

TRA-TYPE

LIFTING HEAVY
CARGO FOR
WORLDWIDE
TRANSPORT



GIANT
MARINE

BIG LIFT

TRA-TYPE

TRAMPER, TRACER, TRANSPORTER, TRAVELLER

HATCH OPENINGS AND ALLOWABLE LOADS

HATCH OPENINGS

weather deck	64.4 x 15.3 m
tween deck	64.4 x 15.3 m

ALLOWABLE LOADS

weather deck hatch covers	3.0 t/m ²
tween deck hatch covers	3.0 t/m ²
tank top	15.0 t/m ²

FLOOR SPACE

weather deck	1,330 m ²
tween deck	974 m ²
tank top	850 m ²

CRANES

2 x 275 mt SWL

COMBINABLE
500 mt

TROLLEY
6 mt SWL

PRINCIPAL DIMENSIONS

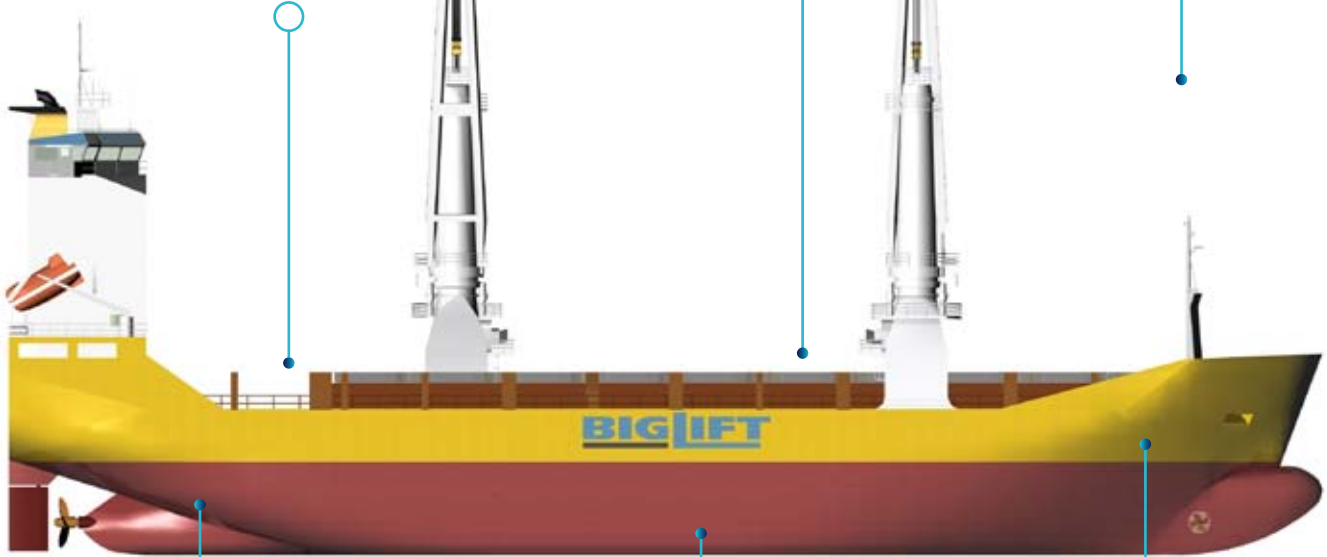
Length overall	100.50 m
Length p.p.	96.50 m
Breadth moulded	20.40 m
Summer draft	8.20 m

REGISTRATION

The Netherlands

CLASS

BV 1 3/3 E, Ice Class 1C, strengthened for heavy cargoes E0, W1-0C, Grain, LCS (SIG), DG-P, DG-B, Great lakes fitted



