

1	OWNER	NATIONAL NAVIGATION CO., 4 ELHEGAZ ST.,ROXY - HELIOPOLIS CAIRO - EGYPT P.O. BOX 216 TEL: (202)24525575 FAX: (202)24526171/24526172 TLX: 21834/21835 BULK UN
2	PROJECT NO.	H.N.4068 DAEWOO
3	OFFICIAL NUMBER	5733
4	<u>BUILDING HISTORY</u> STEEL CUTTING KEEL LAY LAUNCHING DATE DELIVERY DATE BUILDING YARD	7TH SEPTEMBER 1999 13TH DECEMBER,1999 18TH MARCH 2000 15TH JUNE 2000 DAEWOO HEAVY INDUSTRIES LTD.
5	PORT OF REGISTRY	ALEXANDRIA
6	CALL SIGN	SSCC
7	LLOYD'S REGISTER NO. / I.M.O. NO.	9208875
8	TYPE OF SHIP	CONTAINER
9	CLASSIFICATION	+100A1,"CONTAINER CARRIER",+LMC,UMS,ICE CLASS,1D "CERTIFIED CONTAINER SECURING ARRANGEMENT
10	KIND OF GARGO	CONTAINER VESSEL
11	DEAD WEIGHT	40301.3 MT (AT SCANTLING DRAFT) 33287.8 MT (AT DESIGN DRAFT)
12	LENGTH O.A	215.00 MTR
13	BREADTH (MLD)	32.20 MTR
14	DRAFT (DESIGN)	10.80 MTR
15	DEPTH (MLD)	19.00 MTR
16	LENGHT B.P	200.00 MTR
17	SCANTLING DRAFT	12.00 MTR
18	DISTANCE BETWEEN KEEL AND TOP CONT- AINER TIER ON DECK (M)	37.677 MTR
19	DISTANCE BETWEEN KEEL AND TOP OF HIGHEST ANTENNA / SUPERSTRUCTURE (M)	55.490 MTR
20	HEIGHT OF BRIDGE DECK ABOVE BASE LINE	39.266 MTR

21	HOLDS / HATCHES	SIX / ELEVEN		
22	HATCH COVERS	HATCH NO.1(12.6X18.044X12.968MTR), HATCHES NO.2-11(12.6X28.4MTR) - 3 PANELS / HATCH MACGREGOR-HANDLED BY DECK CRANES ON BOARD HATCHES NO. 1,2 & 3 ARE WATER TIGHT		
23	<u>STACK LOAD</u> ON DECK IN HOLD	20FT(72MT/STACK) - 40FT(110MT/STACK) 20FT(24MT/UNIT) - 40FT(31MT/UNIT)		
24	<u>HOLDS / DECK CAPACITIES</u> SEE APPENDIX A	TEU	FEU +	TEU
	IN HOLD NO.1 / ON DECK	124/231	55/101	14/20
	IN HOLD NO.2 / ON DECK	254/273	124/130	6/ 0
	IN HOLD NO.3 / ON DECK	294/312	146/156	2/ 0
	IN HOLD NO.4 / ON DECK	300/312	150/156	
	IN HOLD NO.5 / ON DECK	174/312	86/156	2/ 0
	IN HOLD NO.6 / ON DECK	69/156	33/ 78	5/ 0
	UPPER DECK BETWEEN ACC.&HOLD NO.5 - / AFT DECK		0/ 12 0/ 89	
	SUB-TOTAL	1215 / 1596=2811	594 / 878	29/ 20
	TOTAL	2811+101FEU(202TEU)=3013TEU 1472 49		
	AS PER TRIM&STABILITY BOOKLET CONDITIONS PAGES VI-43 / 37 & 31 :	Design	Scantling	
	HOMOGENIOUS(14TON)	1960	2212	
	HOMOGENIOUS(12TON)	2163	2345	
	HOMOGENIOUS(10TON)	2350	2475	
	<u>HIGH CUBE</u>			
	PANAMA	20FT(2342) - 40FT(1241)		
	SOLAS	20FT(2493) - 40FT(1314)		
	45 FEET	45FT(262) ON 2ND & 3RD TIER , 1ST TIER IS 20 / 40 FT		
	<u>NO. OF HOMOGENOUS 14 TON AT 60 GM:</u>			
	AT DESIGN DRAFT	1960		
	AT SCANTLING DRAFT	2208		
25	DAINGEROUS GOODS	LOCATION NO.1AND NO.2 HOLDS, IMDG-CLASSES: 1.1-1.6, 1.4(S),2.1,2.2,2.3,3.3,4.1,4.2,4.3,5.1,6.1(D),8(A),8(C),8(D) AND 9 HOLDS NO.1&2 ARE ELECTRICALLY VENTILATED 2 AIR CHANGE / HR , HOLDS 3-6 :NAT. VENTILLATED WEATHER DECK		
26	LOADING COMPUTER	ON LINE WITH REEFER CONTAINER MONITORING SYSTEM		
27	REEFER CONTAINERS	300(20FT) ON DECK PLUG TYPE:CEE - NORM PLUG EARTH PIN POSITION:CLOCKWISE 3 HR 440V/60HZ/32A MAX. 40FT:150 FEU ALL ON DECK,NONE UNDER DECK TWO TIERS PORT&STARBOARD(HATCH 5 TO HATCH 11)		

