

EQUIPMENT SHEET

BRAVEHEART SPIRIT
OFFSHORE SURVEY IRM SUPPORT VESSEL



CONSTRUCTION / CLASSIFICATION

Vessel built in	2010
Classification	BV ✕ Hull ✕ MACH/Survey vessel/ Firefighting 1/Water spraying/ Unrestricted navigation ++ AUT-UMS, + DYNPOS-AM-AT-R, CONF-NOISE 3
IMO	9507049
Call sign (flag)	PEJO (Dutch)

MAIN DATA

Gross tonnage	2,554 GT
Deadweight	2,562 t
Length overall	73.20 m
Breadth overall	16.50 m
Depth(to main deck)	6.80 m
Draft(summer)	5.30 m
Speed (max.)	12 knots
Service speed	10 knots
Survey speed	4 knots
Survey speed (hybrid)	3 knots
Dynamic positioning	Kongsberg K-POS 1, Class DP2 system with two different operator stations.

MACHINERY / PROPULSION

Main engine	3 x 1,825 kW
Propulsion	2 x Z-drive, fixed pitch, 360°
Main generators	3 x 1,920 kW
Bow thrusters	2 x 746 kW
Emergency/harbour generator	250 kW

DECK

Deck space	675 m ² with flush deck, without crane, A-frame, HPU.
Deck strength (UDL)	5 t/m ²
A-frame(s)	30 t
Moonpool	1.5 m x 1.5 m
Trading area	Unlimited
Facilities	prepared for 2 Work Class ROV
Equipment	Work boat 15 pax

ACCOMMODATION

Single cabins	6
Double cabins	14
Quadruple cabins	4
Total accommodation	50 pax
Crew facilities	Mess/day room, laundry, galley, gym, client representative room and office.

TANK CAPACITIES

Fuel oil	850 m ³
Fresh water	434 m ³
Drill/water/ballast	439 m ³

SURVEY INSTALLATION

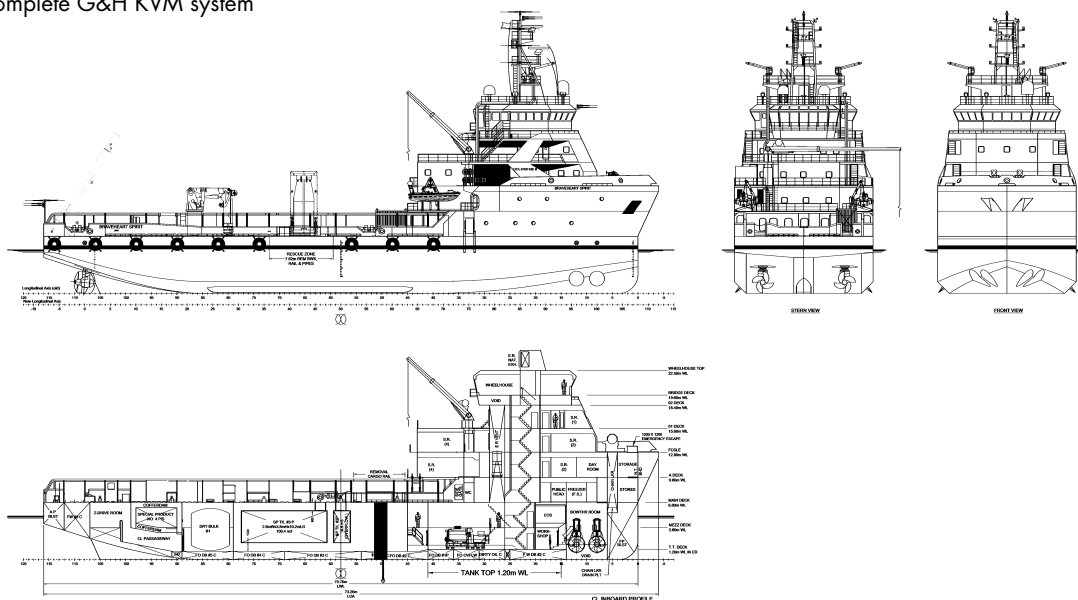
2x dual Starpack
G2+ Solution
Kongsberg EM2040 MK II
HiPAP Kongsberg 501
USBL: 3x cNode MiniS 34-180
2x cNode Maxi 34-180-R, float
1x Blue Hydrins
Kongsberg MRU 5
complete G&H KVM system

NAVIGATION / COMMUNICATION

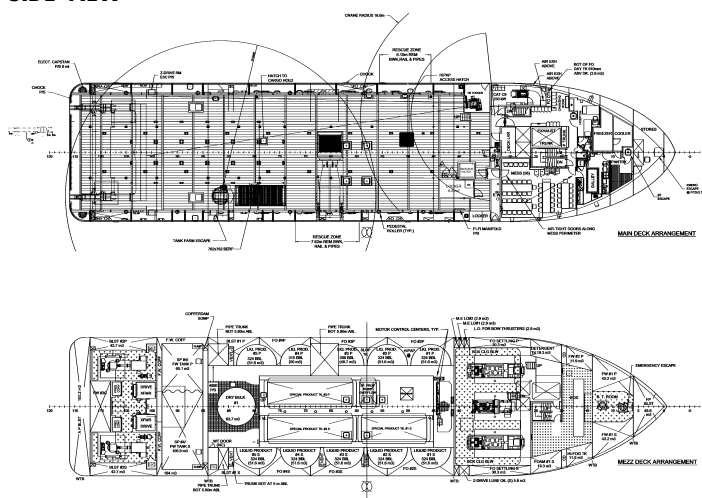
2x radars/ARPA
3x Sperry Navigat X mk1 compass
1x magnetic compass
1x digital echo-sounder 200kHz
1x EM speed log
1x AP9 Mk3 Auto Pilot
1x radio system compliant with GMDSS A3
3x satellite communication system: Vsat Inmarsat fleet 77, iridium

SAFETY EQUIPMENT

Firefighting:
(Fifi 1 1) 2x pumps of 1,500 m³/h, 2x monitors lifesaving arrangement,
Rescue Boat, Diesel engine 160 hp water jet with davit.



SIDE VIEW



TOP VIEW