



LEAD Manta Cargo Deck Barge



PONTOON

Registration Number Registry & Classification Dimensions Draught max Deadweight max Admissible deck load Typical applications

CAPACITIES

Deck load Compartments Cargo tanks

F.O. CARGO SYSTEM

Cargo pump Fuel type Capacity Power Pump station 142310508 Belize/Panama L45m (145') x W12m (39') x H2.5m (8') 1.87m 655 Ton 12mT/m² Fuel cargo and deck cargo

12 ton/m² 14 pcs 3 x 100 m3 3 x 80 m3

Bornemann twin screw pump HFO, max 3000 cSt 50 m3/h, max 8 barg 22 kW / 400 V – 50 Hz A steel casing with hinged hatch and 3 toggles at the stern for covering the cargo manifold and pump

DESIGN CONDITIONS

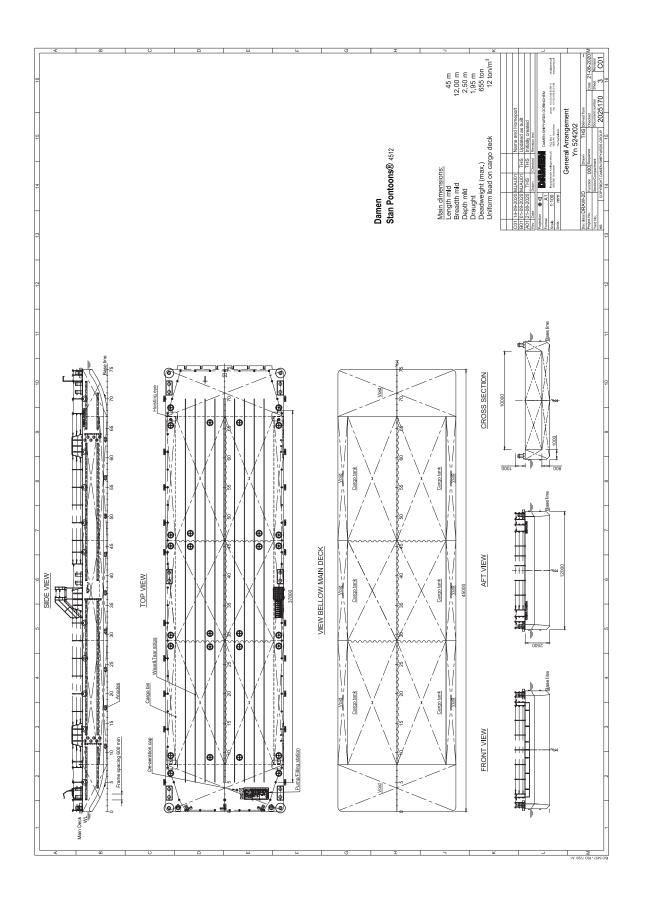
Sea water temperature Outside air temperature 0° to +35° C -5° to +45° C



