



MARNEX
CONSULTANCY & BROKERAGE



**LEAD Manta Cargo
Deck Barge**



MARNEX
CONSULTANCY & BROKERAGE

PONTOON

Registration Number	142310508
Registry & Classification	Belize/Panama
Dimensions	L45m (145') x W12m (39') x H2.5m (8')
Draught max	1.87m
Deadweight max	655 Ton
Admissible deck load	12mT/m ²
Typical applications	Fuel cargo and deck cargo

CAPACITIES

Deck load	12 ton/m ²
Compartments	14 pcs
Cargo tanks	3 x 100 m ³
	3 x 80 m ³

F.O. CARGO SYSTEM

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

DESIGN CONDITIONS

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



MARNEX
CONSULTANCY & BROKERAGE

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
	On each side 10 tyre fenders
Lifting eyes	Four lifting eyes on main deck
F.O. Cargo system	F.O. Cargo system with Cargo Pump and manifold
Overflow alarm	An 80% pre-alarm and 97% high level alarm is provided
Bilge pump set	An electrical driven submersible bilge pump with hose
De-aeration	One central de-aeration pipe connecting all tanks to 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





