

## 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 NORTRANS 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/PROPULSION

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 <sup>2</sup>
Deck Strength	10 t/m <sup>2</sup> (Fr. 15 – Fr.50) 5 t/m <sup>2</sup> (Fr. 0-15 – Fr.50-80)
Fuel Oil	1367.6m <sup>3</sup>
Fresh Water	739.2m <sup>3</sup>
SW Ballast	4990.4m <sup>3</sup>
Mud/Brine	1234.6m <sup>3</sup>
Water Ballast/Drill Water	2259.2m <sup>3</sup>
Sewage Holding Tank	24.20m <sup>3</sup>
Lub Oil	58.60m <sup>3</sup>
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

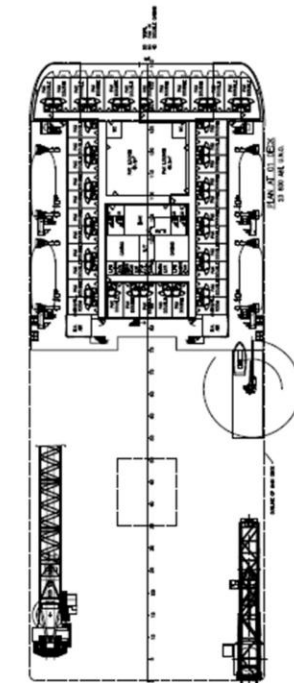
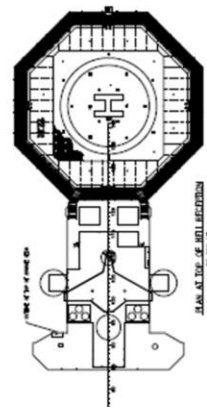
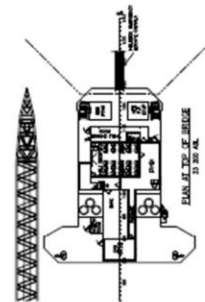
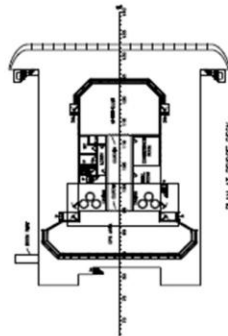
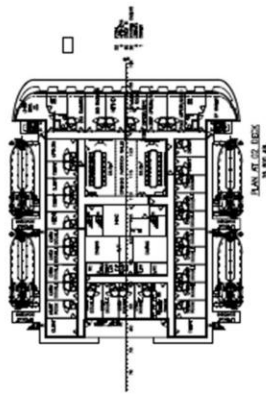
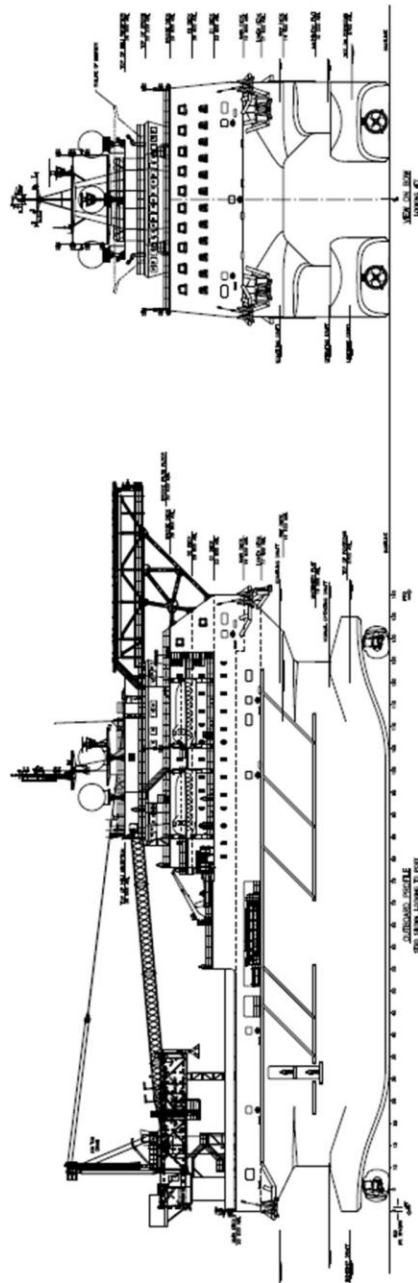
#### **LSA EQUIPMENT**

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 m<sup>3</sup>/hr Ships Air Compressors  
1 x Working Air Compressor 2.08 m<sup>3</sup>/min  
2 x Oily Bilge Water Separator

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