

Particulars Giant 2, 3 & 4

Classification Society

Lloyds Register of Shipping, Class + 100A1 Pontoon.

Dimensions

Length extreme	140.000 m
Breadth extreme	36.044 m
Depth extreme	8.542 m
Summer draft extreme	6.682 m
Light draft	1.387 m
Length moulded	139.970 m
Breadth moulded	36.000 m
Depth moulded	8.500 m
Deck area 120 x 36 m	4.320 m ²
Deadweight summer draft	24.000 ton
Lightweight	5.408 ton

Anchor Winch

The winch is equipped with two wire drums. Capacity each drum 350 m of 48 mm anchor wire and one warping head.

Brake holding 100 ton.

Winch by Setozaki Iron Works.

Each wire drum has a brake and a clutch which is hydraulically operated.

A spooling device is provided.

Duties: High range

15 ton	x	13	m/min
10 ton	x	20	m/min
3.5 ton	x	36	m/min

Low range

30 ton	x	6.5	m/min
20 ton	x	10	m/min
11 ton	x	18	m/min

Anchor equipment

Two stockless type anchors complete with 4 m of chain and shackle, each weighing 5259 kg, built by Baltd. Both stowed in anchor recess forward and attached to 350 m of 48 mm anchor wire stowed on winch drum.

Ventilation

Mechanical supply PS and SB to engine room, natural exhaust through access hatch in PS and SB funnel.

Main towing bridle

Two 23 m x 70 mm. U3 stud chain link, one delta plate.

Emergency towing bridle

Two 23 m x 70 mm. U3 stud chain link, one shackle.

Recovery equipment

One 50 m x 28 mm recovery wire attached to shackle of main towing bridle.

Watertight manholes

Manholes on maindeck have a clear opening of 500 mm diam. and are flush fitting. Each tank fitted with sounding cap in way of manhole.

Mast and navigation light posts

Signal mast mounted on top of controlroom.

Navigation lights fitted SB, PS and stern.

