

TYRION LANNISTER

Specification File



PLATFORM SUPPLY VESSEL (PSV)

TYRION LANNISTER is a state-of-the-art platform supply vessel that utilized for supporting offshore activities.

- 50 Pax Accommodation
- 600m³ Deck Space
- 5T/m² Deck Strength
- DP2 Platform Supply Vessel (70m)

CONTACT

E-mail address

info@ejovigroup.com

mvtyrionlannister@ejovigroup.com

MV TYRION LANNISTER

VESSEL MAIN PARTICULARS

Vessel Name	MV TYRION LANNISTER
Manager	Ejovi Dredging And Marine Services Limited
Owner	Ejovi Dredging And Marine Services Limited
Vessel design	NGV TECH SDN BHD
Type	Platform Supply Vessel (PSV)
Class definition	ABS+ A1(E) Offshore Support Vessel, Fire fighting Class 1, +AMS, DPS-2
Vessel built	2009
Port of Registry	Nigeria
Flag State	Nigeria
IMO Number	9541239
Call Sign	5NGX7

ACCOMMODATION

Total number of berth cabin	50
1 man cabins	8 Berth Cabins
2 man cabins	14 Berth Cabins
4 man cabins	24 Berth cabins

PRINCIPAL DIMENSIONS

LOA	70M
Breadth Moulded	16.60m
Depth Moulded	6.8m
Maximum Draft	4.50m
Clear Deck Area	600m²
Deck Cargo	1500T
Deck Strength	5T/m² uniform loading
Gross Tonnage	2428T
Net Tonnage	732T

PROPULSION

Main Engine	Niigata Marine 6L26HX
Propeller	2X2000HP @ 750RPM
Drive type Shaft	Shaft Diesel
Fuel Type MGO/HFO	MGO

THRUSTERS

Bow Thrusters	2X500BHP Nakashima TCT-120
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GENERATORS

Bow thrusters	2X500BHP Nakashima TCT-120
Shaft generators make	Volvo Penta
Shaft Generator Capacity	4X470kw
EM generators Make	Volvo Penta
EM generators capacity	1X99kW

MV TYRION LANNISTER

PRINCIPAL DIMENSION

Service Speed	12 Knots
Full Speed	13 knots
On DP (under average conditions)	
Electricity Supply	220v

CARGO DECK

Deck space	643m³
Deck Cargo	1200T
Deck Strength	5.5 T/m²

CAPACITIES

Fuel Oil	1120m³
Fresh Water	350m³
Ballast/Drill Water	695m³
Liquid Mud	501m³
Cement Tank	232m³
Base Oil/Brine	155m³/158m³
Foam/Detergent	10m³/11m³

NAVIGATION AND COMMUNICATION EQUIPMENT

Inmarsat - C	1XFuruno Felcom -15
VHF Radio	2XFuruno FM-8800S
NAVTEX Rec	McMurdo, NAV-7
SAT/COM	KVH Fleet 55
EPIRB	2XMcMurdo E5
GMDSS Radios	FURUNO FS-2570
Radar	2XFuruno FAR2117 & FAR2137
Echo Sounder	1XFuruno FE-700
GPS	2XFuruno RD 30
Gyrocompass	2XSimrad, Mod GC80/TG8000
Auto pilot	Simrad AP50
Magnetic Compass	SAURA MR-150
Speed Log	Furuno DS-80
Wind Indicator	RM Young 05103-58
AIS	Furuno FA-150
CCTV	2X side nav. cameras for maneuvering
PA Talkback System & Self Powered Tel	

FIRE FIGHTING & ANTI-POLLUTION EQUIPMENT

External:

