

84 M CSS ACCOMMODATION SUPPORT VESSEL



CSS ACCOMMODATION SUPPORT VESSEL, 84 M x 32 M, ABS, +DPS-3, UWILD, HELIDK, +AMS(E), 501 PAX ACC.

Manager *NORTRANS OFFSHORE II PTE LTD*
 Class/Notation *ABS, +A1, COLUMN-STABILIZED UNIT, ACCOMMODATION SERVICE, +DPS-3, UWILD, HELIDK, +AMS(E)*
 Vessel Name **TEMIS**

PRINCIPAL PARTICULARS

Length Overall	84.0 m
Beam Moulded	32.0 m
Depth to Main Deck	22.2 m
Operating Draft	8.9 m
Deep Operating Draft	12.5 m
Speed	10.5 knots
Type of Fuel	Marine Diesel Oil
Place of Build	China

MACHINERY/PROPULSION

Main Diesel Generators	6 x 2800 kw RR Bergen
Emergency Generators	1 x 910 kw
Thrusters	4 x 3000 kw 360 deg Azimuths Rolls Royce US 305FP/4100

DECK/AUXILIARY EQUIPMENTS & OTHERS

Anchors	3 x 5850 kgs HHP
Chain	68 mm U3 grade
Anchor/Mooring Windlass	2 x 20 tonnes @ 0-23 m min C/W Warping Heads
Stern Mooring Winches	2 x 20 tonnes @ 0-23 m min
Deck Crane	60 tonnes @ 25 m 20 tonnes @ 45 m 10 tonnes @ 50 m 3 tonnes certified for man riding
Aux. Crane (Offshore Kunckle jib)	10 tonnes @ 20 m 12 tonnes @ 18 m
Helideck	To suit Sikorsky S92 or S61-N or Super Complies with CAP 437
Gangway	Hydraulic Positioning, Length 36.5 m +/- 6 m

CAPACITIES

Deadweight @ 8.9 m	3300 tonnes
Deck Cargo Capacity	500 tonnes
Cargo Deck Free Area	640.0 m ²
Deck Strength	5 tonnes/m ²
Under Deck Hold	136.0 m ² 93.0 m ² with 5.1 m high balance 2.4 m high
Fuel Oil	1660.0 m ³
Fresh Water	1479.6 m ³
Water Ballast/Drill Water	7056.2 m ³
Sewage Holding Tank	107.8 m ³
Lub Oil	44.8 m ³
Freezer and Chiller	For a period of 30 Days

ACCOMMODATION

Passengers	1 x 1 man, 112 x 2 men, 69 x 3 men,
Crews	7 x 1 man, 31 x 2 men
Total	501 men
Conference Room	2 x 14 seats, 1 x 6 seats and 1 x 8 seats
Offices	8 for Client
Hospital	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
2 x MF/HF-DSC Radio Telephone
2 x VHF-DSC Radio Telephone
2 x VHF Radio Telephone
1 x SSC Transceiver 6 Channel DSC
1 x 96nm X-Band Radar 23" Display
1 x 96nm S Band 23" Display
9 x VHF Portable Radios
2 x AV VHF Portable Radios
3 x UHF Portable Radios
1 x Magnetic Compass
1 x Gyrocompass
1 x DGPS
1 x Autopilot
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
2 x PA/GA System
2 x Local Area network (LAN) connected
1 x TV and Radio System
1 x AIS
K-Pos DPS-3, with following reference systems:
3 x Gyro Compass,
3 x Wind Sensors – 3 x MRUs
2 x Radius, 2 x DGPS, 2 x ILLA, 1 x Cyscan, 1 x HIPAP 350

FIRE EXTINGUISHING SYSTEM

Fire Pumps 2 x 150 m³/hr @ 12.5 bar
Fire main piped throughout the Vessel supplied to Helideck with Foam System
Fire Hydrants and Fire Extinguishers as Class requirements
1 x Water Sprinkler System throughout Accommodation
CO2 Fire Extinguishing System in Pt and Stb Engine Rooms
Emergency Generator Room and Paint Locker
4 x Fireman Outfits
2 x Fire Blankets for Engine Room and Gallery

