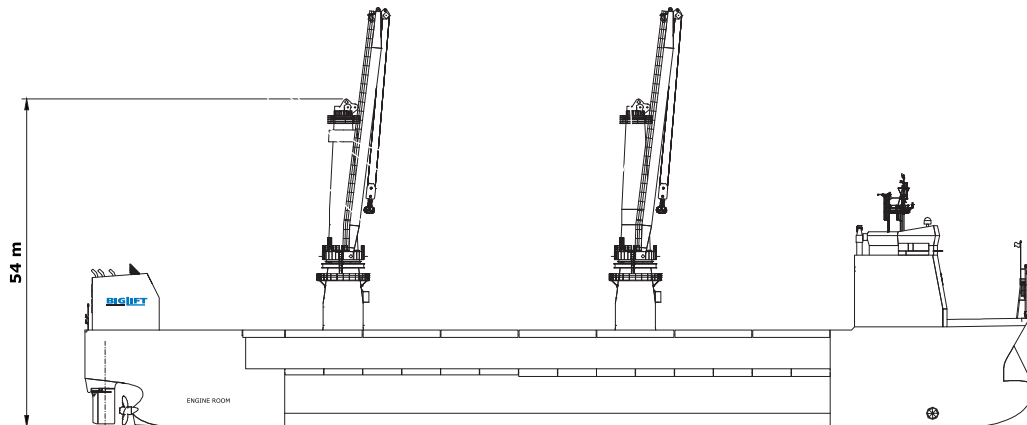
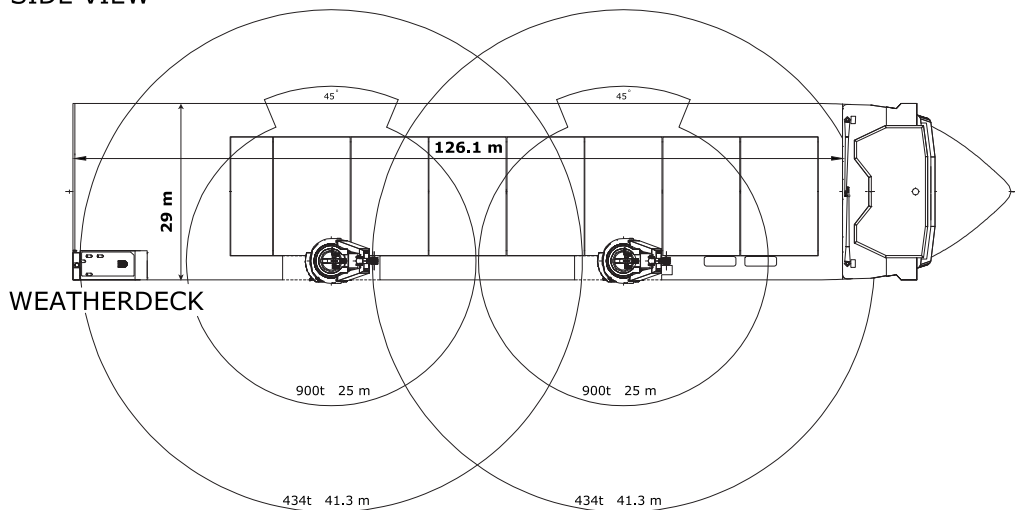


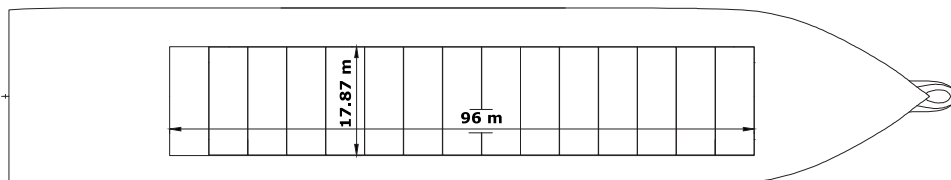
HAPPY STAR



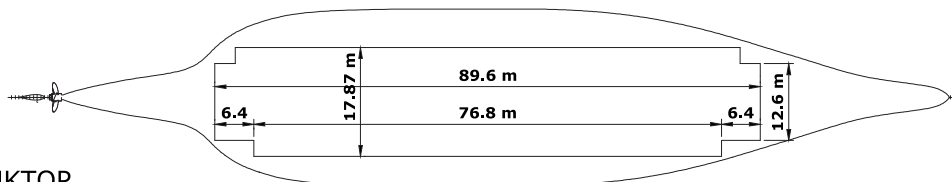
SIDE VIEW



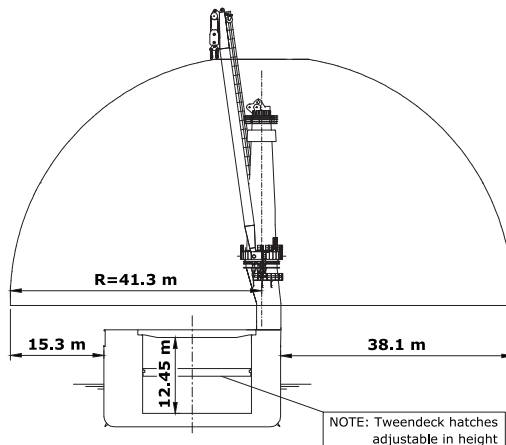
WEATHERDECK



TWEENDECK



TANKTOP



CROSS SECTION

HAPPY STAR

CLASS		LRS ⚡100 A1, Ice class 1A (Finnish) strengthened for heavy cargoes		
Principal Dimensions	Length overall	155.97	m	
	Length p.p.	147.60	m	
	Breadth moulded	29.00	m	
	Scantling draft	9.50	m	
	Draft "open sailing"	7.50	m	
Deadweight	Scantling	18,374	mton	inc. tween deck hatch covers
Capacity	Grain = bale	20,535	m ³	if tween deck installed, 18,677 m ³
Floor space	Weather deck	3,280	m ²	
	Tween deck	1,716	m ²	
	Tank top	1,624	m ²	
Hatch openings	Weather deck	96.0 x 17.87	m	sailing with open hatches possible
	Tween deck	89.6 x 17.87	m	
Heights	Heights adjustable in steps of 50 cm	12.50	m	with no tween deck
	Minimum height	2.60	m	maximum 8.100 m
Allowable loads	Weather deck	15.0	t/m ²	
	Tween deck hatch covers	15.0	t/m ²	
	Tank top	20.0	t/m ²	
Cranes	Combinable	1800	mt	SWL
	Situated on starboard side	2 x 900	mt	SWL
	Fitted with trolley	37.5	mt	SWL
Main engine	Wärtsilä 8L46	8775	kW	
	Bowthruster	1000	kW	
	Speed	16	kn	

HAPPY STAR

Happy Star Amsterdam The Netherlands 2014

These particulars are believed to be correct, but without guarantee, and they must not be used as basis for Charter Parties or contracts without Owners' explicit written authority.



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