MAIN ENGINE

Wärtsilä	7800 kW
Bowthruster	500 kW
Speed	16.0 kn

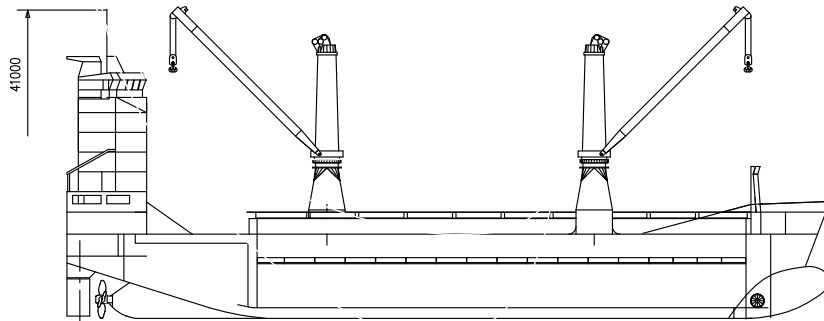
CAPACITY

Grain	10,530 m ³
Bale	9,720 m ³

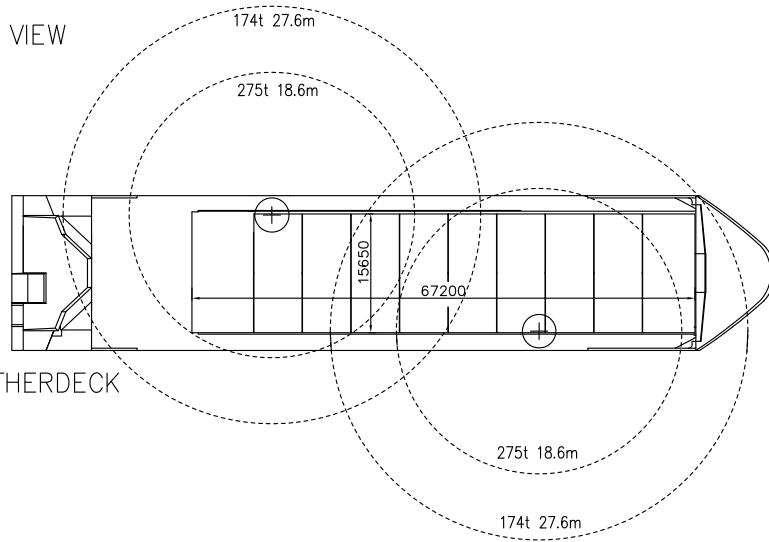
DEADWEIGHT

At Summer (Sea water) draft
8,600 mton inc. tween deck hatch covers, pillars

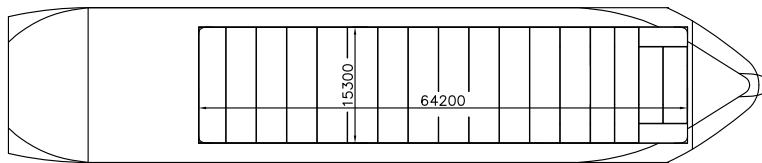
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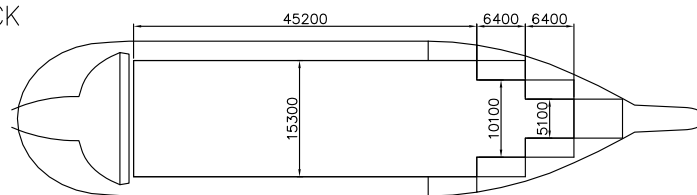
SIDE VIEW



