

# SEATRADE ORANGE

Nominal 2,259 TEU / Homogeneous 1,580 TEU@14mt  
 Effective 700 FEU@30mt / Reefer Equivalent 13,480 pallets



## General

Built	August-2016	International	<b>GT</b>	<b>NT</b>
Flag	Liberia	Panama Canal	24,901.00	9,207.00
Port of Registry	Monrovia	Suez Canal		22,039.00
Callsign	D5LJ7			26,495.98
IMO/Lloyds nr	9690092		<b>Draft</b>	<b>DWAT</b>
Length over all [m]	185.00	Tropical	10.41	27,929
Beam [m]	30.00	Summer	10.00	26,947
Depth [m]	16.50	Winter	9.79	25,972
Bowthruster(s)	1 x 1,200kW	Scantling	10.00	27,200
		Design	9.00	22,380

## Classification Details

Classification Society	Bureau Veritas (BV)
Main Class symbols	I, +Hull, +Mach
Service Notations	Container Ship
Navigation Notations	Unrestricted Navigation
Additional Class Notations	CPS(WBT), +AUT-UMS(SS), +SYS-NEQ-1(SS), GREEN PASSPORT, CLEANSHIP, SEEMP, INWATERSURVEY
Machinery	+MACH
Equivalent Finnish/Swedish	
Ice Strenghtening	-



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## Hatch sizes Container holds

<u>Container Hold</u>	<u>Position</u>	<u>l x b</u>	<u>Position</u>	<u>l x b</u>
1	Fwd	12.64 x 15.66		
	Aft	12.64 x 20.82		
2	Fwd	12.64 x 25.80		
	Aft	12.64 x 25.80		
3	Fwd	12.64 x 25.80		
	Aft	12.64 x 25.80		
4	Fwd	12.64 x 25.80		
	Aft	12.64 x 25.80		
5	Centre	12.64 x 25.80		



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## FEU - Nominal 40' slot capacity

Bay ↓	Row →	12	10	08	06	04	02	01	03	05	07	09	11	Total	Location
02	8'6"			4	4	4	4	4	4	4	4			32	Hatch 1
	9'6"			4	4	4	4	4	4	4	4			32	
	Stackweight			100	100	100	100	100	100	100	100				
	Reefer Plugs													24	
02	8'6"					1	4	4	1					10	Hold 1
	9'6"					1	3	3	1					8	
	Stackweight					180	180	180	180						
	Reefer Plugs													6	
<b>Remarks</b> Row 01: 1 TEU to be loaded to use the FEU slots Row 02: 1 TEU to be loaded to use the FEU slots Row 03: 2 TEU 's to be loaded to use the FEU slots Row 04: 2 TEU 's to be loaded to use the FEU slots General: Water cooled Reefers only															
06	8'6"	5	5	5	5	5	5	5	5	5	5	5	5	60	Hatch 1
	9'6"	4	4	4	4	4	4	4	4	4	4	4	4	48	
	Stackweight	100	100	100	100	100	100	100	100	100	100	100	100		
	Reefer Plugs													36	
06	8'6"			1	3	5	6	6	5	3	1			30	Hold 1
	9'6"			1	2	4	5	5	4	2	1			24	
	Stackweight			180	180	180	180	180	180	180	180				
	Reefer Plugs													12	
<b>Remarks</b> Row 03: 1 TEU to be loaded to use the FEU slots Row 04: 1 TEU to be loaded to use the FEU slots Row 05: 1 TEU to be loaded to use the FEU slots Row 06: 1 TEU to be loaded to use the FEU slots Row 07: 2 TEU's to be loaded to use the FEU slots Row 08: 2 TEU's to be loaded to use the FEU slots															
10	8'6"	5	5	5	5	5	5	5	5	5	5	5	5	60	Hatch 2
	9'6"	4	4	4	4	4	4	4	4	4	4	4	4	48	
	Stackweight	100	100	100	100	100	100	100	100	100	100	100	100		
	Reefer Plugs													36	
10	8'6"		3	5	6	6	6	6	6	6	5	3	52	Hold 2	
	9'6"		2	4	5	5	5	5	5	5	4	2	42		
	Stackweight		180	180	180	180	180	180	180	180	180	180			
	Reefer Plugs												40		
<b>Remarks</b> Row 09: 1 TEU to be loaded to use the FEU slots Row 10: 1 TEU to be loaded to use the FEU slots															
14	8'6"	5	5	5	5	5	5	5	5	5	5	5	5	60	Hatch 2
	9'6"	4	4	4	4	4	4	4	4	4	4	4	4	48	
	Stackweight	100	100	100	100	100	100	100	100	100	100	100	100		
	Reefer Plugs													36	
14	8'6"		5	6	6	6	6	6	6	6	6	5	58	Hold 2	
	9'6"		4	5	5	5	5	5	5	5	5	4	48		
	Stackweight		180	180	180	180	180	180	180	180	180	180			
	Reefer Plugs												46		



