

MV “VTC PHOENIX”
I- PRINCIPAL PARTICULARS OF MV “VTC PHOENIX”

1- GENERAL

OWNER’S NAME	:	VITRANSCHART JSC
KIND OF SHIP	:	M.BULK CARRIER MODIFIED
TYPE OF SHIP	:	SINGLE DECKER
SERVICE AREA	:	OCEAN GOING
HULL BUILDER	:	BACHDANG SHIPYARD – HAIPHONG-VIETNAM
SHIP N ⁰	:	BV-07
SHIP’S SPEED	:	BALLAST CONDITION : 15.0 KTS . LOADED CONDITION : 13.5 KTS
DATE OF KEEL LAYING	:	08/05/2008
- LAUNCHING	:	17/02/2009
- DELIVERY	:	14/02/2009
NATIONALITY	:	VIETNAMESE
PORT OF REGISTRY	:	SAIGON
OFFICIAL N ⁰	:	VNSG-1939-TH
VR CLASS & N ⁰	:	*VRH BULK CARRIER (BC-XII) * VRM / VR093067.
NK CLASS & N ⁰	:	*NS (BULK CARRIER MODIFIED , BC-XII , EQUIPPED FOR CARRIAGE OF DANGEROUS GOODS) - MNS* / 090505
CALL LETTER	:	3WXR
IMO N ⁰	:	9536337
IMN	:	457443510
MMSI	:	574435000
WATER TIGHT DIVISION	:	8 (CORRUGATED / FLAT TYPE)
CONTINUOUS DECK	:	1
E/R LOCATION	:	AFT
BILGE RADIUS	:	1,200 mm
DOUBLE BOTTOM HEIGHT IN CARGO HOLD.	:	1,600 mm
TOPMAST HEIGHT	:	38.75 M
TOP HATCH COVER TO MAIN DECK	:	2,300 mm
BULWARK HEIGHT	:	1,000 mm
BILGE KEEL	:	300mm (Depth) x 32% of vessel’s length amidship.

2- PRINCIPAL DIMENSION

LENGTH	LOA : 153.20 M
BREADTH	Lreg. : 143.97 M LPP : 143.00 M
DEPTH	MLD. : 26.00M
DRAUGHT	MLD. : 13.75 M
FREEBOARD	SUMMER 9.500 M 4,270 mm

3- ANCHOR :

LOCATION / TYPE	WEIGHT (Kgs)	CABLE GRADE	DIAMETER (mm)	TOTAL LENGTH (M)
STARBOARD	HALL	3	62	302.5
PORT	HALL	3	62	275
SPARE				

4- TONNAGE

REGISTERED	G/T : 14,851 N/T : 7,158
DEADWEIGHT	22,762.80 MT
LIGHTWEIGHT	5,683.00 MT
DISPLACEMENT	28,445.80 MT

5- CAPACITY

CARGO CAPACITY	BALE : 28,964 CM GRAIN : 29,157 CM
TANK CAPACITY	FUEL OIL : 1,573 CM DIESEL OIL : 260 CM FRESH WATER : 237 CM BALLAST WATER : 6,923 CM

5.1- CARGO HOLD CAPACITY IN M³ :

Location	Frames	Bale(M ³)	Grain(M ³)	Remark
N ⁰ 1 Cargo hold	157 - 181	3255.98	3293.21	
N ⁰ 1 Cargo hatch	160-174	217.34	217.34	
		3473.32	3510.55	
N ⁰ 2 Cargo hold	130-157	5366.23	5406.31	
N ⁰ 2 Cargo hatch	136-151	266.38	266.38	
		5632.61	5672.69	
N ⁰ 3 Cargo hold	98-130	6467.12	6505.67	
N ⁰ 3 Cargo hatch	104-124	355.18	355.18	
		6822.30	6860.85	
N ⁰ 4 Cargo hold	66-98	6467.12	6505.67	
N ⁰ 4 Cargo hatch	72-92	355.18	355.18	
		6822.30	6860.85	
N ⁰ 5 Cargo hold	35-66	5858.71	5896.60	
N ⁰ 5 Cargo hatch	40-60	355.18	355.18	
		6213.89	6251.78	
Grand Total capacity		28,964.42	29, 156.72	

5.2- STRENGTH OF SHIP (S ỨC CH ỊU T Ầ)I)

- ON TANK TOP : 16.5 T/M²
- ON UPPER DECK : 3.70 T/M².
- ON HATCH COVER: 3.00 T/M².