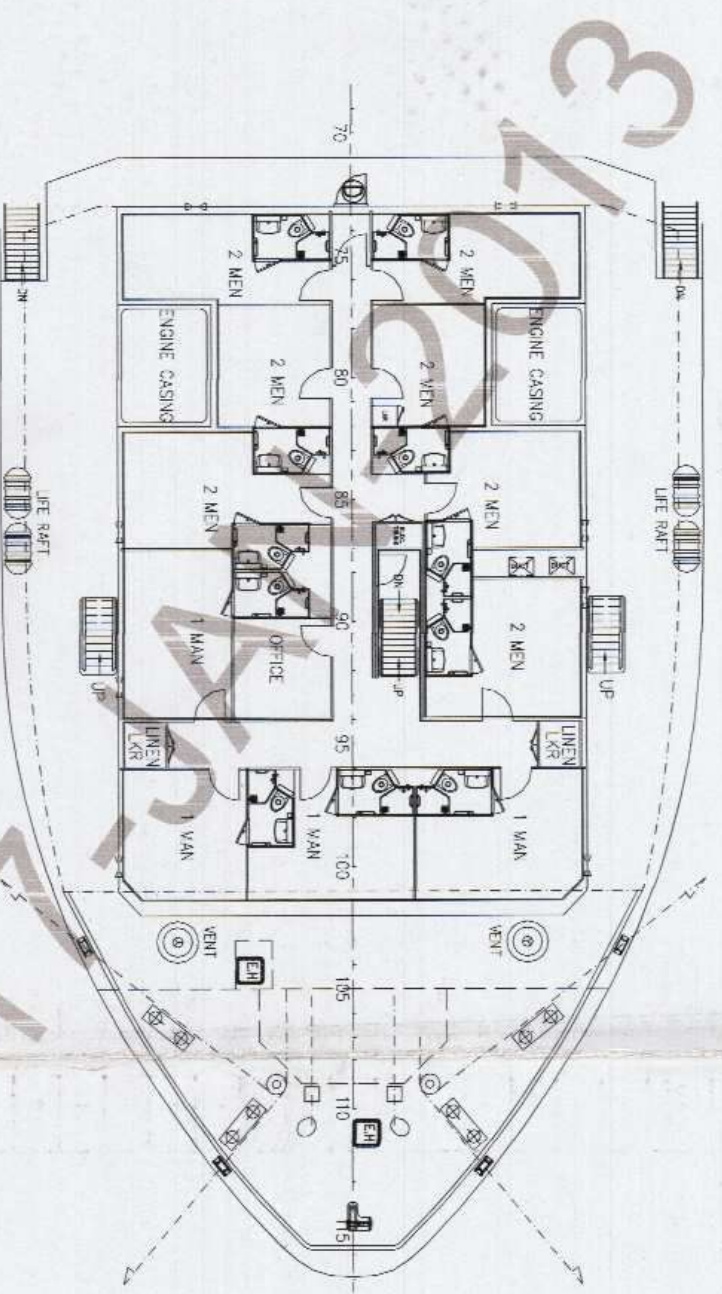
FIFI System	Class 1 with water curtain all round
Fire pump	2X1500m3/hr @12 Bar
Monitors	Water/Foam 2 X fire monitors
Oil Dispersant System	2X Cluster nozzles or overhang boom

Internal:

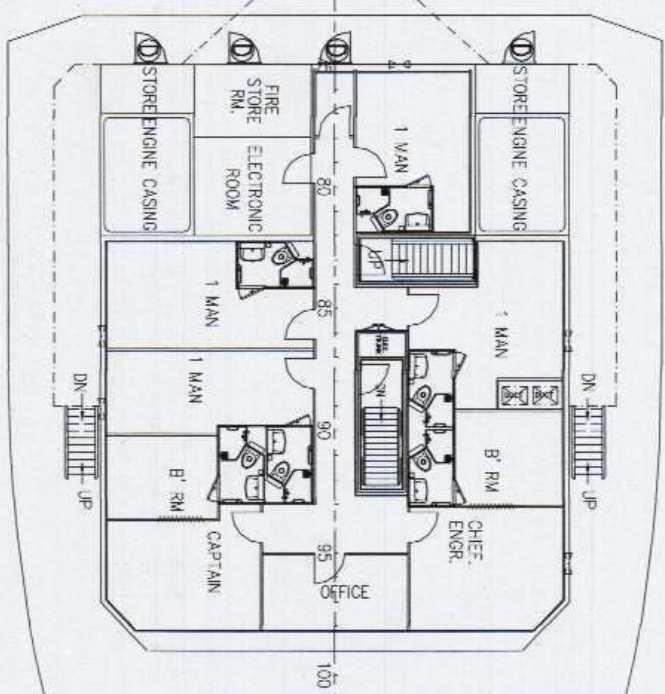
Emergency Fire Pump	1X35m³/hr @65 head
BA Recharging Comp	1x75 ltrs/min @ 200 Bar
- Co2 System in the Engine Room / Fire Detection & Alarm in Living Spaces And Engine Room	