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Bay ↓	Row →	12	10	08	06	04	02	01	03	05	07	09	11	Total	Location
18	8'6"	6	6	6	6	6	6	6	6	6	6	6	6	72	Hatch 3
	9'6"	5	5	5	5	5	5	5	5	5	5	5	5		
	Stackweight	100	100	100	100	100	100	100	100	100	100	100	100	36	
	Reefer Plugs														
18	8'6"		6	6	6	6	6	6	6	6	6	6	60	Hold 3	
	9'6"		5	5	5	5	5	5	5	5	5	5			
	Stackweight		180	180	180	180	180	180	180	180	180	180	46		
	Reefer Plugs														
22	8'6"	6	6	6	6	6	6	6	6	6	6	6	6	72	Hatch 3
	9'6"	5	5	5	5	5	5	5	5	5	5	5	5		
	Stackweight	100	100	100	100	100	100	100	100	100	100	100	100	36	
	Reefer Plugs														
22	8'6"		6	6	6	6	6	6	6	6	6	6	60	Hold 3	
	9'6"		5	5	5	5	5	5	5	5	5	5			
	Stackweight		180	180	180	180	180	180	180	180	180	180	46		
	Reefer Plugs														
26	8'6"	6	6	6	6	6	6	6	6	6	6	6	6	72	Hatch 4
	9'6"	5	5	5	5	5	5	5	5	5	5	5	5		
	Stackweight	100	100	100	100	100	100	100	100	100	100	100	100	36	
	Reefer Plugs														
26	8'6"		5	6	6	6	6	6	6	6	6	5	58	Hold 4	
	9'6"		4	5	5	5	5	5	5	5	5	4			
	Stackweight		180	180	180	180	180	180	180	180	180	180	46		
	Reefer Plugs														
<b>Remarks</b>															
Row 09: 1 TEU to be loaded to use the FEU slots															
Row 10: 1 TEU to be loaded to use the FEU slots															
30	8'6"	6	7	7	7	6	6	6	6	7	7	7	6	78	Hatch 4
	9'6"	5	6	6	6	5	5	5	5	6	6	6	5		
	Stackweight	100	100	100	100	100	100	100	100	100	100	100	100	36	
	Reefer Plugs														
30	8'6"		5	5	6	6	6	6	6	6	5	5	56	Hold 4	
	9'6"		4	4	5	5	5	5	5	5	4	4			
	Stackweight		180	180	180	180	180	180	180	180	180	180	46		
	Reefer Plugs														
<b>Remarks</b>															
Row 07: 1 TEU to be loaded to use the FEU slots															
Row 08: 1 TEU to be loaded to use the FEU slots															



# SEATRADE ORANGE

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 Effective 700 FEU@30mt / Reefer Equivalent 13,480 pallets

