

# MV "PHUONG DONG 2"

## I- PRINCIPAL PARTICULARS OF MV "PHUONG DONG 2" EX : " EAST 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 <sup>o</sup>	:	1359
SHIP'S SPEED	:	TRIAL MAX : 15.0 K'T SERVICE : 12.5 K'T
DATE OF KEEL LAYING	:	MAY . 1985
- LAUNCHING	:	
- DELIVERY	:	NOV . 1986
NATIONALITY	:	VIETNAMESE
PORT OF REGISTRY	:	SAIGON
OFFICIAL N <sup>o</sup>	:	VNSG-1526-TH
CLASS & N <sup>o</sup>	:	VR *_ VRH ; *_ VRM - N <sup>o</sup> 852502
CALL LETTER	:	3WCG
IMO N <sup>o</sup>	:	8500989
IMN	:	457412610 .
MMSI	:	574126116 .
WATER TIGHT DIVISION	:	8 .
CONTINOUS 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 : 8.996	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 : 15.120	
LIGHTWEIGHT	M/T : 3.886	

#### 5- CAPACITY

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

##### 5.1- CARGO HOLD CAPACITY IN CUB MTr (M<sup>3</sup>).

LOCATION	FRAMES	LOW. HOLD	TWEENDECK	TOTAL
CARGO HOLD N <sup>0</sup> 1	140-170	BALE: 1,966 GRAIN: 2,215	1,581 1,695	3,547 3,910
CARGO HOLD N <sup>0</sup> 2	99-140 TD: 113-140	4,254 4,672	1,583 1,676	5,837 6,438
CARGO HOLD N <sup>0</sup> 3	84-99 TD: 84-113	1,536 1,742	1,523 1,626	3,059 3,368
CARGO HOLD N <sup>0</sup> 4	54-84	3,161 3,474	1,561 1,674	4,722 5,148
CARGO HOLD N <sup>0</sup> 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 N<sup>0</sup>5 : 9.077 T/M<sup>2</sup>.  
+ HOLD N<sup>0</sup>1,2,3,4 : 8.931 T/M<sup>2</sup>.
- ON THE TWEENDECK (SECOND DECK) : INCLUDING TWEENDECK HATCH COVER.  
+ N<sup>0</sup>1 TWEENDECK : 3.490 T/M<sup>2</sup>.

- + N<sup>0</sup>2 TWEENDECK : 2.828 T/M<sup>2</sup>.
  - + N<sup>0</sup>3,4 TWEENDECK : 2.515 T/M<sup>2</sup>.
  - ON THE UPPER DECK : 1.640 T/M<sup>2</sup>.
  - ON THE HATCH COVER : 1.640 T/M<sup>2</sup>.
- 5.3- HEIGHT FROM WATERLINE TO HATCH COAMING WITH LIGHT SHIP + 50% FO & DO.  
= 10.70 M

## **6- CARGO HATCH / DERRICK BOOM & CONTAINER SPACE**

HATCH SIZE ( L x B )	N <sup>0</sup> 1 - 11,651 M x 6,70 M N <sup>0</sup> 2 - 12,954 M x 8,54 M N <sup>0</sup> 3 - 13,705 M x 8,54 M N <sup>0</sup> 4 - 12,954 M x 8,54 M N <sup>0</sup> 5 - 11,430 M x 6,70 M
HATCH COVER	MAC. GREGOR HYD. CHAIN DRIVE STEEL
CARGO WINCH	ELECTRIC WINCH - 6 PCS x 7,5 T x 40 M/MIN - 4 PCS x 5,0 T x 40 M/MIN
DERRICKS	N <sup>0</sup> 1 : SWL 5 TONS (U.P) LENGTH: 16,0 M x 2 PCS - OUTREACH 4M N <sup>0</sup> 2 : SWL 7,5 TONS (U.P) LENGTH: 16,0 M x 2 PCS - OUTREACH 4M N <sup>0</sup> 3 : SWL 7,5 TONS (U.P) LENGTH: 17,50 M x 2 PCS - OUTREACH 4M N <sup>0</sup> 4 : SWL 7,5 TONS (U.P) LENGTH: 16,00 M x 2 PCS - OUTREACH 4M N <sup>0</sup> 5 : SWL 5 TONS (U.P) LENGTH: 16,00 M x 2 PCS - OUTREACH 4M

