M.V. SeaZip 1 is a fast Twin Axe Bow catamaran for transport of personnel, equipment and parts to offshore windfarms, etc.

**GENERAL**
- **Hull**: Aluminum catamaran
- **Superstructure**: Aluminum
- **Basic functions**: Crew / cargo duties
- **Classification**: DNV-GL 100AS HSDE II Workboat(+) MC AUT
- **GMDSS**: A2
- **IMO no**: 9654830
- **Call sign**: PBDG
- **Year built**: 2012
- **Builder**: Damen Shipyards
- **Homeport**: Harlingen
- **Flag**: Dutch

**DIMENSIONS**
- **Length o.a.**: 25.75 m
- **Beam o.a.**: 10.40 m
- **Depth at sides**: 2.90 m
- **Draught max.**: 2.20 m

**TANK CAPACITIES**
- **Fuel oil**: 14.20 m³
- **Optional fuel oil**: 8.00 m³ (trim tank)
- **Fresh water**: 2.00 m³
- **Waste water**: 0.50 m³
- **Bilge**: 0.33 m³

**PERFORMANCE (TRIALS)**
- **Speed**: 25.0 kts
- **Max. range**: Up to 1200 nm
- **Light ship weight**: 72.8 tons
- **GT**: 147 tons
- **NT**: 44 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 44 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**: 16
- **Immersion suits**: 16
- **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.
- **Life rafts**: 2 x 16 persons
- **Fire extinguisher**: According to class

**ACCOMMODATION**
- **Crew**: 3
- **Transfer crew**: 12
- **Wheelhouse**: 2 motion damping seats
- **Main deck**: 12 motion damping seats, crew cabins, pantry and toilet
- **Air conditioning**: In the wheelhouse and the passenger accommodation

**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/HH**: 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
- **Night vision camera**: FLIR

Some of the items in this specification are optional. Specification and general arrangement can be changed without notice.
**DECK LAY-OUT**

**Anchors**
3 x, according to class

**Fender**
RG Seasight flat fender

**Deck crane**
A hydraulically operated knuckle boom crane is mounted on the vessel in accordance with the General Arrangement Plan. The crane is provided with a remote control.

SWL 2200 kg at 8.60 m.
SWL based on harbour conditions

**Deck space**
90.0 m²

**Deck cargo forward**
5.0 ton up to 15 ton

**Max. deck load**
1.5 ton/ m²

**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 pistol grip.

**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.

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**FUEL CONSUMPTION**

<table>
<thead>
<tr>
<th>Working schedule</th>
<th>Speed in kts</th>
<th>Consumption ltr/hour/12 pax</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum speed</td>
<td>25</td>
<td>425</td>
</tr>
<tr>
<td>Economic speed</td>
<td>12</td>
<td>127</td>
</tr>
<tr>
<td>Thrusting</td>
<td>0</td>
<td>113</td>
</tr>
<tr>
<td>Turbine transit</td>
<td>12</td>
<td>127</td>
</tr>
<tr>
<td>Standby/idling</td>
<td>0</td>
<td>36</td>
</tr>
<tr>
<td>At anchor</td>
<td>0</td>
<td>5.2</td>
</tr>
<tr>
<td>Reduced speed 85%</td>
<td>22</td>
<td>385</td>
</tr>
</tbody>
</table>

All numbers are verified but without guarantee.

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**ABOUT THE SHIP MANAGER**

The management of SeaZip ships is carried out by the JR Shipping Group, located in Harlingen, The Netherlands, an experienced and renowned ship owning 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