



CLASSIFICATION

✱HULL ✱MACH

Offshore support vessel -heavycargo

(main deck fr.19-fr.63, 5 ton/m2; main deck aft to fr.19 and fr.63 -fr. 94, 7 ton/m2)

Unrestricted navigation

✱AUT-UMS, ✱DYNAPOS AM/AT R, SDS

Build Location:

Yantai Raffles

Flag State Authority:

Panama

Registry:

DNV-GL

Delivered:

September 2005

Callsign:

3FTE8

MMSI:

373909000

IMO Number

9329916



DIMENSIONS

Length Overall: 93.45m

Length Between Perpendiculars 81.50m

Breadth Moulded: 22.00m

DWT Draft: 6.52m

Deadweight: 4,337t @6.52m

Gross Tonnage: 5,448t

Net Tonnage: 2,069t

VESSEL CAPABILITIES

Deck Cargo

Deck Cargo Area: 1075m²

Bulk Cargo Capacities

(85% of Total Capacities)

Ballast: 2510m³

Fuel Oil: 1165m³

Pot Water: 1049m³

Mud: 450m³

Brine / Base Oil: 224/197m³

Dry Bulk: 335m³

Methanol: 190m³

MEG/TEG: 19m³

PROPULSION AND POWER

Fuel: MGO

Main Engines: 2 x MAK 8M25, 2320kW / 720rpm

2 x MAK 6M25, 1800kW / 720rpm

Emergency Generator: 1 x 328kW / 1800rpm

Main Propulsion: 2 x Azimuthing Contra-Rotating Propellers

Bow Thrusters: 2 x Tunnel Thrusters, 1 x Azimuth

Service Speed: 13 Knots @ 140RPM

Fuel Consumption: 10m³/day

STATION KEEPING

DP System: (DP and joystick)

Position References: Converteam DP

Converteam IJS 2 x DGPS / DGNSS; Radascan (Radar)Cyscan (Optical)

3 x Anemometers

3 x Motion Reference Sensor

BRIDGE EQUIPMENT

('Furuno' Integrated Bridge)

Radar: 1x`Furuno` S-BAND RADAR

1x`Furuno` X-BAND RADAR

2 x Lilley & Gillie MK2000

3 x Simrad GC85

Echo Sounder: 1 x Skipper GDS101 'Furuno'

Communications: GMDSS

Cargo Pump Capacities

Ballast 150m³/h

Fuel Oil: 200m³/h

Pot Water: 200m³/h

Mud: 75m³/h

Brine / Base Oil: 100m³/h

Methanol: 75m³/h

Monoethylene Glycol: 75m³/h

ACCOMODATION

Cabins: 10 single cabins

18 double cabins

Social Rooms: Dining Room

TV Room

Duty Mess

Gymnasium

Smoking Room

The vessel is designed to fulfil the following duties:

- Supply and transport of equipment between offshore platforms and installations (such as brine, cargo containers, cement, drill water, fresh water, fuel oil, liquid mud, methanol, pipes etc)

CONTROL AND NAUTICAL EQUIPMENT

DP system DP II
Thr. control R-R
AIS 1 of

Radar Equipment

1 of 3 GHz ARPA
1 of 9 GHz ARPA

Chart System:

Telechart Ecdis 1 of

Compass System:

Gyrocompass 3 of
Magnetic compass 1 of
Autopilot 1 of
Nav. echosounder 1 of
Speed log 1 of
Radio Plant: Acc. to class
VHF/DSC 1 of
VHF 1 of
Inmarsat C 1 of
Iridium 1 of
Automatic ident. system 1 of
Beacon equipm. acc to class

DECK EQUIPMENT

Cranes: 2 x Knuckle Boom (SWL 3t x 12m)
Anchors: 2 x 4.13t SPEK Anchors
Mooring Winch: 2 x Rope/Wire Winches
Mooring Capstan: 2 x Capstan Aft
Tugger Winches: 2x10t

ANTI-ROLLING SYSTEM

A passive flume anti-roll system
2 of roll reduction tank

LIFE SAVING EQUIPMENT

Liferafts: 6 for 150 pers.
Survival suits: 70
2 Fast Rescue Boats
SOLAS for 50 pers.

CARGO-TANK CAPACITIES/PUMPS

Diesel fuel (ship) 440m³
Fuel oil (cargo) 1,100m³
Potable water (ship) 220m³
Potable water (cargo) 1,000m³
Water ballast 2,900m³
Liquid muds/brines 1000m³
Special products 220m³
Meg 50m³
Teg 50m³
Base oil (in cargo fuel tanks) 200m³
Dry bulks 392m³
Slop tanks 20m³

PUMPING CAPACITIES

Fuel 200m³/hr
Pot water 200m³/hr
Brine 100m³/hr
Mud 75m³/hr
Methanol 75m³/hr

TANK CLEANING SYSTEM

A total of 6 cleaning machines fixed in 6 mud tanks/brine tanks and 1 slop tank

FLOW METERS

Flow meter for fuel oil with printer.

