

The Tobias is a heavily constructed modern flat deck project barge. It has an intergrated ballast system and is capable of ballasting to her LL depth. A reliable and versatile unit, the Tobias serves the Project / Transportation fleet.

At McKeil Marine we approach each cargo movement and every service with the promise to deliver innovative marine solutions.

Since 1956 we've pushed the boundaries, becoming one of the foremost marine service providers in Canada. Customizable transportation and project solutions including marine transportation, marine construction, project cargo, salvage, towing and ship assist are available throughout the Great Lakes, St. Lawrence Seaway, East Coast and the Canadian Arctic.

MAIN PARTICULARS

Length O.A.	393'	120 m
Breadth O.A.	105' 7"	32 m
Moulded Depth	26' 7"	8.10 m
Light Draft	3' 4"	1.00 m
Loaded Draft	20' 0"	6.10 m
Gross Tonnage	8,870 t	
Net Tonnage	2,661 t	
Official Number	837358	
Classification	Lloyd's Register	
Notation	100 AT, Pontoon IWS	
Flag	Canada	
Year Built	2012	

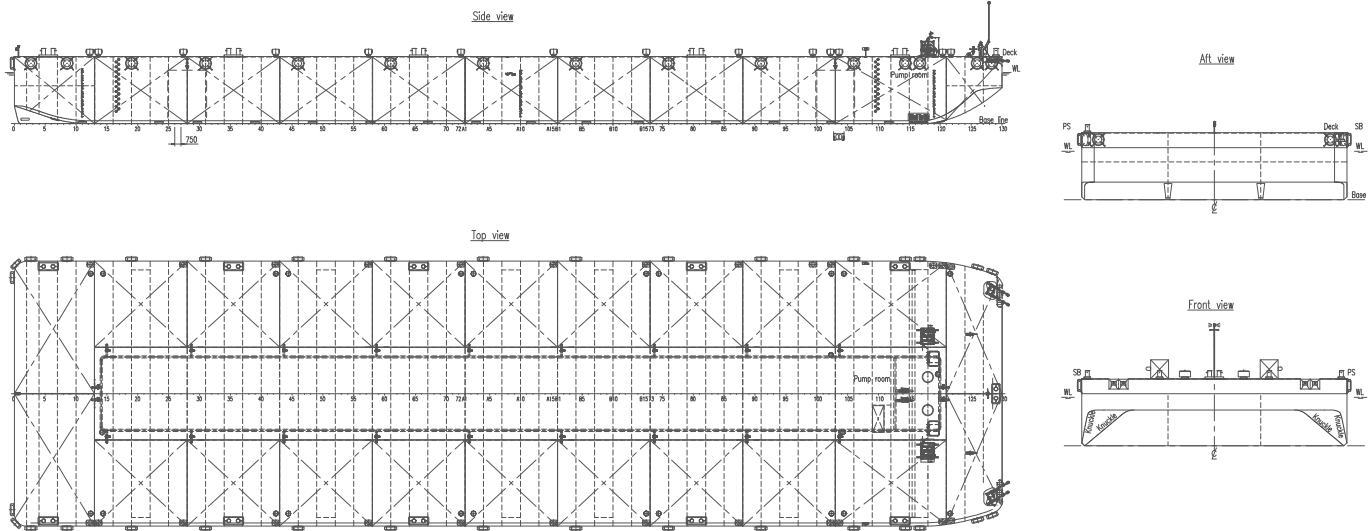
HYDROSTATIC CHART

DWT (M/T)	DRAFT (M)	DRAFT (FEET)	DISPL (M/T,S.W.)
		21	
		20	24000
20000	6.0		LOADED DRAFT
		19	
18000	5.5	18	22000
		17	
16000	5.0	16	20000
		15	
14000	4.5	14	18000
		13	
12000	4.0	12	16000
		11	
10000	3.5	10	14000
		9	
8000	3.0	8	12000
		7	
6000	2.5	6	10000
		5	

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CAPACITIES

Deck Load	20 ton/m ²
Ballast Tanks	22 pcs. : 21.010 m ³
Deck Thickness	20 mm extra heavy deck

BALLAST SYSTEM

Ballast Pipes and Valves	DN 250
Valve Operation	Manually operated from void space.
De-Aeration	Removable caps, mounted on flanges. Flush deck when caps are removed.
Sounding	By means of opening of the manholes

EQUIPMENT DETAILS

Towing Brackets	Two on PS and two on SB, in recess at fore deck covered with steel gratings
Fair Leads	At the foreside of the towing brackets fairleads are integrated in the construction
Bollards	11 pcs.
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 part of the hull
Manholes	Flush single point closing manholes
Pump Room Entrance	Flush single point opening / closing type
Anti Slip	Anti-slip painting all around at sides, rear and peak
Ballast Pump	Two 400 m ³ /h ballast pumps
Generator Set	CAT C4.4 generator set
Lighting	Lighting in pump room and center void
Winches	2 Anchors / Mooring winches
Anchors	2 Anchors and wires
Fendering	Air plane tires (1100 mm)
Navigation Lighting	Navigation lights according to international towage regulations
Paint System	Intergard 269/5600/740