



|                    |                                                    |                         |                    |
|--------------------|----------------------------------------------------|-------------------------|--------------------|
| <u>FLAG</u>        | <b>MALTA</b>                                       | <u>PORT OF REGISTRY</u> | <b>VALLETTA</b>    |
|                    |                                                    | <u>IMO No</u>           | <b>9272228</b>     |
| <u>MASTER/CREW</u> | <b>POLISH</b>                                      | <u>INMARSAT "C" No</u>  | <b>424816111</b>   |
| <u>CALL SIGN</u>   | <b>9HA4540</b>                                     |                         |                    |
| <u>BUILT</u>       | <b>Dec.2004,<br/>Shanghai Shipyard</b>             | <u>OPERATED SINCE</u>   | <b>8 Dec. 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>LR: 100A1, *IWS, LI, ICE CLASS 1D, LMC, UMS</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> | <b>108</b> | <b>IFO 380</b> |

SPEED

knots

FUEL CON-SUMPTION

t/day

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> |                |

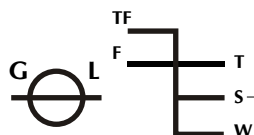
Aux.Eng

**2,8**PORTAux.Eng  
Boiler**4,3**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<br>+ 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<br>+ 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<br>(m)     | Freeboard<br>from<br>Deck Line<br>(m) | M.T.C<br>(t-m) | T.P.C<br>(t) | Displace-<br>ment<br>(t) | Deadweight<br>(t) | Draft<br>(m) |
|                  |                                       | 720            |              | 47000                    | 34000             |              |
|                  |                                       | 710            |              | 46000                    | 33000             |              |
| 11,5             | 4,0                                   | 700            | 49,0         | 45000                    | 32000             | 11,5         |
|                  |                                       | 690            |              | 44000                    | 31000             |              |
|                  |                                       | 680            |              | 43000                    | 30000             |              |
| 11,0             | 4,5                                   | 670            |              | 42000                    | 29000             | 11,0         |
|                  |                                       | 660            |              | 41000                    | 28000             |              |
|                  |                                       | 650            | 48,0         | 40000                    | 27000             |              |
| 10,5             | 5,0                                   | 640            |              | 39000                    | 26000             | 10,5         |
|                  |                                       | 630            |              | 38000                    | 25000             |              |
|                  |                                       | 620            |              | 37000                    | 24000             |              |
| 10,0             | 5,5                                   | 610            | 47,0         | 36000                    | 23000             | 10,0         |
|                  |                                       | 600            |              | 35000                    | 22000             |              |
|                  |                                       | 590            |              | 34000                    | 21000             |              |
|                  |                                       | 580            |              | 33000                    | 20000             |              |
|                  |                                       | 570            | 46,0         | 32000                    | 19000             |              |
| 9,5              | 6,0                                   | 560            |              | 31000                    | 18000             | 9,5          |
|                  |                                       | 550            |              | 30000                    | 17000             |              |
|                  |                                       | 540            |              | 29000                    | 16000             |              |
|                  |                                       | 530            |              | 28000                    | 15000             |              |
| 9,0              | 6,5                                   | 520            | 45,0         | 27000                    | 14000             | 9,0          |
|                  |                                       | 510            |              | 26000                    | 13000             |              |
|                  |                                       | 500            |              | 25000                    | 12000             |              |
| 8,5              | 7,0                                   | 490            | 44,0         | 24000                    | 11000             | 8,5          |
|                  |                                       | 480            |              | 23000                    | 10000             |              |
|                  |                                       | 470            |              | 22000                    | 9000              |              |
| 7,5              | 8,0                                   | 460            | 43,0         | 21000                    | 8000              | 7,57         |
|                  |                                       | 450            |              | 20000                    | 7000              |              |
|                  |                                       | 440            | 42,0         | 19000                    | 6000              |              |
| 7,0              | 8,5                                   | 430            |              | 18000                    | 5000              | 7,0          |
|                  |                                       | 420            |              | 17000                    | 4000              |              |
|                  |                                       | 410            | 41,0         | 16000                    | 3000              |              |
| 6,5              | 9,0                                   | 400            |              | 15000                    | 2000              | 6,5          |
|                  |                                       | 390            |              | 14000                    | 1000              |              |
|                  |                                       | 380            |              | 13000                    | 0                 |              |
| 6,0              | 9,5                                   | 370            | 39,0         | 12000                    |                   | 6,0          |
|                  |                                       | 360            |              | 11000                    |                   |              |
| 5,5              | 10,0                                  | 350            | 38,0         | 10000                    |                   | 5,5          |
|                  |                                       | 340            |              | 9000                     |                   |              |
| 5,0              | 10,5                                  | 330            |              | 8000                     |                   | 5,0          |
|                  |                                       | 320            |              | 7000                     |                   |              |
| 4,5              | 11,0                                  | 310            |              | 6000                     |                   | 4,5          |
|                  |                                       | 300            |              | 5000                     |                   |              |
| 4,0              | 11,5                                  | 290            |              | 4000                     |                   | 4,0          |
|                  |                                       | 280            |              | 3000                     |                   |              |
| 3,5              | 12,0                                  | 270            |              | 2000                     |                   | 3,5          |
|                  |                                       | 260            |              | 1000                     |                   |              |
|                  |                                       | 250            |              | 0                        |                   |              |