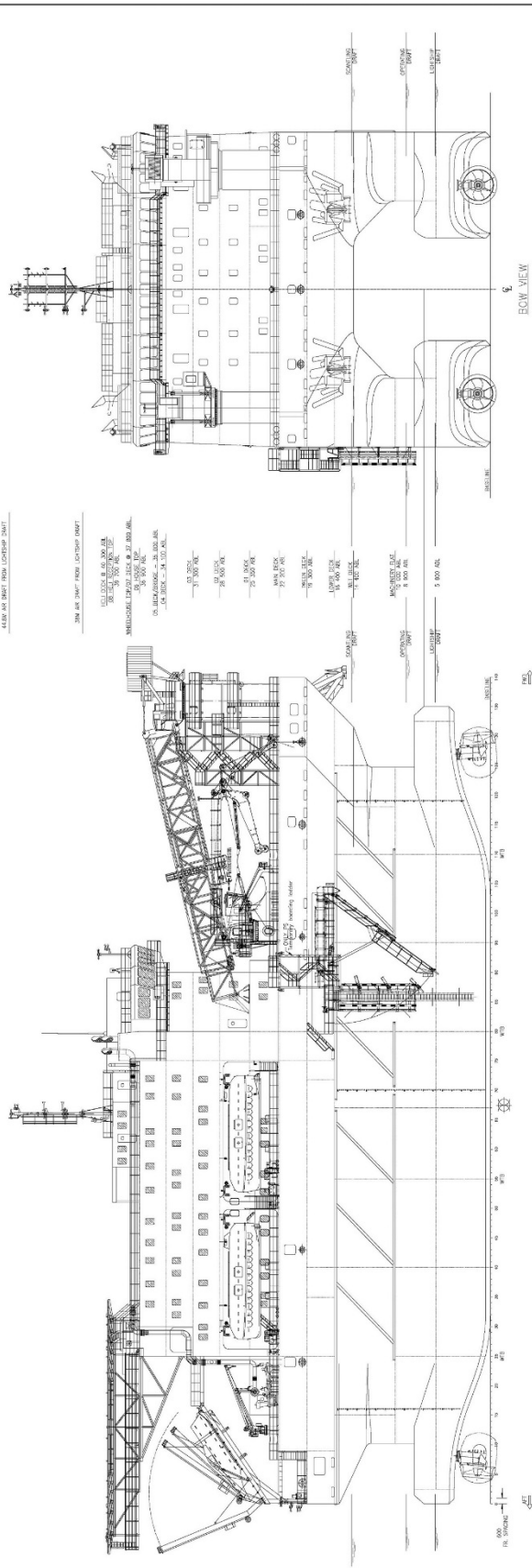
LSA EQUIPMENT

2 X 150 men Life Capsules Pt & Stb (4 in total)
3 x 67 men Life Free Fall Capsules on the Stern
2 x Diesel Powered Rescue Boat for 6 persons
12 x 25 men + 1 x 6 men Lift Rafts SOLAS approved each side
10 x Lifebuoys SOLAS approved
518 Lifejackets as per SOLAS requirement
2 x EPIRB SOLAS approved
1 x Line Throwing Apparatus
12 x Parachute Distress Signals
4 Embarkation Ladders 2 each side
1 x First Aid Kit
1 x Daylight Signaling Light
1 x Air Horn
1 x Diesel Powered Fast Rescue Boat for 12 persons

AUXILIARY EQUIPMENT

1 X Sewage Treatment Plant suitable for 500 men
Water Maker 3 x 75 tonnes/day
3 x 45 m³/hr + 1 x 30 m³/hr ships Air Compressor
2 x Working Air Compressor 2.08 m³/min
2 x Oily Bilge Water Separator

REFERENCES	
1	157-02-01-01
2	157-02-01-02
3	157-02-01-03
4	157-02-01-04
5	157-02-01-05
6	157-02-01-06
7	157-02-01-07
8	157-02-01-08
9	157-02-01-09
10	157-02-01-10



1	157-02-01-01	0
2	157-02-01-02	1
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4	157-02-01-04	3
5	157-02-01-05	4
6	157-02-01-06	5
7	157-02-01-07	6
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VARDA
a Fincantieri company

TEMIS
GENERAL ARRANGEMENT

157-02-01-01

AS BUILT DRAWING

1 OF 6

157-02-01-01

157-02-01-02

157-02-01-03

157-02-01-04

157-02-01-05

157-02-01-06

157-02-01-07

157-02-01-08

157-02-01-09

157-02-01-10

1. DRAWING TO REFLECT REFERENCE # LATEST REVISION.

2. FOR MORE DETAILS, REFER TO THE REFERENCED DRAWINGS.

3. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.

4. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.

5. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE SPECIFIED.

6. ALL DIMENSIONS ARE TO SURFACE UNLESS OTHERWISE SPECIFIED.

7. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE SPECIFIED.

8. ALL DIMENSIONS ARE TO SURFACE UNLESS OTHERWISE SPECIFIED.

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10. ALL DIMENSIONS ARE TO SURFACE UNLESS OTHERWISE SPECIFIED.

PRINCIPAL DIMENSIONS (mm)

LENGTH: 212.00

WIDTH: 27.20

HEIGHT: 14.40

AREA: 272.00

VOLUME: 14.40

WEIGHT: 14.40

PERFORMING ORGANIZATION: VARD

REPORT NUMBER: 157-02-01-01

DATE: 2018-12-15

ISSUE: 01

SCALE: 1:100

DRAWN BY: [Name]

CHECKED BY: [Name]

APPROVED BY: [Name]

PROJECT: TEMIS

CLIENT: [Name]

CONTRACT: [Name]

REVISIONS:

NO. 1: INITIAL DESIGN

NO. 2: AS BUILT