5.3- HEIGHT FROM WATERLINE WITH LIGHT SHIP + 50% F.O + D.O TO HATCH COAMING :
13.80 M

6- CARGO HATCH / CARGO GEAR & VENTILATORS

HATCH SIZE (L x B)	N ⁰ 1 – 10.50 M x 13.20 M ; N ⁰ 2 – 11.25 M x 15.00 M N ⁰ 3 – 15.00 M x 15.00 M ; N ⁰ 4 – 15.00 M x 15.00 M N ⁰ 5 – 15.00 M x 15.00 M
HATCH COVER	FOLDING MAC.GREGOR HATCH COVER
CARGO WINCH	ELECTRIC HYDRAULIC DECK CRANES
DECK CRANES	30.7/18/6.1 TONS x 20/24/50 M/MIN x 360 ⁰ x 0.7 RPM x 4 N ⁰ 1:SWL 30.7TONS x1SET.LENGTH22.2M.OUT REACH= 4M

VENTILATORS	<p>N⁰2:SWL 30.7TONS x1SET.LENGTH22.2M.OUT REACH=7M N⁰3:SWL 30.7TONS x1SET.LENGTH22.2M.OUT REACH=7M N⁰4:SWL 30.7TONS x1SET.LENGTH22.2M.OUT REACH=7M NATURAL (5 SETS) . MECHANICAL. (5 SETS) : AXIAL FLOW FANS 5.5 KW - 600M³ / H our x 01 set. AXIAL FLOW FANS 7.5 KW - 900M³ / H our x 04 set.</p>
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7- MACHINERY

MAIN ENGINE	<p>AKASAKA MITSUBISHI UE DIESEL ENGINE TYPE 7UEC-45LA - ENG. N^o 45472 x 1 SET . YEAR :JAN/2007 MAX.OUT PUT : 8,470 BHP(6230 KW) x 158 RPM</p>
DIESEL GENERATOR	<p>YANMAR TYPE 6N165L-EN – 530 KW x 1,200 RPM x 2 SETS ENG No.; YEAR : GENERATOR CAPACITY : 600 KVA (480KW) x 450V X 60Hz x 1,200 RPM</p>
PROPELLER & SHAFT	<p>4 BLADES SOLID TYPE x 1 MATERIAL : KA1BC₃ DIA x PITCH : 4,650 MM x 2,975 MM DIA OF PROPELLER SHAFT 420MM</p>
FUEL OIL CONSUMPTION	<p>H. FUEL OIL : ABT 25.2 MT-380 CST (full load) DIESEL OIL : ABT 0,8 MT & 0.8 MT of FO (PER ONE AUX. ENGINE) CARGO HANDLING:1.5MT IFO + 1.5 MT MDO BERTHING : 0.7 MT IFO + 0.7 MT MDO</p>

II- LIST OF SURVEY STATUS (DATE OF ISSUE:)

1- CLASS SURVEY (HULL AND MACHINERY)

	<u>DUE/RANGE DATES</u>	<u>POSTPONED</u>	<u>LAST DATE</u>
SS SPECIAL SURVEY	14/02/2014		14/02/2009
IS INTERMEDIATE SURVEY	14/02/2011 ~ 14/02/2012		
AS ANNUAL SURVEY	14/02/2010		
DS DOCKING SURVEY	14/02/2012		14/02/2009
CMS CONTINUOUS MACHINERY			
TS TAILSHAFT SURVEY	14/02/2014		14/02/2009
ABS AUX. BOILER SURVEY:			
No.1	14/02/2012		14/02/2009
No.2	14/02/2012		14/02/2009

