

24 PAX CREW TRANSFER VESSEL DAMEN FCS2610 SEAZIP 5



MV SeaZip 5 is a fast Twin Axe Bow catamaran for transport of Industrial Personnel, equipment and parts to offshore windfarms etc.

GENERAL

Hull	Aluminum catamaran
Superstructure	Aluminum
Basic functions	Crew / cargo duties
Classification	Bureau Veritas (BV)
GMDSS	A2
IMO no	9797711
Call sign	PBFM
Year built	2015
Builder	Damen Shipyards
Homeport	Harlingen
Flag	Dutch

DIMENSIONS

Length o.a.	26.30 m
Beam o.a.	10.27 m
Depth at sides	2.90 m
Draught max.	2.20 m

TANK CAPACITIES

Fuel oil	14.20 m ³
Optional fuel oil	8.00 m ³ (trim tank)
Fresh water	2.00 m ³
Waste water	0.50 m ³
Bilge	0.33 m ³

PERFORMANCE (TRIALS)

Speed	25.0 kts
Max. range	Up to 1200 nm
Light ship weight	81.45 tons
GT	172 tons
NT	51 tons

PROPULSION SYSTEM

Main engines	2 x Caterpillar C32 TTA, rating B
Total power	2 x 895 kW (2400 bhp) 1800 - 2000 rpm
Gearboxes	Reintjes ZWVS 440/1 (two speed)
Propellers	Fixed-pitch propellers
Bow thrusters	2 x 50 kW

ELECTRICAL EQUIPMENT

Network	24 V d.c., 230V 50 Hz, 440 V 50 Hz
Generator set	2 x Caterpillar C2.2
Capacity	22.5 kW / 28.0 kVA
Shore connection	32 A

LIFE SAVING EQUIPMENT

Life buoys	2
Life jackets	28
Immersion suits	28
Personal MOB system	A GPS Plot self-managed Man Overboard Locating System is provided. The system contains a base unit and 14 alerting units. The alerting units will transmit on 121.5 MHz.
Liferafts	Capacity for 24 IP and 4 crew members
Fire extinguisher	According to class

ACCOMMODATION

Crew	4
Cabins	3
Transfer crew	24 (12 PAX + 12 Industrial Personnel or 24 Industrial Personnel)
Wheelhouse	2 motion damping seats, passenger lounge with 24 seats
Main deck	Crew cabins, pantry and toilet
Air conditioning and ventilation facilities	In wheelhouse and main deck

