



FLAG	CHINA	PORT OF REGISTRY	SHANGHAI
		TELEX-INMASART "C"	441430711
MASTER/CREW	CHINESE	IMO No	9432165
		OPERATED SINCE	12 Dec. 2011
CALL SIGN	BQDS		
BUILT	DALIAN SHIPYARD		
TONNAGE		GROSS	NET
	International	24112	11266
	Suez Canal	24297	21167
	Panama Canal		21077
CLASS	CCS: *CSA ICE CLASS B BWMP *CSM AUT - 0 OMBO CMS BWMS		
TYPE	Multipurpose cargo vessel. Strengthened for carriage of heavy cargoes and adapted for carriage of containers.		

MAIN ENGINE

Type	kW ~ BHP	at rpm	Fuel
SULZER 7RT - FLEX60C	16520 - 22153	114	IFO 380

AUXILIARY ENGINES Diesel Generator sets

Type	kW	rpm	kVA	AC V	Hz	Fuel
3 x WARTSILA AUXPAC 975W6L20	1025	900				IFO 380
GENERATOR FENXI-SIEMENS LICENCE						
TYPE 1FC 6 - 3 phase		1219	450	60		
1 x EMERGENCY: NTA 855-G1	287	1800	212	450	60	

BOILERS

Type	kg/h	bar	Fuel
Oil-fired BOILER SAACKE KLN/VM -1,5/7	1500	7	IFO 380
EXHAUST-GAS BOILER SAACKE KIP/DH 1,6/7	1600	7	

<u>SPEED</u>	<u>FUEL CON-SUMPTION</u>
knots	t/day

13,4	23,4
13,8	25,2
14,5	29,1
15,1	33,3
15,8	38,0
16,5	43,0
16,8	45,7
17,1	48,5
17,8	54,5
18,5	60,9

Aux.Eng	2,8
<u>PORT</u>	4,3
Aux.Eng Boiler	

VENTILATION of cargo compartments

Natural supply, mechanical exhaust: 6 air changes per hour.

FRESH WATER EVAPORATOR

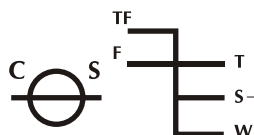
24 m³ / 24 h

TANK CAPACITY

	m ³	Capacity %	SG T/m ³	t
Fuel Oil + dual purpose tanks	3842,51	98	0,960	3615,03
Diesel Oil	156,85	98	0,860	127,99
Lubricating Oil	162,57	98	0,900	140,46
Fresh Water	276,65	100	1,000	276,65
Ballast Water + dual purpose tanks	11183,14	100	1,025	11462,72
Miscellaneous Tanks	170,55	98	1,025	163,73



FREEBOARD MARK & DEADWEIGHT SCALE



Deadweight Scale						
Draft (m)	Freeboard from Deck Line (m)	M.T.C (t-m)	T.P.C (t)	Displace- ment (t)	Deadweight (t)	Draft (m)
		720				
		710		47000	34000	
11,5	4,0	700		46000	33000	11,5
		690	49,0	45000	32000	
		680		44000	31000	
11,0	4,5	670		43000	30000	11,0
		660		42000	29000	
10,5	5,0	650	48,0	41000	28000	10,5
		640		40000	27000	
		630		39000	26000	
10,0	5,5	620	47,0	38000	25000	10,0
		610		37000	24000	
		600		36000	23000	
		590	46,0	35000	22000	
9,5	6,0	580		34000	21000	9,5
		570		33000	20000	
		560		32000	19000	
		550	45,0	31000	18000	
9,0	6,5	540		30000	17000	9,0
		530		29000	16000	
		520		28000	15000	
		510	44,0	27000	14000	
8,5	7,0	500		26000	13000	8,5
		490		25000	12000	
		480	43,0	24000	11000	
8,0	7,5	470		23000	10000	8,0
		460		22000	9000	
7,5	8,0	450	42,0	21000	8000	7,5
		440		20000	7000	
7,0	8,5	430		19000	6000	7,0
		420	41,0	18000	5000	
		410		17000	4000	
6,5	9,0	400	40,0	16000	3000	6,5
		390		15000	2000	
6,0	9,5	380	39,0	14000	1000	6,0
		370		13000	0	
5,5	10,0	360		12000		5,5
		350	38,0	11000		
5,0	10,5					5,0
4,5	11,0					4,5
4,0	11,5					4,0
3,5	12,0					3,5

