

POHJANMERI

Multi-Role Geophysical and Hydrographic Survey Vessel



SPECIFICATIONS

Year of construction	1979
Renewed	1997 and 2016
Flag	Finnish
Port of Registry	Helsinki
Classified	European Trade
LOA	78.3 m
Breadth	11.6 m
Operational draught	3.2 m
Min. overhead clearance	13.8 m
Gross tonnage	1582 t
Net tonnage	475 t
Free deck space	220 m ²

BUNKERS

Fuel tank	220 m ³
Freswater	40,2 m ³
Luboil	3.4 t

WEATHER CONDITIONS

Wind force 7 (Beaufort)
Sea State 4 (WMO sea state code)

MANNING

Safe manning crew 9 pers.

PERFORMANCE

Speed 18 knots
Service speed 2 - 9 knots

MACHINERY

2 x 2140 kW Diesel Wärtsilä 16V22B
4 x 312,5kW Diesel Cummins NTA 855 G
2 x KaMeWa 66XF/4
1 x Bow Tunnel Thruster 185kW KaMeWa

DECK EQUIPMENT

Deck crane: Hiab 2m/9,4 t, 15,7m 1,04 t
Winch: SWL 2 t
Deck crane stern: SWL 2 t
Survey winch: SB side 500 m

NAVIGATION AND COMMUNICATION EQUIPMENT

Furuno FAR-2137-BB S-band Radar
Furuno FAR-2127-BB X-Band Radar
Dual Furuno FMD-3200 ECDIS
2 x Anschutz Std22 Digital Gyro
Skipper Echo Sounder
Emri Wind Sensor
Consilium Marine Sal SD 2-4 Log
Furuno GP-170 + Saab DGPS
Ludolh Typ M55 Magnetic Compass
Saab AIS
Furuno A4 GMDSS

ACCOMMODATION

13 x 1 person cabin
1 x 2 person cabin
Kitchen/provisions store
Mess
Conference room for 10 persons
3 x Offices
2 x Sauna
Laundry below main deck at bow

SURVEY EQUIPMENT

Multibeam:

- Kongsberg EM 2040D 200-400kHz Dual swath

Positioning equipment:

- Applanix POS MV Ocean Master
- Javad GNSS

Sound velocity:

- Valeport profilers
- Teledyne RapidCAST underway profiling winch with RapidSV/RapidCTD
- Valeport MiniSVS

Sub bottom profiler:

- Kongsberg TOPAS PS 120

Sidescan (optionals):

- Edgetech 4205 230/540kHz MPMT

Sub bottom profiler (optionals):

- SIG Boomer 500-1400Hz

Magnetometer (optionals):

- Geometrics G-882

SOFTWARE

QINSy, SIS
Fledermaus, Qimera

FURTHER INFORMATION

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