Bay ↓	Row →	12	10	08	06	04	02	01	03	05	07	09	11	Total	Location
34	8'6"	6	7	7	7	7	7	7	7	7	7	7	6	82	Hatch 5
	9'6"	5	6	6	6	6	6	6	6	6	6	6	5	70	
	Stackweight Reefer Plugs	100	100	100	100	100	100	100	100	100	100	100	100	36	
34	8'6"		3	4	5	5	6	6	5	5	4	3		46	Hold 5
	9'6"		2	3	4	4	5	5	4	4	3	2		36	
	Stackweight Reefer Plugs		180	180	180	180	180	180	180	180	180	180		26	
<b>Remarks</b>															
<i>Row 01: 2 FEU's (8.5' or 9.5') to be loaded to use the reefer plugs</i>															
<i>Row 02: 2 FEU's (8.5' or 9.5') to be loaded to use the reefer plugs</i>															
<i>Row 03: 1 TEU to be loaded to use the FEU slots. 1 FEU (8.5' or 9.5') to be loaded to use the reefer plugs</i>															
<i>Row 04: 1 TEU to be loaded to use the FEU slots. 1 FEU (8.5' or 9.5') to be loaded to use the reefer plugs</i>															
<i>Row 05: 1 FEU (8.5' or 9.5') to be loaded to use the reefer plugs</i>															
<i>Row 06: 1 FEU (8.5' or 9.5') to be loaded to use the reefer plugs</i>															
<i>Row 07: 1 TEU to be loaded to use the FEU slots</i>															
<i>Row 08: 1 TEU to be loaded to use the FEU slots</i>															
<i>Row 09: 1 TEU to be loaded to use the FEU slots</i>															
<i>Row 10: 1 TEU to be loaded to use the FEU slots</i>															
38	8'6"	6	8	8	8	8	8	8	8	8	8	8	6	92	Deck
	9'6"	5	7	7	7	7	7	7	7	7	7	7	5	80	
	Stackweight Reefer Plugs	100	100	100	100	100	100	100	100	100	100	100	100	46	
FEU Total	8'6"	51	88	98	103	105	110	110	105	103	98	88	51	1,110	
	9'6"	42	72	82	86	88	92	92	88	86	82	72	42	924	
	Reefer Plugs													672	



# SEATRADE ORANGE

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## TEU - Nominal 20' slot capacity

Bay ↓	Row →	12	10	08	06	04	02	01	03	05	07	09	11	Total	Location
01	8'6"			4	4	4	4	4	4	4	4			32	Hatch 1
	9'6"			4	4	4	4	4	4	4	4			32	
	Stackweight			70	70	70	70	70	70	70	70			0	
Reefer Plugs													0		
01	8'6"					1	4	4	1					10	Hold 1
	9'6"					1	3	3	1					8	
	Stackweight					144	144	144	144					0	
Reefer Plugs													0		
03	8'6"			4	4	4	4	4	4	4	4	4	4	40	Hatch 1
	9'6"			4	4	4	4	4	4	4	4	4	4	40	
	Stackweight			70	70	70	70	70	70	70	70	70	70	0	
Reefer Plugs													0		
03	8'6"					1	3	5	5	3	1			18	Hold 1
	9'6"					1	2	4	4	2	1			14	
	Stackweight					144	144	144	144	144	144			0	
Reefer Plugs													0		
05	8'6"			5	5	5	5	5	5	5	5	5	5	60	Hatch 1
	9'6"			4	4	4	4	4	4	4	4	4	4	48	
	Stackweight			70	70	70	70	70	70	70	70	70	70	0	
Reefer Plugs													0		
05	8'6"					1	3	5	6	6	5	3	1	30	Hold 1
	9'6"					1	2	4	5	5	4	2	1	24	
	Stackweight					144	144	144	144	144	144	144	144	0	
Reefer Plugs													0		
07	8'6"			5	5	5	5	5	5	5	5	5	5	60	Hatch 1
	9'6"			4	4	4	4	4	4	4	4	4	4	48	
	Stackweight			70	70	70	70	70	70	70	70	70	70	0	
Reefer Plugs													0		
07	8'6"					3	5	6	6	6	6	5	3	40	Hold 1
	9'6"					2	4	5	5	5	5	4	2	32	
	Stackweight					144	144	144	144	144	144	144	144	0	
Reefer Plugs													0		
09	8'6"			5	5	5	5	5	5	5	5	5	5	60	Hatch 2
	9'6"			4	4	4	4	4	4	4	4	4	4	48	
	Stackweight			70	70	70	70	70	70	70	70	70	70	0	
Reefer Plugs													0		
09	8'6"					3	5	6	6	6	5	3	52	Hold 2	
	9'6"					2	4	5	5	5	4	2	42		
	Stackweight					144	144	144	144	144	144	144	0		
Reefer Plugs													0		