FAST RESCUE BOAT

2 of Springer MP 741

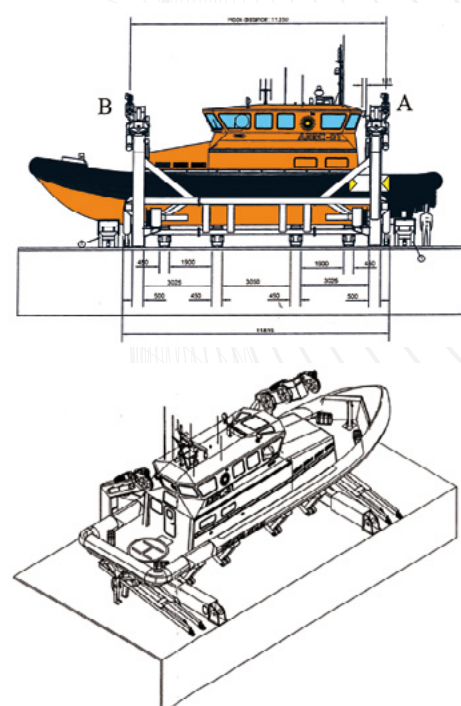
LOADING COMPUTER

Kockums Sonics Loadmaster

CONSUMPTION

Economic transit, app. 10t/day
DP operations 2-4t/day
Port, approx. 2t/day

ARRC (Optional)



SPECIALIST EQUIPMENT

(Optional) 2 of Delta ARRC rescue craft crew of 6 with autonomy of 200 Nm, capacity for 21 survivors

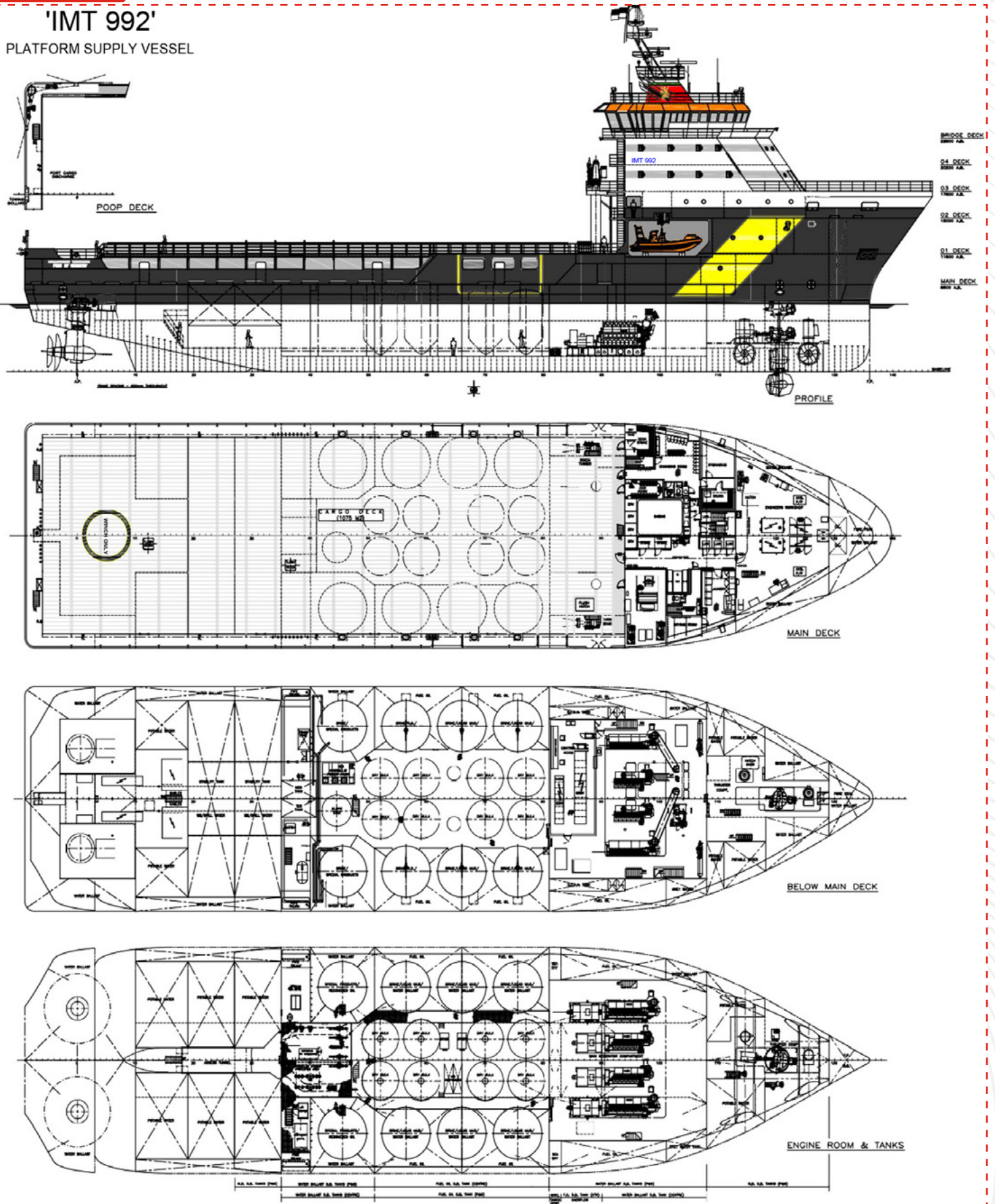
(Optional) 2 of HNT-32000 Vestdavit duel winch c/w independent self-tensioning and automatic self-levelling systems

