

84M CSS MAINTENANCE AND SAFETY UNIT



CSS MAINTENANCE AND SAFETY UNIT, 84 M x 32 M, ABS, +DPS-3, UWILD, HELIDK, +AMS(E), 501 PAX ACC.

Manager	NORTANS ACCOMMODATION 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 cert. 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 Stroke +/- 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 height 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 & 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 Galley

LSA EQUIPMENT

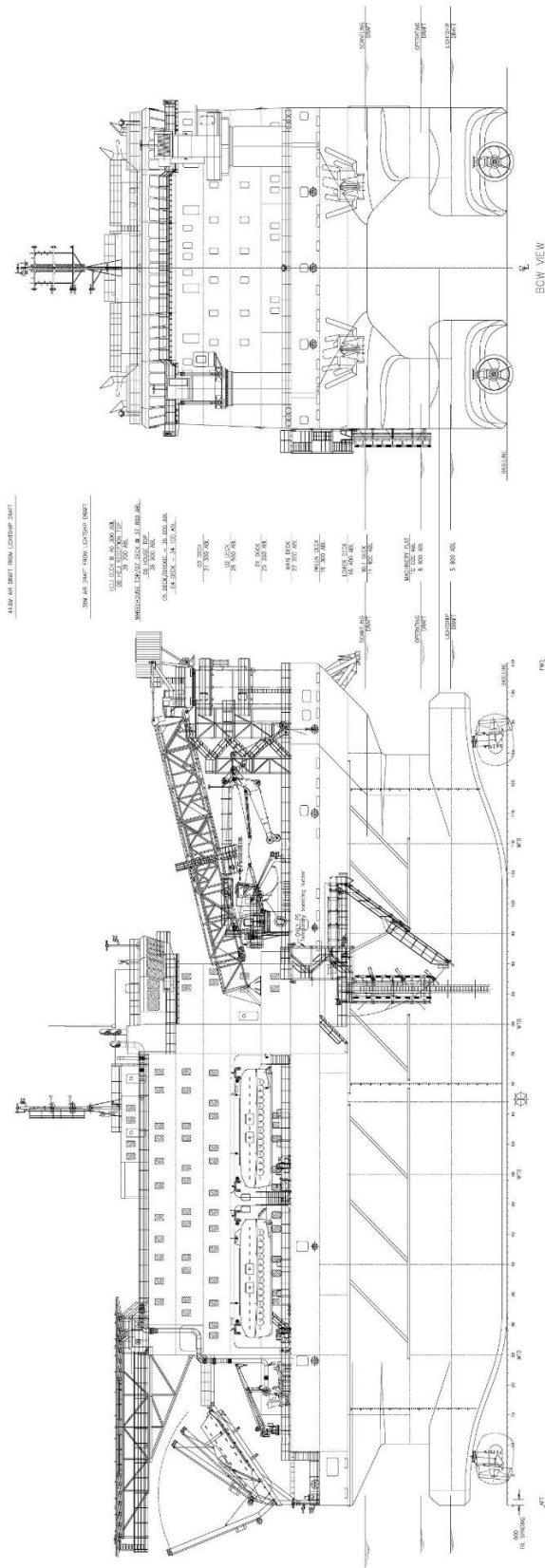
2 x 150 men Life Capsules Pt & Stb (4 in total)
 3 x 67 men Life Free Fall Capsules on the Stern
 2 x Diesel Powered Rescue Boat for 6 persons
 12 x 25 men + 1 x 6 men Lift Rafts SOLAS approved each side
 10 x Lifebuoys SOLAS approved
 518 Lifejackets as per SOLAS requirement
 2 x EPIRB SOLAS approved
 1 x Line Throwing Apparatus
 12 x Parachute Distress Signals
 4 x Embarkation Ladders 2 on 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 Makers 3 x 75 tonnes/day
 3 x 45 m³/hr + 1 x 30 m³/hr Ships Air Compressors
 2 x Working Air Compressor 2.08 m³/min
 2 x Oily Bilge Water Separator

MW610C-050-01

#	DRAWING #	DESCRIPTION
1	ARCADIA-300-300	ALL OFFERING TO ALL-AR-BUILT DRAWINGS RECORDED BY WARD
2	151-262-C-0	STABILITY REPORT
3	151-262-C-3	TRM AND STABILITY REPORT
4	151-275-C-0	RESERVED AND POWERING CALCULATIONS
5	151-275-C-3	LOCAL CALCULATION
6	151-275-C-0	TRMING CALCULATION
7	151-275-C-3	LINE TRM AND TRM PLAN
8	151-285-C-0	STANDARD PLAN
9	151-285-C-3	CUT/PAVEMENT ESTIMATE



1	POWER TO REFUSE REFERENCE BY LETTER REQUEST	DATE	25 JUN 1975
2	CONTRACT NUMBER	14-00000	
3	CONTRACTOR'S ADDRESS	NAME	NAVY
4		SYMBOL	1500
5		DATE	1965
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$$A1=841 \times 594=0.5 \text{ m}^2$$