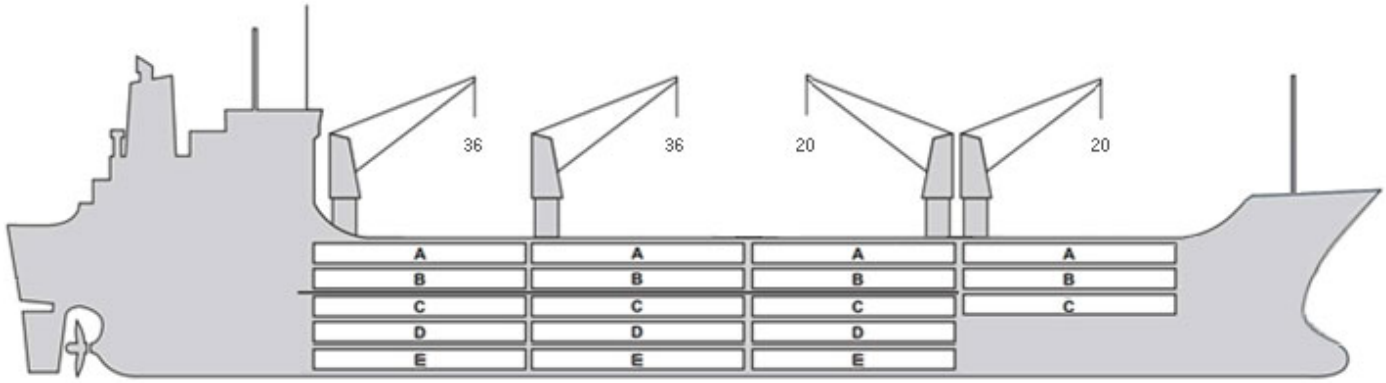


BELUGA REEFER



BASICS

Flag	BAHAMAS
IMO no.	9015204
Class	BV
Int GRT/NRT	13,049 / 5,353
Pan GRT/NRT	14,224 / 10,848
Suez GRT/NRT	14,162 / 10,958
Built	1992

Length over all m	158.13
Breadth moulded m	24.40
Depth W.D. m	15.7
Sdwt mton	13,930
Draught sdwt m	10.015
Bale cbft	645,586
Area m ²	7,565
Bow thruster	NIL

Hatch covers	4
Holds/Compartments	4 / 18
Fcsle deck	NO
Trunk deck	NO
USDA	Sensors fitted
PPECB	Sensors fitted
Reefer plugs above deck	147
Reefer plugs under deck	70
Grating load	7 MT Axleload

Grating	Aluminium
Temp min/max °C	-30 / 15
Air circs/hour	90
Air renew/hour	2

BALE cbft

DECK & HATCH	1	2	3	4
A	39,492	45,040	42,744	43,741
B	29,456	40,347	40,075	41,537
C	24,222	36,544	38,712	40,072
D	NIL	33,605	39,538	40,471
E	NIL	20,662	26,352	22,976
Total	93,170	176,198	187,421	188,797
Grand total	645,586			

DECK AREA m² and DECK STRENGTH MT/m²

(Figures in brackets: max deck strength in MT/m²)

-	1	2	3	4
A	404	494	481	494
B	319	480	485	501
C	242	445	484	505
D	NIL	395	478	475
E	NIL	260	332	291
Total	965	2074	2260	2266
Grand total	7,565			

Free deck height minimum 2.20 m

HATCHES (Weather deck) m

Hatch	Length	Width	Insulated units
1	13.7	10.7	ABC
2	13.8	10.7	AB/CDE
3	13.7	10.7	AB/CDE
4	13.7	10.7	AB/CDE

Insulated units are separate cooling sections.

BELUGA REEFER

CARGO GEAR

No of	Type	SWL mton	UP mton
1 & 2	Twin Deck Crane 20/40 mt SWL, 20 meters reach. (Liebher Electro Hydraulic)	20 ton single 40 ton double	
3	Single Deck Crane 8/36 mt SWL, 20 meters reach. (Liebherr Electro hydraulic)	8 ton to 36 ton	
4	Single Deck Crane 8/36 mt SWL, 20 meters reach. (Liebherr Electro hydraulic)	8 ton to 36 ton	

Max single lift cap: 20t

Max twin lift cap

MAXIMUM CONTAINER CAPACITY

	20 ft (8'6") Empty/ loaded	40 ft (9'6") Empty/ loaded	Stackweight 20 ft/ 40 ft
Weather Deck	180 / 160	L14 -106 Empty / L09 – 72,(28t) L10 – 76,(24t) L11 – 88,(24t) L12 – 84,(24t) L13 – 90,(25t)	42t / 75t, 84t
Hatch covers	120 / 100	L14 – 58 Empty / L09 – 43,(28t) L10 – 47,(24t) L11 – 49,(24t) L12 – 46,(24t) L13 – 49,(25t)	42t / 75t
Holds	140 / 140	70	100t / 140t

Container Capacity:

In Holds: 70 FEU or 140 TEU / On deck / Hatches: 149 FEU or 299 TEU

Grand Total: 219 FEU or 439 TEU

Stability Limitation: Due to stability requirements, the maximum container intake on deck / hatches is.

