



24 PAX CREW TRANSFER VESSEL DAMEN FCS2610

MV SeaZip 4 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

| | |
|-----------------|---------------------|
| Hull | Aluminum catamaran |
| Superstructure | Aluminum |
| Basic functions | Crew / cargo duties |
| Classification | Bureau Veritas |
| GMDSS | A2 |
| IMO no | 9758698 |
| Call sign | PCVK |
| 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 | 82 ton |
| GT | 172 |
| NT | 51 |

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 hydraulically driven |

ELECTRICAL EQUIPMENT

| | |
|------------------|--------------------------|
| Network | 24V DC, 400/230V 50Hz AC |
| 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 Fighting Equipment | Fixed Fire Extinguishing Installation |
| Fire Detection System | |
| Portable 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 |
| Main deck | Crew cabins, pantry and toilet |
| Air conditioning ventilation facilities | In the wheelhouse, pax area 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 |
| Broadband Satellite System | Starlink Flat High Performance Antenna |
| Wi/Fi | |
| Ecdis | 2 x Transas Navisailor 4000 |

DECK LAY-OUT

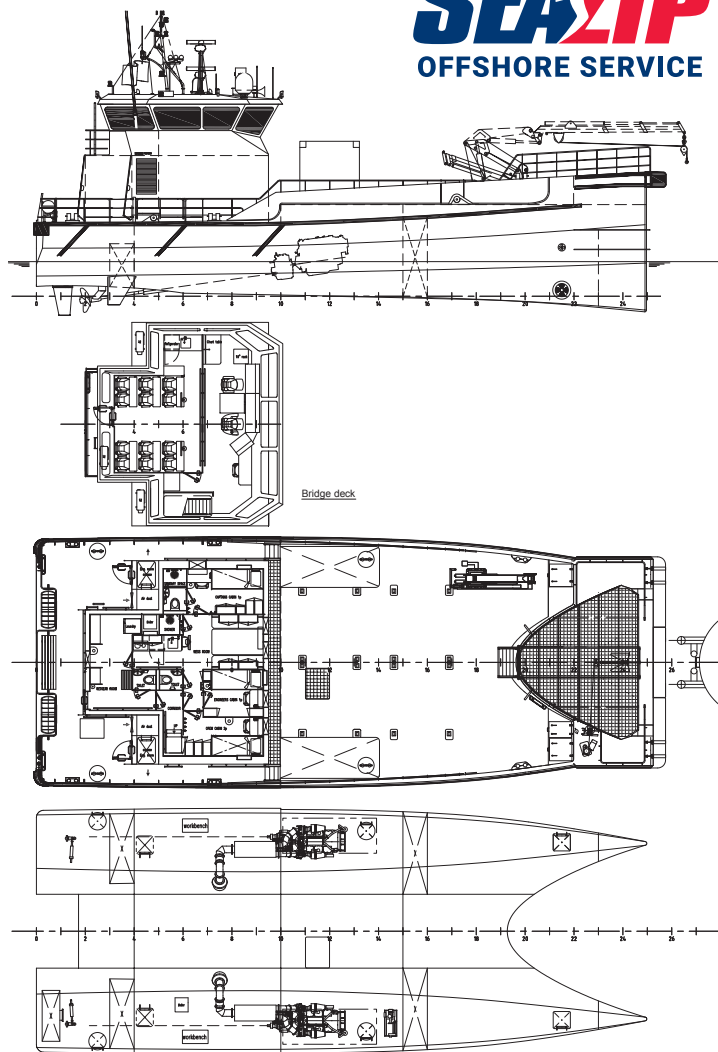
| | |
|-----------------------|--|
| Anchors | 1 x HPP pool, 150 kg |
| Fender | Seasight or bouyant works - project specific. |
| Deck crane | A hydraulically operated knuckle boom crane is mounted on the vessel in accordance with the General Arrangement Plan. SWL 2200 kg at 8.60 m. SWL based on harbour conditions |
| Deck space | 90.0 m ² |
| Deck cargo forward | 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 | 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. |

ADDITIONAL VESSEL MOTION MONITORING SYSTEM

Optional

SUSTAINABLE OPTION

| | |
|------|---------|
| Fuel | HVO 100 |
|------|---------|



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 |
| Economic | 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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