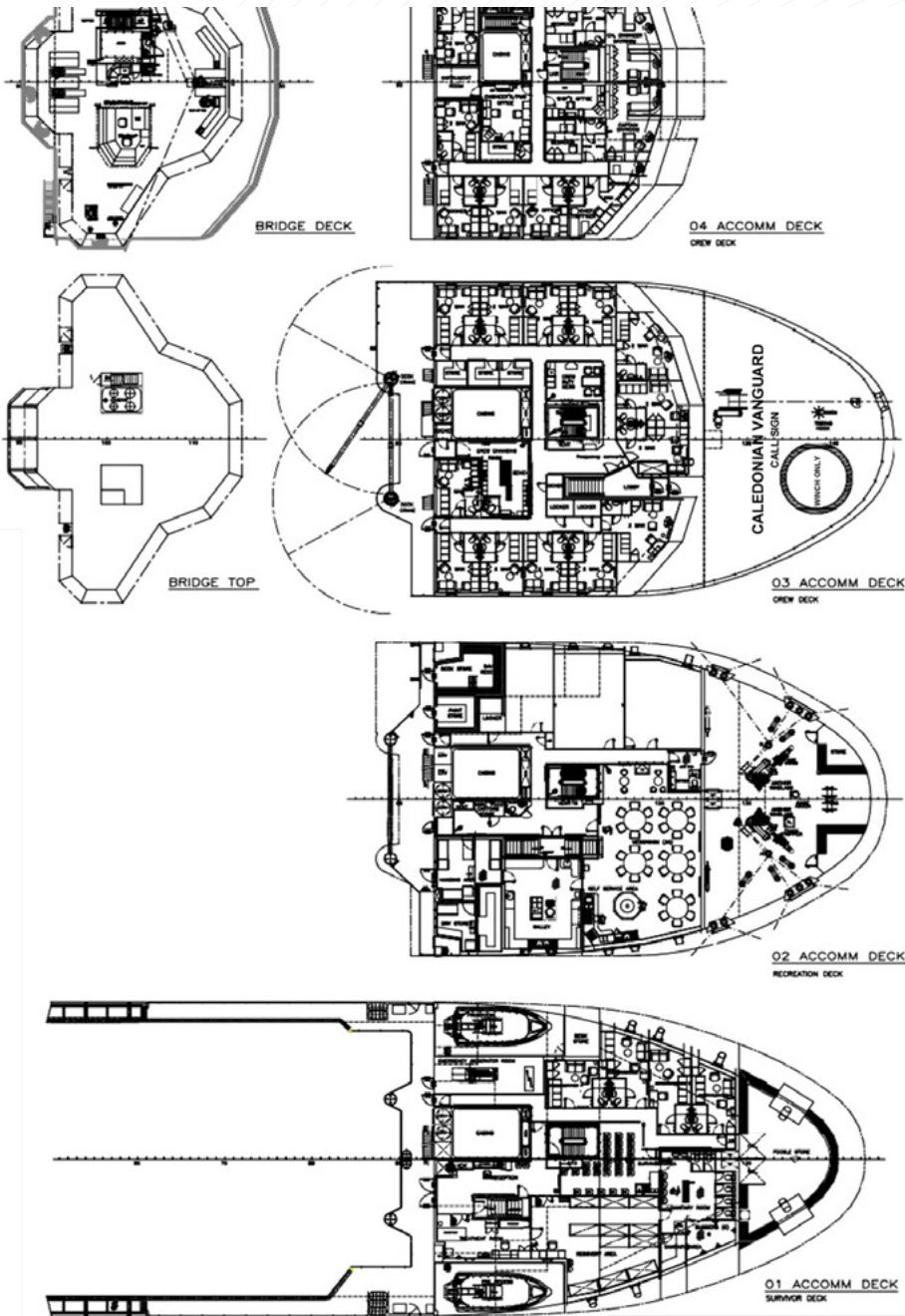
HOSPITAL

1 hospital (+ 1 onboard each ARRC) stocked to ERRV, Category 'B', and ARRC scales

'IMT 992'

PLATFORM SUPPLY VESSEL





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