Boskalis

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 SPS/IP, SP(50) & IP
IMO	9507049
Call sign (flag)	PEJO (Dutch)

MAIN DATA

Gross tonnage	2,554 GT
Deadweight	2,275.36 t
Length overall	73.20 m
Breadth overall	16.50 m
Depth(to main deck)	6.80 m
Draft(summer)	5.18 m

DYNAMIC POSITIONING SYSTEM

Kongsberg K-Pos-2 - Class DP-2 Dual redundant DP control system. DP References:
1 x Fanbeam (MDL 4.2)
1 x Kongsberg DPS 132
1 x Fugro Seastar 9205

MACHINERY / PROPULSION

Main engine	3 x 1,900 kW
Propulsion	2 x Z-drive 1,920 kW each, fixed pitch, 360°
Main generators	3 x 1,825 kW, 60 Hz 440 V
Bow thrusters	2 x 746 kW
Emergency/harbour generator	250 kW, 60 Hz 440 V

DECK & DECK EQUIPMENT

Deck space	675 m^2
Deck strength (UDL)	5 t/m^2
A-frame(s)	30 t
Moonpool	1.5 m x 1.5 m
Crane	Heila HLRM 230-4SLK Knuckleboom crane starboard aft on deck SWL 10T
A-frame	30 t HPU suitable for survey equipment handling (No winch & wire)

ACCOMMODATION

Single cabins	6
Double cabins	14
Quadriple cabins	4
Total accommodation	50 pax
Facilities	Client office (1 x desk), survey office (3 x desk), recreation room, mess galley, laundry, gym

TANK CAPACITIES

Fuel oil	850 m^3
Fresh water	232 m^3
Drill/water/ballast	439 m^3

SURVEY INSTALLATION (OPTIONAL)

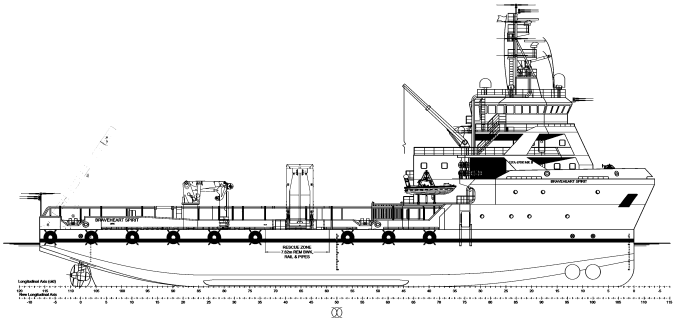
HiPAP Kongsberg 501- (not connected to the DP system)

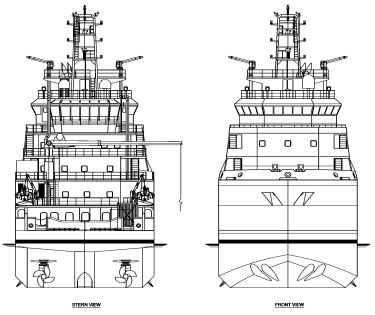
NAVIGATION / COMMUNICATION

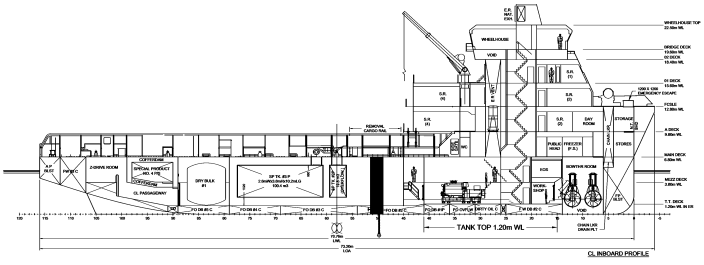
2 x radars/ARPA
3 x Sperry Navigat X mk1 compass
1 x magnetic compass
1 x digital echo-sounder 200kHz
1 x EM speed log
1 x AP70 Mk2 SIMRAD Auto Pilot
1 x radio system compliant with GMDSS A3
3 x satellite communication system: V-Sat x 2, Iridium Certus 700, Inmarsat -C x 2

FIRE FIGHTING & SAFETY EQUIPMENT

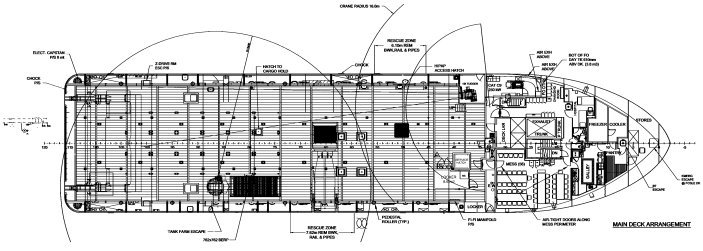
Rescue Boat at PS:	1 x 6 person SOLAS Norsafe Midget FRC, Diesel engine 160 hp water jet with davit
Fire fighting:	2 x FIFI monitors X 2 x pumps 1,200 m^3/h @11 bar

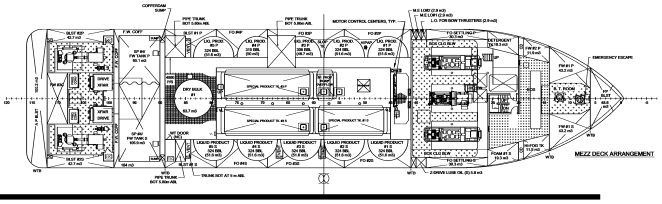






SIDE VIEW





TOP VIEW

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