DP-2 CONSTRUCTION MULTI-PURPOSE VESSEL

CCC PIONEER

The CCC Pioneer is a versatile, multipurpose Dive/ROV support vessel, which is suitable for survey, IRM and light to medium construction projects.With its state-of-the art dynamic positioning (DP) system, a reference suite which is second to none and excellent sea-keeping characteristics, the CCC Pioneer is the right choice for your offshore construction requirements.

HIGHLIGHTS

- State of the art DP, power management and reference suites.
- Accommodation for 112 personnel plus divers in saturation.
- Offshore 75 Ton telescopic crane and an offshore 30 Ton telescopic crane.
- 650 m^2 clear deck area.
- Optimised Sonardyne Ranger 2-Pro (6G) USBL system.
- V-Sat voice, data communications, capable of expansion to meet client demand.
- Fresh water generation capacity of 40 Tons/day.
- Satellite TV; telephone; internet connection in every cabin (internet connection subject to bandwidth availability).

VESSEL SPECIFICATIONS

PRINCIPLE PARTICULARS

Year Built:	2005
Builder:	ABG Yard, India
Class:	ABS+A1 (E)+AMS+DP-II+ "Special Offshore Diving Support/Construction Vessel"
Flag:	Panama
Call Sign:	H9GK
IMO Number:	IMO 9309112

DIMENSIONS

Length Overall:	83.5 m
Breadth Moulded:	18.2 m
Depth, Main Deck:	8.0 m
Design Draft:	5.25 m
GRT:	4,001 Tons
NRT:	1,200 Tons

CAPACITIES

Fuel Oil:	1,025 m^3
Potable Water:	610 m^3
Ballast Water:	1,212 m^3
Fresh Water Generators:	2 x 40 Ton/day
Lube Oil:	24 m^3
Hydraulic Oil:	9.9 m^3
Sewage Tank:	29.6 m^3
Oil Bilge Tank:	10.4 m^3
Deck Cargo:	750 Tons
Clear Deck Area:	650 m^2,w/o mezzanine
Open Deck Strength:	10 Ton/m^2
Incinerator:	1 x Detagasa, Delta IR10, Capacity 100,000 Kcal/hr
Cement:	4 x 50 Tons Silos, Discharge Rate 25 m^3/hr at 55 m Head

PERFORMANCE

Maximum Speed:	12 Knots
Economical Speed:	10 Knots
Endurance:	45 Days
Fuel Consumption:	Econ. Speed 17 Tonnes. Aver. Speed 10 Tonnes (DP)

MACHINERY

Main Engines:	5 x Wartsila 9L20C Diesel Electric Gen 1,862 kVA, 690 Volts, 3 Phase, 60 Hz
Propulsion:	2 x 2,000 kW Rolls Royce (Ulstein Aquamaster US 255) FPP
Bow Thrusters:	3 x 700kW, Rolls Royce TT1650 DPD CP
Emergency Generator:	Caterpillar 3408C, 365 kW, 3 Phase, 440 Volts, 60 Hz

DYNAMIC POSITIONING

Sensors:	3 x Gyrocompasses 2 x Anemometers. 3 x Vertical Reference units
Make:	Convertean ADP Duplex DP System, w. C-Series Hardware/Software Upgrade
Control Modes:	Joystick Manual Heading, Joystick Auto Heading, DP, DP minimum power, ROV Follow, Auto Track, Auto Sail
References:	Kongsberg Seatex DPS700 (DGPS / GLONASS) 1 x Radascan References 2 x Cyscan Laser References 1 x Optimised Sonardyne Ranger2-Pro (6G) USBL. 1 x Sonardyne Ranger2-Pro (6G) USBL. 2 x Taut wires

DECK MACHINERY

Anchor Windlass:	Plimsoll Hydraulic Driven, Double Gypsies, Double Warp Drums
Anchors:	3 x 3,060 Kg Stockless Bower Type (one spare)
Capstans:	2 x Vertical Type Capstans, 100/50 Kn pull 10/20 m/min
Deck Air:	600 cfm @ 7 Bars

DECK CRANE

Main Crane:	National Oilwell, 75 Tons
Capacity:	75 Tons @ 9 m, 40 Tons @ 16 m, 15 Tons @ 32 m Heave Compensation up to 20 Tons Man Riding Certified
Auxillary Crane:	MCT, 30 Tons
Capacity:	30 Tons @ 12 m, 15 Tons @ 24m,
Aux. Hoist:	3 Tons @ 25 m/1 Ton in Main Riding Mode

HELICDECK

Designed to CAP 437 and Suitable for Sikorsky S61, TSS Helideck Monitoring System

LIFE SAVING APPLIANCE

In compliance with SOLAS 1974

MOONPOOL

4 m x 4 m - aerated

SATURATION DIVING SYSTEM

ABS Classed Saturation Diving System,

12 Man Saturation Diving System, comprising of 3 living chambers (DDC)

3 Man Diving Bell
Design Working Depth of 200MSW
12 Man Self-Propelled Hyperbaric Lifeboat (SPHL)

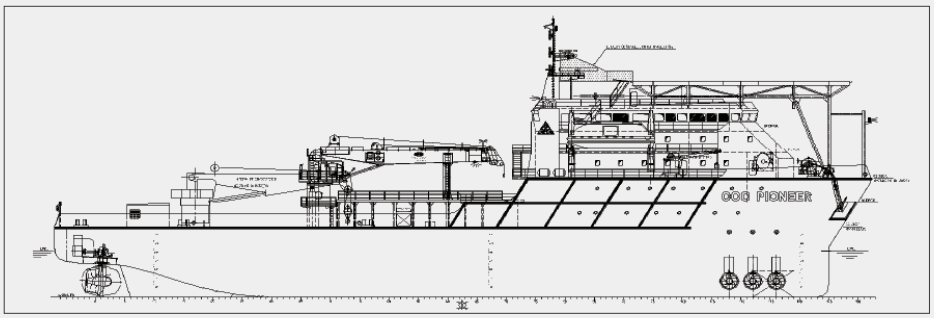
AIR DIVING SYSTEM

Design Working Depth of 50MSW
2 x LARS with 2 man diving basket
2 x 60 inches DDC's
3 x HP Compressors
8 x Kelly Tubes
1 x SRP
1 x Work boat

ACCOMMODATION

Total Capacity:	112 + Divers in Saturation
Single Berth Cabins:	12
Double Berth Cabins:	15
Four Berth Cabins:	20
Offices:	7
Medical Room:	1, with 2 beds Conference Rooms, Gymnasium and Recreation Room

VESSEL LAYOUT



Note: The technical specifications presented within this document are subject to change without prior notification.The information presented within this document are believed to be correct, but no guarantees of accuracy can be given.