

MV “VTC ACE”
A- PRINCIPAL PARTICULARS OF MV “VTC ACE” EX : “ AMMON ACE”

1- GENERAL

OWNER'S NAME	VITRANSCHART JSC .
KIND OF SHIP :	BULK CARRIER .
TYPE OF SHIP :	SINGLE DECKER .
SERVICE AREA :	OCEAN GOING
HULL BUILDER :	KANDA SHIPBUIDING Co., Ltd. HIROSHIMA PREF. JAPAN .
HULL N ⁰ :	372 .
SHIP'S SPEED :	MAX.ON TRIAL: 15.843KTS, SERVICE: 13.4KTS.
DATE OF KEEL LAYING :	05.06.1996
- LAUNCHING :	18.07.1996 .
- DELIVERY :	12.11.1996 .
NATIONALITY :	VIETNAMESE
PORT OF REGISTRY :	SAIGON - VIETNAM.
OFFICIAL N ⁰ :	VNSG-1970-TH .
CLASS & N ⁰ :	NK 963982 & VR 963236
VR ENTRY DATE :	15.10.2008
CALL LETTER :	X V V A
IMO N ⁰ :	9143049.
IMN :	457495010
MMSI :	574950000
WATER TIGHT DIVISION :	6.
CONTINOUS DECK :	1.
E/R LOCATION :	AFT

2- PRINCIPAL DIMENSION

LENGTH	LOA : 158.50M . REG'D : 151.76 M LBP : 151.00 m
BREADTH : MAX / MLD	25.87 M
DEPTH(MAX /MLD)	13.3 M
DRAUGHT(SUMMER)	Summer 9.417 M

SUMMER FREE BOARD	3.929 m .
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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 = 15,354 & NT = 8,111 . Panama : NT = 12,868 Suez : GT = 15,721.45 & NT = 14,308.29
DEADWEIGHT	24,157.02 MT
LIGHTWEIGHT	5,689.71 MT
DISPLACEMENT	29,846.73 MT

5- **CAPACITY**

CARGO CAPACITY	BALE : 28,768 M ³ GRAIN : 29,463 M ³
TANK CAPACITY	FUEL OIL : 1468.95 M ³ (100 %) DIESEL OIL : 156.13 M ³ (100 %). FRESH WATER (FPT) : 244.93 M ³ . BALLAST WATER : 8780 M ³

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

Location	Frames	Bale	Grain	Remark
Cargo hold N ⁰ 1		6,278 M ³	6,444 M ³	Including Cargo Hatch
Cargo hold N ⁰ 2		7,581 M ³	7,773 M ³	Including Cargo Hatch

Cargo hold N ⁰ 3		7,581 M ³	7,773 M ³	Including Cargo Hatch
Cargo hold N ⁰ 4		7,328 M ³	7,473 M ³	Including Cargo Hatch
Grand Total capacity		28,768 M ³	29,463 M ³	

5.2- STRENGTH OF SHIP (SỨC CHỊU TẢI).

- TANK TOP STRENGTH : 15.0 T/M².
- ON DECK STRENGTH : 3.05 T/M².
- ON HATCH COVER STRENGTH: 3.05 T/M².

5.3- THE HEIGHT FROM WATERLINE TO HATCH COAMING WITH LIGHTSHIP + 50% FO & DO : 12.44 m

6- CARGO HATCH / DERRICK BOOM & CONTAINER SPACE

<p>HATCH SIZE (L x B)</p> <p>HATCH COVER</p> <p>CARGO GEAR (Electric - Hydrolic Single Deck Crane .)</p>	<p>N⁰1 – 24.4 x 20.2 M /14.3 M</p> <p>N⁰2 – 24.0 M x 20.2 M</p> <p>N⁰3 – 24.0 M x 20.2 M</p> <p>N⁰4 – 24.0 M x 20.2 M</p> <p>HYDRAULIC FOLDING TYPE .</p> <p>SWL 30/20 M.Ton.x 26/27.3mR x (20/9°) 2 set (No. 1 & 3)</p> <p>SWL 30/20 M.Ton x 24/25.2mR x (20/9°) 1 set (No.2)</p> <p>Hoisting Load : 30/20 Tons .</p> <p>Hoisting Speed : 30 t x 21 m/min.</p> <p>Lowering Speed : Max. 54 m/min.</p> <p>Luffing Speed : abt .68/63 Sec</p> <p>Slewing Speed : 0.5 rpm /0.55 rpm .</p> <p>Slewing Angle :360 Degrees .</p>
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7- MACHINERY

<p>MAIN ENGINE</p> <p>DIESEL GENERATOR</p>	<p>- KAWASAKI B&W 6L42MC X 1 Set . Max continuous rating 7320 BHP</p> <p>Normal output rating (85%) : 6225 BHP</p> <p>Revolution at MCR/NOR 176/167, No of cylinder :6</p> <p>- Daihatsu 6DL-20, 750BHP at 720 RPM, 4 stroke, diesel engine x 2 sets</p> <p>- Alternator Nishishiba elect 500kw x 720 RPM 450V, 60Hz x 2 sets</p>
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PROPELLER & SHAFT	* - Ni-Al-Bronze diam : 4,300 mm / Pitch : 2,809 mm (0.7R) . 4 blades solid keyless
Aux . Boiler	* - Intermediate shaft : 325 mm(Out . Diam) x 5,780 mm (Length) . - Propeller Shaft : 400 mm (Out . Diam) x 5,660 mm (Length) . * -Vertical , Cylindrical , oil fire and exh. Gas economizer , Composite Boiler : oil fire side: 1,000 kg/hr , exh gas side: 700 kg/hr . steam pressure: working 7 kg/cm2
FUEL OIL CONSUMPTION	* At Sea : F.O: 19.6 / 19.0/day (Laden- Ballast) , DO: 1.3 /day (at sea) In Port : *) Gear in work 1.8 mt / 8 Hrs , 2.6 mt / 24 Hrs . **) Gear idle : 0.8 mt-day .

