



<u>FLAG</u>	<b>HONGKONG</b>	<u>PORT OF REGISTRY</u>	<b>HONGKONG</b>
		<u>IMO No</u>	<b>9272216</b>
<u>MASTER/CREW</u>	<b>CHINESE</b>	<u>INMARSAT "C" No</u>	<b>447700014</b>
<u>CALL SIGN</u>	<b>VRZT3</b>		
<u>BUILT</u>	<b>April.2004, Shanghai Shipyard</b>	<u>OPERATED SINCE</u>	<b>5 May.2004</b>
<u>TONNAGE</u>		<u>GROSS</u>	<u>NET</u>
	International	<b>24167</b>	<b>10714</b>
	Suez Canal	<b>24002</b>	<b>20515</b>
	Panama Cana		<b>21181</b>
<u>CLASS</u>	<b>GL+100 A5 E, G, IW, NAV-0, SOLAS - 2 Reg.54 + MC E AUT</b>		

TYPE Multipurpose cargo ship. Adapted for carriage of containers.  
Strengthened for carriage of heavy cargoes. Holds No 2 and 4 may be empty.



<u>MAIN ENGINE</u>							<u>SPEED</u>	<u>FUEL CON-</u> <u>SUMPTION</u>
Type	kW ~ BHP		at rpm		Fuel		knots	t/day
<b>SULZER 7RT - FLEX60C</b>	<b>16250 - 22109</b>		108		<b>IFO 380</b>		<b>13,4</b>	<b>23,4</b>
							<b>13,8</b>	<b>25,2</b>
							<b>14,5</b>	<b>29,1</b>
							<b>15,1</b>	<b>33,3</b>
							<b>15,8</b>	<b>38,0</b>
							<b>16,5</b>	<b>43,0</b>
							<b>16,8</b>	<b>45,7</b>
							<b>17,1</b>	<b>48,5</b>
							<b>17,8</b>	<b>54,5</b>
							<b>18,5</b>	<b>60,9</b>
<u>AUXILIARY ENGINES Diesel Generator sets</u>								
Type	kW	rpm	kVA	AC V	Hz	Fuel		
<b>3 x WARTSILA 6L20</b>	<b>1020</b>	<b>900</b>				<b>IFO 380</b>		
<b>GENERATOR ABB AMG 450L8</b>			<b>1020</b>	<b>450</b>	<b>60</b>			
<b>1 x EMERGENCY: DAMP D2866TE</b>			<b>212,5</b>	<b>450</b>	<b>60</b>			
<u>BOILERS</u>							Aux.Eng	<b>2,8</b>
Type	kg/h		bar		Fuel		<u>PORT</u>	<b>4,3</b>
<b>Oil-fired AALBORG MISSION OS1600</b>	<b>1500</b>		<b>7</b>		<b>IFO 380</b>		Aux.Eng	
<b>EXHAUST-GAS AALBORG AV-4</b>	<b>1100</b>		<b>7</b>				Boiler	

VENTILATION of cargo compartments

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

FRESH WATER EVAPORATOR

**20 m<sup>3</sup> / 24 h**

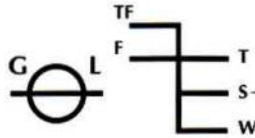
TANK CAPACITY

	m <sup>3</sup>	Capacity %	SG T/m <sup>3</sup>	t
Fuel Oil + dual purpose tanks	<b>2741,83</b>	<b>98</b>	<b>0,960</b>	<b>2632,2</b>
Diesel Oil	<b>175,4</b>	<b>98</b>	<b>0,860</b>	<b>150,8</b>
Lubricating Oil	<b>142,6</b>	<b>98</b>	<b>0,900</b>	<b>128,3</b>
Fresh Water	<b>275,5</b>	<b>100</b>	<b>1,000</b>	<b>275,5</b>
Ballast Water + dual purpose tanks	<b>11886,1</b>	<b>100</b>	<b>1,025</b>	<b>12183,2</b>
Miscellaneous Tanks	<b>164,65</b>	<b>98</b>	<b>1,025</b>	<b>168,8</b>





