

FPSV 53P/W



FAST PAX & SUPPLY VESSEL 53P/W



The FPSV 53 benefits from PIRIOU's 25 years experience in delivering more than 100 aluminium fast crew boats to the offshore oil and gas industry.

The FPSV 53 is a highly versatile vessel able to perform multiple functions as in field support, crew transfer and supply. With a 240 m² cargo deck, 80 industrial personnel seating and living quarters for 10 crew, her fuel-efficient hull design enables to sail in a very comfortable manner.

This 55 metres aluminium vessel is equipped with four engines. While the waterjet configuration grants a top speed of 30 knots, more manoeuvrability and safety thanks to DP2 and Fi-Fi 1 notations, the fixed pitch propeller version offers a 25 knots light load and a 19 knots full load speed.

- Proven design by PIRIOU
- 240 m² cargo deck with a 226 tons capacity
- DP2 for high manoeuvrability and safer operations
- High speed to transfer crew and supply faster and further away
- Long range autonomy thanks to large tank capacities
- Optimized bow offering reduced slamming in rough seas
- Shallow draft allowing access and operations near shore and in deltas
- Excellent panoramic visibility for safety and easy manoeuvre

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MAIN CHARACTERISTICS

Length overall	55.1 m
Breadth	10 m
Gross tonnage (approx.)	470 UMS
Draught	2.35 m
Air draft	13 m
Hull and superstructure	aluminium
Cargo deck area	240 m² @ 2.5 t/m²
Deck load	226 t
Crew	10
Industrial personnel	80
Gasoil	140 m³
Fresh water cargo	105 m³
Fresh water (domestic)	8 m³
Grey/black waters	4 m³

OPTIONS

	FPP	Waterjets
Dynamic positioning 1	●	-
Dynamic positioning 2	-	○
Sickbay	●	●
Fire Fighting (Fi-Fi 1)	●	○
Business class seats	●	●
FRC/quick launch davit	●	●

○ included ● option - not available

CLASSIFICATION

Bureau Veritas I ✕ HULL ✕ MACH
 Crew boat
 SDS
 Sea area 3
 DYNAPOS AM/AT R*
 Fire Fighting ship 1 - water spraying*
**FPSV53w only*

ACCOMMODATION

Fully air conditioned	
Cabins for 2 persons	4
Cabins for 1 person	2

PERFORMANCES

	FPP	Waterjets
Crew+full capacities+pax+cargo	19 kn	20 kn
Crew+full capacities	25 kn	30 kn

PROPULSION / MACHINERY

	FPP waterjets	Waterjets
Engines	4 x 1342 kW @ 1900 rpm	
Generator sets	2 x 178 kVA	
Propulsion	4 x FPP	4 x waterjets
Bow thrusters	1 x 150 kW	2 x 150 kW