

MV "PHUONG DONG 1"

I- PRINCIPAL PARTICULARS OF MV "PHUONG DONG 1" EX : " WEST ISLANDS"

1- GENERAL

| | | |
|-------------------------|---|---|
| OWNER'S NAME | : | VITRANSCHART |
| KIND OF SHIP | : | SD 15 - GENERAL CARGO SHIP |
| TYPE OF SHIP | : | TWO DECK SINGLE SCREW MOTOR VESSEL |
| SERVICE AREA | : | OCEAN GOING |
| HULL BUILDER | : | SMITH'S DOCK LTD SOUTH BANK,CLEVELAND, ENGLAND. |
| SHIP N ^o | : | 1358 |
| SHIP'S SPEED | : | TRIAL MAX : 15.0 K'T SERVICE : 12.5 K'T |
| DATE OF KEEL LAYING | : | JUN . 1985 |
| - LAUNCHING | : | |
| - DELIVERY | : | JUL . 1986 |
| NATIONALITY | : | VIETNAMESE |
| PORT OF REGISTRY | : | SAIGON |
| OFFICIAL N ^o | : | VNSG-1549-TH |
| CLASS & N ^o | : | LLOYD'S - +100A1 + LMC - N ^o 8500977 |
| CALL LETTER | : | 3WCR |
| IMO N ^o | : | 8500977. |
| IMN | : | 457412510 . |
| MMSI | : | 574125115 . |
| WATER TIGHT DIVISION | : | 8. |
| CONTINUOUS DECK | : | 1. |
| E/R LOCATION | : | Aft. |

2- PRINCIPAL DIMENSION

| | | | |
|-----------|--------|----------|--------------------|
| LENGTH | OA. | 144.00 M | . REG'D : 144.101M |
| | BP. | 137.50 M | |
| BREADTH | MLD. | 20.422 M | . REG'D 20.453M |
| DEPTH | MLD. | 11.750 M | . REG'D 11.002M |
| DRAUGHT | SUMMER | 8.867 M | |
| fREEBOARD | | 2919 mm | |

3- ANCHOR :

| LOCATION / TYPE | WEIGHT (Kgs) | CABLE GRADE | DIAMETER (mm) | TOTAL LENGTH (M) |
|--------------------|---------------|-------------|---------------|-------------------|
| STARBOARD (Hall) | 3966 | 2 | 54 | 247.5 |
| PORT(Hall) | 3972 | 2 | 54 | 275 |
| SPARE(Hall) | 1459 | 2 | | |

4- TONNAGE

| | | |
|-----------------|----------------|--------------|
| REGISTERED | G/T : 8.995 | N/T . 6.239 |
| - PANAMA CANNAL | G/T : 9.794,32 | N/T 7.711,89 |
| - SUEZ | G/T : 9.474,24 | N/T 7.570 |
| DEADWEIGHT | M/T : 15.136 | |
| LIGHTWEIGHT | M/T : 3.870 | |

5- CAPACITY

| | |
|----------------|---|
| CARGO CAPACITY | BALE : 19.536 M ³ GRAIN : 21.739 M ³ |
| TANK CAPACITY | FUEL OIL : 892M ³ (EXPERT TUNNEL SIDE TK S) DIESEL OIL : 336.8 M ³ (INCLUDE TUNNEL SIDE TK S) FRESH WATER (FPT) : 222 M ³ (INCLUDE APTK) BALLAST WATER : 3.231 M ³ (EXPECT APTK) |

5.1- CARGO HOLD CAPACITY IN CUB MTr (M³).

| LOCATION | FRAMES | LOW. HOLD | TWEENDECK | TOTAL |
|-----------------------------|-----------------------|-----------------------------|----------------|------------------|
| CARGO HOLD N ⁰ 1 | 140-170 | BALE: 1,966 GRAIN: 2,215 | 1,581 1,695 | 3,547 3,910 |
| CARGO HOLD N ⁰ 2 | 99-140 TD: 113-140 | 4,254 4,672 | 1,583 1,676 | 5,837 6,438 |
| CARGO HOLD N ⁰ 3 | 84-99 TD: 84-113 | 1,536 1,742 | 1,523 1,626 | 3,059 3,368 |
| CARGO HOLD N ⁰ 4 | 54-84 | 3,161 3,474 | 1,561 1,674 | 4,722 5,148 |
| CARGO HOLD N ⁰ 5 | 4-37 | 2,371 2,605 | | 2,371 2,605 |
| GRAIN TOTAL CAPACITY | | 13,288 14,708 | 6,248 6,671 | 19,536 21,379 |

5.2- STRENGTH OF SHIP (SỨC CHỊU TẢI)

- ON THE TANK TOP : + HOLD N⁰5 : 9.077 T/M².
- + HOLD N⁰1,2,3,4 : 8.931 T/M².
- ON THE TWEENDECK (SECOND DECK) : INCLUDING TWEENDECK HATCH COVER.
- + N⁰1 TWEENDECK : 3.490 T/M².
- + N⁰2 TWEENDECK : 2.828 T/M².
- + N⁰3,4 TWEENDECK : 2.515 T/M².