WEATHERDECK

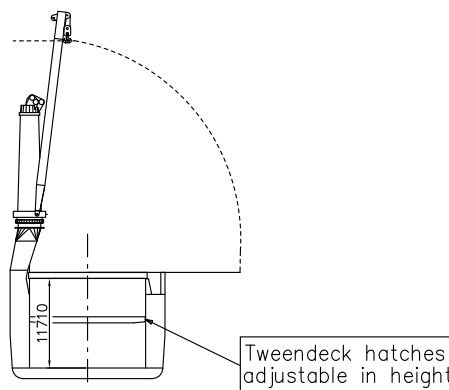


TWEENDECK



TANKTOP

CROSS SECTION



Vessel TC description - m.v. TRANSPORTER

General				
type of vessel	General cargo ship; container ship; Deep sea heavy cargo			
class	BV HULL MACH AUT-UMS SYS-NEQ-1 , general cargo ship, container ship, unrestricted navigation, heavy cargo (15 t/m2 on tanktop), MON-SHAFT, grabloading, Ice Class 1C, Great Lakes fitted			
built	1999			
flag	Dutch			
port of registry	Amsterdam			
owner	Rederij Transporter, Amsterdam			
P&I club	The Standard			
official number	10348 Z A 2004			
IMO no.	9204714			
MMSI	245981000			
call sign	P H A L			
satellite number	telex	324598113		
	Sat-C tlx	424598110		
	phone	+870 3245 98110 / 4 / 5		
	fax	+870 3245 98111		
	mobile	+31 6 5110 9366		
	e-mail	phal@globeemail.com		
	mini V.sat	+31 20 890 5576		
Tonnage	<u>International</u>	<u>Panama</u>	<u>Suez</u>	
GT	6,714	23,362 cbm	6,669.9	
NT	2,888	pc/ums 6,109	4,888.3	
Measurements				
Length overall	100.5	m		
Length between perpendiculars	96.52	m		
Breadth moulded	20.40	m		
Depth moulded	11.09	m		
Width overall (inc. fenders)	20.70	m		
Draft max. Summer (salt)	8.20	m		
Deadweight Summer (salt)	abt 8,600.0	mton		
Airdraft over keel	41.80	m (cranes down)		
Immersion (salt) mton / cm	at 5 m draft: 15.83	m		
	at 6 m draft: 16.85	m		
	at 7 m draft: 17.70	m		
	at 8 m draft: 18.53	m		



<p>Floor space weather deck tween deck lower hold</p> <p>cargo capacity:</p>	<p>1,025.0 m² (on hatch covers only) 952.0 m² (exc. water chests) 786.0 m² (exc. water chests) abt. 6800 mton basis 98% bunkers + all ballast tanks dry!</p>												
<p>Hatches 1 hold</p> <p>hatch opening to tweendeck hatch opening to lower hold</p> <p>hold heights</p> <p>total hold height</p> <p>Deck strength upper deck hatch covers tween deck hatch covers tank top</p>	<p>10 upperdeck hatch covers 17 tweendeck hatch covers pontoon / lift away</p> <p>64.40 x 15.25 64.40 x 15.25 (partly 10.07/partly 5.10)</p> <p>most t.d. hatch covers can be positioned in 2 different heights</p> <table border="0" data-bbox="738 835 1344 982"> <tr> <td></td> <td style="text-align: center;">lower hold</td> <td style="text-align: center;">tween deck</td> </tr> <tr> <td></td> <td style="text-align: center;">height</td> <td style="text-align: center;">height</td> </tr> <tr> <td>low position</td> <td style="text-align: center;">5.93 m</td> <td style="text-align: center;">5.10 m</td> </tr> <tr> <td>high position</td> <td style="text-align: center;">8.03 m</td> <td style="text-align: center;">3.00 m</td> </tr> </table> <p>11.75 m (t/decks not installed)</p> <p>3.0 mton/m² 3.0 mton/m² 15.0 mton/m² (less on water chest)</p>		lower hold	tween deck		height	height	low position	5.93 m	5.10 m	high position	8.03 m	3.00 m
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<p>Cargo facilities Cranes position</p> <p>each crane (from centre line crane) (basis 0 degrees list)</p> <p>cranes working in tandem:</p> <p>both cranes are equipped with an auxiliary hoist</p>	<p>forward crane on starboard, aft crane on port side</p> <p>275 mton SWL at 5.44 - 18.62 m radius decreasing to resp. 250 mton SWL upto 20.59 m radius 200 mton SWL upto 25.15 m radius 174 mton SWL upto 27.44 m radius about 500 mt lifting capacity, subject to cargo details.</p> <p>6 mton SWL</p>												
<p>Lifting beams capacity / own length</p>	<p>1 x 500.0 mton SWL / 15.0 m 1 x 275.0 mton SWL / 12.0 m</p>												



