECK

- 1 x Plimsoll Hydraulic telescopic crane
- Outreach
- 10 tones x 10 meters
- 5 tones x 15m

STBD MIDSHIPS ACCOM

- 1 x 5T Hydralift Fixed Boom
- Outreach 5 tones x 9 meters

ACCOMMODATION

- 7 (7x1) Man Berth Cabins
- 16 (8x2) Man Berth Cabins
- 24 (6x4) Man Berth Cabins
- 47 - Total POB (can be augmented to 59)
- 1 x Hospital
- 1 x Conference Room
- 1 x Laboratory
- Immersion suits for all POB available

A-FRAME

- 1 x 25 t capacity, with Hydraulic Retraction
- 6m vertical clearance from deck
- 2m extension beyond stern max

4 POINT MOORING SYSTEM

- 4 x 25T Plimsoll drag brake system winches with brake holding 60T auto spooling arrangement
- 4 x 1250 m x 32 mm steel wire rope
- 1 x Electro Hydraulic Power Pack
- 4 x Swivel Fairleads and sheave sets
- 4 x 3T Flipper Delta (High Holding) Anchors
- 4 x Length & tension monitoring system with digital display
- Centralized remote control panel in bridge

NAVIGATION & COMMUNICATION

- Integrated Bridge Navigation System
- GPS - JMC GP - 200
- Inmarsat System - Fleet Broad Band (FBB-500)
- Sat C fully Integrated
- Navtex - JMC NT - 2000
- Echo Sounder - JMC F - 3000W
- Radar - Raytheon NSC S Band Radar ARPA
Koden X Band Radar / with ARPA
- SSAS - Transas
- UAIS M-2 Transas
- 1 Raytheon Anschutz
- Gyro Repeaters - Anschutz
- Auto pilot - Anschutz Pilotstar D
- Speed Log 4020 - John Lilley & Gillie Ltd
- ECDIS - Transas
- VDR - Transas
- 3 x VHF - Sailor
- Magnetic Compass - Lilley & Gilly

CENTRE MOONPOOL

- 3.6 meters x 4.0 meters

STP PLANT

Make	: Ham worthy
Model No.	: ST 4A - 1P.1C
Capacity	: 2 x 25 Persons

RO PLANT

Make	: ECH2OTEC Dual Vertical System (1500-PRO-4DL)
Capacity	: 10 MT/Day
Fresh Water Makers	: Reverse Osmosis Water Makers, rated output

Specifications subject to change without notice.
Equipment and general layout on vessel will vary based on deployment.