MISCELLANEOUS

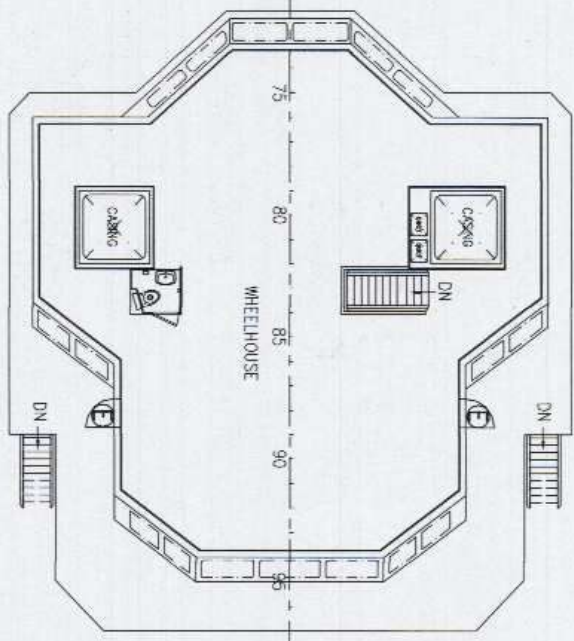
Life Rafts	6X25 persons
Rescue Boat	1X6c/w Outboard Engine
Oily Water Separator	1X1.00m³/hr, Ocean CleanWater/Foam 2 X fire monitors
Water Maker	2X10T/day, Sea recovery corporation
Sewage Treatment Plant	1X50 men/day