1992 year / revision 1996 /

Full loaded with containers

In holds 70 FEU of 28 t or 140 TEU of 14 t

On deck / Hatches 190 TEU of 14 t, or 95 FEU 28 t or (Revision 1996 122 FEU of 24 t with 50 % bunker arrival conditions)

Homogenously loaded

In holds 105 cu ft/t

On deck / hatches 216 TEU of 14 t or 108 FEU of 28 t or (Revision 1996 150 FEU of 24 t with 50% bunker arrival conditions)

Container Stack Load

Hatches No. 1, 2, 3, 4 is 75 t

On deck No.6 is 75 t.

On deck No.6 frames 26 – 46 (Bay 26 - FEU 40" / Bays 27, 25 – TEU 20") is 84 t.

Revision A, year 2012 Intact Stability

Loading Condition L08D, M, A. 260 TEU 14t, 3640 ton on deck, Pallets 105 cuft 5770 ton into holds

Deck 160 TEU Departure: GoM = 0.32 m

Hatch 100 TEU Middle: GoM = 0.36 m

TTL 260 TEU on deck Arrival: GoM = 0.39 m

Loading Condition L09D, M, A. 187 FEU 28 ton into Holds and Deck,

Holds 70 FEU Departure: GoM = 0.33 m

Deck 72 FEU Middle: GoM = 0.42 m

Hatch 45 FEU **(43)** Arrival: GoM = 0.21 m

TTL 187 FEU **(Remarks: if 9'6" Owing to restriction Crane Parking position Hatch No.4 minus 2 FEU)**

Loading Condition L10D, A. (Containers on deck 124 FEU, 24 ton, Cargo holds empty)

Deck 76 FEU Departure: GoM = 0.74 m

Hatch 48 FEU **(47)** Arrival: GoM = 0.27 m

TTL 124 FEU **(Remarks: if 9'6" Owing to restrictions Crane Parking position Hatch No.3 minus 1 FEU, Hatch No.2 minus 1 FEU)**

Loading Condition L11D, M, A. (Containers in holds and Deck, 213 FEU, 24 ton)

Holds 70 FEU Departure: GoM = 0.73 m

Deck 88 FEU Middle: GoM = 0.48 m

Hatch 55 FEU **(49)** Arrival: GoM = Not Calculated, Not determine

TTL 213 FEU **(Remarks: if 9'6 Owing to restrictions Crane Parking position Hatch No.2,3,4 minus 3,1,2 FEU)**

Loading Condition L12D, M, (Bananas into holds 6011.8 ton, 133 FEU on deck 24 ton)

Holds: Bananas

Deck: 84 FEU Departure: GoM = 0.73 m

Hatch 49 FEU **(46)** Middle: GoM = 0.48 m

TTL: 133 FEU Arrival: GoM = Not Calculated, Not determine)

(Remarks: if 9'6" Owing to restrictions Crane Parking position Hatches No.3 minus 1 FEU, Hatch No.4 minus 2 FEU)

Loading Conditions L13D, A. (Pallets 5.640 ton in holds, 145 FEU on deck, 25 ton) From Moin to Gothenburg.

Holds: Pallets

Deck: 90 FEU Departure: GoM = 0.18 m (Up to critical GoM)

Hatch: 55 FEU **(49)** Arrival: GoM = 0.32 m

TTL: 145 FEU **(Remarks: if 9'6" Owing to restrictions Crane Parking position Hatches No.2,3,4 minus 3,1,2 FEU)**

Loading Condition L14D, A. (Cargo holds empty, 170 empty FEU on deck, 4.526 ton) From Bremerhaven to Moin

Holds: Empty

Deck: 106 FEU Departure: GoM = 1.64 m

Hatch: 64 FEU **(58)** Arrival: GoM = 1.37 m

TTL: 170 FEU **(Remarks: Owing to restrictions Crane Parking position, Hatches No.2,3,4 minus 3,1,2 FEU)**

Above figures based on 14 MT for loaded 20 ft and 30 MT for loaded 40 ft Subject Master Approval, Stability & Visibility
All details believed to be correct but not guaranteed