



<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 Canal	.	<b>21181</b>
<u>CLASS</u>	<b>CCS: *CSA ICE CLASS B *CSM AUT-O OMBO CMS</b>		

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



MAIN ENGINE

Type	kW ~ BHP	at rpm	Fuel
<b>SULZER 7RT - FLEX60C</b>	<b>16250 - 22109</b>	108	<b>IFO 380</b>

AUXILIARY ENGINES Diesel Generator sets

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>	

BOILERS

Type	kg/h	bar	Fuel
<b>Oil-fired AALBORG MISSION OS1600</b>	<b>1500</b>	<b>7</b>	<b>IFO 380</b>
<b>EXHAUST-GAS AALBORG AV-4</b>	<b>1100</b>	<b>7</b>	

<u>SPEED</u>	<u>FUEL CONSUMPTION</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

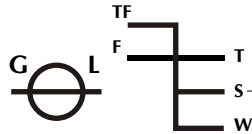
**20 m<sup>3</sup> / 24 h**

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	49,0	46000	33000	11,5
		690		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		35000	22000	
9,5	6,0	580	46,0	34000	21000	9,5
		570		33000	20000	
		560		32000	19000	
		550		31000	18000	
9,0	6,5	540	45,0	30000	17000	9,0
		530		29000	16000	
		520		28000	15000	
		510		27000	14000	
8,5	7,0	500	44,0	26000	13000	8,5
		490		25000	12000	
8,0	7,5	480	43,0	24000	11000	8,0
		470		23000	10000	
7,5	8,0	460	42,0	22000	9000	7,5
		450		21000	8000	
		440		20000	7000	
7,0	8,5	430	41,0	19000	6000	7,0
		420		18000	5000	
		410		17000	4000	
6,5	9,0	400	40,0	16000	3000	6,5
		390		15000	2000	
		380		14000	1000	
		370		13000	0	
6,0	9,5	360	39,0	12000	0	6,0
		350		11000	0	
		340		10215	1,021	
5,5	10,0	330	38,0	10016	1,016	5,5
		320		10011	1,011	
5,0	10,5	310		10006	1,006	5,0
		300		10001	1,001	
4,5	11,0	290				4,5
		280				
4,0	11,5	270				4,0
		260				
3,5	12,0	250				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

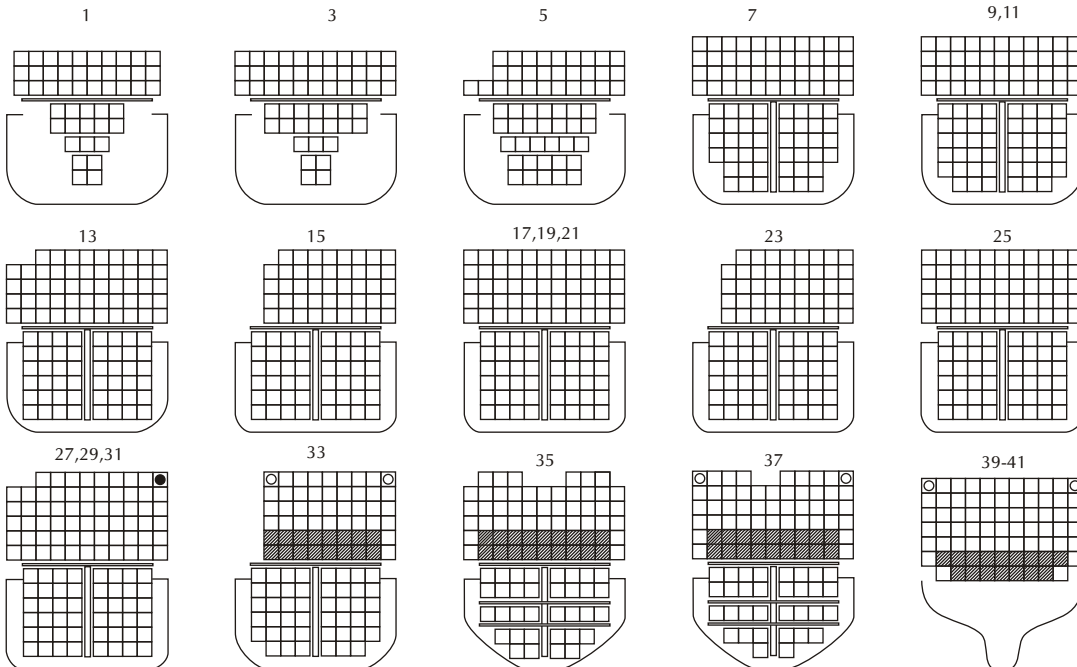
5		4				3				2		1			HATCH No	
41 39 40	37 35 36	33 31 29 27 25 32 - 26	23 21 19 17 15 22 - 16	13 11 09 07 12 08	05 03 01 04 -	TEU FEU+(TEU)		BAY No								