- ON THE UPPER DECK : 1.640 T/M².
- ON THE HATCH COVER : 1.640 T/M².

5.3- HEIGHT FROM WATERLINE TO HATCH COAMING WITH LIGHT SHIP + 50% FO & DO.
= 10.70 M

6- CARGO HATCH / DERRICK BOOM & CONTAINER SPACE

| <p>HATCH SIZE (L x B)</p> <p>HATCH COVER</p> <p>CARGO WINCH</p> <p>DERRICKS</p> | <p>N⁰1 - 11,651 M x 6,70 M</p> <p>N⁰2 - 12,954 M x 8,54 M</p> <p>N⁰3 - 13,705 M x 8,54 M</p> <p>N⁰4 - 12,954 M x 8,54 M</p> <p>N⁰5 - 11,430 M x 6,70 M</p> <p>MAC. GREGOR HYD. CHAIN DRIVE STEEL</p> <p>ELECTRIC WINCH - 6 PCS x 7,5 T x 40 M/MIN - 4 PCS x 5,0 T x 40 M/MIN</p> <p>N⁰1 : SWL 5 TONS (U.P) LENGTH: 16,0 M x 2 PCS - OUTREACH 4M</p> <p>N⁰2 : SWL 7,5 TONS (U.P) LENGTH: 16,0 M x 2 PCS - OUTREACH 4M</p> <p>N⁰3 : SWL 7,5 TONS (U.P) LENGTH: 17,50 M x 2 PCS - OUTREACH 4M</p> <p>N⁰4 : SWL 7,5 TONS (U.P) LENGTH: 16,00 M x 2 PCS - OUTREACH 4M</p> <p>N⁰5 : SWL 5 TONS (U.P) LENGTH: 16,00 M x 2 PCS - OUTREACH 4M</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----|----|----|---|----|------------------|----|---|---|---|---|----------------|----|---|---|---|---|----------------|-----|----|----|----|----|
| <p>CONTAINER SPACE (DESIGNED)</p> | <table border="1"> <thead> <tr> <th>(UNIT = TEU)</th> <th>N⁰1</th> <th>N⁰2</th> <th>N⁰3</th> <th>N⁰4</th> <th>N⁰5</th> </tr> </thead> <tbody> <tr> <td>IN ON UPPER DECK</td> <td>82</td> <td>10</td> <td>30</td> <td>6</td> <td>30</td> </tr> <tr> <td>HOLD & TWEENDECK</td> <td>22</td> <td>4</td> <td>6</td> <td>6</td> <td>4</td> </tr> <tr> <td>ON HATCH COVER</td> <td>22</td> <td>2</td> <td>6</td> <td>6</td> <td>2</td> </tr> <tr> <td><u>TOTAL</u> :</td> <td>126</td> <td>16</td> <td>42</td> <td>18</td> <td>40</td> </tr> </tbody> </table> | (UNIT = TEU) | N ⁰ 1 | N ⁰ 2 | N ⁰ 3 | N ⁰ 4 | N ⁰ 5 | IN ON UPPER DECK | 82 | 10 | 30 | 6 | 30 | HOLD & TWEENDECK | 22 | 4 | 6 | 6 | 4 | ON HATCH COVER | 22 | 2 | 6 | 6 | 2 | <u>TOTAL</u> : | 126 | 16 | 42 | 18 | 40 |
| (UNIT = TEU) | N ⁰ 1 | N ⁰ 2 | N ⁰ 3 | N ⁰ 4 | N ⁰ 5 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IN ON UPPER DECK | 82 | 10 | 30 | 6 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HOLD & TWEENDECK | 22 | 4 | 6 | 6 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ON HATCH COVER | 22 | 2 | 6 | 6 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>TOTAL</u> : | 126 | 16 | 42 | 18 | 40 | | | | | | | | | | | | | | | | | | | | | | | | | | |

