



FAST CREW SUPPLIER 5009

MV ELAYNE

L.A.T.C
MARINE

GENERAL

Yardnumber	547240
Hull material	Steel
Superstructure	Aluminium
Basic functions	Crew and cargo duties
Classification	I * Hull •MACH Crew Boat Sea Area 4 Fire-fighting ship 1, water spray DYNAPOS AM
Owner	L.A.T.C. Marine Ltd.
Delivery date	January 2019
Flag	Nigeria

DIMENSIONS

Length overall	53.2 m	174' 7"
Beam overall	10.1 m	33' 1"
Depth at sides	4.7 m	15' 5"
Draught max	3.5 m	10' 5"

TANK CAPACITIES

Fuel oil	169.8 m ³	44 870 USG
Fresh water	28.6 m ³	7555 USG
Fresh water cargo	132.6 m ³	35 029 USG
Bilge water	1.5 m ³	396 USG
Sewage	1.0 m ³	277 USG
Foam	30.8 m ³	8136 USG
Dispersant	9.5 m ³	2510 USG
Cargo deck area	250 m ²	2691 sqft
Aft deck cargo max.	250 t	
Deadweight max.	325 t	
Crew	14 persons	
(Industrial) personnel	65 persons seated	

PERFORMANCES (TRIALS)

Speed	27.0 kn	1070 l/hr
Economic speed	10.0 kn	180 l/hr
Service speed	22.0 kn	900 l/hr
Maximum speed	27.0 kn	1070 l/hr

PROPULSION SYSTEM

Main engines	4x Caterpillar 3512C TA
Total Power	4472 bkW (6000 bhp) @ 1600 – 1800
Gearboxes	4x ZWVS 730/1
Propulsion	4x fixed pitch propellers
Bow thruster	2x 75 kW, electrically driven

ELECTRICAL EQUIPMENT

Network	24V d.c. 240V/415V 60 Hz a.c.
Generator sets	3x 99.0 kW-123.0 kVA
Reefer sockets	4x, 32A

DECK LAY-OUT

Anchor equipment	1x 184 kg VHHP with steel cable
Aft deck	Wood covering of the aft deck
Fast rescue davit	Palfinger PRHE 35
Fast rescue craft	Palfinger FRSQ 700

FIRE FIGHTING

Firefighting internal	Fixed fire fighting in engine room (Novec 1230)
Firefighting external	2x fire pump, 1360 m ³ /hr 2x remote operated Fi-Fi monitor, 1200 m ³ /hr

LIFE SAVING EQUIPMENT

Life buoys	8
Life jackets	79
Life rafts	5x, with a combined capacity of at least 79 persons

SHIP SYSTEMS

General service pump	2x electrically driven
Bilge water separator	1x 0.5 m ³ /hr
Fuel separator	1x non-self-cleaning, 1x self cleaning
Engine room ventilation	72.000 m ³ /hr
Sewage treatment plant	1x
Cargo pump (F.W. + Fuel)	70 m ³ /hr at 6.3 bar
Oil spill equipment	Dispersant pump and booms

ACCOMMODATION

Below main deck	Crew cabins for up to 12 persons, pantry and mess room, store and sanitary spaces
Main deck	Crew cabins for 4 persons, industrial personnel area and sanitary spaces
Air-conditioning	Air conditioning in wheelhouse and accommodation