**FREEBOARD MARK & DEADWEIGHT SCALE**



Deadweight Scale						
Draft (m)	Freeboard from Deck Line (m)	M.T.C (t-m)	T.P.C (t)	Displacement (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	
		650	48,0	41000	28000	
10,5	5,0	640		40000	27000	10,5
		630		39000	26000	
		620		38000	25000	
10,0	5,5	610	47,0	37000	24000	10,0
		600		36000	23000	
		590		35000	22000	
		580		34000	21000	
9,5	6,0	570	46,0	33000	20000	9,5
		560		32000	19000	
		550		31000	18000	
		540		30000	17000	
9,0	6,5	530	45,0	29000	16000	9,0
		520		28000	15000	
		510		27000	14000	
8,5	7,0	500		26000	13000	8,5
		490	44,0	25000	12000	
8,0	7,5	480		24000	11000	8,0
		470		23000	10000	
7,5	8,0	460	43,0	22000	9000	7,57
		450		21000	8000	
		440	42,0	20000	7000	
		430		19000	6000	
7,0	8,5	420		18000	5000	7,0
		410	41,0	17000	4000	
		400		16000	3000	
		390		15000	2000	
6,5	9,0	380		14000	1000	6,5
		370	39,0	13000	0	
		360		12000		
6,0	9,5	350		11000		6,0
			40,0			
5,5	10,0					5,5
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)

Fresh Water (F)              **30270**              **11,23**

SUMMER S.W. (S)              **30435**              **11,00**

Constant stores:              300

Light ship 13084 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

TIER No	TOTAL IN TIER TEU	FEU+(TEU)
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94	18	11+(0)
92	67	28+(9)
90	155	58+(26)
88	192	82+(26)
86	222	91+(38)
84	222	91+(38)
82	220	91+(36)
12	147	61+(25)
10	147	61+(25)
8	140	59+(22)
6	133	56+(21)
4	125	50+(27)
2	104	42+(18)



GRAND TOTAL TEU	FEU+(TEU)
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DECK	1096	452+(173)
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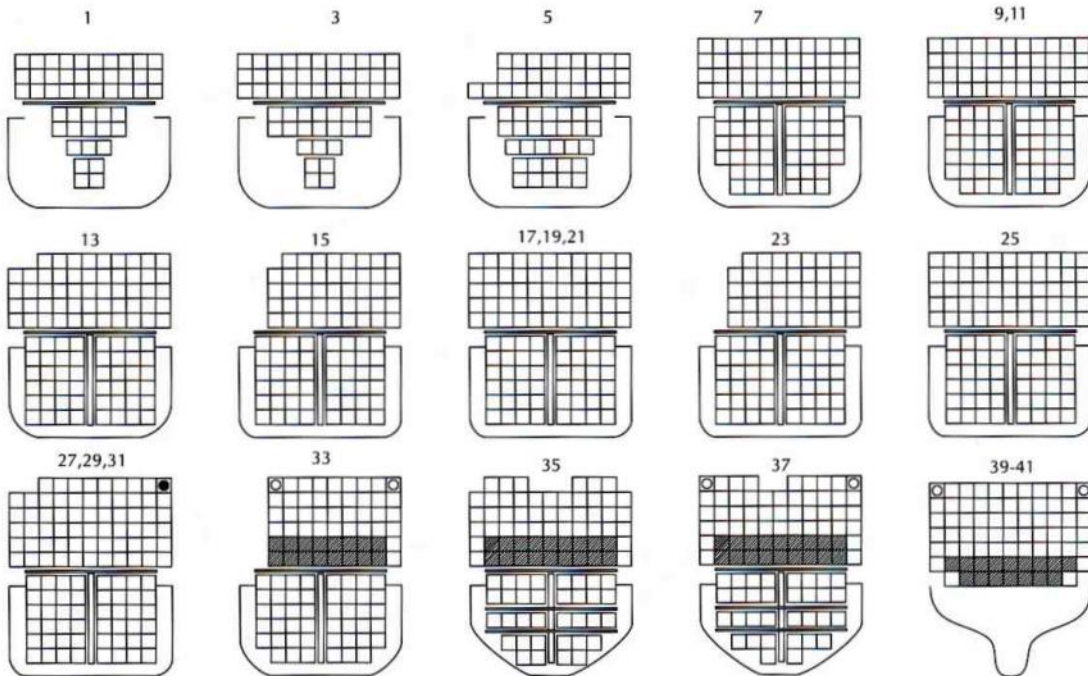
73 73 75	62 61 63	52 63 64 63 55 54+(10) (64) 55	44 55 55 55 44 44+(10) 55 44	53 44 44 44 44 44	29 33 30 29+(4) (30)	TEU FEU+(TEU)	DECK
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HOLDS	796	329+(138)
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	32 34 32+(2)	46 48 48 48 48 46+(2) (48) 48	48 48 48 48 48 48 (48) 48	48 46 46 44 46+(2) 44+(2)	30 21 17 (30) 17+(4)	TEU FEU+(TEU)	HOLDS
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DECK & HOLDS	1892	781+(311)
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73 73 75	94 95 95+(2)	98 111 112 111 103 100+(14) (112) 103	92 103 103 103 92 92+(10) (103) 92	101 90 90 88 90+(2) 88+(2)	59 54 47 46+(34) 34	TEU FEU+(TEU)	TOTAL IN BAY
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- ☐ - 40' only
- - bay 27, 31: 40' only

