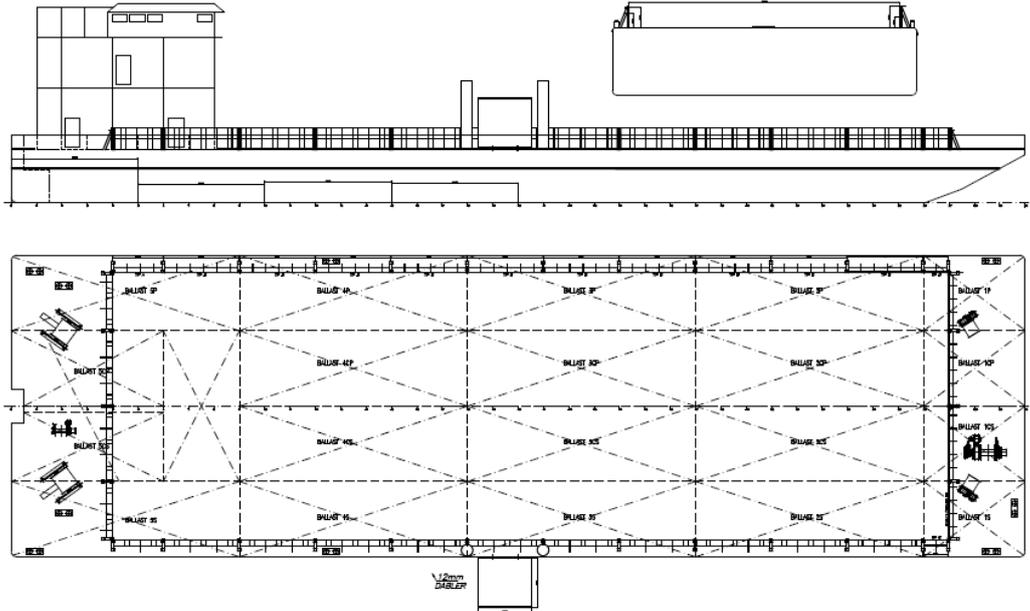


## “TRANSSERVICE BARGE”



### General Description :

- Loa: 91,44 meters
- Beam: 27,43 meters
- Depth: 6,095 meters
- Draft: 0,90 meter
- Laden Draft: 4,41 meters
- Cargo space: 2500 m<sup>2</sup>
- Deadweight: 8724.40

### Descripton

The barge is of the longitudinal-transversal heavy-scantling type which permits the carriage of considerable surface with very high pointloads.

The stern of the barge is square and without raked end in order to obtain the all important full-floatability for roll-on/roll-off operations.

The bow part runs throught bevel-plates right into the keelplate, providing shock-absorbing strenght required in high seas.

### Ballasting

The construction of the barge is such that 3 longitudinal and 4 transversal bulkheads provide 20 watertight compartments for use as balast tanks. The barge is equipped with one-man remote operated ballasting/deballasting system, with a pumping capacity of 900 m<sup>3</sup>/hour. The barge is also equipped with remote sounding system.

## Admissible Loads:

- 1- Deck surface over all: 10 t/m<sup>2</sup>
- 2- Point loads in the centre of each frame between longitudinal bulkheads: 50 tonnes
- 3- Point loads on the cross point of frames and bulkhead: 70 tonnes
- 4- Point loads on the cross points of longitudinal and transverse bulkheads: 20 tonnes

## Equipments:

1- Pontoon may be equipped with a Liebherr LR 1800 crawler crane or similar one.

2- Diesel driven ballast pumps: 2 x 450 m<sup>3</sup>/h.

3- Diesel driven generators:

- .... 1 X 175 kva, EMSA diesel supplying 380 V, 50 htz
- .1 X 136 kva, Teksan Daewoo , supplying 380 V, 50 htz
- .1 X 40 kva, perkins diesel

4- 2 Hydraulic power packs each 100 hp

hydraulic mooring winches : 4 units: 2 x 30 tons, 2 x 20 tons.

5- Electrical mooring winches aft and frwd: 11,3 kw, 18,3 kw

6- 1 Anchor winch, pulls 10 tons at 15 m/min. on the upperlayer of the drum. The winch driven from one of the diesel engines of the pump sets by means of a chain drive.

7- Two stern anchors 5.600 kg with anchorwire 38 mm diameter 2 x 400 meter is aft side, 2 x 400 meter is fore side.

8- 1 Sewage pump, 2,2 kw.

9- 1 Bilge pump, 1,5 kw.

10- 1 Fuel pump, 1,5 kw.

11- 12 Double bollards dia.300mm on sb-p side for 30 tons pull.

12- 3 Mooring ropes 57 mm. dia, 220 m. Long.

13- Fairleads installed on starboard-port side to facilitate mooring to the quay.

14- 1 Complete set of navigation lanterns consisting of:

- . 1 Port light
- . 1 Starboard light
- . 1 Stern light
- . 2 Anchor lights

15- 1 Set shapes: 2 balls and 1 diamond.

16- 7 Life jackets.

17- 5 Lifebuoys, 3 with lights and 2 with lines.

18- 1 Powder fire extinguishers, 6 kg.

19- 8 CO<sub>2</sub> fire extinguishers, 5 kg.

20- 3 Foam fire extinguishers, 9 lt.