CONTAINER SPACE (DESIGNED)	(UNIT = TEU)	N <sup>0</sup> 1	N <sup>0</sup> 2	N <sup>0</sup> 3	N <sup>0</sup> 4	N <sup>0</sup> 5	
	IN ON UPPER DECK HOLD & TWEENDECK	82	10	30	6	30	6
	ON HATCH COVER	22	4	6	6	4	2
	<u>TOTAL</u> :	22	2	6	6	6	2
		126	16	42	18	40	10

## 7- MACHINERY

MAIN ENGINE	CLARK HAWTHORN - SULZER. TYPE 5RLB-56 - ENG. N <sup>o</sup> 503 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

### II- LIST OF SURVEY STATUS (DATE OF ISSUE 28. JUL. 2008)

#### 1- CLASS SURVEY (HULL AND MACHINERY)

		<u>DUE/RANGE DATES</u>	<u>POSTPONED</u>	<u>LAST DATE</u>
SS	SPECIAL SURVEY	22.03.2012		23.03.2007
IS	INTERMEDIATE SURVEY	22.03.2009 or 22.03.2010		
AS	ANNUAL SURVEY	22.03.2009 (+/- 3 Months)		27.12.2007
DS	DOCKING SURVEY	22.03.2010		23.03.2007
CMS	CONTINUOUS MACHINERY			
TS	TAILSHAFT (1B)SURVEY	22.03.2012		23.03.2007
ABS	AUX. BOILER SURVEY	22.03.2010		23.03.2007

## 2- CARGO GEAR SURVEY (LIFTING APPLIANCES)

-LAQC QUADRENNIAL CERTIFICATION	23.03.2011 (- 3 Months)	27.12.2007
-LAAC ANNUAL CERTIFICATION	<b><u>26.12.2008</u></b>	27.12.2007
-LOAD TEST	27.12.2012 (- 3 Months)	27.12.2007

## 3- STATUTORY CERTIFICATE

	<u>EXPIRY DATE</u>
CLASS ( VR )	22.12.2012
PLR PERIODICAL LL RENEWAL	22.12.2012
SCR SAFCON RENEWAL	22.12.2012
SER SAFETY EQUIP.RENEWAL	22.12.2012
RTR RADIOTELE RENEWAL	22.12.2012
MOR (IOPP) MARPOL OIL RENEWAL	22.12.2012
APP	22.12.2012
SPP	22.12.2012
SMC SAFETY MANAGEMENT CERT.	
ISSC	
SEAWORTHINESS	22.03.2009
ANTI FOULING	22.03.2010

## 4- OTHER EQUIPMENT :

<b>4.1 LIFE SAVING EQUIPMENT :</b>	Date of service / Expired
- LIFE BOATS : OPENED TYPE x 35 PERSONS CAPACITY	<b>Loadtest :</b>
	25.01.2007 / 24.01.2010
	Annual survey :
	29.12.2007 / <b>29.12.2008</b>
- LIFE RAFT :	29.12.2007 / <b>29.12.2008</b>
<b>4.2 FIRE FIGHTING EQUIPMENT :</b>	
- FIXED CO 2 SYSTEM / 45 Kgs (96 Btls).	29.12.2007 / <b>29.12.2009</b>
- GAS DETECTOR	29.12.2007 / <b>29.12.2008</b>
- PORTABLE FIRE FIGHTING EXTINGUISHER ( CO2 / FOAM / CHEMICAL POWDER )	29.12.2007 / <b>29.12.2008</b>
-EEBD + B.A	29.12.2007 / <b>29.12.2008</b>
- Oxygen .	29.12.2007 / <b>29.12.2008</b>
-SMOKE DETECTOR	
<b>4.3 NAVIGATIONAL EQUIPMENT :</b>	

