



24 PAX CREW TRANSFER VESSEL DAMEN FCS2610

MV SeaZip 3 a highly flexible offshore service vessel designed to perform a wide range of offshore wind farm servicing tasks, like transport of Industrial Personnel & equipment.

GENERAL

Basic functions	Crew / cargo duties
Year built	2015
Builder	Damen Shipyards
Hull	Aluminum catamaran
Superstructure	Aluminum
Classification	Bureau Veritas
GMDSS	A2
IMO no	9758698
Call sign	PCTH
Homeport	Harlingen
Flag	Dutch

PRINCIPLE DIMENSIONS

Length o.a.	26.30 m
Beam o.a.	10.27 m
Draught max.	2.20 m
Depth at sides	2.90 m
Light ship weight	82 ton
Gross Tonnage	172
Net Tonnage	51

TANK CAPACITIES

Fuel oil	14.20 m ³
(Optional) fuel oil tanks	8.00 m ³ (trim tank)
Freshwater	2.00 m ³
Waste water	0.50 m ³
Bilge water/.Dirty oil	0.33 m ³

PERFORMANCE (TRIALS)

Speed	25.0 kts
Max. range	Up to 1200 nm
Hsig (wave hight)	1.7 m

PROPULSION SYSTEM

Main engines	2x Caterpillar C32 TTA, rating B
Total power	2x 895 kW (2400 bhp) 1800 - 2000 rpm

Gearboxes	Reintjes ZWVS 440/1 (two speed)
Propellers	Fixed-pitch propellers
Bow thrusters	2 x 50 kW hydraulically driven
Bollard pull	17T@100%MCR

ELECTRICAL EQUIPMENT

Network	24V DC, 400/230V 50Hz AC
Generator set	2 x Caterpillar C2.2
Capacity	22.5 kW / 28.0 kVA (each)
Shore connection	32A, 3~ 400V 50Hz

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. Capacity for 24 IP and 4 crew members
Liferafts	Fixed Fire Extinguishing Installation
Fire Fighting Equipment	
Fire Detection System	
Portabale Extinguishers	
AED	

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 motion damping seats
Seating	Norsap 800
Main deck	Crew cabins, pantry and toilet
Air conditioning	In the wheelhouse, pax area and main deck
ventilation facilities	



NAUTICAL AND COMMUNICATION EQUIPMENT

Searchlight	Seematz 463 HGS 230V-1000W
VHF's	1x Sailor RT 6222 1 x Sailor RT 6210
MF/HF	Sailor 6301
Radar	2x JRC JMA 5212-4 MK2
GPS	JRC JLR-21
Navtex	JRC NCR 333
AIS	JRC JHS-183
ECDIS	2 x Transas Navisailor 4000
Data communication	Starlink Flat High Performance Antenna
SAR-Finder	SeaMarshall SAR 1003 MK3
Alphatron Marine	
CCTV	
Wi-Fi	PAX-Area and Accomodation

DECK LAY-OUT

Anchors	1x HHP pool, 150 kg
Fender	Seasight or bouyant works - project specific.
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 deck	5.0 ton up to 15 ton Container fittings are integrated in the cargo deck, 2.5 ton each.
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 system	A hose reel is provided for the fuel cargo system with a 40 m hose and pistolgrip. Pumping capacity is 2.88m ³ /h
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.

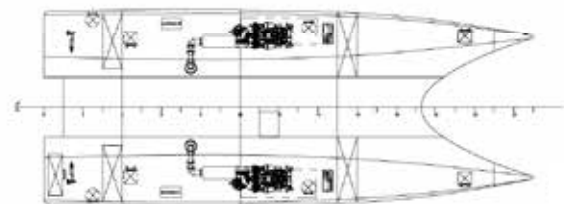
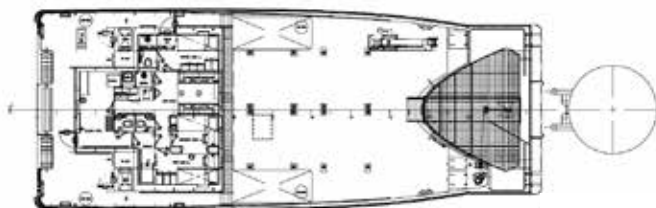
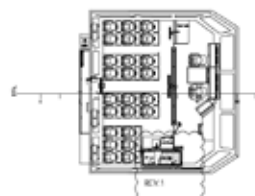
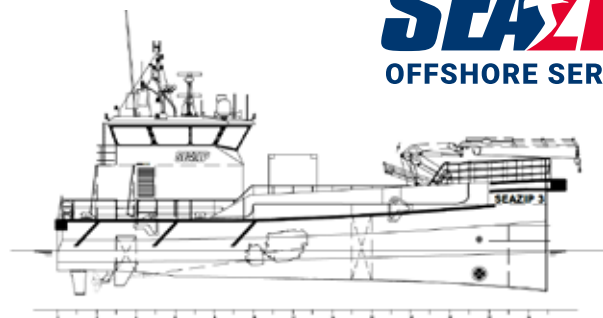
ADDITIONAL SYSTEM

Optional:	Vessel Monitoring
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SUSTAINABLE OPTION

Fuel	HVO 100
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SEAZIP
OFFSHORE SERVICE



FUEL CONSUMPTION 2 X CATERPILLAR C32 TTA 1790 KW

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

Some of the items in this specification are optional. Specification and general arrangement can be changed without notice. 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 and JR Shipping cooperates closely with experienced maritime partners, several shipyards in the Netherlands and abroad, and renowned shipping bankers.

JR Shipping Group 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.
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