B- LIST OF SURVEY STATUS (Updated : 01.10.2009)

1- CLASS SURVEY (HULL AND MACHINERY)

	<u>DUE/RANGE DATES</u>	<u>POSTPONED</u>	<u>LAST DATE</u>
SS SPECIAL SURVEY	11.11.2011		21.11.2006
IS INTERMEDIATE			15.09.2009
AS ANNUAL SURVEY	11.08.2010 – 11.02.2011		15.09.2009
DS DOCK SURVEY	11.11.2011		15.09.2009
CMS CONTINUOUS MACHINERY			
TS TAILSHAFT	14.09.2014		15.09.2009
SURVEY(1B)			
ABS AUX. BOILER	11.11.2011		15.09.2009
SURVEY			

2- CARGO GEAR SURVEY (LIFTING APPLIANCES)

-LAQC QUADRENNIAL CERTIFICATION	31.05.2014	01.06.2009
-LAAC ANNUAL CERTIFICATION	14.09.2010	15.09.2009
-LOAD TEST	31.05.2014	01.06.2009

3- STATUTORY CERTIFICATE

	EXPIRY DATE
CLASS (VR)	11.11.2011
PLR : PERIODICAL LL RENEWAL	11.11.2011
SCR : SAFCON RENEWAL	11.11.2011
SER :SAFETY EQUIP.RENEWAL	11.11.2011
RTR :RADIOTELE RENEWAL	11.11.2011
MOR :(IOPP) MARPOL OIL RENEWAL	11.11.2011
APR: AIR POLLUTION RENEWAL	11.11.2011
SPR: SEWAGE POLLUTION RENEWAL	11.11.2011
SWR:SEAWORTHINESS RENEWAL	11.02.2011
SMC SAFETY MANAGEMENT CERT. ISSC	

4- OTHER EQUIPMENT SERVICE RECORDS :

4.1 . LIFE SAVING EQUIPMENT :	Date of Service / Expired
- Life boats :F.R.P total enclosed 5.3Lx2.3Bx1.0D x 25 Persons x 2 sets	David Loadtest :
	AS : 09.09.2009/08.09.2010
- Life rafts :	
02 piece x 25 persons / Type : Inflatable , MTS-25	AS :23.07.2009/22.07.2010
01 piece x 6 persons / Type : Inflatable , MTS-6	
4.2. FIRE FIGHTING EQUIPMENT:	
- Fixed CO2 Station : 946Btl x 45.4 kgs	Weigh : 2008/2010
- Portable Fire Fighting Extinguishers (CO2 / Foam / Powder / Chemical)	AS : 08.09.2009/07.09.2010
- EEBD / BA	AS : 08.09.2009/07.09.2010
- GAS Detector	AS : 08.09.2009/07.09.2010
- Smoke Detector Alarm System	AS : 08.09.2009/07.09.2010
- Oxygen	AS : 11.09.2009/10.09.2010
4.3. NAVIGATIONAL EQUIPMENTS :	
- Auto pilot : Tokimec PR6262	
- Gyrocompass : Tokimec TG-6000	

- Radar :	
ARPA FURUNO FAR-2837-20AF	
ARPA FURUNO FAR-2827S-36AF	
- Echo Sounder : FURUNO FE-680T	
- Weather Fascimile Receiver : FURUNO FAX 214	
- Speed log : FURUNO SS-70	
- GPS Receiver :	
FURUNO GP-500MK2	
FURUNO GP-80	
- Portable Transceiver : FURUNO FM-8 (3pcs)	
- MF / HF : FURUNO DSC-5R	
- VHF :	
FURUNO FM-7000	
FURUNO FM-7000	
- Inmarsat B FURUNO FELCOM 80A	
- Inmarsat C FURUNO FELCOM-15	
- Navtex : FURUNO NX-500	
- Epirb : JRC – Type JQE 406 MHZ	Ex.Date
H.R.U	07.2011
Battery	07.2014
- Sart : TAIYO MUSEN. TYPE : TBR-200/TBR-600	
Battery	12.2013/02.2012
- Watch-keeping receiver 2128 :	
- AIS : Furuno .FA-100	
- VDR : FURUNO VR-3016	
- SSAS : FURUNO FELCOM-15	
4.4. SAFETY EQUIPMENTS :	
- Bridge Wingsides Smoke Signals :	
- Rocket Parachute Flare (12 Pcs)	
- Liferaft H.U.R	
- HandFlares (12 Pcs For Lifeboats)	
- Rocket Parachute Signals (08 Pcs)	
- Buoyant Smoke Signals (04 Pcs)	
- Lifejackets with Light and Whistle.	
- Thermal Protective Aid .	
- Immersion Suits .	
- First-Aid Kits .	
- Food Ration .	