

HAPPY D-TYPE

LIFTING HEAVY
CARGO FOR
WORLDWIDE
TRANSPORT



BIG LIFT

**GIANT
MARINE**

**SAFE
SAILINGS**

HAPPY D-TYPE

HAPPY DELTA, HAPPY DIAMOND, HAPPY DOVER, HAPPY DRAGON, HAPPY DYNAMIC

HATCH OPENINGS AND ALLOWABLE LOADS

HATCH OPENINGS

Weather deck	hold 1	25.6 x 18.3 m
	hold 2	70.4 x 18.3 m
Tween deck	hold 1	25.6 x 17.8 m
	hold 2	63.9 x 17.8 m

ALLOWABLE LOADS

Weather deck hatch covers	3.6 t/m ²
Tween deck hatch covers	5.5 t/m ²
Tank top	20.0 t/m ²

FLOOR SPACE

Weather deck	2,560 m ²	
Tween deck	hold 1	456 m ²
	hold 2	1,253 m ²
Tank top	hold 1	398 m ²
	hold 2	1,090 m ²

CRANES

2 x 400 mt + 1 x 120 mt

COMBINABLE

800 mt

AUXILIARY HOIST

50 mt SWL

PRINCIPAL DIMENSIONS

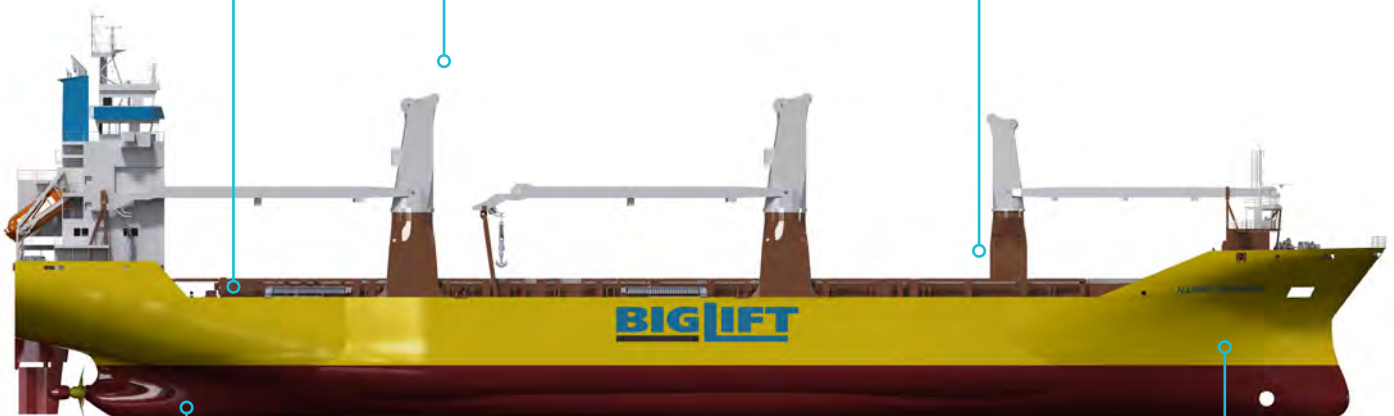
Length overall	156.93 m
Breadth moulded	25.60 m
Breadth extreme	25.72 m
Height in hold	13.35 m
Summer draft	10.32 m

REGISTRATION

The Netherlands

CLASS

Lloyds Register X100A1, Iceclass 1A (Finnish-Swedish ice class rules), Strengthened for heavy cargoes, LA, LI, NAV1, *IWS, XLMC, UMS, with descriptive notes: PCWBT, BWMP, SCM



