



HYDRODAM NIGERIA LIMITED

RC443986

TOTAL MARINE LOGISTICS, CONSTRUCTION, LAND RECLAMATION, DREDGING, ENGINEERING & CONSULTANCY.

10 BORI ROAD, RUMUIBEKWE ESTATE, PORT HARCOURT, RIVERS STATE.

TEL: 08033366149

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Website: www.hydrodamgroup.com



MV HYDRO 1

VESSEL PARTICULARS:

Vessel:	Crew/Surveillance Patrol
Vessel Classification:	ABS+A1HSC+AMS
Official No:	SR1929
Call Sign:	5NWF2
Safety Regulation:	ABS and Flag state requirements
Regs, Codes, Guidelines:	(MARPOL, SOLAS, ISM, ISPS, IMDG)
Flag State:	Lagos, Nigeria
Port of Registry:	Lagos, Nigeria
Builder:	Penguin Shipyard International Pte Ltd
Country Built:	Singapore.
Year Built:	2008

HULL PARTICULARS:

Length overall:	36.00m
Beam:	7.60m
Moulded Depth:	3.65m
Loaded Draft (approx.):	1.88m



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CARGO DECK:

Clear Deck Space: 80m²
Deck Cargo Capacity: 40MT
Deck Strength: 2.0MT/m²
Deck Dimensions: 13.x56m.9m
Cargo Rating Height: 1.0m

Remarks:

Adequate cargo retainers and lashing lugs on both sides; for securing deck cargo



TONNAGE:

GRT: 236MT
NRT: 71MT
Deadweight (approx.): 110MT



MACHINERY:

Number of Main: 3 units with flexible mountings
Make/Type: Cummins KTA38 M2
Total BHP: 3 x 1,350 BHP @ 1900rpm
Propellers: 3 x fixed pitch, nickel alum bronze, 5 blades
Bow thrusters: 1 unit electro-hydraulic @ 100HP
Remote CCTV System for Engine room: Fitted

PERFORMANCE:

Max. Speed: 27 knots @ 100% MCR @ 31.5MT DWT
Max. Fuel Consumption: 770L/hr.
Economical Speed: 20knots @ 65% MCR @ 30.0 MT DWT Economical
Fuel Consumption: 650L/hr.
Cruising Speed: 25knot @ 85% MCR @ 31.0 MT DWT

GENERATING SETS (Auxiliaries):

Prime Movers: 2 x 122 BHP @ 1500rpm
Make/Type: 2 x Cummins 6BT5.9-DM1
Generators: 2 x Alternator Stamford IJCM274G 80 Kw
Vessel Power Supply: 415/220VoltsAC, 50Hz, 3ph + 24volts DC
Shore Connection/Food
Container Socket: Yes

ACCOMMODATION:

Passenger Capacity: 38 passenger day-seating
Cabins/Bunks (Crew): 4 cabins, 8 beds
Surveillance officers' room: 4, 4, 2 = 10



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Total: 18 total accommodation
 Mess: Seating for 8 crew
 Entertainment System: 3 units of LCD TV Screens/DSTV
 Public Address System: Fitted

ELECTRONICS AND CONTROLS:

GMDSS: Sailor 5000 A1 + A2
 VHF: Sailor 5022
 SSB RADIO (Non-GMDSS): Icom IC-M710
 Satellite Telephone/Fax: Marintime F33
 Marine Radar: SimRAD NX40X2, 64NM
 GPS: Furano GP 32
 Depth/Echo Sounder: Lowrence HDS 5X
 Gyro Compass: SimRAD RGC 50
 Magnetic Compass: Ravira 6”
 Navtex: Samyung SNX 300
 Public address/Intercom System: Deck Talk
 Search Lights: San Shin x3, 1000W
 EPIRB: McMurdo E5
 AIS: McMurdo S4



TANK CAPACITIES:

Fuel Oil: 60,000L
 Fresh Water: 25,000L

OIL POLLUTION TANK CAPACITY & CONTROL:

Dirty Oil Tank: 0.8m²
 Dispersant: 0.2m²
 IMO Approved Sewage Treatment Plant: fitted for 15 pax

LIFE SAVING (SOLAS) EQUIPMENT:

Life Raft: 3 x 25man and 1 x 10man each side SOLAS
 Life Jackets: 85
 Life Buoys: 8 on board as per SOLAS
 Rescue Zone: Yes
 Scrambling Nets: 2 units
 Other Equipment: Pyrotechnics, line-throwing apparatus

EMERGENCY RESPONSE FEATURES:

Ext. Firefighting monitor with remote clutch and 600m³ fire pump
 Oil Dispersant Booms: Yes
 Dispersant with Spray Boom: Yes
 Motorized Workboat and Davit: Fitted