■ Refrigerated TEU

MAX. PERMISSIBLE LOADING

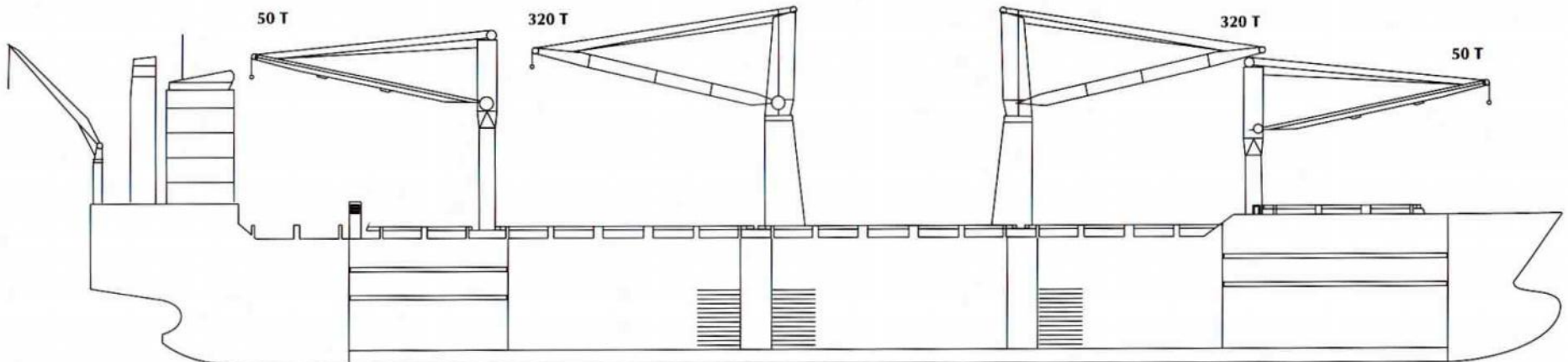
Uniform Distrib. T/m<sup>2</sup>  
Hatch covers | Deck

T/per Stack of  
TEU | FEU

Fork lift  
T / Axle

Upper Deck	2,5	90	110	-
Weather deck hatch covers	2,5	70/50*	85/65*	-
Tweendeck hatch covers	4	35	45	8
Double Bottom Tank Top	18	144	180	8





**PRINCIPAL DIMENSIONS**

LENGTH overall	m	199,8	DEPTH moulded	m	15,5	HEIGHT maximal	m	50,9
- btw perpendic.		189,0						
BREADTH moulded		27,8						

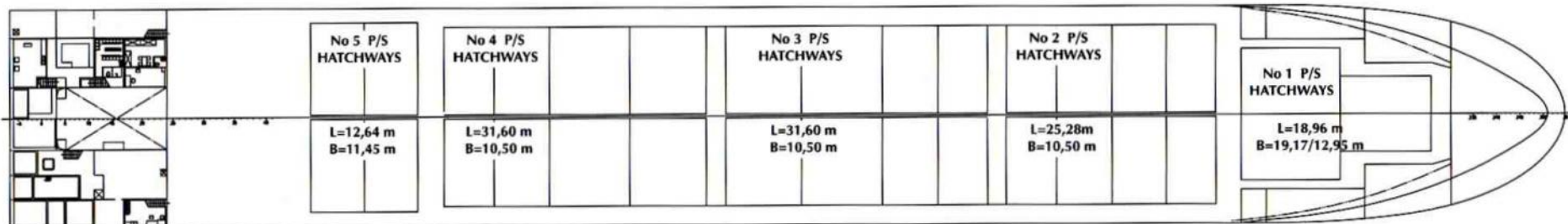
HATCH No	1	2	3	4	5
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DIMENSIONS (m)	L	B	H	L	B	H	L	B	H	L	B	H	L	B	H
Upper Tweendeck A*	26,8	12,9-19,1	5,8**	25,2	10,5	3,9-6,5	31,6	10,5	3,9-6,5	31,6	10,5	3,9-6,5	19,7	11,45	5,8**
Lower Tweendeck B*	27,5	8,9-16,1	3,1	25,2	10,5	2,0-4,6	31,6	10,5	2,0-4,6	31,6	10,5	2,0-4,6	19,7	11,45	3,5
Lower Hold	31,3	5,1-13,4	5,4	25,2	10,5	3,5-6,1	31,6	10,5	3,5-6,1	31,6	10,5	3,5-6,1	19,7	4,2-7,8	5,2