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<br>40 | 37 35<br>36 | 33 31 29 27 25<br>32 - 26 | 23 21 19 17 15<br>22 - 16 | 13 11 09 07<br>12 08 | 05 03 01<br>04 -     |
|             |             |                           |                           |                      | TEU FEU+(TEU) BAY No |

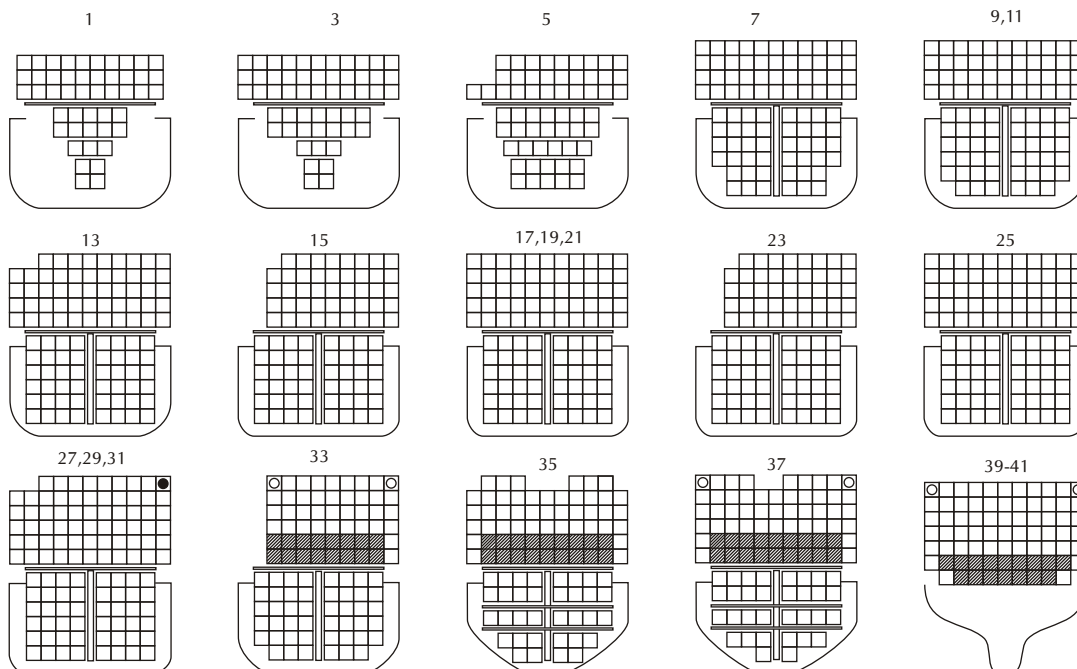
| TIER No | TOTAL IN TIER TEU FEU+(TEU) |
|---------|-----------------------------|
|---------|-----------------------------|

|    |     |         |
|----|-----|---------|
| 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) |

|                                                         |                                                                                            |                                                                                |                                                                                     |                                                                                 |                                                                                       |                                                                                 |                                                                                   |                                                                           |                                                                           |                                                                           |                                                                           |                                           |
|---------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------|
| 9 9<br>11 11<br>11 11<br>11 11<br>11 11<br>11 11<br>9 9 | 7 6<br>11 11<br>11 11<br>11 11<br>11 11<br>11 11<br>8 8<br>8 8<br>8 8<br>8 8<br>6 6<br>2 4 | 7 8<br>9 11<br>9 11<br>9 11<br>9 11<br>9 11<br>8 8<br>8 8<br>8 8<br>8 8<br>6 8 | 9 8<br>11 11<br>11 11<br>11 11<br>11 11<br>11 11<br>8 8<br>8 8<br>8 8<br>8 8<br>8 8 | 8 11<br>9 11<br>9 11<br>9 11<br>9 11<br>9 11<br>8 8<br>8 8<br>8 8<br>8 8<br>8 8 | 11 11<br>11 11<br>11 11<br>11 11<br>11 11<br>11 11<br>8 8<br>8 8<br>8 8<br>8 8<br>8 8 | 11 8<br>11 9<br>11 9<br>11 9<br>11 9<br>11 9<br>8 8<br>8 8<br>8 8<br>8 8<br>8 6 | 9<br>11 11<br>11 11<br>11 11<br>11 11<br>11 11<br>8 8<br>8 8<br>8 8<br>8 8<br>8 6 | 8 8<br>8 8<br>8 8<br>8 8<br>8 8<br>8 8<br>8 8<br>8 8<br>8 8<br>8 8<br>8 6 | 8 8<br>8 8<br>8 8<br>8 8<br>8 8<br>8 8<br>8 8<br>8 8<br>8 8<br>8 8<br>8 6 | 8 8<br>8 8<br>8 8<br>8 8<br>8 8<br>8 8<br>8 8<br>8 8<br>8 8<br>8 8<br>8 6 | 8 8<br>8 8<br>8 8<br>8 8<br>8 8<br>8 8<br>8 8<br>8 8<br>8 8<br>8 8<br>8 6 | 7 7 5<br>7 7 5<br>6 3 3<br>5 2 2<br>5 2 2 |
|---------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------|