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Bay ↓	Row →	12	10	08	06	04	02	01	03	05	07	09	11	Total	Location
11	8'6"	5	5	5	5	5	5	5	5	5	5	5	5	60	Hatch 2
	9'6"	4	4	4	4	4	4	4	4	4	4	4	4		
	Stackweight	70	70	70	70	70	70	70	70	70	70	70	70		
	Reefer Plugs													0	
11	8'6"		4	5	6	6	6	6	6	6	5	4	54	Hold 2	
	9'6"		3	4	5	5	5	5	5	5	4	3			
	Stackweight		144	144	144	144	144	144	144	144	144	144			
	Reefer Plugs													2	
13	8'6"	5	5	5	5	5	5	5	5	5	5	5	5	60	Hatch 2
	9'6"	4	4	4	4	4	4	4	4	4	4	4	4		
	Stackweight	70	70	70	70	70	70	70	70	70	70	70	70		
	Reefer Plugs													0	
13	8'6"		5	6	6	6	6	6	6	6	6	5	58	Hold 2	
	9'6"		4	5	5	5	5	5	5	5	5	4			
	Stackweight		144	144	144	144	144	144	144	144	144	144			
	Reefer Plugs													0	
15	8'6"	5	5	5	5	5	5	5	5	5	5	5	5	60	Hatch 2
	9'6"	4	4	4	4	4	4	4	4	4	4	4	4		
	Stackweight	70	70	70	70	70	70	70	70	70	70	70	70		
	Reefer Plugs													0	
15	8'6"		5	6	6	6	6	6	6	6	6	5	58	Hold 2	
	9'6"		4	5	5	5	5	5	5	5	5	4			
	Stackweight		144	144	144	144	144	144	144	144	144	144			
	Reefer Plugs													0	
17	8'6"	6	6	6	6	6	6	6	6	6	6	6	6	72	Hatch 3
	9'6"	5	5	5	5	5	5	5	5	5	5	5	5		
	Stackweight	70	70	70	70	70	70	70	70	70	70	70	70		
	Reefer Plugs													0	
17	8'6"		6	6	6	6	6	6	6	6	6	6	60	Hold 3	
	9'6"		5	5	5	5	5	5	5	5	5	5			
	Stackweight		144	144	144	144	144	144	144	144	144	144			
	Reefer Plugs													0	
19	8'6"	6	6	6	6	6	6	6	6	6	6	6	6	72	Hatch 3
	9'6"	5	5	5	5	5	5	5	5	5	5	5	5		
	Stackweight	70	70	70	70	70	70	70	70	70	70	70	70		
	Reefer Plugs													0	
19	8'6"		6	6	6	6	6	6	6	6	6	6	60	Hold 3	
	9'6"		5	5	5	5	5	5	5	5	5	5			
	Stackweight		144	144	144	144	144	144	144	144	144	144			
	Reefer Plugs													0	