TIER No	TOTAL IN TIER TEU   FEU+(TEU)		9 9 11 11		7 6 11 11		7 8 9 11 11 11 11		9 8 11 11 11 11 11		8 11 11 11 8 9 11 11 11 9		9 11 11 11 11		9 11 10 9 11 10 11 11 10		
94	18	11+(0)	8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		7 7 5 7 7 5		
92	67	28+(9)	8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		6 3 3		
90	155	58+(26)	6 6 2 4		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		5 2 2 5 2 2		
88	192	82+(26)			8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8				
86	222	91+(38)			8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8				
84	222	91+(38)			8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8				
82	220	91+(36)			8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8				
12	147	61+(25)			8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8				
10	147	61+(25)			8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8				
8	140	59+(22)			8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8				
6	133	56+(21)			8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8				
4	125	50+(27)			8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8				
2	104	42+(18)			8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8		8 8 8 8 8 8				

GRAND TOTAL  
TEU | FEU+(TEU)

DECK	1096 452+(173)	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	
HOLDS	796 329+(138)		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	
DECK & HOLDS	1892 781+(311)	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	



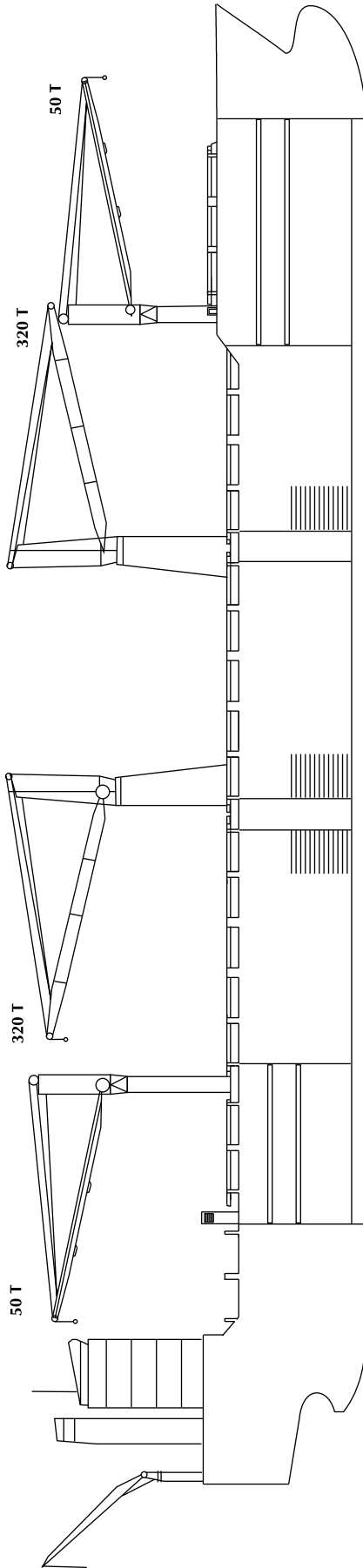
- ⊠ - 40' only
- ⊡ - bay 27, 31: 40' only

▣ Refrigerated TEU 20

MAX. PERMISSIBLE LOADING

	Uniform Distrib. T /m <sup>2</sup>		T /per Stack of		Fork lift T / Axle
	Hatch covers	Deck	TEU	FEU	
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	

\*HC No 1



PRINCIPAL DIMENSIONS

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

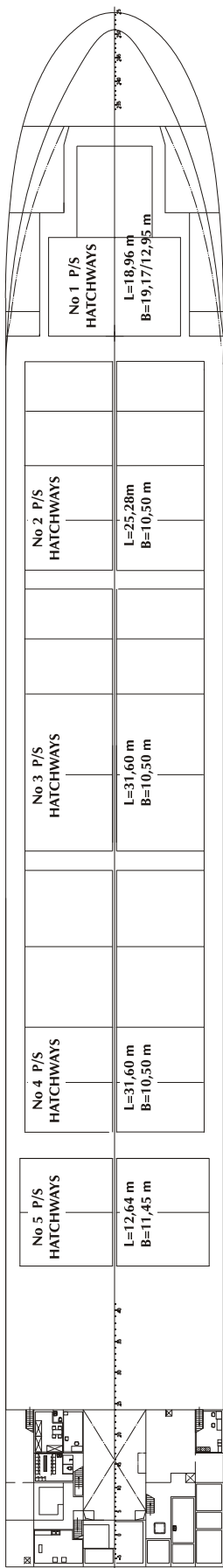
HATCH No	1	2	3	4	5
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DIMENSIONS (m)	L	B	H	L	H	L	B	H	L	B	H	L	B	H
Upper Tweendeck A*	26,8	12,9-19,1	5,8**	25,2	3,9-6,5	31,6	10,5	3,9-6,5	31,6	10,5	3,9-6,5	19,7	11,45	5,8**
Lower Tweendeck B*	27,5	8,9-16,1	3,1	25,2	2,0-4,6	31,6	10,5	2,0-4,6	31,6	10,5	2,0-4,6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

