

DECK CARGO AND BALLAST TANK BARGE

250FT X 80FT X 16FT

1) Principal Dimensions

Length Overall	: 250 feet
Beam Molded	: 80 feet
Depth Molded	: 16 feet
Bow	: Swim End
Deck Loading	: 12T/M2

2) Classification : ABS

3) Scantling

Deck Plating	: 14.0mm
Side Plating	: 12.0mm
Bottom Plating	: 12.0mm
Bulkhead Plating	: 9.0mm
Longitudinal	: Deck - 9mm x 125mm x 75mm angle bar Bottom - 9mm x 125mm x 75mm angle bar Side - 9mm x 125mm x 75mm angle bar T. Bulkhead - 9mm x 125mm x 75mm angle bar
Longl. Bulkhead	: 2 length
Girder	: 6 lengths Deck - 9mm x 500mm + 100mm Btm - 9mm x 400mm + 100mm
Vertical Pillar	: Fitted with 6 nos. 200mm x 200mm H-beam from side shell to side shell.
Diagonal Pillar	: Fitted with 6 nos. 10mm x 150mm x 150mm angle bar from side shell to side shell.
Web Frame	: Deck - 9mm x 500mm + 100mm Btm - 9mm x 400mm + 100mm

4) Fittings

- a) One (1) set diesel engine driven steel winch c/w one (1) length 1000ft x 1½" dia wire rope and one (1) unit 3000kg anchor.
- b) Three (3) navigational light stands with navigational lights.
- c) Suitable number of aluminum anodes for three year protection.
- d) Suitable number of used tyre fenders with ½" dia. chain.
- e) Two (2) Skegs.
- f) Four (4) 100MT SWL Smit type towing pads. Two (2) at Fwd, Two (2) at Aft.
- g) Eight (8) double bollards.
- h) Eight (8) Mooring Rope of 10" cir. x 100ft
- i) Two (2) lengths of 5m x 44mm dia chaffing chain
- j) Two (2) lengths of wire bridle 23m x 44mm dia wire with both end thimbles.
- k) One (1) 100MT SWL Delta plate.
- l) Six (6) 25MT SWL Shackles.

- m) One (1) length Emergency towing wire 44mm dia. x 80m.
 - n) One (1) length Float line (PP rope) 12" cir. x 75m.
 - o) One (1) length of wire bridle 188ft x 44mm dia wire with both end thimbles.
 - p) One (1) length of 5m x 44m dia chaffing chain.
 - q) One (1) Norwegian Buoy.
 - r) Three (3) 35MT SWL Shackles.
 - s) Forty-Six sets of Deck Stanchions of 1.2m height using 610mm x 325mm H-Beam supported on 1 side by 12mm thick steel bracket. Twenty-Three sets on each side.
- 5) The Internal Tanks are coated with 2 Coats of Epoxy Paints.