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Bay ↓	Row →	12	10	08	06	04	02	01	03	05	07	09	11	Total	Location
21	8'6"	6	6	6	6	6	6	6	6	6	6	6	6	72	Hatch 3
	9'6"	5	5	5	5	5	5	5	5	5	5	5	5		
	Stackweight	70	70	70	70	70	70	70	70	70	70	70	70		
	Reefer Plugs													0	
21	8'6"		6	6	6	6	6	6	6	6	6	6		60	Hold 3
	9'6"		5	5	5	5	5	5	5	5	5	5			
	Stackweight		144	144	144	144	144	144	144	144	144	144			
	Reefer Plugs													0	
23	8'6"	6	6	6	6	6	6	6	6	6	6	6	6	72	Hatch 3
	9'6"	5	5	5	5	5	5	5	5	5	5	5	5		
	Stackweight	70	70	70	70	70	70	70	70	70	70	70	70		
	Reefer Plugs													0	
23	8'6"		6	6	6	6	6	6	6	6	6	6		60	Hold 3
	9'6"		5	5	5	5	5	5	5	5	5	5			
	Stackweight		144	144	144	144	144	144	144	144	144	144			
	Reefer Plugs													0	
25	8'6"	6	6	6	6	6	6	6	6	6	6	6	6	72	Hatch 4
	9'6"	5	5	5	5	5	5	5	5	5	5	5	5		
	Stackweight	70	70	70	70	70	70	70	70	70	70	70	70		
	Reefer Plugs													0	
25	8'6"		6	6	6	6	6	6	6	6	6	6		60	Hold 4
	9'6"		5	5	5	5	5	5	5	5	5	5			
	Stackweight		144	144	144	144	144	144	144	144	144	144			
	Reefer Plugs													0	
27	8'6"	6	6	6	6	6	6	6	6	6	6	6	6	72	Hatch 4
	9'6"	5	5	5	5	5	5	5	5	5	5	5	5		
	Stackweight	70	70	70	70	70	70	70	70	70	70	70	70		
	Reefer Plugs													0	
27	8'6"		5	6	6	6	6	6	6	6	6	5		58	Hold 4
	9'6"		4	5	5	5	5	5	5	5	5	4			
	Stackweight		144	144	144	144	144	144	144	144	144	144			
	Reefer Plugs													0	
29	8'6"	6	7	7	7	6	6	6	6	7	7	7	6	78	Hatch 4
	9'6"	6	6	6	6	5	5	5	5	6	6	6	5		
	Stackweight	70	70	70	70	70	70	70	70	70	70	70	70		
	Reefer Plugs													0	
29	8'6"		5	6	6	6	6	6	6	6	6	5		58	Hold 4
	9'6"		4	5	5	5	5	5	5	5	5	4			
	Stackweight		144	144	144	144	144	144	144	144	144	144			
	Reefer Plugs													0	