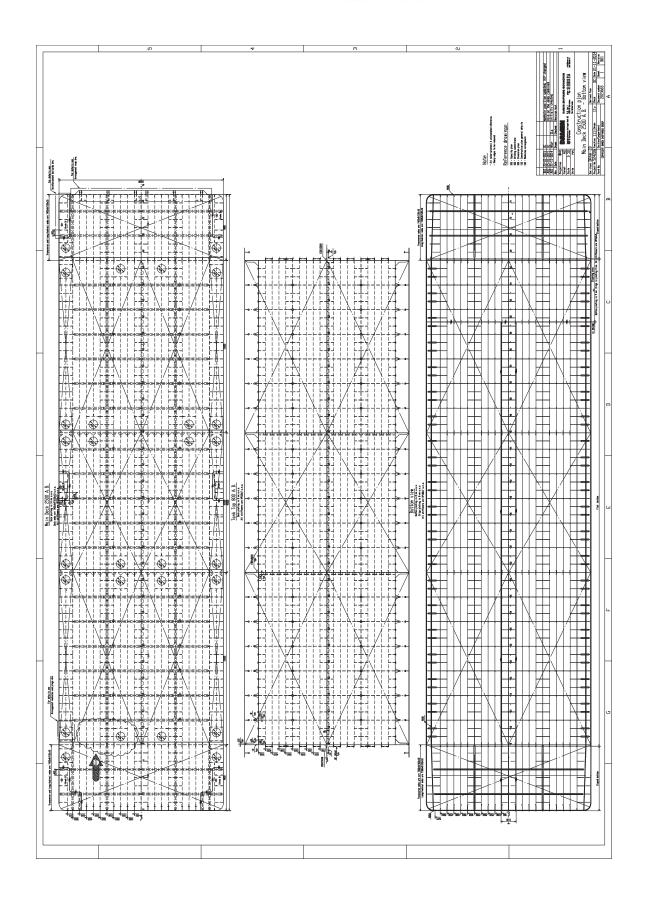
STANDARD EXECUTION

Bollards	6 double bollards
Mooring	Four mooring ropes are provided
Towing	Two towing brackets are provided
Draught marks	At fore, midship and aft on PS and SB every 20 cm
Boarding ladders	2 on SB and 2 on PS in recesses of the hull
Cathodic protection	Zinc anodes on underwater parts of the hull
Manholes	Flush bolted manholes
Fendering	On each corner a tyre fender on a pillar
Lifting eyes F.O. Cargo system Overflow alarm Bilge pump set	On each side 10 tyre fenders Four lifting eyes on main deck F.O. Cargo system with Cargo Pump and manifold An 80% pre-alarm and 97% high level alarm is provided An electrical driven submersible bilge pump with hose
De-aeration	Allong godt al side a contract of a laboration of the PS aft cargo tank which is executed with an alarm tank
Shore connection	A shore connection box is provided with pump start / stop and high level alarm buzzer

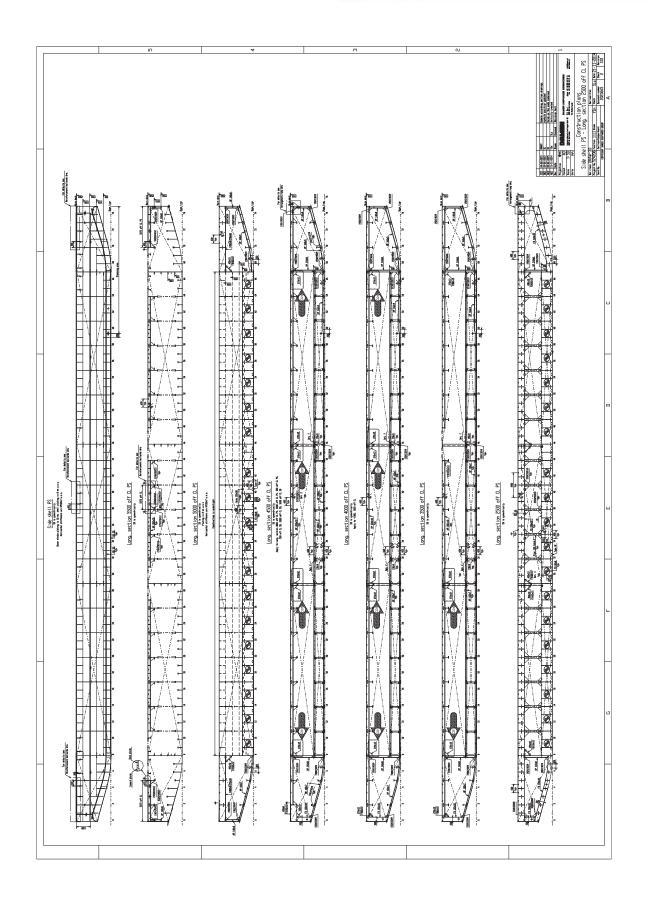












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