

S45

CARGO BARGE EQUIPPED FOR LARGE OFFSHORE STRUCTURES INSTALLATION

TECHNICAL SPECIFICATIONS

TYPE

- Flat bottom/Flat deck

FLAG

- Portugal

CLASSIFICATION

- R.I.Na.

DIMENSIONS

- 180 m x 42 m x 11.5 m

GROSS TONNAGE

- 24,256 t

FREE DECK AREA

- 6,500 m²

DECK CAPACITY

- 15 t/m²

OPERATIONAL FEATURES

- Primarily designed for loading out and transporting
- Two high-capacity pumping stations for rapid trim adjustment during operations
- Deck equipment includes heavy winches for mooring the barge as well as for handling deck cargoes

JACKET WEIGHT

- Up to 20,000 t monitored by remote tank level gauges

EQUIPMENT

- Ballast system: 4 E./pumps 1,000 m³/h. each
- Ballasting and deballasting of all tanks, operated from air-conditioned control room by means of remote controlled pumps and valves and monitored by remote tank level gauges
- Fire/bilge system: 2 E./pumps 60 m³/h. each
- Aux./emerg. system: 2 E./pumps 60 m³/h. each, submersible and portable type
- Electric power plant:
 - 2x 320 kw main diesel generators 380 V, 50 Hz
 - 1x 25 kw aux. diesel generator
- Air compressors: 2x 700 m³/h. main compressors at 7 bar

MOORING EQUIPMENT

- 1x hydraulic anchor winch - 10 t anchor
- 550 m of dia. 60 mm U3 chain
- 2x hydraulic mooring winches, 10 t each
- 2x 30 t capstans not connected to system
- Bridle chain of main towing line suitable for a tug pull of 250 t
- Emergency towing line suitable for a tug pull of 200 t on STBD side