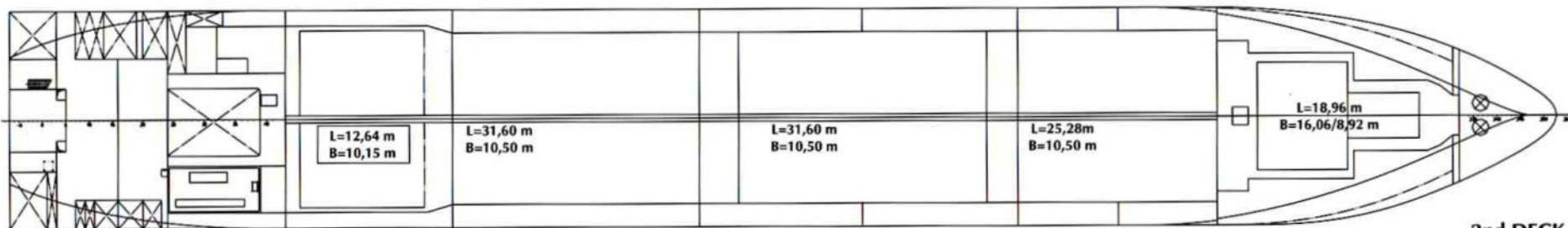
\*) Breadths in holds 2 - 5 divided by longitudinal bulkhead into two (P&S) compartments.  
 \*\*) Max heights in Upper Tweendecks within Hatchcoamings.

BALE CAPACITY	m <sup>3</sup>	cub.ft	m <sup>3</sup>	cub.ft	m <sup>3</sup>	cub.ft	m <sup>3</sup>	cub.ft	m <sup>3</sup>	cub.ft	m <sup>3</sup>	cub.ft	m <sup>3</sup>	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		
<b>Total</b>	<b>5 380</b>	<b>189 993</b>	<b>7 498</b>	<b>264 788</b>	<b>9 748</b>	<b>344 246</b>	<b>9 658</b>	<b>341 068</b>		<b>5 633</b>	<b>198 928</b>	<b>37 917</b>	<b>1 339 023</b>	

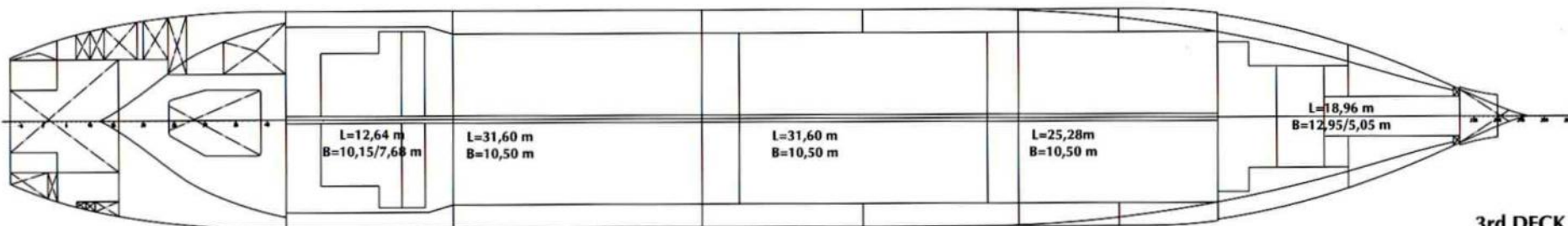




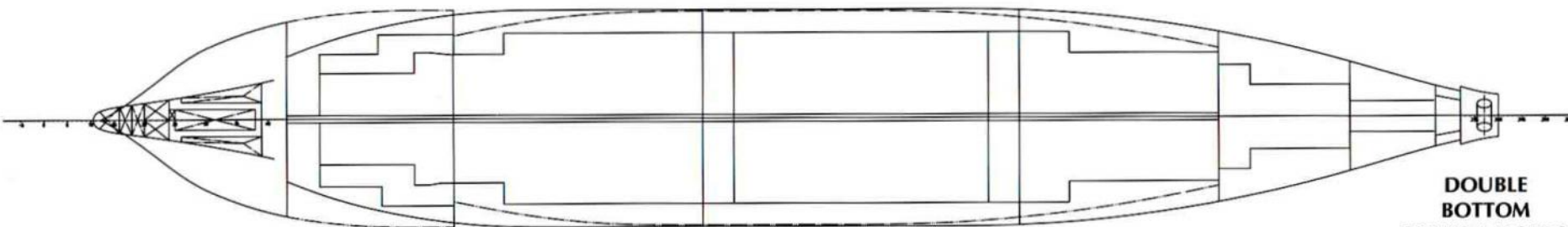
UPPER DECK



2nd DECK



3rd DECK



DOUBLE  
BOTTOM  
TANKS & HOLDS



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