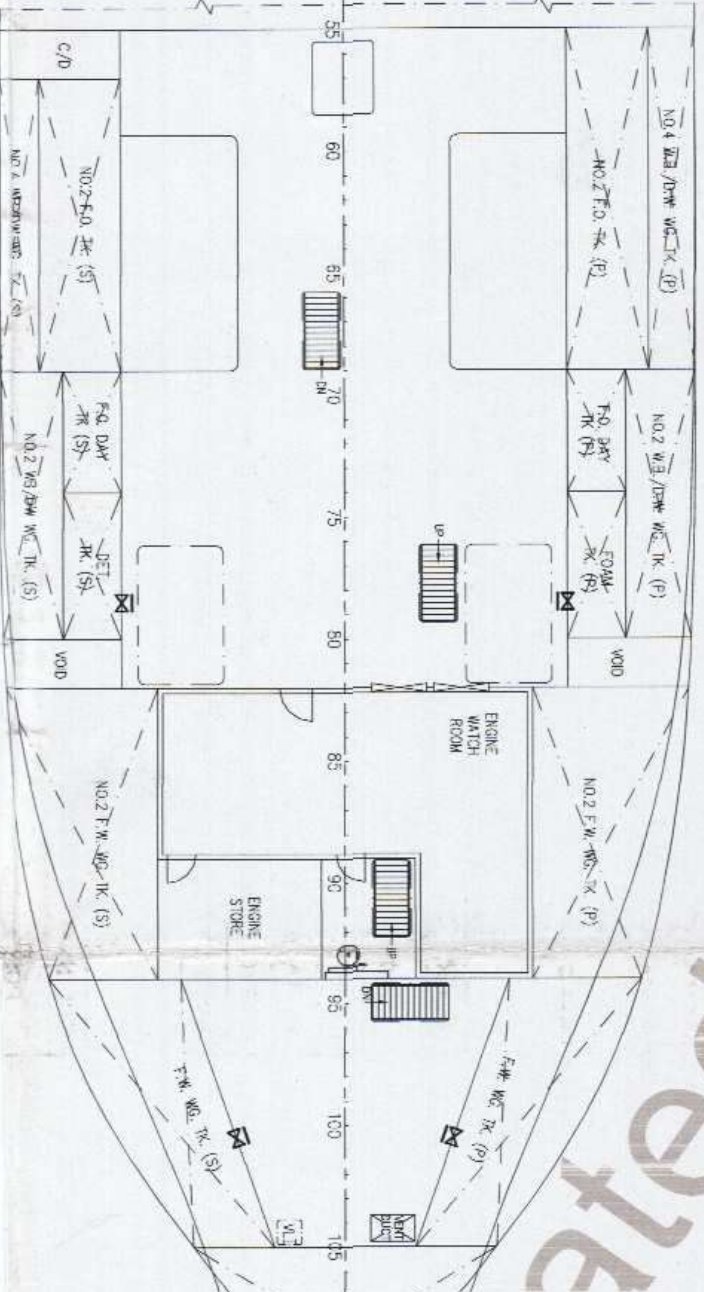
UPPER FORECASTLE DECK PLAN



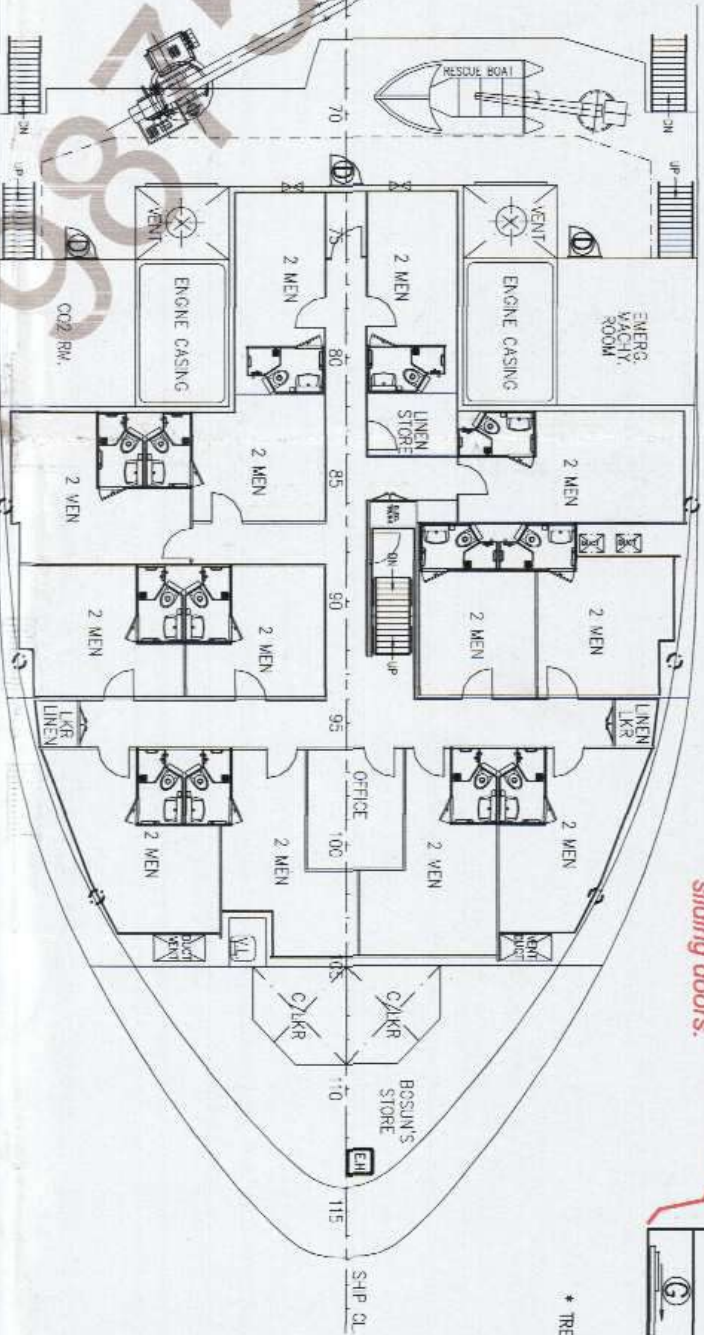
OFFICER DECK



NAV. BRIDGE DECK



TWEEN DECK PLAN



FORECASTLE DECK PLAN

Power operated watertight sliding doors.

