

SJ-02

Technical Specifications

General

- Flag Panama
- Class ABS
- Delivery 2023

Principal dimensions

- Length Overall 69.60m
- Breadth 40.40m
- Depth Main Deck 6.60m
- Design Draft 3.95m
- Gross Tonnage 8117t
- Net Tonnage 2435t
- Variable load 2000t
- No of leg/Length 4x92m
- Leg diameter 3.35m
- Max. Air Gap 30.0m
- Max. Operstion Depth 61.0m

Clear Deck Area

- Approx. 1065m²

Deck strength

- 5-7.5 t/m²

Cargo capacities

- Sewage Tank 559.80m³
- Fuel Oil 576.30m³
- Lube Oil 6.70m³
- PotableWater 444.50m³
- Ballast Water 722.30m³

Crane

- Main Crane (*HUISMAN*)
 - ▶ Main hook
300t @15m
90t @35m
 - ▶ Auxilliary hook
30t @53.50m
- Aux. Crane (*FAVCO*)
 - ▶ Main hook
50t @15m
25t @24m
 - ▶ Auxilliary hook
7t @10.1-44.0m
 - ▶ Personal Lifting
1.5t

Mooring System

- Mooring Winch
1xhydraulic 29T
Rated pulling force 290kN
@first layer
Rated speed 0-7m/min
@first layer
Holding load 2800kN
@first layer
Rope capacity 475m
Dia of the wire rope 72mm

Power Plant

- Main Generators (*MTU*)
4xMTU16V4000M33S
(1950kW/60HZ/AC690V/3Ph)
- Emergency Generators (*MTU*)
4xMTU12V2000P82
(520kW/60HZ/AC480V/3Ph)

Propulsion

- Azimuthing thruster (*Schottel*)
4x1500kW
- Speed
6 knots

DP System

- Kongsberg K-PDS DP2
1 x Fixing Joystick + 1 x Potable Joystick

DP Reference System

- 3xDGPS Receivers
- 3xGyro Compass
- 3xMotion Reference Units
- 3xAnemometer
- 1xLaser reference
- 3xCylindrical target

Accommodation

- Fully air-conditioned permanent accommodation for up to 200 persons in cabins all with individual bathroom facilities. Including conference room, offices, lounge, game room, prayer rm, gymnasium, coffee room, internet room, laundry room, as well as a hospital etc.
- **200 berths in 94 cabins**
 - ▶ 4x1 person cabins
 - ▶ 82x2 persons cabins
 - ▶ 8 x4 persons cabins

Radio/Communication

- MF/HF SSB with DCS
- VHF-FM Marine radio with DCS
- GMDSS Areas 1, 2 & 3
- EPIRB
- SART
- INMARSAT-C
- Two way VHF
- Public Address System

Lifesaving appliances

- **Lifeboats** 2 x100 persons
- **Liferafts** 8x25 persons
- **Rescue boats** 1 x100 persons

Helideck

- **Manufacture** HELIDEX
capable of handling the maximum landing load of Sikorsky S - 92/S61 N helicopter, complying with CAP 437 rules.
- **Max. "D"** 22.20m

Air Compressor

- **Service Air** 2x40 m³/h@30 bar
- **Starting Air** 1x900 m³/h@10 bar

Jacking System

- **Manufacture** SIT
- **Type** Rack and pinion
- **Drive** Hydraulic
- **Jacking speed** 1m/min for hull
1.5m/min for leg
- **Jacking capacity** 48x168MT/per
- **Normal lifting** 48x155.6MT/per
- **Holding capacity** 48x240MT/per
- **Storm holding cap** 48x315MT/per

Additional Data

- **Gangway**
2 x 15m, steel
- **Sewage Treatment Unit**
200P/day, biological.
- **Oily water separator**
2.5 m³/h@5 bar, 15ppm
- **Water maker**
2x60 m³/day
- **CCTV**
Type analog, 16 + 10sets