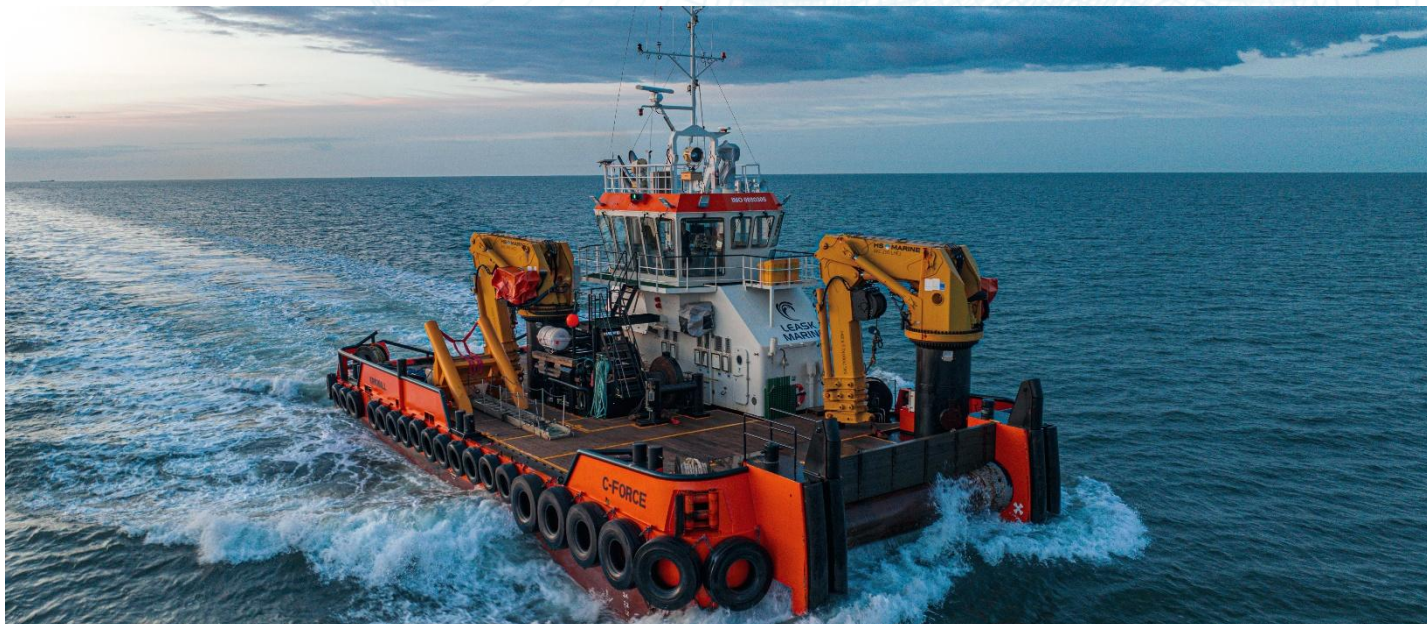


## MV- C FORCE



### Construction/ Classification

Date Of Build	August 2021
Category	MCA Cat 1 Up to 150Miles from safe haven
Person on Board	15 including Crew
Classification	Damen Multicat 2712
IMO Number	9850305
Call Sign	MITT4
MMSI	232033970
Flag	UK
Port of Registry	Kirkwall

### Features

Comfortable heated and air-conditioned accommodation for 7 persons in two double and three single cabins, galley, sanitary facilities, etc.

### Auxiliary Equipment

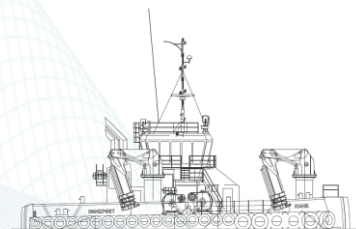
Generator Sets	2x Cat. C 04.4,
Hydraulic Power	107 kVA each, 50 Hz
Transfer Pump Fo/Fw	Cat C12TA, 339 kW 1800rpm
Fuel Oil Separator	2x SIHI VWKA 8020

### Main Data

Length O.A.	27.27 M
Beam O.A	12.45 M
Beam Moulded	11.5 M
Depth Moulded	3.9 M
Draught (98% condition)	2.65 M
Light Ship Weight (Approx.)	420T
Deadweight	220T
Cargo Deck Area	150 M <sup>2</sup>
Deck Load	100T/ 10T/M <sup>2</sup>
Gross Tonnage	299GT
British Tonnage	178.8BT

### Performances

Speed	10
Bollard Pull Max.	32T



# MV- C FORCE

## Propulsion System

Main Engines	2x Cat C32 TTA ACERT
Total Power	1790 bkW at 1800 rpm
Gearboxes	2x Reintjes WAF 572L 7,091 : 1
Propulsion	2x fixed pitch propellers in Optima nozzles
Diameter	1900mm
Bow thruster	Veth VT-180 , 184kW, Hydraulic

## Deck Lay-out

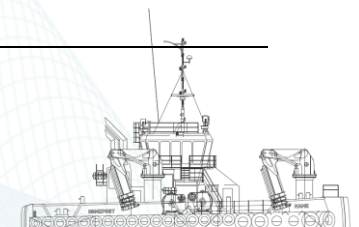
Anchor	2x 300 kg PoolTW (HHP) (1 stored)
Anchor Winch	1x Hydraulically driven, Kraaijeveld KAB-1-H-17.5D
Deck crane Fore	HS Marine AKC 290 LHE3 11.3T @ 16.5 m
Deck crane Aft	HS Marine AKC 290 LHE3 11.3T @ 16.5 m
Anchor Handling Winch Capacities	1x single drum, Kraaijeveld, wire Ø44 x 650m 100 ton@ 3m/min pulling force 1st layer 150-ton brake holding force 1st layer
Towing Winch	1x single drum, Kraaijeveld, wire Ø36 x 650m 50 ton@ 10m/min pulling force 1st layer 100-ton brake holding force 1st layer
Towing Pins Front	1x WK double pin type with chain stopper
Towing Pins Aft	1x WK triple pin type in line
Tugger winch	4x Dromec HPV-12000 SWL 12 ton(m) @20 m/min

## Nautical And Communication Equipment

Search Lights	Seamat 2
Radar System	1x Furuno, FAR-1518BB 1x Furuno, FAR 8065
Compass	1x Cassens & Plat, Reflecta 1
Gyro Compass	1x Anshuetz, Standard 22
Autopilot	1x Simrad, AP-70+
GPS	1x Furuno, GP-170
Echosounder	1x Furuno, FE-800
Speed log	1x Skipper, EML-224
AIS	1x Furuno, FA-170
Intercom	1x Phonetech, CIS3000
VHF	2x Sailor, RT6222, with DSC
Handheld VHF	2x TR-20
SBB	1x Sailor 6310
Inmarsat- C	2x Sailor 6110
Navtex	1x Furuno, NX-700A
Watch Alarm	1x Furuno, BR-500
Entertainment System	1x Seatel ST 24
Wind Indicator	1x Obsermet OMC 115
Chart Plotter	1x Transas NS 4000

## Tank Capabilities

Fuel Oil	105.0m <sup>3</sup>
Fresh Water	31.3m <sup>3</sup>
Dirty Oil	1.7m <sup>3</sup>
Sewage	10.5m <sup>3</sup>
Sludge	1.3m <sup>3</sup>
Hydraulic Oil	2.3m <sup>3</sup>
Lubrication Oil	1.5m <sup>3</sup>



# MV- C FORCE

## General Arrangement

Side view