MAIN ENGINE

Wärtsilä	8400 kW
Bowthruster	850 kW
Service speed	17 kn at draft 7 m

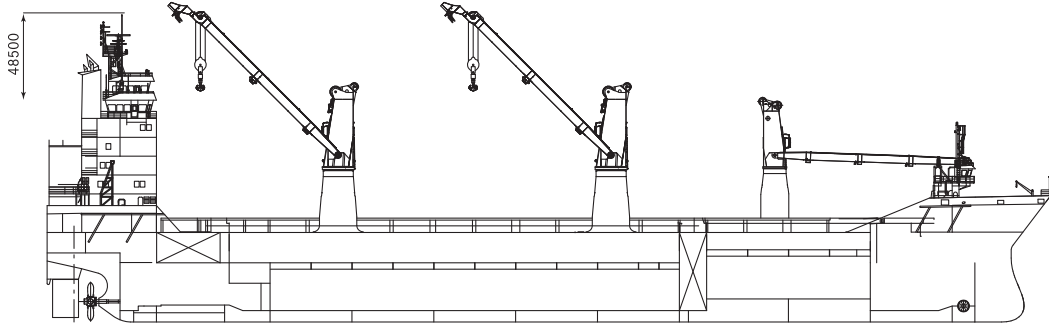
CAPACITY

Grain = bale	20,892 m ³
If tween deck installed	19,192 m ³

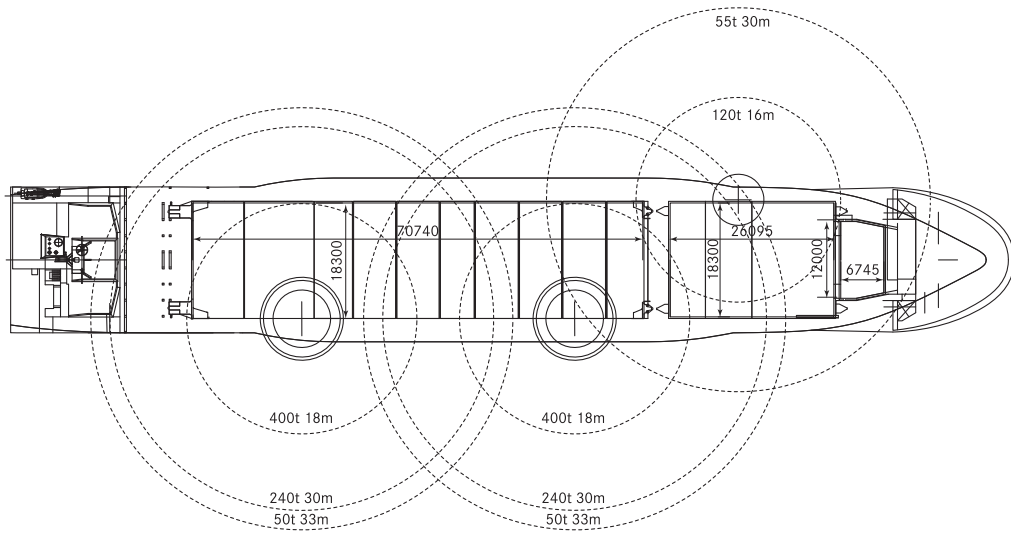
DEADWEIGHT

At Summer (sea water) draft
17,518 mton inc. tween deck hatch covers, pillars

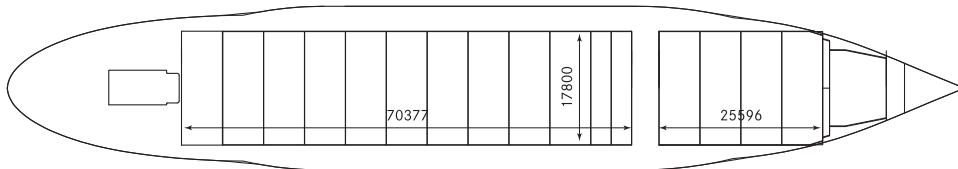
HAPPY D-TYPE



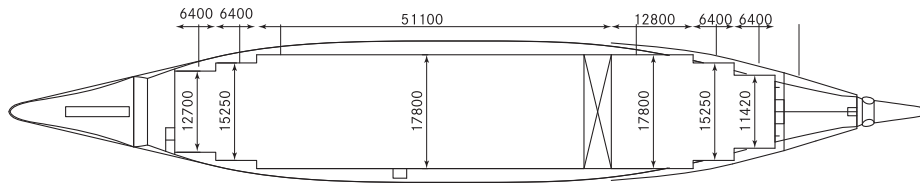
Side View



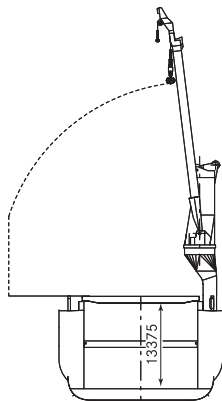
Weatherdeck



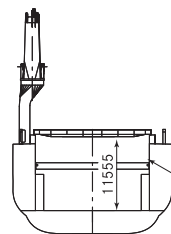
Tweendeck



Tanktop



CROSS SECTION HOLD 2



CROSS SECTION HOLD 1

Tween deck hatches adjustable in height

Cross section



HAPPY D-TYPE

Class	LRS ✕100 A1, Ice class 1A (Finnish/Swedish) Strengthened for heavy cargoes LA, LI, NAV1, *IWS, XLMC, UMS		
Principal Dimensions	Length overall	156.93	m
	Length p.p.	147.75	m
	Breadth moulded	25.60	m
	Breadth extreme	25.72	m
	Summer draft	10.32	m
Deadweight	Summer (sea water)	17,518	mton
Tonnage		International	Panama
	GT	14,784	-
	NT	6,070	13,002
Capacity	Grain = bale	20,892	m ³ if tween deck installed, 19,192 m ³
Floor space	Weather deck	2,560	m ²
	Tween deck	Hold 1	456 m ²
		Hold 2	1,253 m ²
	Tank top	Hold 1	398 m ²
		Hold 2	1,090 m ²
Hatch openings	Weather deck	Hold 1	25.6 x 18.3 m
		Hold 2	70.4 x 18.3 m
	Tween deck	Hold 1	25.6 x 17.8 m
		Hold 2	63.9 x 17.8 m
Heights	Tween deck	Hold 1	3.95 m
		Hold 2	3 heights
	Lower hold	Hold 1	6.48 m
		Hold 2	3 heights
	Total in hold		13.35 m
			9.00, 5.79 or 2.65 m
			3.27, 6.48 or 9.62 m (tween decks not installed)
Allowable loads	Weather deck hatch cover	2.6/3.6	t/m ² with pillers 12.5 t/m ²
	Tween deck hatch cover	5.5	t/m ² with pillars 12.5 t/m ²
	Tank top	20	t/m ²
Cranes	Combinable	800	mt SWL
	Situated on starboard side	2 x 400	mt SWL
		1 x 120	mt SWL
	Auxiliary hoist	50	mt SWL
Main engine	Wärtsilä 8L46C	8,400	kW
	Bowthruster	850	kW
	Speed	17.0	kN (at 7m draft)
Container capacity		1091	TEU

HAPPY D-TYPES

Happy Delta	Amsterdam	The Netherlands	2011
Happy Diamond	Amsterdam	The Netherlands	2011
Happy Dover	Amsterdam	The Netherlands	2011
Happy Dragon	Amsterdam	The Netherlands	2011
Happt Dynamic	Amsterdam	The Netherlands	2011

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.

BIGLIFT

**GIANT
MARINE**

Giant Marine - General Agent for BigLift Shipping BV
13, Rue Séguier - 75006 Paris - France
Tel: +33 1 39 63 37 37 - Email: info@giantmarine.com