

**MV “VTC-PLANET”**  
**A- PRINCIPAL PARTICULARS OF MV “VTC-PLANET” EX : “ EDELWEISS”**

**1- GENERAL**

OWNER'S NAME	VITRANSCHART JSC .
KIND OF SHIP :	LOG/BULK CARRIER .
TYPE OF SHIP :	SINGLE DECKER .
SERVICE AREA :	OCEAN GOING
HULL BUILDER :	SAIKI HEAVY INDUSTRIES JAPAN .
SHIP N <sup>0</sup> :	1028 .
SHIP'S SPEED :	13.5 KT ( LADEN ) / 14.8 KT ( BALLAST ) .
DATE OF KEEL LAYING :	28.01.1992 .
- LAUNCHING :	05.09.1993 .
- DELIVERY :	01.11.1993 .
NATIONALITY :	VIETNAMESE
PORT OF REGISTRY :	SAIGON VIETNAM.
OFFICIAL N <sup>0</sup> :	VNSG-1896-TH .
CLASS & N <sup>0</sup> :	NK 933319 & VR 932829
VR ENTRY DATE :	15.10.2008
CALL LETTER :	3 W V U
IMO N <sup>0</sup> :	9060730.
IMN :	457413810
MMSI :	574138000
WATER TIGHT DIVISION :	6.
CONTINUOUS DECK :	1.
E/R LOCATION :	AFT

**2- PRINCIPAL DIMENSION**

LENGTH	LOA : 157.50M . REG'D : 148.85 M LBP : 148.00 m
BREADTH : MAX / MLD	25.0 M / 25.00 M
DEPTH( MAX /MLD)	12.70M / 12.70M
DRAUGHT(SUMMER )	9.115 M
SUMMER FREE BOARD	3625 mm .

### 3- ANCHOR :

LOCATION / TYPE	WEIGHT ( Kgs)	GRADE	DIAMETER (mm)	LENGTH ( M)
STARBOARD(STOCKLESS )	5610	3	58	577.5
PORT(STOCKLESS )	5610	3	58	577.5
ANCHOR CHAIN				

### 4- TONNAGE

REGISTERED	Int'l : GT = 13,706 & NT = 7,738 . Panama : GT = 14,416.86 & NT = 11,275.19 Suez : GT = 13,904.64 & NT = 12,119.99
DEADWEIGHT	22,176 MT
LIGHTWEIGHT	5,097 MT
DISPLACEMENT	27,273 MT

### 5- CAPACITY

CARGO CAPACITY	BALE : 28,298.54 M <sup>3</sup> GRAIN : 29,301.27 M <sup>3</sup>
TANK CAPACITY	FUEL OIL : 932.66 M <sup>3</sup> ( 100 % ) DIESEL OIL : 93.35 M <sup>3</sup> ( 100 % ). FRESH WATER (FPT) : 210 M <sup>3</sup> . BALLAST WATER : 6720 M <sup>3</sup>

#### 5.1- CARGO HOLD CAPACITY IN CUB. Mtr (CM)

Location	Frames	Bale	Grain	Remark
Cargo hold N <sup>o</sup> 1		6,049.21 M <sup>3</sup>	6,283.20 M <sup>3</sup>	Including Cargo Hatch
Cargo hold N <sup>o</sup> 2		7,594.27 M <sup>3</sup>	7,872.79 M <sup>3</sup>	Including Cargo Hatch
Cargo hold N <sup>o</sup> 3		7,599.42 M <sup>3</sup>	7,884.02 M <sup>3</sup>	Including Cargo Hatch
Cargo hold N <sup>o</sup> 4		7,055.64 M <sup>3</sup>	7,261.26 M <sup>3</sup>	Including Cargo Hatch
Grand Total capacity		28,298.54 M <sup>3</sup>	29,301.27 M <sup>3</sup>	

#### 5.2- STRENGTH OF SHIP (SỨC CHỊU TẢI).

- TANK TOP STRENGTH : 13.0 T/M<sup>2</sup>.
- ON DECK STRENGTH : 3.67 T/M<sup>2</sup>.
- ON HATCH COVER STRENGTH: 3.00 T/M<sup>2</sup>.