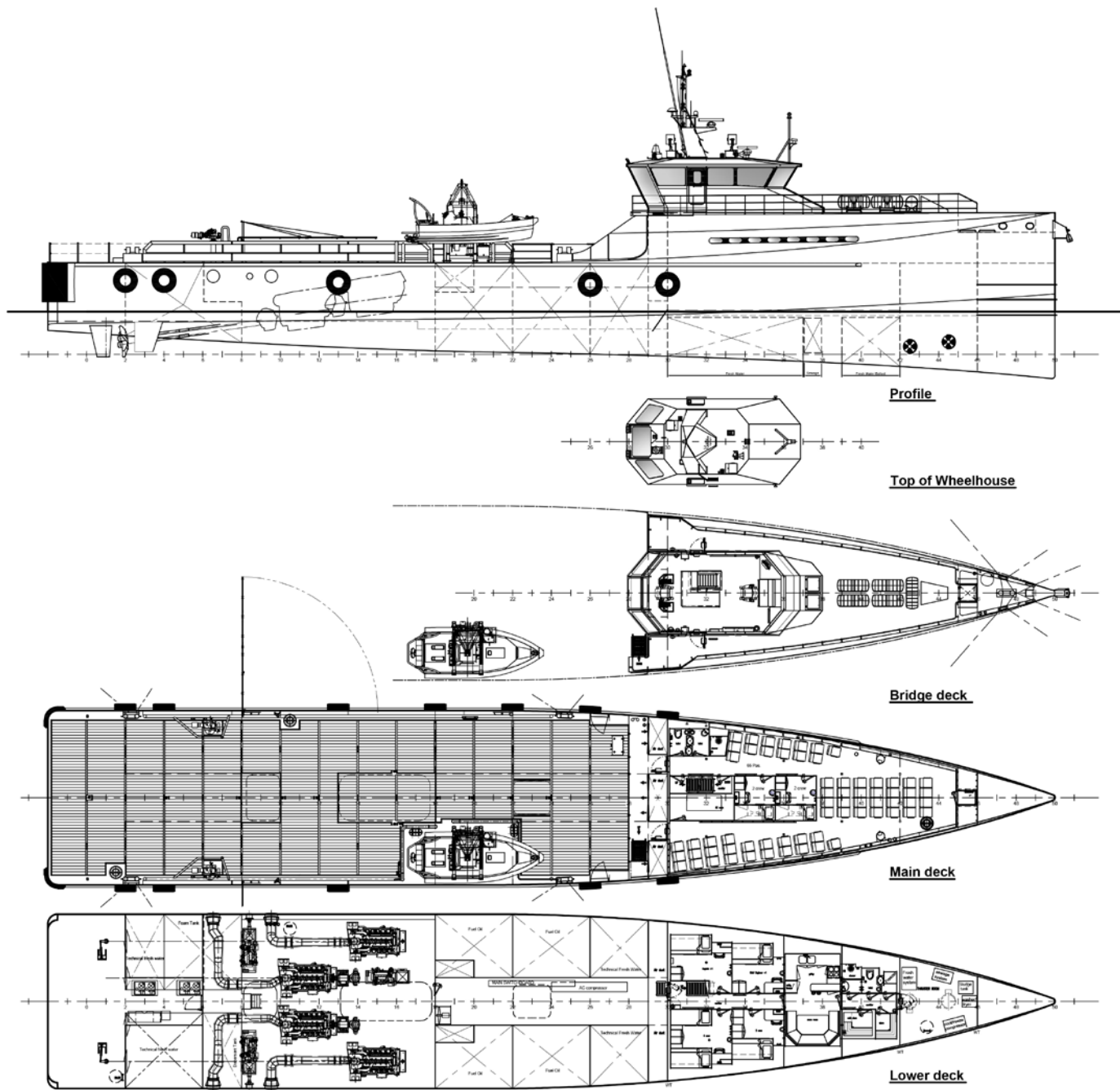
NAUTICAL AND COMMUNICATION EQUIPMENT

Searchlight	2x 1000W MP Pesch
Radars	2x JRC JMA 5212-4 MK2
DGPS	1x JRC JLR 7800, 2x CNAV 3050
Echo sounder	1x Alphantron Alphadepth
Night vision camera	1x Flir Voyager II
Navtex	1x JRC NCR-333
AIS	1x JRC JHS 183
CCTV	4x camera, monitor in wheelhouse
Radio communication	GMDSS A3
Satellite communication	Fleet broadband 250
Autopilot	Alphantron Seapilot MFC
Gyro compass	2x Alphantron Alphaminicourse
Dynamic positioning- DP1	Alphantron / Navis (Dynapos AM)

DAMEN

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