DEADWEIGHT DRAFT
(T) (m)

SUMMER S.W. (S) **30281** **11,00**

Constant stores: 350

Light ship 13262 t



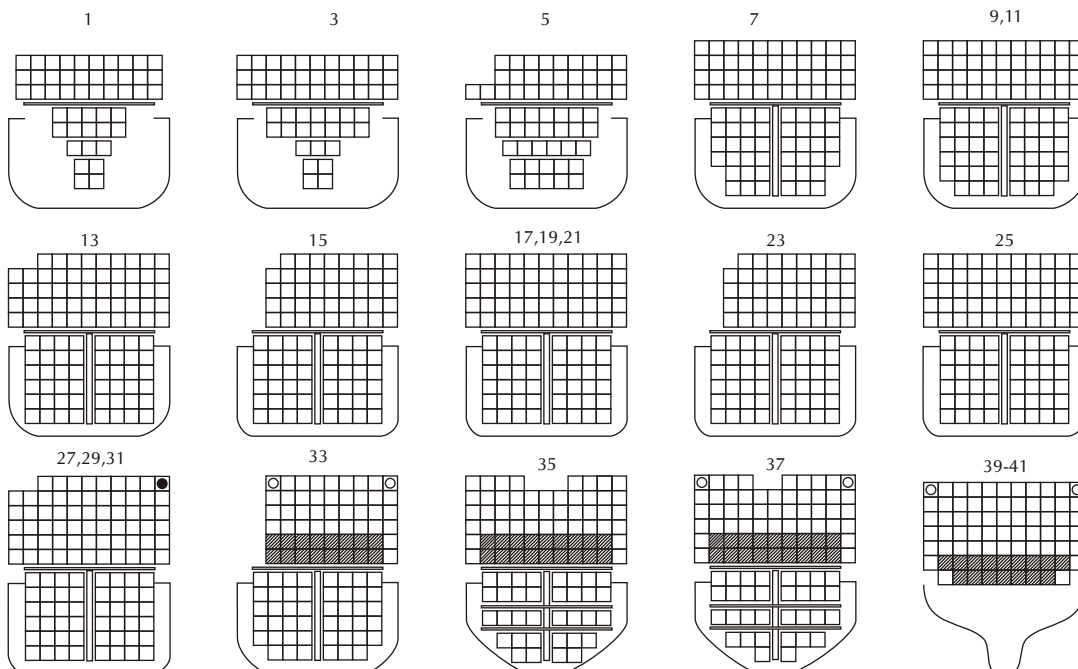
CONTAINER CAPACITY

5	4	3	2	1	HATCH No
41 39 40	37 35 36	33 31 29 27 25 32 - 26	23 21 19 17 15 22 - 16	13 11 09 07 12 08	05 03 01 04 -
TEU FEU+(TEU)	BAY No				

11 11 11 11 11 11 11 11 11 11 11 11 9 9	9 8 11 11 11 11 9 11 11 11 11 11 9 11 9 11	9 9 9 11 9 11 9 11 9 11 9 11 9 11 9 11	9 9 11 11 11 11 11 11 11 11 11 11 11 11 11 11	8 11 9 11 11 11 9 11 11 11 9 11 11 11 9 11	11 8 11 9 11 9 11 9 11 9 11 9 11 9 11 9	9 11 11 11 11 11 11 11 11 11 11 11 11 11 11	9 11 10 9 11 10 11 11 10 11 11 10	7 7 5 7 7 5 6 3 3 5 2 2 5 2 2
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GRAND TOTAL

DECK	1108		75 75	64 63	54 64 64 64 55	44 55 55 55 44	53 44 44 44	29 33 30	TEU	DECK
		452 +(179)	75	63	54+(10) (64) 55	44+(10) (55) 44+(10)	44 44	29 (30)	FEU+(TEU)	
HOLDS	796		32 34	46 48 48 48 48	48 48 48 48 48	48 46 46 44	30 21 17	TEU	HOLDS	
		329 +(138)	32+(2)	46+(2) (48) 48	48 (48) 48	46+(2) 44+(2)	(30) 17+(4)	FEU+(TEU)		
DECK & HOLDS	1904		75 75	96 97	100 112 112 112 103	92 103 103 103 92	101 90 90 88	59 54 47	TEU	TOTAL IN BAL
		781 + (317)	75	95+(2)	100+(12) (112) 103	92+(10) (103) 92+(10)	90+(2) 88+(2)	46+(30) (34)	FEU+(TEU)	