| GRAND TOTAL TEU FEU+(TEU) |
|---------------------------|
|---------------------------|

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



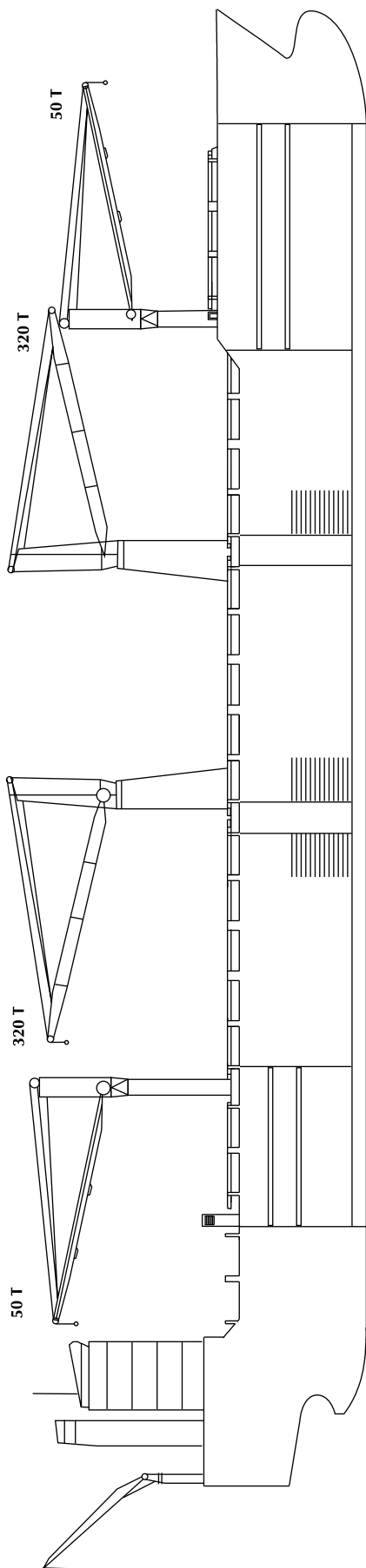
- ☐ - 40' only  
 ■ - bay 27, 31: 40' only

■ Refrigerated TEU 20

## MAX. PERMISSIBLE LOADING

|                           | Uniform Distrib. T / m <sup>2</sup> | T / per Stack of TEU | T / per Stack of 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                  |

\*HC No 1



## PRINCIPAL DIMENSIONS

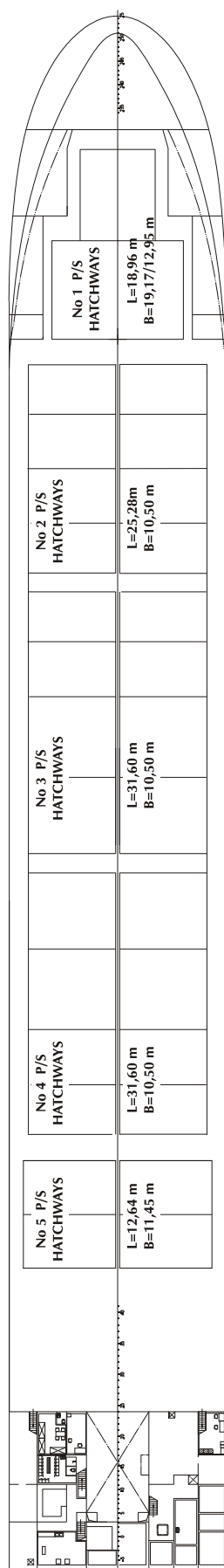
| HATCH No | 1                                                     | 2                           | 3             | 4         | 5              |
|----------|-------------------------------------------------------|-----------------------------|---------------|-----------|----------------|
|          | LENGTH overall<br>- btw perpendic.<br>BREADTH moulded | m<br>199,8<br>189,0<br>27,8 | DEPTH moulded | m<br>15,5 | HEIGHT maximal |
|          |                                                       | m<br>50,9                   |               |           |                |