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Bay ↓	Row →	12	10	08	06	04	02	01	03	05	07	09	11	Total	Location
31	8'6"	6	7	7	7	7	6	6	6	7	7	7	6	79	Hatch 4
	9'6"	5	6	6	6	6	5	5	5	6	6	6	5	67	
	Stackweight Reefer Plugs	70	70	70	70	70	70	70	70	70	70	70	70	70	
31	8'6"		5	5	6	6	6	6	6	6	5	5		56	Hold 4
	9'6"		4	4	5	5	5	5	5	5	4	4		46	
	Stackweight Reefer Plugs		144	144	144	144	144	144	144	144	144	144	144	0	
33	8'6"	6	7	7	7	7	7	7	7	7	7	7	6	82	Hatch 5
	9'6"	5	6	6	6	6	6	6	6	6	6	6	5	70	
	Stackweight Reefer Plugs	70	70	70	70	70	70	70	70	70	70	70	70	0	
33	8'6"		4	5	5	6	6	6	6	5	5	4		52	Hold 5
	9'6"		3	4	4	5	5	5	5	4	4	3		42	
	Stackweight Reefer Plugs		144	144	144	144	144	144	144	144	144	144	144	0	
35	8'6"	6	7	7	7	7	7	7	7	7	7	7	6	82	Hatch 5
	9'6"	5	6	6	6	6	6	6	6	6	6	6	5	70	
	Stackweight Reefer Plugs	70	70	70	70	70	70	70	70	70	70	70	70	0	
35	8'6"		3	4	5	5	6	6	5	5	4	3		46	Hold 5
	9'6"		2	3	4	4	5	5	4	4	3	2		36	
	Stackweight Reefer Plugs		144	144	144	144	144	144	144	144	144	144	144	0	
37	8'6"	6	8	8	8	8	8	8	8	8	8	8	6	92	Deck
	9'6"	5	7	7	7	7	7	7	7	7	7	7	5	80	
	Stackweight Reefer Plugs	70	70	70	70	70	70	70	70	70	70	70	70	0	
39	8'6"	6	8	8	8	8	8	8	8	8	8	8	6	92	Deck
	9'6"	5	7	7	7	7	7	7	7	7	7	7	5	80	
	Stackweight Reefer Plugs	70	70	70	70	70	70	70	70	70	70	70	70	0	
FEU Total	8'6"	102	183	200	209	215	221	221	214	209	200	183	102	2,259	
	9'6"	85	151	167	175	180	185	185	179	175	167	151	84	1,884	
	Reefer Plugs													2	

## Standard Voyage Container Carrying Capacity

Nr of High Cube (9.5') Reefers 358  
of which Selfsustained 358

'Standard Voyage' = voyage from Panama Canal to Rotterdam, with a full cargo of bananas in the holds and departing with full bunker tanks. Containers on this voyage are considered to weigh 26 mt gross.

## Reefer Plugs

Nr. of electrical Reefer Plugs 674



# SEATRADE ORANGE

Nominal 2,259 TEU / Homogeneous 1,580 TEU@14mt  
 Effective 700 FEU@30mt / Reefer Equivalent 13,480 pallets