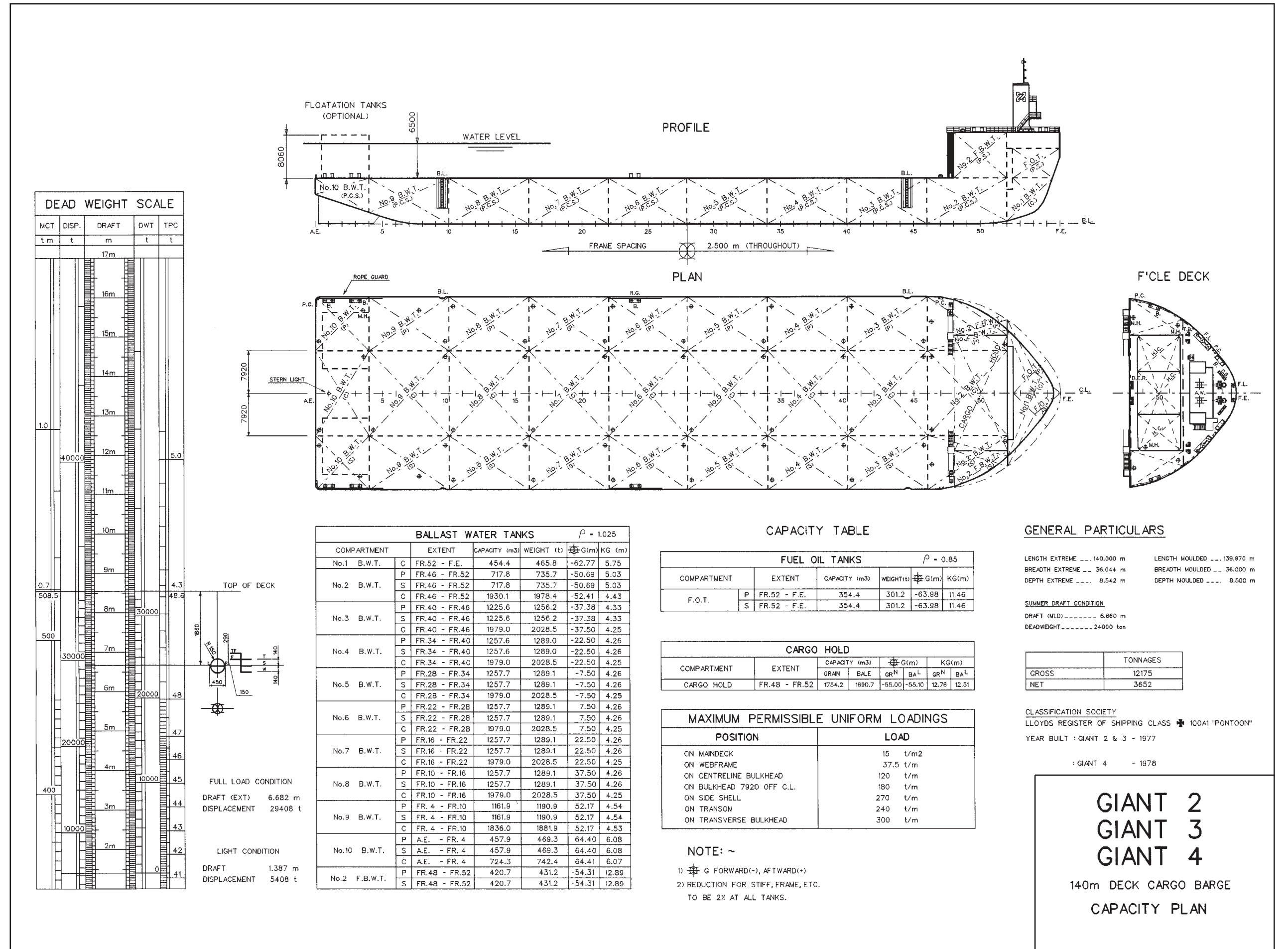
Main generator

Engine:

Detroit Diesel, type 4-71, four cylinders, water cooled diesel engine, rated at 130 bhp when running at 1.800 r.p.m.

Alternator:

Denyosha, Marine, drip-proof with rated output of 95 kw at 0,8 power factor, 450 volts, 3 phase, 60 cycles per second when running at a speed of 1.800 r.p.m.



Emergency generator

- ◆ **Engine:**
Yanmar Diesel, type 2TL, two cylinders, water cooled diesel engine, rated at 18 bhp when running at 1.800 r.p.m.
- ◆ **Alternator:**
Denyosha, Marine, drip-proof with rated output of 10 kVA, 220 volts, 3 phase, 60 cycles per second when running at a speed of 1800 r.p.m.

Aircompressors for deballasting

- ◆ **Engine:**
Volvo Penta, type D. 70.BK, six cylinders, water cooled diesel engine, rated at 92 bhp when running at 1.800 r.p.m. Totally three engines installed.
- ◆ **Compressor:**
Rotary type compressor, manufactured by Gutehoffnungshütte connected to each engine.
- ◆ **Capacity:**
1.000 m³/FAD
Maximum back pressure 3,5 bar.
Each tank is separately connected to the air system mainlines.
All ballast- and airvalves remotely controlled from controlroom.

Pumps

- ◆ **Hydraulic pumps:**
One pump unit assembly installed, comprising of two electric motors and two hydraulic pumps for operating anchorwinch.
- ◆ **Hydraulic unit:**
One hydraulic power unit installed for operating bottom- and air valves.
- ◆ **Draft gauge system:**
One Meij Air compressor installed for operating air purge type draught gauges, make Nakakita, which are located in the controlroom.
- ◆ **Fuel oil transfer pump:**
One electrically driven horizontal screw type, fuel oil transfer pump, capacity 43 m³/h.

All details provided in this brochure are believed to be correct, but not guaranteed.



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GIANT OCEAN-GOING DECK BARGES

Semi - submersible