Mechanical details mechanical ventilation CO ₂ power supply reefer plugs	30 air changes per hour (empty hold) yes 440 volts, 60 Hz upto 900 kW (24 sockets in aft bulkhead PS/BB)																														
Tank capacities ballast water HFO, inc. service, settling, overflow, drain tanks MGO, inc. service, settling, storage tanks Lub oil, inc. thermal oil, main & aux. Fresh water Misc. tanks (sewage, sludge, waste oil, etc.)	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"></td> <td style="text-align: right;">2,879.40 cbm*</td> </tr> <tr> <td></td> <td style="text-align: right;">900.30 cbm</td> </tr> <tr> <td></td> <td style="text-align: right;">113.60 cbm</td> </tr> <tr> <td></td> <td style="text-align: right;">76.90 cbm</td> </tr> <tr> <td></td> <td style="text-align: right;">225.29 cbm</td> </tr> <tr> <td></td> <td style="text-align: right;">60.76 cbm</td> </tr> </table> <p>* aft peak port side, presently in use as freshwater tank. May also be used as ballast tank, adding 170.2 cbm to ballast capacity.</p>		2,879.40 cbm*		900.30 cbm		113.60 cbm		76.90 cbm		225.29 cbm		60.76 cbm																		
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Speed/Consumption Speed through water with fuel consumption (inc. shaft generators) basis HFO 380 cst RMG 35; wind not exceeding 2 beaufort; calm smooth sea without current, deep water:																															
Speed/Fuel consumption in mts (even keel, draft 7.00 m) In port:	abt. 14.5 knots at abt. 20 ton/day abt. 16.0 knots at abt. 28 ton/day abt. 2.5 ton MGO-DMA per day, cargo gear working abt. 1.0 ton MGO-DMA per day, cargo gear idle																														
Engine type bow thruster capacity ballast pumps, capacity	Wärtsilä Type 8L 46B 7800 kW, 500 rpm 500 kW 2 at 250 m ³ per hour																														
Cargo space grain bale gearless container capacity deck (TEU: basis 10t/teu) hold (FEU: basis 20t/teu)	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 10%; text-align: right;">10,530.0</td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: right;">cbm</td> <td style="width: 50%;">(tweendeck not installed)</td> </tr> <tr> <td></td> <td style="text-align: right;">9,720</td> <td></td> <td style="text-align: right;">cbm</td> <td>(tweendecks installed)</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;"><u>TEU</u></td> <td style="text-align: center;"><u>FEU</u></td> <td></td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">176</td> <td style="text-align: right;">43</td> <td></td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;"><u>195</u></td> <td style="text-align: right;"><u>82</u></td> <td style="text-align: right;">+ 8 TEUs à 20 mton</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;"><u>371</u></td> <td style="text-align: right;"><u>125</u></td> <td></td> </tr> </table>		10,530.0		cbm	(tweendeck not installed)		9,720		cbm	(tweendecks installed)			<u>TEU</u>	<u>FEU</u>				176	43				<u>195</u>	<u>82</u>	+ 8 TEUs à 20 mton			<u>371</u>	<u>125</u>	
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stackloads	deck	60	80	mtons
	hatches	50	65	mtons
	lower hold	100	128	mtons
Remarks:		heights upto 8'6"; in holds 9'6"		
Vessel is fully equipped				
Vessel is partly self-sustained.				

All details are approximate and without guarantee. They must not be used as basis for charter parties or contracts without owner's explicit written authority.

GIANT MARINE, General Agents for BigLift Shipping B.V

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