



BOLTEN PANORAMA

Name:	Bolten Panorama				
Built:	2012				
Flag:	Portugal				
Class:	RINA				
Type:	Bulk Carrier				
Dwat:	25,010 mts on 9.114 m ssw				
Tpc:	36.39 mts on summer draft				
L.o.a.:	157.23 m				
Beam:	26.8 m				
Moulded depth:	13.2 m				
Distance waterline to top of hatch coaming in normal ballasted condition: 14.04 m midships					
Tonnage:	(International):	gt/nt	15,861 / 7,520		
Hatches:	4				
Hatch sizes:	No. 1	17.25 m x 13.50 m			
	No. 2	21.00 m x 22.40 m			
	No. 3	21.00 m x 22.40 m			
	No. 4	21.00 m x 22.40 m			
Type of hatchcovers:	electro-hydraulic folding type				
Hold:	Sizes:	Length	Breadth (fore/aft)	Height	Grain / Bale (cub.m)
	No. 1	27.0 m	5.0 m / 22.4m	11.5 m	6,286.53 / 5,933.97
	No. 2	28.4 m	22.4 m / 22.4 m	11.5 m	8,310.26 / 7,901.48
	No. 3	28.4 m	22.4 m / 22.4 m	11.5 m	8,312.93 / 7,902.48
	No. 4	27.6 m	22.4 m / 11.95 m	11.5 m	7,825.81 / 7,587.21
Total capacity in cubic meters:					30,735.53 / 29,325.14
Gear:	3 cranes x 30.0 mts				
Tanktop strength:	Uniform: 11.5 mts/sqm; local strength: 17.0 mts/sqm				
Ventilation:	mechanical / 6 times/hr				
Speed/consumption:	Ballast: abt 12.4 kn on abt 18.0 mts VLSFO + abt 0.1 mts LSMGO Laden: abt 12.0 kn on abt 19.0 mts VLSFO + abt 0.1 mts LSMGO				
Port consumption:	abt 3.2 mts VLSFO + abt 0.2 mts LSMGO				

All about, taken from plan but without guarantee.



AUG. BOLTEN
Wm. Miller's Nachfolger

Fleet

Lilly Bolten



Name:	Lilly Bolten
Built:	2009
Flag:	Liberia
Class:	NKK
Type:	Single-deck bulk carrier
Dwat:	30.800 tdw on 9,88 m ssw 29.549 tdw on 9,61 m wsw
Tpc:	43,50 mt on summer draft
L.o.a.:	178,70 m
Beam:	28,00 m
Moulded depth:	14,00 m

Distance waterline to top of hatch coaming in normal ballasted condition:

Midship about 11,84 m

Tonnage: (International): gt/nt 19.972 / 10.530

Hatches:	5
Hatch sizes:	No. 1 16,60 x 15,00 m No. 2 20,80 x 21,00 m No. 3 20,80 x 21,00 m No. 4 20,80 x 21,00 m No. 5 20,80 x 21,00 m

Type of hatchcovers: Hydraulic folding type

Hold:	Sizes:	Length	Breadth (fore/aft)	Height	Grain / Bale (cub.ft)
	No 1:	25,01 m	2,08 m / 18,75 m	12,40 m	213.992 / 203.292
	No 2:	25,50 m	20,00 m / 22,40 m	12,40 m	305.059 / 290.072
	No 3:	24,55 m	22,40 m / 22,40 m	12,40 m	320.605 / 304.575
	No 4:	26,35 m	22,40 m / 22,40 m	12,40 m	315.410 / 299.638
	No 5:	25,90 m	21,69 m / 6,40 m	12,40 m	284.739 / 270.503

Total capacity in cubic feet: 1.439.805 / 1.368.080

Gear: 4 cranes x 30,0 mts

Tanktop strength: 20,0 mt/sqm

Ventilation: Natural

Speed/consumption:

Loaded condition: About 14 kn on about 25,0 mt IFO 380 cst
nil MDO at sea

Port consumption: Idle about 2,9 mt IFO 380 cst + nil MDO

Winches working: About 5,0 mt IFO 380 cst + nil MDO

(Note: Local port regulations require the burning of MGO in port, e.g. EU ports)

All about, taken from plan but without guarantee.



AUG. BOLTEN
Wm. Miller's Nachfolger

Fleet

Louisa Bolten



Name:	Louisa Bolten
Built:	2009
Flag:	Liberia
Class:	NKK
Type:	Single-deck bulk carrier
Dwat:	30.800 tdw on 9,88 m ssw 29.549 tdw on 9,61 m wsw
Tpc:	43,50 mt on summer draft
L.o.a.:	178,70 m
Beam:	28,00 m
Moulded depth:	14,00 m

Distance waterline to top of hatch coaming in normal ballasted condition:

Midship about 11,84 m

Tonnage: (International): gt/nt 19.972 / 10.530

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