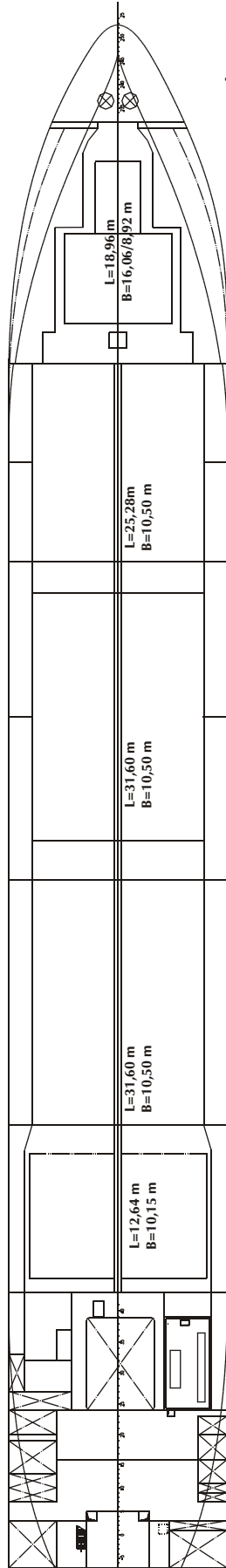
\*) Breadths in holds 2 - 5 divided by longitudinal bulkhead into two (P&S) compartments.

\*\*) Max heights in Upper Tweendecks within Hatchcoamings.

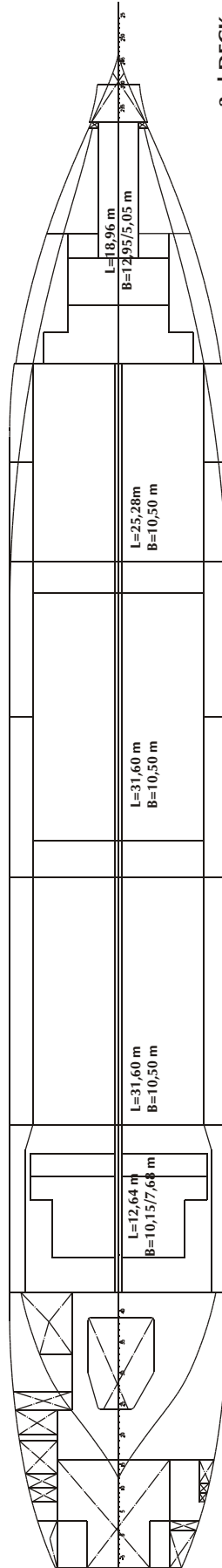
BALE CAPACITY	m <sup>3</sup>	cab.ft	m <sup>3</sup>	cab.ft	m <sup>3</sup>	cab.ft	m <sup>3</sup>	cab.ft	m <sup>3</sup>	cab.ft	m <sup>3</sup>	cab.ft
Upper Tweendeck A	2 638	93 160	2x1632	115 266	2x2 040	144 084	2x2 040	144 084	1 174(P)+1 181(S)	83 166	16 417	579 760
Lower Tweendeck B	1 147	40 506	2x1229	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>



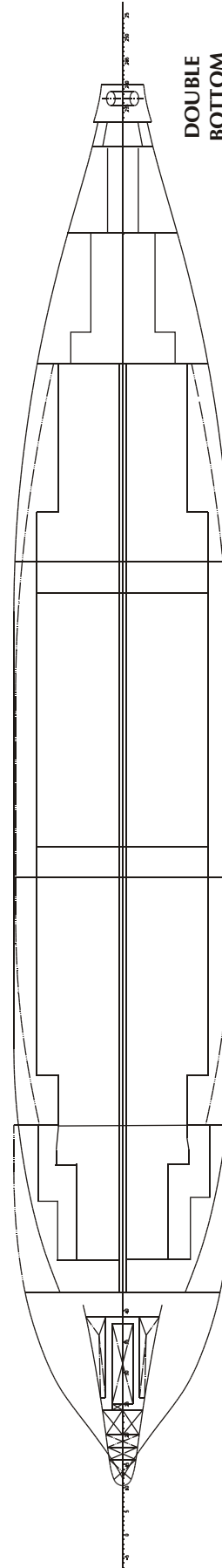
UPPER DECK



2nd DECK



3rd DECK



DOUBLE  
BOTTOM  
TANKS & HOLDS



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NOTES



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Gdynia, July 2005.

Edition: 500 copies

Published by: CHIPOLBROK Chinese - Polish Joint Stock Shipping Co. Branch Office, Gdynia

Printed by: KRET

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