## Cargo Gear

3 Cranes x 45.0 mt

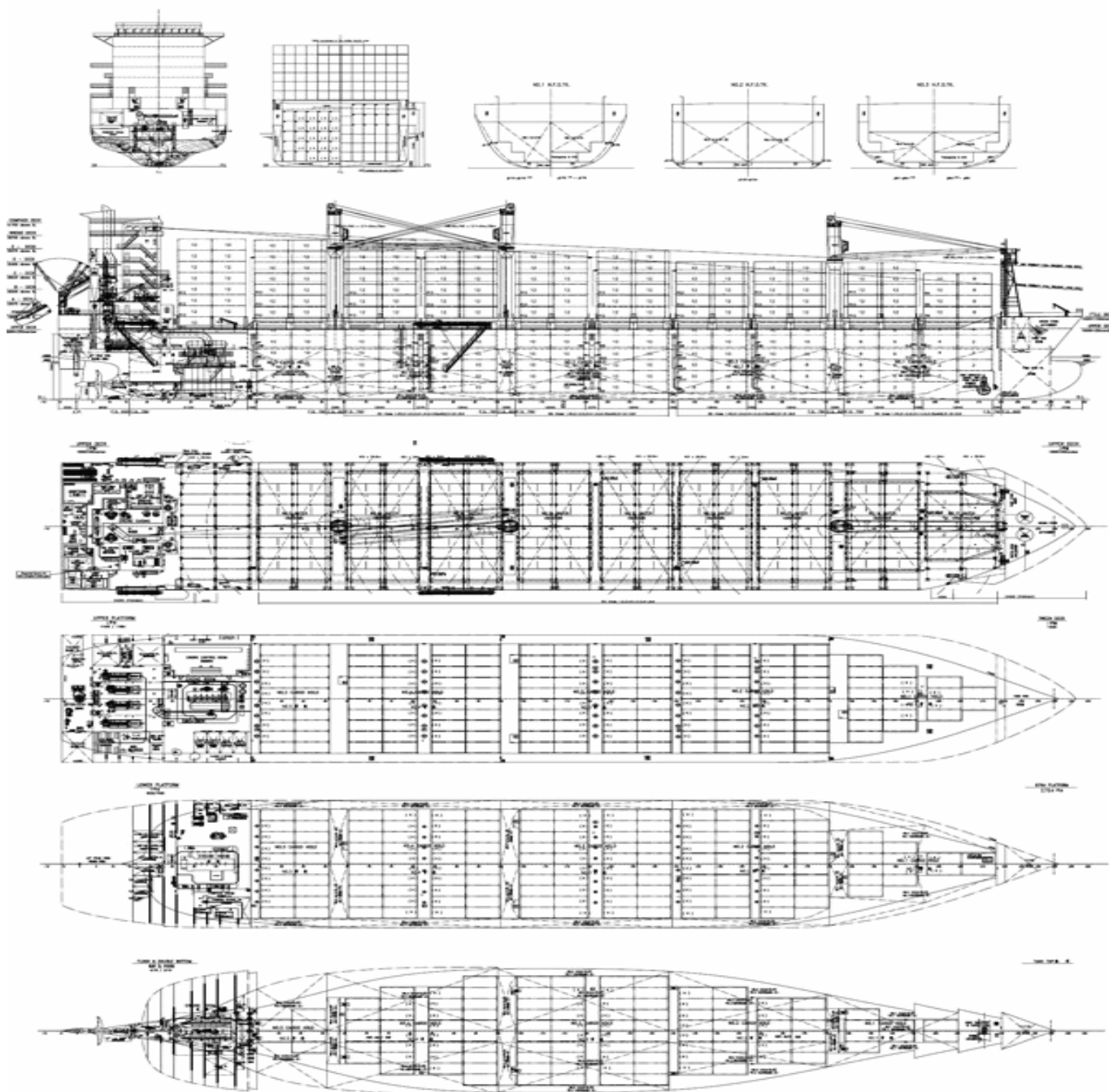
## Bunker Tank Capacities

	<u>Cbm (100%)</u>	<u>Cbm at max filling level*</u>	<u>mt**</u>
Bunkertanks dedicated for High Sulphur RMG380 (IFO380)	1,892	1,703	1,687
Bunkertanks dedicated for Low Sulphur RMG380 (IFO380)	202	182	167
<b>Total bunker capacity for RMG380 (IFO380)</b>	<b>2,094</b>	<b>1,885</b>	<b>1,855</b>
Bunkertanks dedicated for Low Sulphur DMA (MGO)	129	116	100
<b>Total bunker capacity for DMA (MGO)</b>	<b>129</b>	<b>116</b>	<b>100</b>
*) Vessel shall not mix bunkers from different bunkering in 1 bunker tank. This may reduce the actual bunker capacity. **) Capacity in mt serve as indication only.			



# SEATRADE ORANGE

Nominal 2,259 TEU / Homogeneous 1,580 TEU@14mt  
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## General Remarks

- Pallet Intake figures are indication only. The figures are based on a stowage factor of 1.32 pallet/sqm in reefer holds, full load of reefer containers based on the standard voyage with 20 pallets in each container
- Nominal Container Intake is based on maximum available empty standard (8'6") container slots whereby IMO visibility rules are respected.
- Effective Container Intake is based on the Nominal Container Intake but then for laden containers with the indicated weight whereby max stackweights are respected.
- Homogeneous TEU Intake at 14 mt is a theoretical figure based on standard (8'6") 20 ft containers of 14 mt, homogeneously loaded with the vertical center of gravity at 45% of the container height. The requirements for minimum stability are hereby respected.

