



CLASSIFICATION

Class Notation: ✦ 100A1 submersible pontoon, max. operating depth 12.26 m to bottom of keel, deck strengthened for 9,275 tons / sqm.



MAIN DIMENSIONS

L.O.A.	122,450 m
Breadth	30,500 m
Depth	7,600 m
Draft Tropical	6,138 m
Draft Summer	6,014 m
Draft Light Ship	1,500 m
Deck Area	110 m x 30.5 m
Void Tank (aft)	992.7 m ³
Fresh Water Tank	53.1 m ³
Fuel Oil Day Tank (fwd)	53.1 m ³
Dead Weight	14,859 mt
Light Ship Weight	3,636 mt

EQUIPMENT

Ballast pump: Two (2) – 3,000 m³ / h, 250 kW, 950 rpm, electrical driven
Generator: Two (2) – 400 V, 383 kW, 1,500 rpm, Caterpillar, Type C18

OPTIONAL:

Tender assist
 ROV
 SAT Diving

DESCRIPTION

- Heavy lift and submersible ocean going deck cargo barge
- All bollards recessed
- The pontoon is divided into 15 water ballast tanks, each with two manholes, and pneumatic-electrical sounding system and remote controlled sea inlet valve
- The watertight engine and pump room is placed forward on main deck

NOMINAL DECK STRENGTH

In case of concentrated load applied at:

- The center of deck plate around 10 square inches, 15.0 tons.
- Deck trans, 70.0 tons
- Longitudinal Bhd., 50.0 tons

SUBMERSION & BALLASTING

Max. Submergence Depth: Above main deck Cabt. 5.5 m fwd. and abt. 10 m. aft

Pumping Capacity abt.: 6,000 t / h

Deck Outfit / Windlass /- FWD: 2 gypsies. 2 anchors @ 3,240 kgs.

Remote Controlled Ballast & De-ballasting System

2 – Hydraulic Anchor Winches with Wildcat / Drums psi.