* TREATED AS NON-WATERTIGHT IN DAMAGE STABILITY CALCULATION.

WATERTIGHT/WEATHERTIGHT DOOR				MANHOLE	
SYMBOL	WALL CUT SIZE	QTY.	DOOR TYPE	POSITIONS	DECK CUT SIZE
A	1000 x 1400	1	WTD	MAIN DECK - HOSPITAL	400 x 600
		1	WTD	MAIN DECK - PASSAGEWAY	400 x 600
B	900 x 1400	1	WTD	MAIN DECK - DECK STORE	400 x 600
		1	WTD	MAIN DECK - PAINT STORE	400 x 600
C	900 x 1850	1	WTD	MAIN DECK - FREEZER	400 x 600
		1	WTD	MAIN DECK - ENGINE RM. PASSAGEWAY	400 x 600
D	900 x 1700	1	WTD	BELOW DECK - HATCHER COMP. V.L. TRUNK	400 x 600
		1	WTD	BELOW DECK - CO2 ROOM	400 x 600
E	900 x 1675	1	WTD	FILE DECK - EMERGENCY MACHINERY ROOM	400 x 600
		1	WTD	FILE DECK - PASSAGEWAY	400 x 600
F	900 x 1850	1	WTD	UPPER FILE DECK - PASSAGEWAY	400 x 600
		1	WTD	UPPER FILE DECK - PASSAGEWAY	400 x 600
G	900 x 1600	1	WTD	BELOW DECK - HATCHER COMP.	400 x 600
		1	WTD	BELOW DECK - HATCHER COMP.	400 x 600

POSITIONS	DECK CUT SIZE	QTY.
STEERING DECK COMP.	600 x 600	1
V.L. TRUNK (BOW HATCHER COMP.)	600 x 600	1
UPPER FORECASTLE DECK	600 x 600	1
BOWMAN'S STORE	600 x 600	1

SIDE SCUTLE	OPENING	QTY.
MAIN DECK	4300	7
FORECASTLE DECK	4300	6



Design Assessment Action has been extended to cover.
Fujian Southeast Shipyard, hull: DWT5W-11/12
According to extension of approval letter
Refer STS/987531 dated 17 January 2013



REVIEWED as indicated in ABS letter

NOTES:-

- ALL THE HINGED WATERTIGHT DOORS BELOW MAIN DECK TO BE FITTED MODIFICATIONS ON THE BRIDGE AND ARE NOT TO BE PROVIDED IN THE HATCHER COMP. AT SEA.
- OTHER WATERTIGHT DOORS AND CLOSING APPLIANCES AS WHICH IS TO BE ATTACHED TO EACH SUCH CLOSING APPLIANCE TO THE EFFECT THAT IT IS TO BE KEPT CLOSED.
- WATERTIGHTNESS TO BE SATISFACTORY TO THE SUPERVISOR.
- THE W.T. DOORS WITH ONE WAY OPEN ARROW ARE COMPLETED WITH GPS.

WATERTIGHTNESS TO BE SATISFACTORY TO THE SUPERVISOR - AS SHOWN BY ABS

WEATHERTIGHTNESS TO BE SATISFACTORY TO THE SUPERVISOR - AS SHOWN BY ABS

ENGINE ROOM ACCESS TRUNK REQUIRED.

UPGRADE AS NEW CL. & HATCHED AS PER YARD'S COMMENTS.

DETAILS OF MODIFICATION

CONSTANT

ARRANGEMENT PLAN

(W.T. DOOR, HATCH, MANHOLE & SIDE SCUTLE)

CLASS/CLAS

DESIGN

1:125

27-05-10

KHIAN CHUAN MARINE PTE LTD
115, HILLVIEW TERRACE, SINGAPORE 659226
TEL: 67753183 (6 LINES) FAX: 67753788
E-MAIL: khianchuan@kcm.com.sg

75m PLATFORM SUPPLY VESSEL

PROJECT

DATE

BY

CHKD

REV