



Name	ELAYNE
Port of Registry	Kingstown
Flag	Sint Vincent and the Grenadines
Vessel Type	Fast Support Intervention Vessel
Year of Build	2019
Class	Bureau Veritas
Owner	Operator: Emar Offshore Services B.V.

MAIN DIMENSIONS

Lenght overall	53.20 m
Beam overall	10.10 m
Depth at sides	4.70 m
Draught Max	3.50 m
Gross tonnage	454 T

PROPULSION SYSTEM

Main Engines	4x Caterpillar 3512C TA
Total Power	4472 bkW (6000 bhp)
Gearboxes	4x ZWVS 730/1
Propulsion	4x fixed pitch propellor
Bow Thruster	2x 75 kW, electrically driven

DECK EQUIPMENT

Anchor Equipment	1x 184 kg VHHP with steel calble
Aft Deck	Wood covering of the aft deck
Fast Rescue David	Palfinger PRHE 35
Fast Rescue Craft	Palfinger FRSQ 700

SHIP SYSTEMS

General Service Pump	2x Electrically driven
Bilge Water Seperator	1x 0.5 m3/hr
Fuel Seperator	1x non-self-cleaning, 1x self cleaning
Engine Room Ventilation	72.000 m3/hr
Sewage treatment plant	1x
Cargo Pump (F.W. + Feul)	70 m3/hr at 6.3 bar
Oil Spill Equipment	Dispersant pumps and booms

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)

CAPACITIES

Fuel Oil	169.80 m3
Fresh Water	28.60 m3
Economic speed	10.0 kn / 180 l/hr
Fresh Water Cargo	132.6 m3
Bilge Water	1.5 m3
Sewage	1.0m3
Foam	30.80 m3
Dispersant	9.50 m3
Cargo Deck Area	250 m2
Aft deck cargo max.	250 t
Deadweight max.	325 t
Crew	14 persons
(industrial) personel	65 persons seated

PERFORMANCE

Speed	23,5 kn
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AUXILIARY EQUIPMENT

Fire Fighting Internal	Fixed fire fighting in engine room (Novec 1230)
Firefighting external	2x remote operated FiFi monitor, 1200 m3/hr
Life Bouys	8
Life Jackets	79
Life Rafts	5x, with a combined capacity of at least 79 persons

ELECTRICAL EQUIPMENT

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

ACCOMMODATION

Below Main Deck	Crew Cabins upto 12 persons, pantry and mess room, store and sanitary spaces
Main Deck	Crew cabin for 4 persons, industrial personnel area and sanitary spaces
Air-Conditioning	Air conditioning in wheelhouse and accomodation

ELAYNE
General Arrangement