5.3- THE HEIGHT FROM WATERLINE TO HATCH COAMING WITH LIGHTSHIP + 50% FO & DO :

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

<p>HATCH SIZE ( L x B )</p> <p>HATCH COVER</p> <p>CARGO GEAR ( Electro - Hydrolic Single Crane . )</p>	<p>N<sup>0</sup>1 – 20.00 x 17.52 M /11,60 M</p> <p>N<sup>0</sup>2 - 20,80 M x 17.52 M</p> <p>N<sup>0</sup>3 - 20,80 M x 17.52 M</p> <p>N<sup>0</sup>4 - 20,80 M x 17.52 M</p> <p>HYDROLIC FOLDING TYPE .</p> <p>N<sup>0</sup>1 : SWL 30 TONS x 22 M ( Max ) / 4 M ( Min ) .</p> <p>N<sup>0</sup>2 / N<sup>0</sup>3 / N<sup>0</sup>4 : SWL 30 TONS x24 M ( Max) / 4.5 M ( Min)</p> <p>Hoisting Load : 30/12/5 Tons .</p> <p>Hoisting Speed : 18.5/37/63 m/min.</p> <p>Lowering Speed : 63m/min.</p> <p>Luffing Speed : 41 Sec ( For Boom 22 m ) / 44 Sec ( For Boom 24m ) .</p> <p>Slewing Speed : 0.75 rpm /0.70 rpm .</p> <p>Slewing Angle :360 Degrees .</p>
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**7- MACHINERY**

<p>MAIN ENGINE</p> <p>DIESEL GENERATOR</p> <p>PROPELLER &amp; SHAFT</p> <p>Aux . Boiler</p> <p>FUEL OIL CONSUMPTION</p>	<p>AKASAKA DIEZEL , 6UEC45LA , MCO ( Max. Continous Output ) : 5295 KW (7200 PS ) x 158 rpm X 1 Set .</p> <p>YANMAR 04 STROKE / OUT PUT : 600BHP x 720 rpm x 2 Sets .</p> <p>Nishishiba Electric 400 Kw x 720 rpm / 450 Volt / 60Hz x 2 Sets .</p> <p>- Aerofoil 04 Bladed Solid Keyless Type ( Ni – Al – Bronze )</p> <p>Diam : 4,650 mm / Pitch : 3,078 mm .</p> <p>- Intermediate : 350 mm(Out . Diam) x 5,670 mm ( Length ) .</p> <p>- Propeller Shaft : 390 mm (Out . Diam) x 5,090 mm ( Length ) .</p> <p>Vertical , Cylindrical Shell Smoke Tube , Composite Boiler consisting : 01 oil fired and 01 exhaust gas steam generating section in one shell , fitted with automatic burning equipment on oil fired side .</p> <p>At Sea : F.O / D.O : 19.5 / 0.8 mt-day ( Laden – Ballast )</p> <p>In Port : * ) Gear in work 1.20 mt / 8 Hrs , 2.4 mt / 24 Hrs .</p> <p>** ) Gear idle : 0.8 mt-day .</p>
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**B- LIST OF SURVEY STATUS ( Updated : 28.10.2008 )**

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

	<u>DUE/RANGE DATES</u>	<u>POSTPONED</u>	<u>LAST DATE</u>
SS SPECIAL SURVEY	15.10.2008		
IS INTERMEDIATE			22.09.2006
AS ANNUAL SURVEY	18.07.2008		18.07.2007
DS DOCK SURVEY	15.10.2008		22.09.2006
CMS CONTINUOUS MACHINERY	15.10.2008		
TS TAILSHAFT SURVEY(1B)	09.10.2008		10.10.2003
ABS AUX. BOILER SURVEY	15.10.2008		22.09.2006

