



**BRAVEHEART
MARINE**



BRAVEHEART SPIRIT

Specifications





— BRAVEHEART SPIRIT —

MAIN PARTICULARS

GENERAL

Flagstate	The Netherlands
Classification	Bureau Veritas
Vessel type	Survey vessel SV
IMO	9507049
Call sign	PEJO
Class notation	BV 1 + Hull + MACH/ Survey vessel/ Fire fighting 1/ Water spraying/ Unrestricted navigation ++ AUT-UMS, + DYNPOS-AM-AT-R, CONF-NOISE 3

ACCOMMODATION

Total berths	52 pers.
Single cabins	6
Double cabins	14
4 man cabins	4
Other facilities	Mess/day room, laundry, galley, gym, client representative room and office

DIMENSIONS

Length	73.20 m
Breadth o.a.	16.50 m
Depth	6.80 m
Design draft	5.30 m
Deadweight	2,562 t
Gross tonnage	2,554 t

CAPACITIES

Fuel oil	850 m3
Fresh water	434 m3
Drill/ water/ ballast	439 m3

MACHINERY / PERFORMANCE

SPEED - CONSUMPTION - PER DAY

Maximum speed (100%)	12 kts/23 m3
Service speed	10 kts/10 m3
Service speed	7 kts/6.5 m3
Survey Speed	4 kts/4 m3
Survey Speed (hybrid)	3 kts/3.5 m3
DP2 OPS Sea state 1	3.8 m3
DP2 OPS Sea state 4	7 m3

PROPULSION - MACHINERY

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

ELECTRONICS

NAVIGATION - COMMUNICATION

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

DYNAMIC POSITIONING SYSTEM

Type: Kongsberg K-POS 1, Class DP2 system with two different operator stations.

Sensors and monitoring as per class 2 requirements,

- Seastar 9205
- Kongsberg DPS 132
- 2 Kongsberg MRU 2
- Kongsberg HiPAP 501*
- Dual Starpack G2_ solution*
- Range Bearing systems (optional)
 - Kongsberg Radius dual
 - MDL Fanbeam

*Shared from survey installation

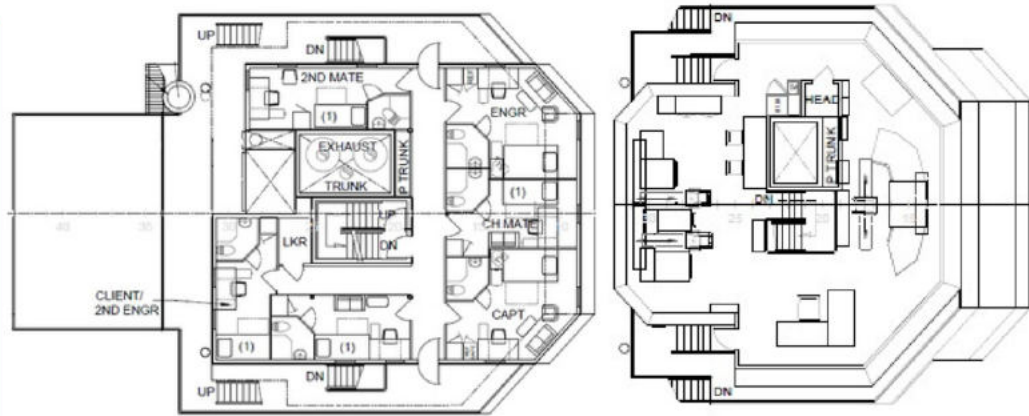
GENERAL ARRANGEMENT

Deck installation

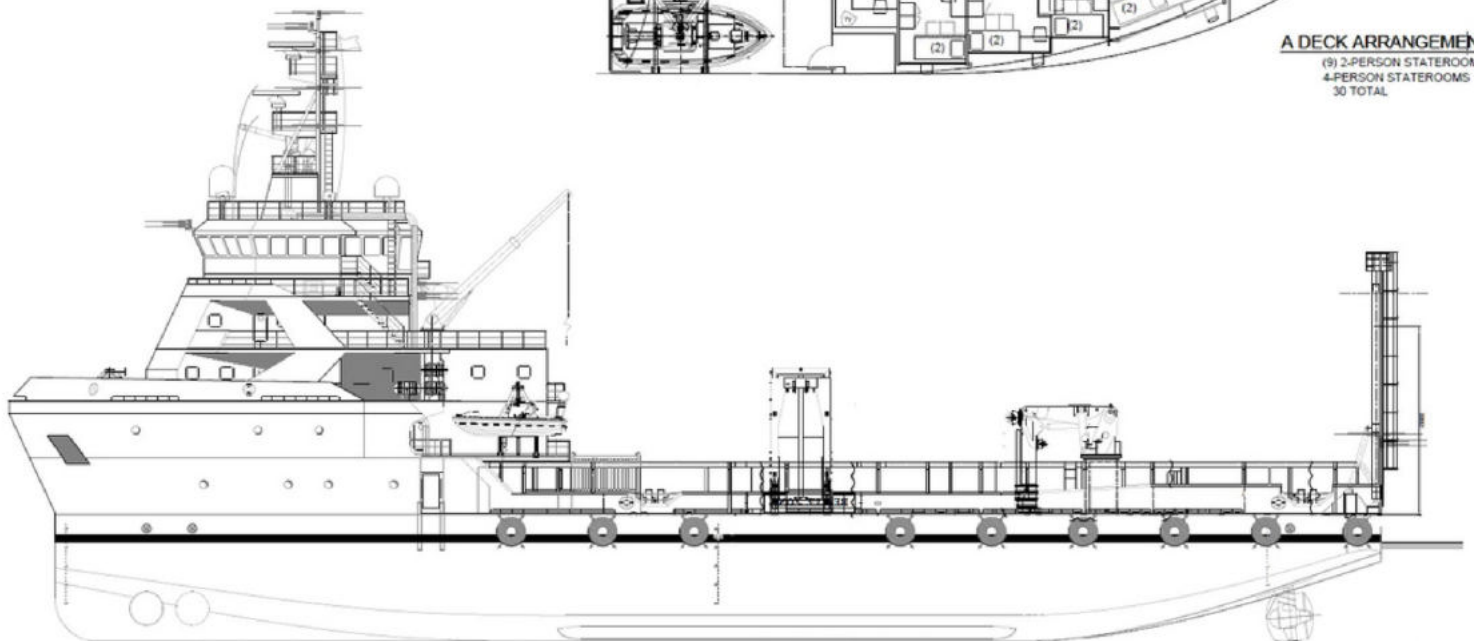
- deck area 675 m²
- 1 moon pool (1.5M x 1.5M)
- A-Frame: 30 t - 15 m height (TBA)
- HLRM 230-4SL crane (24T @ 7M; 10T @ 15m)
- Trading Area: Unlimited
- prepared for 2 Work Class ROV
- ISM/ISPS/MLC : SMC, ISSC & MLC certified

Survey installation

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



A DECK ARRANGEMENT
(9) 2-PERSON STATEROOMS (3)
4-PERSON STATEROOMS
30 TOTAL



For more information, please contact us.



SAFETY

SAFETY EQUIPMENT

- Fire fighting: (Fifi1 1) 2 pumps of 1.500 m3/h
- 2 monitors Life saving arrangement
- Inboard Diesel engine FRC
- Workboat 15. pers
- Diesel engine 160HP water jet with davit



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