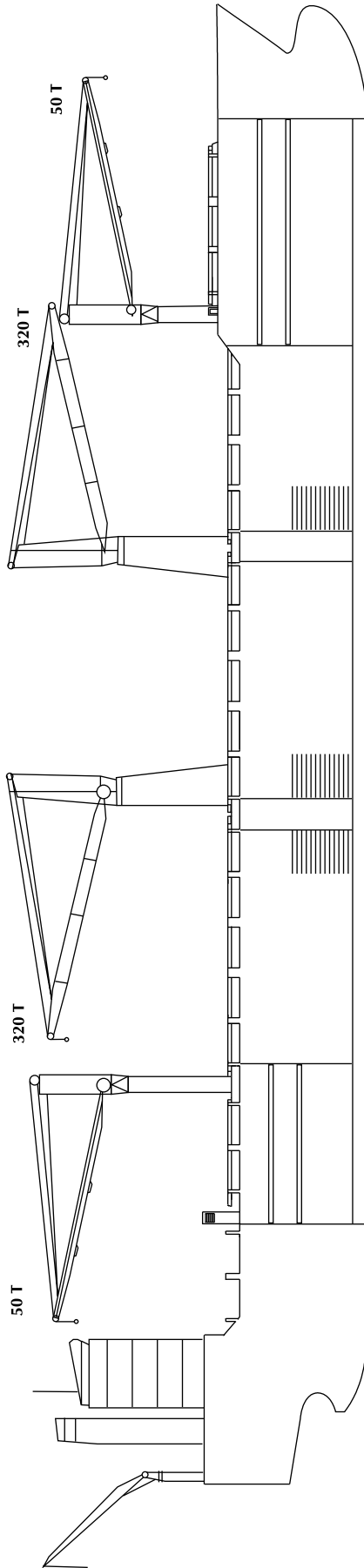
- ☐ - 40' only
 ● - bay 27, 31: 40' only

■ Refrigerated TEU 20

MAX. PERMISSIBLE LOADING

	Uniform Distrib. T / m ²	T / per Stack of	Fork lift
	Hatch covers	TEU	T / Axle
Upper Deck	2,5	90	110
Weather deck hatch covers	2,5	70/50*	85/65*
Tweendeck hatch covers	4	35	45
Double Bottom Tank Top	18	144	180

*HC No 1



PRINCIPAL DIMENSIONS

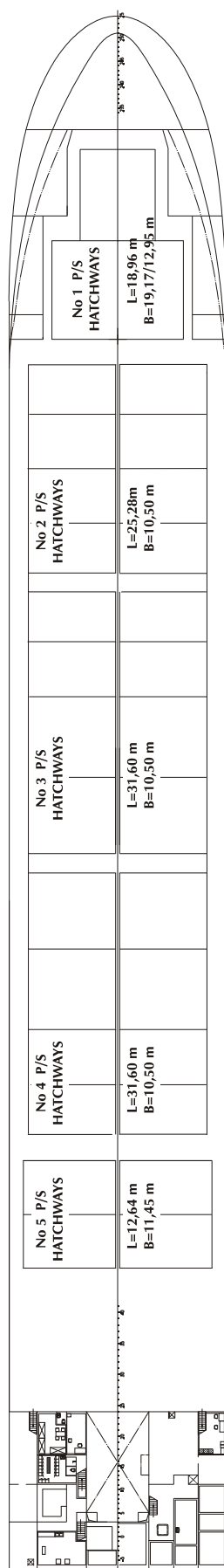
HATCH No	1	2	3	4	5
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DIMENSIONS (m)	L	B	H	L	B	H	L	B	H	L	B	H
Upper Tweendeck A*	26,8	12,9-19,1	5,8**	25,2	10,5	3,5-6,1	31,6	10,5	3,5-6,1	31,6	10,5	3,5-6,1
Lower Tweendeck B*	27,5	8,9-16,1	3,1	25,2	10,5	2,0-4,6	31,6	10,5	2,0-4,6	31,6	10,5	2,0-4,6
Lower Hold	31,3	5,1-13,4	5,4	25,2	10,5	3,9-6,5	31,6	10,5	3,9-6,5	31,6	10,5	3,9-6,5