NAUTICAL AND COMMUNICATION EQUIPMENT

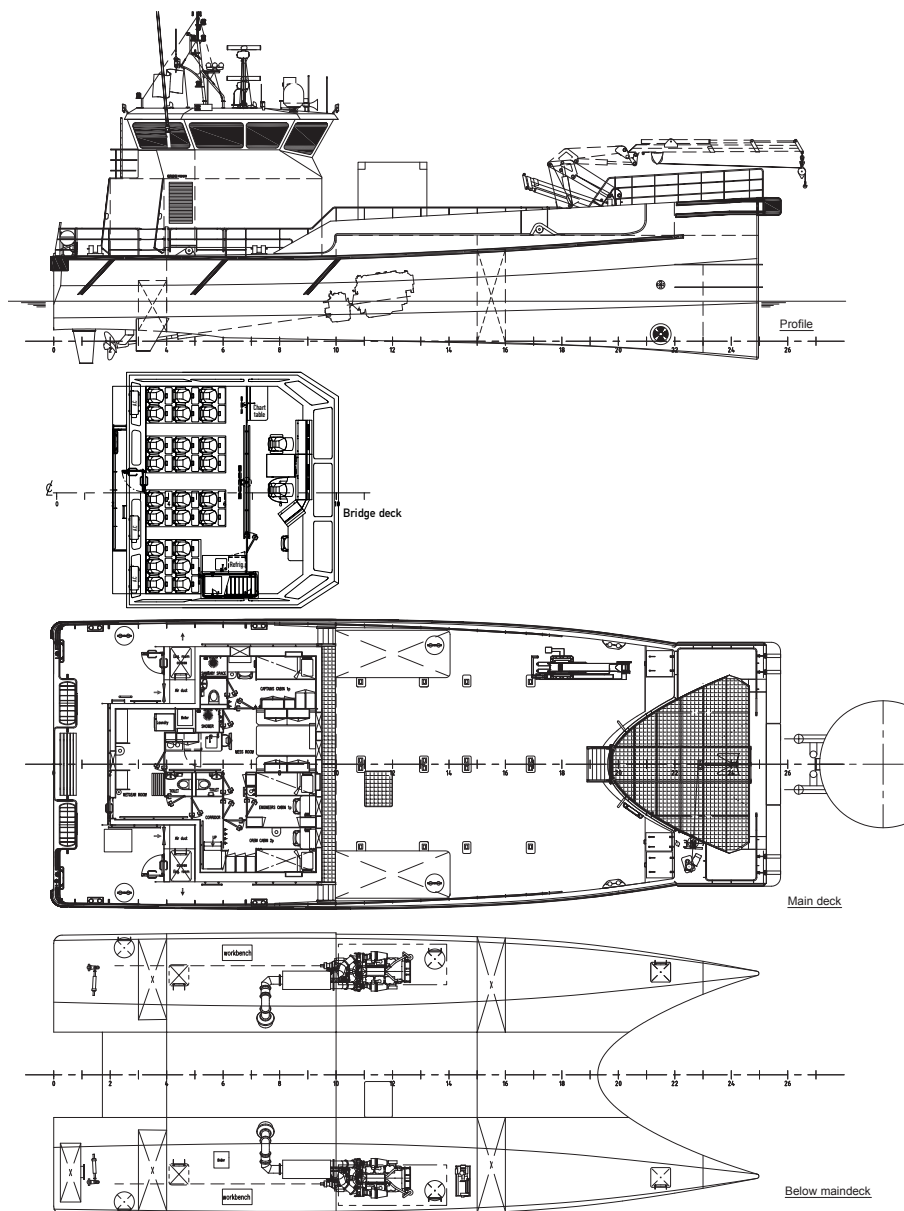
Searchlight	1 x Pesch 1000W 230V
VHF's	1 x Sailor RT 6222 1 x Sailor RT 6210
Radar	2 x JRC JMA 5212-4 MK2
GPS	JRC JRL-20
Navtex	JRC NCR 333
AIS	JRC JHS 182
MF/HF	Sailor 5000
Immersat C	Sailor TT 3000E
VSAT antenna system	Intellian V60 Ku-band marine communication
Wi/Fi/Fleet broadband	Sailor 250
Ecdis	2 x Transas Navisailor 4000

Some of the items in this specification are optional. Specification and general arrangement can be changed without notice.



DECK LAY-OUT

Anchors	1 x HPP pool, 150 kg
Fender	Seasight flat fender
Deck crane	A hydraulically operated knuckle boom crane is mounted on the vessel in accordance with the General Arrangement Plan. SWL 2200 kg at 8.60 m. SWL based on harbour conditions
Deck space	90.0 m ²
Deck cargo forward	5.0 ton up to 15 ton Container fittings are integrated in the cargo deck
Max. deck load	1.5 ton/ m ²
Moon pool	A reinforced moon pool is a part of the cargo deck structure. The moon pool is closed with a removable hatch, nearly flush with the deck. Around the moon pool container fittings are provided to fit a survey above the moon pool. Clear opening 0.92 m x 1.20 m.
Fuel transfer	A hose reel is provided for the fuel cargo system with a 40 m hose and pistolgrip.
High pressure cleaner	The work deck is provided with a fresh water connection for a high pressure cleaner. The cleaner itself is provided with a hose of 30 m and a lance.



FUEL CONSUMPTION 2 X CATERPILLAR C32 TTA 1790 KW

Working schedule	Speed	Fuel consumption
24 pax vessel	in kts	ltr/hour
Max speed	25	450
Reduced speed (85%)	20	385
Economic	12	175
Turbine transit (trolling mode 85%)	0	350
Thrusting	0	113
Standby / Idling	0	36
At anchor	0	5.2

All details are verified but without guarantee.



ABOUT THE SHIP MANAGER

The management of SeaZip vessels is carried out by the JR Shipping Group in Harlingen, The Netherlands, an experienced and all-round shipping company.

The shipping group operates a fleet of modern container feeders sailing under Dutch flag. JR Shipping cooperates closely with experienced maritime partners, several shipyards in the Netherlands and abroad, and renowned shipping bankers. JR Shipping is an efficient, flexible organisation, offering swift and effective solutions. We combine clout in ship development with well-secured quality and safety in ship management and an eye for sustainability.
www.jrshipping.com

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