**2- CARGO GEAR SURVEY (LIFTING APPLIANCES)**

-LAQC QUADRENNIAL CERTIFICATION	09.10.2008	10.10.2003
-LAAC ANNUAL CERTIFICATION	<u>13.09.2008</u>	14.09.2007
-LOAD TEST	<u>09.10.2008</u>	10.10.2003

**3- STATUTORY CERTIFICATE**

CLASS (VR)	15.10.2008 ( Interim )
PLR : PERIODICAL LL RENEWAL	15.10.2008 ( Interim )
SCR : SAFCON RENEWAL	15.10.2008 ( Interim )
SER :SAFETY EQUIP.RENEWAL	15.10.2008 ( Interim )
RTR :RADIOTELE RENEWAL	05.50.2010
MOR :(IOPP) MARPOL OIL RENEWAL	15.10.2008 ( Interim )
APR: AIR POLLUTION RENEWAL	15.10.2008 ( Interim )
SPR: SEWAGE POLLUTION RENEWAL	Not yet issued .
SWR:SEAWORTHINESS RENEWAL	15.10.2008 ( Interim )
SMC SAFETY MANAGEMENT CERT.	10.09.2008
ISSC	11.06.2008 ( Issued )

#### 4- OTHER EQUIPMENT SERVICE RECORDS :

<b>4.1 . LIFE SAVING EQUIPMENT :</b>	<b>Date of Service / Expired</b>
- <b>Life boats :F.R.P ( G-65BTR) x 25 Persons</b>	David Loadtest :
With propulsion engine Daihatsu Diesel : 25 PS x 3,600 RPM	AS :07.2008 / 07.2009
- <b>Life rafts :</b>	
02 piece x 25 persons / Type : Inflatable , Tyo Tire & Rubber.	AS :07.2008 / 07.2009
01 piece x 6 persons / Type : Inflatable , Tyo Tire & Rubber.	
<b>4.2. FIRE FIGHTING EQUIPMENT:</b>	
- Fixed CO2 Station : 94 Btl x 45 kgs	Weigh : 07.2008 / 07.2010
- Portable Fire Fighting Extinguishers ( CO2 / Foam / Powder / Chemical )	AS :07.2008 / 07.2009
- EEBD / BA	AS :07.2008 / 07.2009
- GAS Detector	AS :07.2008 / 07.2009
- Smoke Detector Alarm System	AS :07.2008 / 07.2009
- Oxygen	AS :07.2008 / 07.2009
<b>4.3. NAVIGATIONAL EQUIPMENTS :</b>	
- Auto pilot : Tokimec PR-8000	
- Gyrocompass : Tokimec TG-5000	09.2008 /08.2010
- Radar :	
Tokimec Rascan 3400Mx59	
Tokimec BR2500-27	
- Echo Sounder : JFE-570S	
- Weather Fascimile Receiver : JAX90	
- Speed log : TD 501	
- GPS Receiver :	
JLR4110 MK2	
NWZ4550	
- Portable Transceiver : JHS-7 . 54167/54168/54169	
- MF / HF : JSS-720 / Serial Number : BS 2324.	
- VHF :	
JHS31 Serial Number : BH17496	
JHS31 Serial Number : BH17497	
- Inmarsat – C :JUE -75A .Serial Number : GY10885	
- Inmarsat – F77 . Furuno / Flecom 30 .	
- Navtex : NRC-300A	
- Epirb : JQE-2A . Serial Number : GP25282	
H.R.U	<b>May.2010</b>
Battery	<b>May.2013</b>
- Sart : JQX-10. Serial Number : BT11173 / BT11174	
Battery	<b>Jun.2009</b>
- Watch-keeping receiver 2128 :	
- AIS : FA-1000 / Furuno .	
- S.VDR : JCY-1850	
- SSAS : Satamatic	