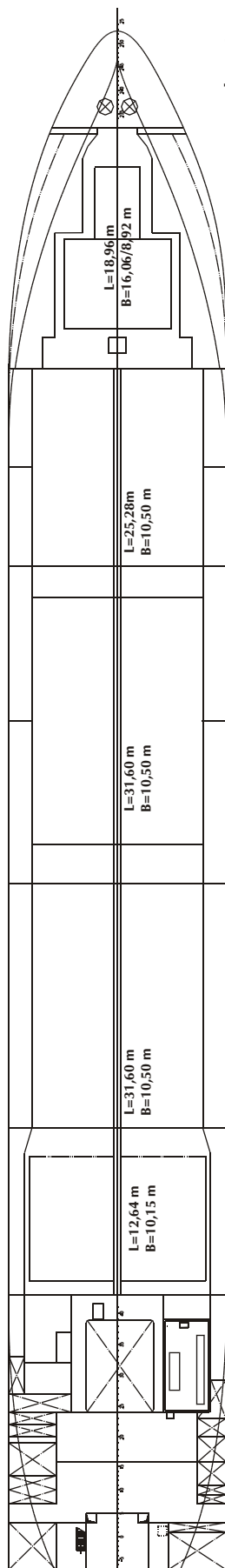
*) Breadths in holds 2 - 5 divided by longitudinal bulkhead into two (P&S) compartments.

**) Max heights in Upper Tweendecks within Hatchcoamings.

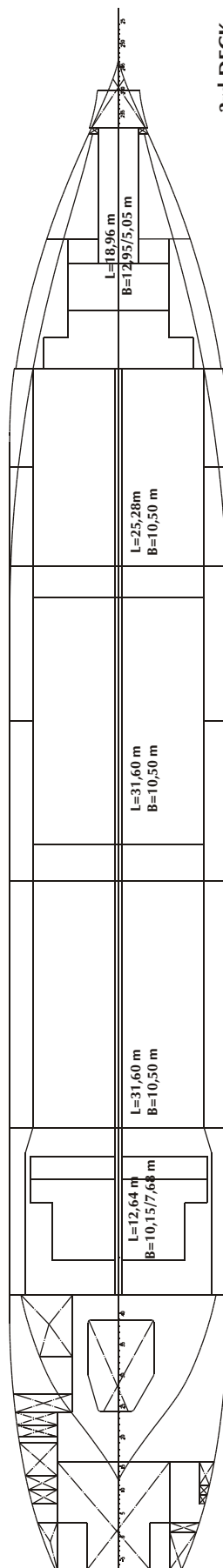
BALE CAPACITY	m ³	cub.ft	m ³	cub.ft	m ³	cub.ft	m ³	cub.ft	m ³	cub.ft	m ³	cub.ft
Upper Tweendeck A	2 638	93 160	2x1632	115 266	2x2 040	144 084	2x2 040	144 084	1 174(P)+1 181(S)	83 166	16 417	579 760
Lower Tweendeck B	1 147	40 506	2x1229	86 804	2x1 536	108 486	2x1 536	108 486	832(P)+838(S)	58 976	11 419	403 258
Lower Hold	1 595	56 327	2x888	62 718	2x1 298	91 676	2x1 253	88 498	803(P)+805(S)	56 786	10 081	356 005
Total	5 380	189 993	7 498	264 788	9 748	344 246	9 658	341 068	5 633	198 928	37 917	1 339 023



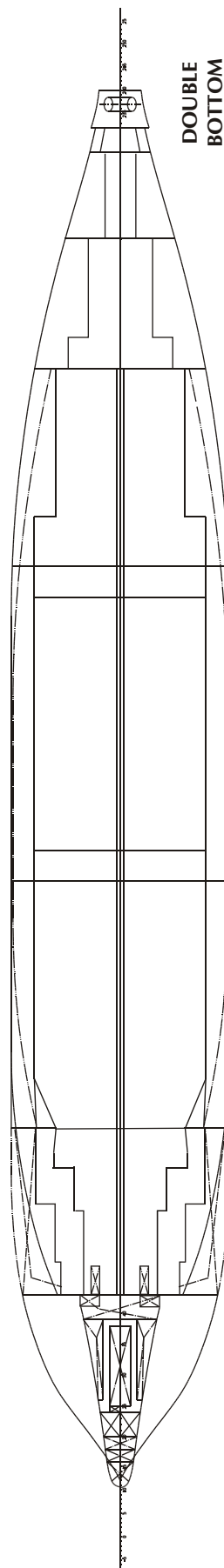
UPPER DECK



2nd DECK



3rd DECK

DOUBLE
BOTTOM
TANKS & HOLDS



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