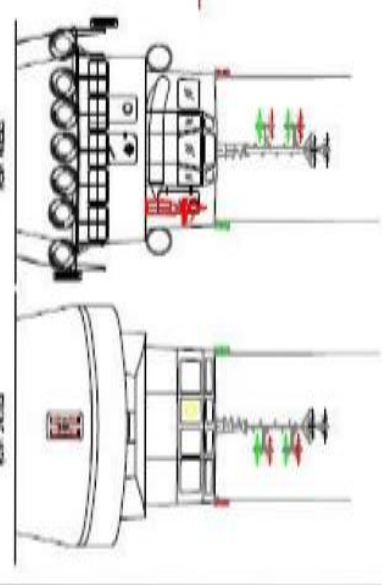
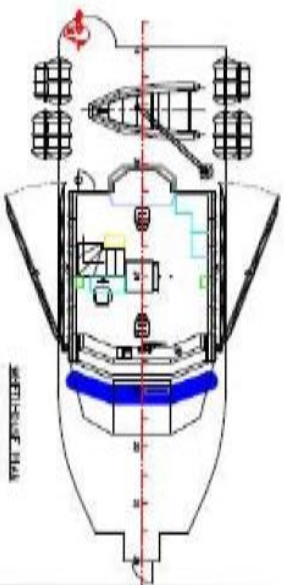
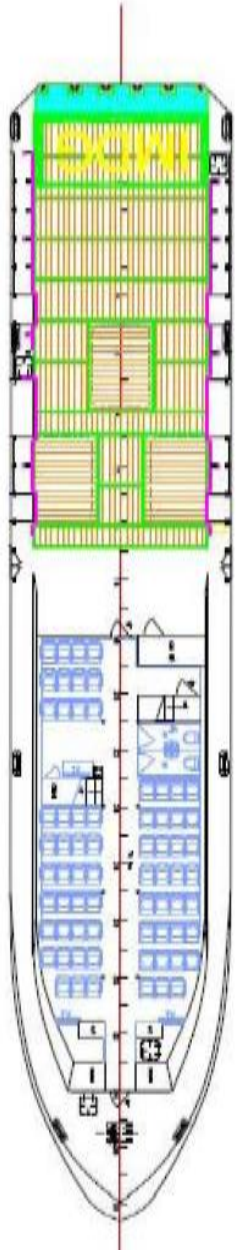
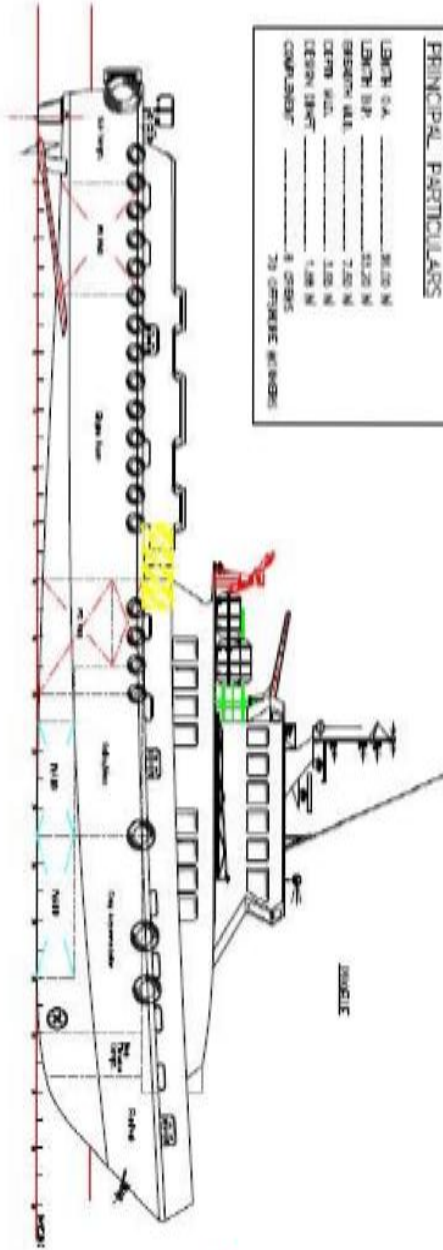
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PRINCIPAL PARTICULARS

LENGTH O/A	81.00 M
LENGTH B/P	81.00 M
BREADTH A/B	7.50 M
DEPTH M/D	1.80 M
DEPTH D/B/T	1.80 M
CAPACITY	5 DECK

75 OFFICERS & CREW



SHIP NO.	SHIP-NO.	CLASS	SHIP	STATUS
SHIP NAME	SHIP NAME (ENGLISH)			
GENERAL PARTICULARS				
TYPE				
YEAR BUILT				
DESIGNED BY	SHIP CHANGING	CLASS	SHIP	
SHIP NO.	SHIP	CLASS	SHIP	
SHIP NO. (ENGLISH)	SHIP	CLASS	SHIP	
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