

M/V KAROLINE

Survey Vessel



- Sidescan Sonar Survey
- Multibeam Survey
- ROV and Video Survey
- Vibro-Coring
- Bottom Sampling
- Diving Platform
- POD Handling
- Bird Observation
- Trial Fishery
- Guard Vessel

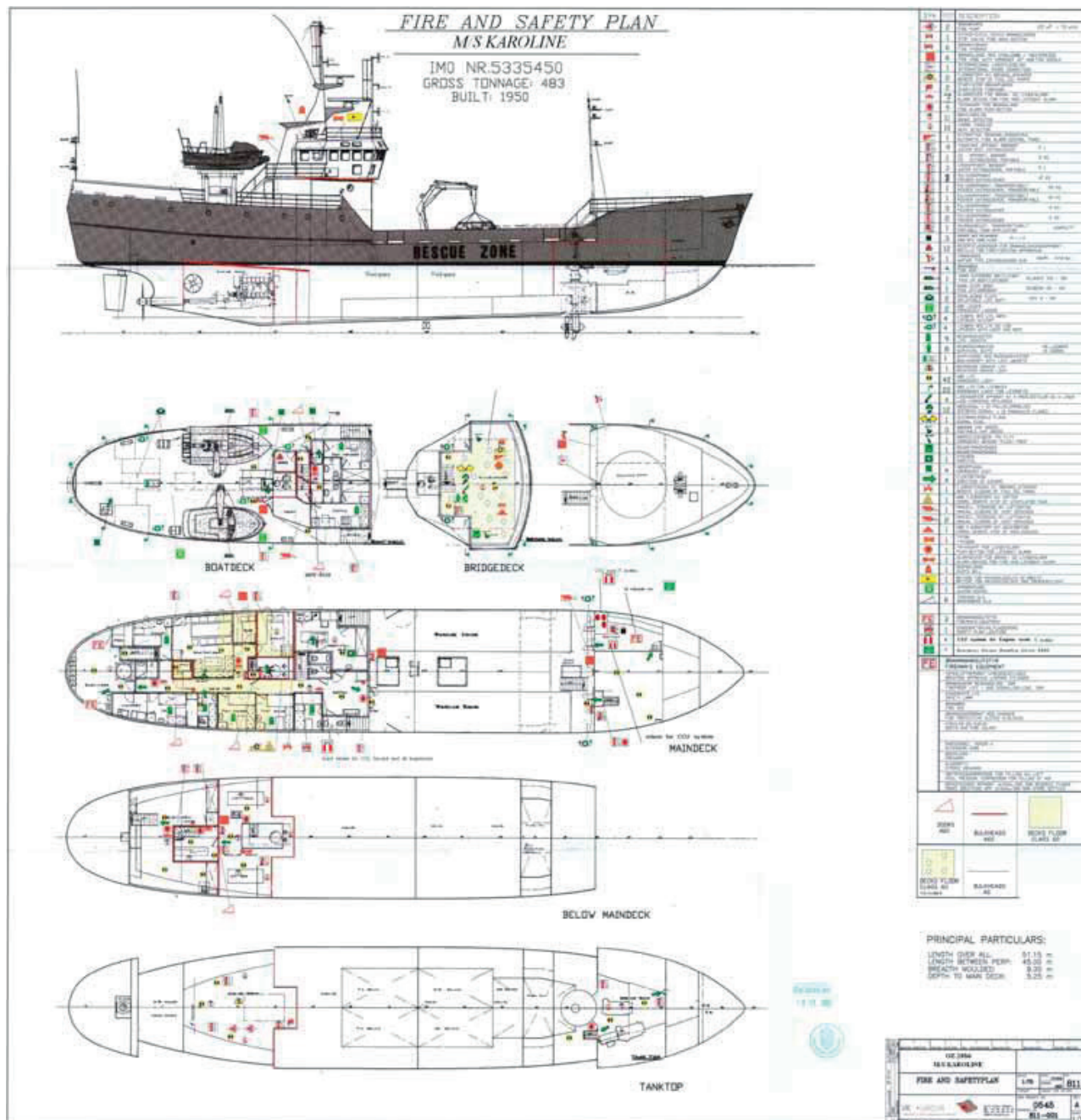
Northern Survey

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General Arrangement:



M/V KAROLINE



Specifications:

Flag:	Faroe Islands
Year built/rebuilt:	Builders A. & J. Inglis Ltd. Scotland UK 1950 / Rebuilt 1984
Class:	DNV 1A1 ICE-C E0
Identification:	Call sign: OZ2086, IMO No.: 5335450, DnV No.: 03263, MMSI No: 231 745 000
GT:	588 t
NT:	176 t
LOA:	51.15 meters
BR:	9 meters
Depth (mld.):	5.25 meters
Max Draft:	4.9 meters with Azimuth thruster 5.25 meters
Main Engines:	Deutz S / BV6M628 1600 BHP & Cater- pillar 3412 650 BHP Forward Azimuth thruster type Brunvoll AR55 Retractable 650 BHP The thruster is also approved as propulsion machinery
Auxiliary machinery:	2 x Caterpillar 3306 w/ Stamford MSC- 434 each 180 KWA, 3 x 230 V 50 Hz 1 x John Deere 6068TF258 120 KW with 112 KW/135 KWA, 3 x 230 V 50 Hz Sidethrusters: Aft.: Brunvoll 400 BHP, Hydraulic.
Tank Capacity:	Fuel oil: 87.6 m ³ , Fresh water: 60.3 m ³ , Water ballast: 60 m ³
Speed:	Max 15.5 knots. Bollard pull: 20 t
Navigation Equipment:	1 x 3 cm JRC JMA-5310 ARPA radar 1 x 3 cm Furuno FR 2110 ARPA radar 2 x DGPS Furuno GP-36/GPS, GP-30 1 x TELchart 2121 1 x satellite Gyro Compass SC-50 1 x Simrad GC 80 1 x autopilot type Robertson Ap-9 1 x echo sounder type Furuno FRV-1150
Communication Equipment:	1 x Furuno, FS2570 GMDSS A1, A2, A3 2 x Sailor VHF DSC RT 5022/RT 4722 2 x VHF fixed Sailor RT 2047/2048 Satellite phone system mini M V-sat 1m with 3 phone lines 3 x Sailor SP 3520 VHF GMDSS portable 4 x Sailor SP 3510 VHF work/ISPS 1 x ICOM IC-A3E Helicom, portable 1 x Furuno AIS FA-100 1 x Jotron VHF Tronfind-bearing 2 x EPIRB ATR Electronics GSM mobile phone 1 x radartransponder ACR Electronics 1 x Navtex 2 1 x Intercommunication Accommodation Vingtor VCR 15M



Deck Cranes:	AMCO VEBA 946FM-4S SWL 9,180 kg 4.55 m- 3,220 kg 12 m, Rotzler winch ti- tan TC5, first layer 5.7 tons- top layer 4.3 tons Heila Marine Crane SWL 3.6 tons, 2.75 meters, 0.8 tons, 10.4 meters Hydraulic operated 46 MT Crane (New)
Other Capacities:	Deck cargo: 50 m ³ Maximum deck load: 2.5 t/sqm Ballast pump: 1 x 50 m ³
Rescue Equipment:	1 FRB Life-/Mob. Boat starboard side 1 FRB mob. Boat 2 x life rafts
Fi-Fi I:	1 x Fi-Fi monitors, cap 60 m ³ /hours 1 x towing hook type "Seebeck" SWL 20 tons Rescue cannon Hospital/surveyors' office
Accommodation:	Seatel satellite TV Capacity for up to 10 surveyors 5 x two-man cabins for surveyors

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