2- CARGO GEAR SURVEY (LIFTING APPLIANCES)

-LAQC QUADRENNIAL CERTIFICATION	14/02/2009	14/02/2014
-LAAC ANNUAL CERTIFICATION	14/02/2009	14/02/2010
-LOAD TEST	14/02/2009	14/02/2014

3- STATUTORY CERTIFICATE

	<u>EXPIRY DATE</u>
PLR PERIODICAL LL RENEWAL	14/02/2014 (INTERIM :14/07/2009)
SCR SAFCON RENEWAL	14/02/2014 (INTERIM :14/07/2009)
SER SAFETY EQUIP.RENEWAL	14/02/2014 (INTERIM :14/07/2009)
RTR RADIOTELE RENEWAL	14/02/2014 (INTERIM :14/07/2009)
MOR (IOPP) MARPOL OIL RENEWAL	14/02/2014 (INTERIM :14/07/2009)
SPP	14/02/2014 (INTERIM :14/07/2009)
APP	14/02/2014 (INTERIM :14/07/2009)

CLASS (NK / VR)	14/02/2014 (INTERIM :14/07/2009)
SW	14/02/2014 (INTERIM :14/04/2009)
BC CODE CERT.	14/02/2014 (INTERIM :14/07/2009)
SMC SAFETY MANAGEMENT CERT.	

4- OTHER EQUIPMENT :

4.1 LIFE SAVING EQUIPMENT :	Date of service / Expired
- LIFE BOATS : Freefall (JIANGYIN NEPTUNE MARINE CHINA / S. No.67650 / 6250 Kgs)x 30 Persons x 01 set .	Load Test : 14/02/2009 14/02/2009 ~ 14/02/2014
	Annual Service : 14/02/2009 ~ 14/02/2010
Rescue boat (NPT40R / FRP / S.No.40651 / 980 Kgs x 6 Persons x 01 set	Annual Service : 14/02/2009 ~ 14/02/2010
- LIFE RAFT : 15 Persons Capacity x 04 Sets	Annual Service :
06 Persons Capacity x 01 Set	14/02/2009 ~ 14/02/2010
4.2 FIRE FIGHTING EQUIPMENT :	
- FIXED CO 2 SYSTEM 82 Btl x 45.5 Kgs	New installed : 02/2009
- PORTABLE FIRE FIGHTING EXTINGUISHER (CO2 / FOAM / CHEMICAL POWDER)	New installed : 02/2009
-EEBD / BA (14 / 02)	New installed : 02/2009
- GAS DETECTOR	New installed : 02/2009
-SMOKE DETECTOR : OKI DENKI	
- OXYGENT	New installed : 02/2009
4.3 NAVIGATIONAL EQUIPMENT :	
- Auto Pilot : YOKOGAWA PT500D	
- Gyrocompass : YOKOGAWA/CM7-700S	
- Marine Radar :	
JMA 9932 SA(340mm-3GHz) – Sn : 87215	
JMA 9922 - 6XA (340mm- 9GHz) – Sn: 87216	
-Echo Sounder : JFE-582 , Serial : HD71423	
-Weather Fascimile Receiver : JAX - 9A . Sn : GF38596	
- GPS Receiver :	
JLR-7700MKII	
FURUNO GP-150	
-Marine Portable Transceivers : JRC/JHS-7	
Batteries :	09/2013
-MF / HF : JSS - 296 . Sn : BS72455	
-Navtex : JRC . NCR-333 . Sn:	
- VHF :	
JRC . JHS : 32B Sn : BV77102	
JRC . JHS : 32B Sn : BV77103	
- Inmarsat : JRC . JUE 85 . GR 11508	
- Epirb : JQE-103 . Sn : GX 40366	
H.R.U	10/2009

