

ICGV ÞÓR

MULTI PURPOSE VESSEL



The vessel is designed and equipped for the following coastguard duties;

- Maritime Surveillance
- Emergency Towing Operations
- Fire Fighting
- Environmental Response
- Search and Rescue (SAR)
- Helicopter In-Flight Refuelling (HIFR)
- Fisheries Enforcement
- Oil Recovery Operations (ORO)
- Hydrographic Surveying
- On-scene command and coordination platform

TECHNICAL DATA

Dimensions

Length	93.80 m
Breadth	16.00 m
Height	30 m
Max. draught	5.80 m
Gross tonnage (GT)	3.920

General

Speed	19.5 Kn
Ice Class	1 B
Towing Capacity	120 T
Crew / Live Saving Equipment	18/48

Class

LRS +100, Ice class 1B + LMC, UMS, Occasional Oil Recovery Duties, EP, DP (AM) CAC3, FI-FI 1

Cargo Capacities

Cargo deck, free area	300 m ²
Deck load	2,5 T/ m ²
Fuel oil	1118 m ³
Fresh water	298 m ³
Fuel oil / ORO	268 m ³
ORO	407 m ³
Water Ballast	839 m ³

Lifesaving Equipment

MOB boat: 2 off Norsafe Magnum 750
Min. speed 35 Knots.
Davit: Mc.Gregor
Life rafts: 6 off Viking 25 persons

MACHINERY

Main Engines

2 Rolls-Royce Marine, Bergen
B:32:40L9P 4500 kW, 750 RPM.
Flexible mounted.
Floating frequency 50-60 Hz.



LANDHELGISGÆSLA ÍSLANDS
ICELANDIC COAST GUARD

Main propellers

2 Rolls-Royce marine KaMeWa Ulstein
Feathering type w/out nozzle.
Prop diam.: 3600 mm, RPM: 178

Main gear

2 off Rolls-Royce Ulstein gearboxes
1500AGSC-KP2S/560

Generators:

2 off shaft generators PTO
1600KW/2000 kVA.
Aux. Gen. Sets: 4x550 kW
Emerg. gen.set: 1x190 kW.

Thrusters:

1 off RR Ulstein Aquamaster Azimuth
TCNS 70/50-180 883 kW swing up Type.
3 off RR Ulstein Kamewa TT1300 DPN
CP, 450 kW, tunnel thruster.

Operating System

Dynpos-system – Joystick System:
RRM Compact DP1

Oil Recovery Operations – ORO

Oil Boom: Norlense R- Series system
300 m. NO-800-R Offshore-boom.
Oil Skimmer: Lamor Free Floating
Brusch skimmer 100 2C

Marine Energy Management System

Maren - Marorka

For further information please go to www.lhg.is/thor