

84M CSS MAINTENANCE AND SAFETY UNIT



CSS MAINTENANCE AND SAFETY UNIT, 84 M x 32 M, BV, +DPS-2, HELIDK, DYNAPOS AM/AT R, 200 PAX ACC.

Manager NORTTRANS ACCOMMODATION PTE LTD
 Class/Notation BV + OFFSHORE SEMI-SUBMERSIBLE UNIT SPECIAL SERVICE (COLUMN STABILISED UNIT), UNRESTRICTED
 NAVIGATION, HEL, INWATERSURVEY, DYNAPOS AM/AT R
 Vessel Name BELAIT CSS 1 (NOR BELAIT)

PRINCIPAL PARTICULARS

Length Overall	84.0 m
Beam Moulded	32.0 m
Depth to Main Deck	20.8 m
Operating Draft	8.9 m
Deep Operating Draft	13.5 m
Speed	7.2 knots
Type of Fuel	Marine Gas Oil
Place of Build	China

MACHINERY/PROPELLION

Main Diesel Generators	6 x 2320 kw 8M25C
Emergency Generators	1 x 910 kw
Thrusters	4 x 2200 kw Azimuths Rolls Royce US 255P30 FP/1200 rpm,690v

DECK/AUXILIARY EQUIPMENTS & OTHERS

Anchors	3 x 5850 kgs HHP
Chain	62 mm U3 grade
Anchor/Mooring Windlass	2 x 20 t@ 0-23 m min c/w Warping Heads
Stern Mooring Winches	2 x 20 t@ 0-23 m min Deck
Crane	150 t @48m Liebherr-Werk
Aux. Crane	25 t@ 53.6 m
Man-Riding Basket	Wave4 Capsule Reflex Marine
Helideck	To suit Sikorsky S92-N Complies with CAP 437
Gangway	Hydraulic Positioning, Max Length 42.5 m Stroke +/- 5.5 m

CAPACITIES

Gross Tonnage	12.675 T
Deck Cargo Capacity	500 T
Cargo Deck Free Area	1000 m ²
Deck Strength	10 t/m ² (Fr. 15 – Fr.50) 5 t/m ² (Fr. 0-15 – Fr.50-80)
Fuel Oil	1367.6m ³
Fresh Water	739.2m ³
SW Ballast	4990.4m ³
Mud/Brine	1234.6m ³
Water Ballast/Drill Water	2259.2m ³
Sewage Holding Tank	24.20m ³
Lub Oil	58.60m ³
Freezer & Chiller	For a period of 30 Days

ACCOMMODATION

Passengers	160 men
Crews	40 men
Total	200 men
Conference Room	2
Offices	7 for Client
Hospital	1 (4 beds)
Gym	1
Fully Air-Conditioned	HVAC Integrated with F&G System
Fixed Gas Detection	H2S and Combustible Gas

RADIO & NAVIGATION EQUIPMENT

GMDSS: Area 1+2+3
1 x Inmarsat C with SSAS and LRIT
1 x MF/HF-DSC Radio Telephone
2 x VHF Radio Telephone
6 x Two-way portable VHF RT (GMDSS W/T)
3 x VHF-DSC Radio Telephone
1 x 96nm X-band Radar
1 X 96nm S band Radar
1 x Magnetic Compass
3 x Gyrocompass
2 x DGPS
1 x Autopilot
1 x AIS
1 x BNWAS
1 x Echo sounder, Speed log
1 x VDR
1 x Weather Fax Receiver
1 x Auto Telephone System
1 x Sound Powered Telephone System
1 x Talkback System, 2 x PA System

Local Area Network (LAN) connected
1 x TV and Radio System

DP System Kongsberg K Pos DP-22, with following references system:
3 x Gyro Compass – 3 x Wind sensors – 3 x VRUs – 2 x DGPS
1 x CyScan- 1 x Radius – 1 x HIPAP 350

FIRE EXTINGUISHING SYSTEM

Fire Main Pump 2 x 150 Cu.m @125 m Hd
Fire Main / General Service Pump 1 x 60Cu.m @ 80m Hd
HALF Fi Fi SYSTEM: 1 x 1200Cu.m @ 160m Hd
Fire Hydrants and Fire Extinguishers as Class requirements
Fixed Water Mist System Engine Room, Incinerator Room, Purifier Room
Fixed Co2 System Engine Room, E/G Room, Incinerator Room, Paint Store
3 x Fireman Outfits
1 x Fire blankets for Galley

LSA EQUIPMENT

4 x 100 men enclosed side launched Lifeboat
1 x Diesel Powered Rescue Boat for 6 persons
8 x 25 men Lift Rafts SOLAS approved
8 x Lifebuoys SOLAS approved
416 Lifejackets as per SOLAS requirement
1 x EPIRB SOLAS approved
1 x Line Throwing Apparatus
12 x Parachute Distress Signals
2 x Orange Smoke Signals

AUXILIARY EQUIPMENT

1 x Sewage Treatment Plant suitable for 200 men
2 x 60 t/d Freshwater Maker
2 x 31 m³/hr Ships Air Compressors
1 x Working Air Compressor 2.08 m³/min
2 x Oily Bilge Water Separator