7- MACHINERY

| | |
|----------------------|--|
| MAIN ENGINE | CLARK HAWTHORN - SULZER. TYPE 5RLB-56 - ENG. N ^o 502 YEAR 1985 OUT PUT : 6.400 BHP x 150 RPM |
| DIESEL GENERATOR | NEI-WH-ALLEN LTD. BEDFORD ENGLAND. TYPE 4S12D-BC - 498 BHP x 720 RPM x 3 SETS GENERATOR : SIEMENS ALTERNATOR 1F66. CAPACITY : 438 KVA - 450 V x 60Hz x 720 RPM x 3 SETS |
| PROPELLER & SHAFT | MANUFACTURED BY STONE MANGANSES MARINE LTD. TYPE : 4 BLADES SOLID TYPE. MATERIAL : MANGANESE BRONZE ALLOY DIA x PITCH : 4.550 M x 3.240 M DIA OF PROPELLER SHAFT : 390MM |
| FUEL OIL CONSUMPTION | H. FUEL OIL : ABT 12 MT (52% MCR) DIESEL OIL : ABT 1 MT (PER ONE AUX. DIESEL ENGINE) |

B- LIST OF SURVEY STATUS (DATE OF ISSUE : 17. Oct. 2008)

1- CLASS SURVEY (HULL AND MACHINERY)

2-

| | <u>DUE/RANGE DATES</u> | <u>POSTPONED</u> | <u>LAST DATE</u> |
|--------------------------|--------------------------|------------------|------------------|
| SS SPECIAL SURVEY | 01.AUG.2011 | | 25.05.2006 |
| IS INTERMEDIATE SURVEY | 03.05.2009 or 01.11.2009 | | |
| AS ANNUAL SURVEY | | | |
| DS DOCKING SURVEY | 24.05.2009 | | 25.05.2006 |
| CMS CONTINUOUS MACHINERY | | | |
| TS TAILSHAFT SURVEY | 01.AUG.2011 | | 25.05.2006 |
| ABS AUX. BOILER SURVEY | MAY.2011 | | 25.05.2006 |

2- CARGO GEAR SURVEY (LIFTING APPLIANCES)

| | | |
|---------------------------------|-------------|-------------|
| -LAQC QUADRENNIAL CERTIFICATION | 11.MAR.2009 | 11.MAR.2004 |
| -LAAC ANNUAL CERTIFICATION | MAR.2009 | MAR.2008 |
| -LOAD TEST | 11.MAR.2009 | 11.MAR.2004 |

3- STATUTORY CERTIFICATE

| | <u>EXPIRY DATE</u> |
|---------------------------------|--|
| CLASS (Lloyd's) | 01.08.2011 |
| PLR : PERIODICAL LL RENEWAL | 01.08.2011 |
| SCR : SAFCON RENEWAL | 01.08.2011 |
| SER : SAFETY EQUIP.RENEWAL | 01.08.2011 (Provisional 18.11.2008 Due to Outstanding Items from last survey at Lagos) |
| RTR : RADIOTELE RENEWAL | 01.08.2011 |
| MOR : (IOPP) MARPOL OIL RENEWAL | 01.08.2011 |
| APP : | 01.08.2011 |
| SPP : | 01.08.2011 |
| SMC : SAFETY MANAGEMENT CERT. | |
| ISSC : | |

4- OTHER EQUIPMENT :

| 4.1 LIFE SAVING EQUIPMENT : | Date of service / Expired |
|---|---------------------------------|
| - Life boats : OPENED Type x 35 persons Capacity x 02sets . | Loadtest : |
| | 09.03.2004 / 05.03.2009. |
| | Annual Survey: |
| | Not yet carried out |
| - Liferafts : RF-25 x 01 / MTA-20A x 01 / KHA-6 x 01 | 17.03.2008 / 17.03.2009 |
| | |
| 4.2 FIRE FIGHTING EQUIPMENT : | |
| - Fix CO 2 System : 98 Btls x 45 Kgs | 05.07.2008 / 03.07.2010 |
| - Gas Detector : | 05.07.2008 / 04.07.2009 |
| - Portable Extinguisher (CO2 / FOAM / CHEMICAL POWDER) | 05.07.2008 / 04.07.2009 |
| -EEBD/B.A | 05.07.2008 / 04.07.2009 |
| -Smoke Detector | |
| -Oxygen | 05.07.2008 / 04.07.2009 |
| 4.3 NAVIGATIONAL EQUIPMENT : | |
| - Auto Pilot : Arkas DP – 663 | |
| - Gyrocompass : Tokimec INC. TG –3000 | |
| - Marine Radar : | |
| FR2120 . MAGNETRON 5187 | |