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

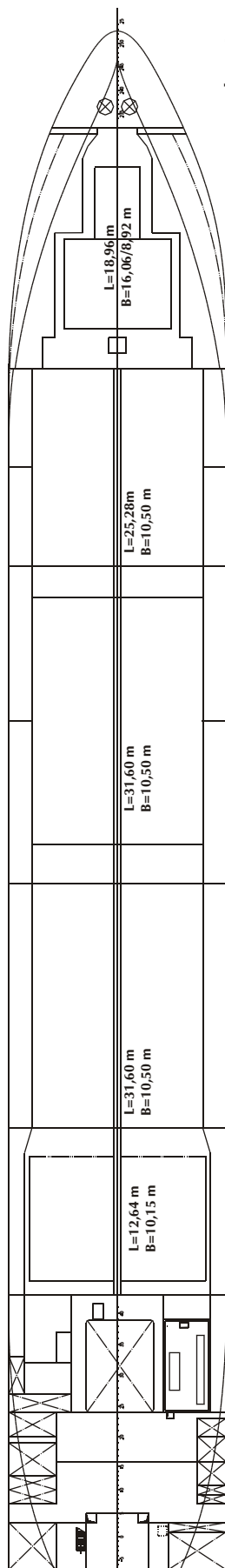
\*\*) Max heights in Upper Tweendecks within Hatchcoamings.

| 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 | 3,9-6,5 | 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 | 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 | 19,7 | 4,2-7,8 | 5,2   |

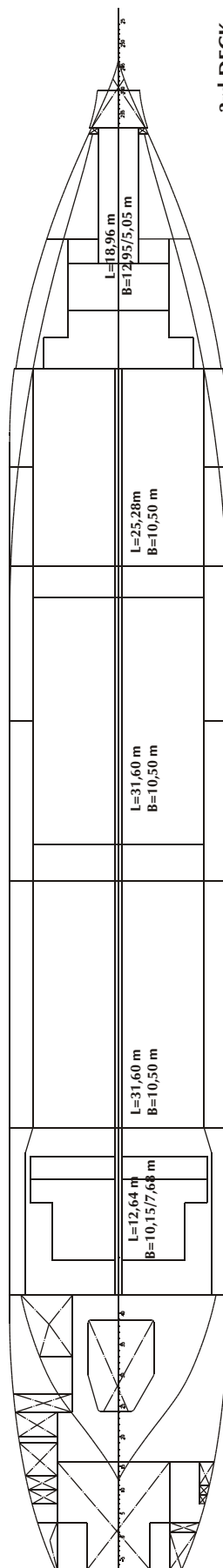
| BALE CAPACITY     |                |         |                |         |                |         |                |         |                   |        |                |           |
|-------------------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|-------------------|--------|----------------|-----------|
|                   | 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    |
| 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)+338(S)     | 58 976 | 11 419         | 403 258   |
| Lower Hold        | 1 595          | 56 327  | 2x888          | 62 718  | 2x1 298        | 91 676  | 2x1 298        | 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 | 198 928           | 5 633  | 37 917         | 1 339 073 |



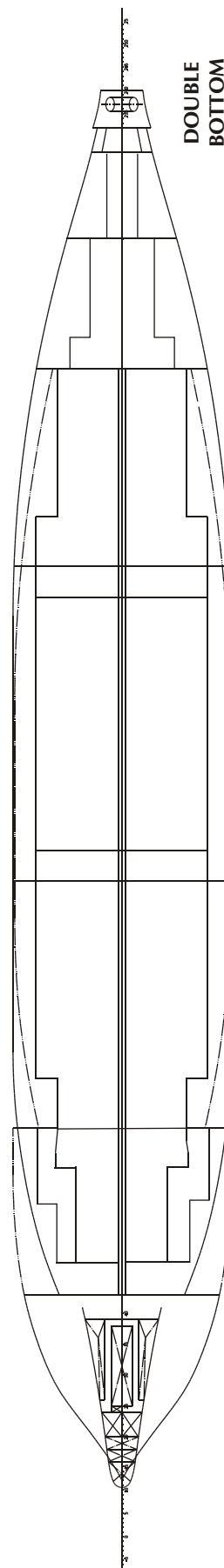
UPPER DECK



2nd DECK



3rd DECK

DOUBLE  
BOTTOM  
TANKS & HOLDS



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NOTES



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