



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

## MAIN DIMENSIONS

<b>Lenght overall</b>	53.20 m
<b>Beam overall</b>	10.10 m
<b>Depth at sides</b>	4.70 m
<b>Draught Max</b>	3.50 m

## CAPACITIES

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

## PERFORMANCE

<b>Speed</b>	23,5 kn
--------------	---------

## PROPULSION SYSTEM

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

## SHIP SYSTEMS

<b>General Service Pump</b>	2x Electrically driven
<b>Bilge Water Separator</b>	1x 0.5 m <sup>3</sup> /hr
<b>Fuel Separator</b>	1x non-self-cleaning, 1x self cleaning
<b>Engine Room Ventilation</b>	72.000 m <sup>3</sup> /hr
<b>Sewage treatment plant</b>	1x
<b>Cargo Pump (F.W. + Feul)</b>	70 m <sup>3</sup> /hr at 6.3 bar
<b>Oil Spill Equipment</b>	Dispersant pumps and booms

## ACCOMMODATION

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

## AUXILIARY EQUIPMENT

<b>Fire Fighting Internal</b>	Fixed fire fighting in engine room (Novec 1230)
<b>Firefighting external</b>	2x remote operated FiFi monitor, 1200 m <sup>3</sup> /hr
<b>Life Bouys</b>	8
<b>Life Jackets</b>	79
<b>Life Rafts</b>	5x, with a combined capacity of at least 79 persons

## ELECTRICAL EQUIPMENT

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

## DECK EQUIPMENT

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

## NAUTICAL AND COMMUNICATION EQUIPMENT

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

**ELAYNE**  
General Arrangement