28 TANKS (IN TONS)

HEAVY FUEL OIL TANKS	4770.3	TONS
DIESEL OIL TANKS	179.1	TONS
LUBRICATING OIL TANKS	230.8	TONS
FRESH WATER TANKS	267.8	TONS
BALLAST	12464.5	TONS

29 CRANES

THREE CRANES-ELEC. HYD. TYPE
45 TONS S.W.L.
CRANES ARE INSTALLED BETWEEN:
NO. 1 & NO.2 HOLD ,OUTREACH BEYOND SHIP'S RAIL 13.9M
NO. 3 & NO.4 HOLD ,OUTREACH BEYOND SHIP'S RAIL 13.9M
NO. 5 & NO.6 HOLD ,OUTREACH BEYOND SHIP'S RAIL 17.9M

30 MAIN ENGINE TYPE

ENGINE CLASS	B&W 8K80MC-C
MAX BHP	LR
CONTINUOUS RUNNING	39200 BHP X 104.0 RPM
	33320 BHP X 98.5 RPM

31 PROPELLER

FIXED PITCH PROPELLER,FIVE BLADES,DIA
7.60 MTR,PROPELLER PITCH 7172.1 MM (0.9437R),R. HAND

32 BOW THRUSTER

ONE FORWARD SET 1400 KW(NO ASTERN BOW THRUSTER)

33 HEAVY FUEL OIL

HEAVY FUEL OIL ISO 8217:2010 "RMG380"
• Blended fuel is completely not accepted

N.B.:

1- MARPOL Annex VI - Regulation 14:

Sulphur content of H.F.O. / D.O. shall not exceed 4.5% m/m
HEAVY FUEL OIL USED IN SPECIAL AREAS DESIGNATED BY LATEST REGULATIONS SHOULD
CONTAIN A MAXIMUM AMOUNT OF 1.0% SULPHUR

AND

AS DESIGNATED BY LATEST REGULATIONS MARINE GAS OIL (MGO) USED IN SPECIAL AREAS
IDENTIFIED BY THE ABOVE AND EU DIRECTIVES SHOULD CONTAIN AN AMOUNT OF SULPHUR
NOT EXCEEDING 0.1% OR AS IDENTIFIED BY LATEST REGULATIONS.

In addition to the following:

FROM 1 JANUARY 2010 ALL FUEL USED IN BERTH AND INLAND WATERWAYS IN SPECIAL
DESIGNATED AREAS IDENTIFIED BY EU DIRECTIVES HAS TO HAVE A SULPHUR CONTENT OF
0.1% OR AS IDENTIFIED BY LATEST REGULATIONS.

2- MARPOL Annex VI - Regulation 18:

MARPOL - compliant Bunker Delivery Note (BDN) to be submitted to Vsl before bunkering

34 SHIP'S SPEED

21.6KN AT DESIGN DRAFT BEAUFORT SCALE 2 & 85% MCR
20.8KN AT SCANTLING DRAFT BEAUFORT SCALE 2 & 85% MCR
20% SEA MARGIN

35 FUEL CONSUMPTION

1-MAIN ENGINE

APPROX. 92.5 METRIC TONNES PER DAY AT NCR
WITH LOWER CALORIFIC VALUE OF 10,200 KCAL/KG

2-AUX. ENGINE (NORMAL SEA GOING)

APPROX. 4.5 METRIC TONNES PER DAY

3-FOR REEFER

APPROX. 2.4 METRIC TONNES PER DAY

4-DIESEL OIL

FOR EMERGENCY ON BOARD (WARMING & STARTING)

0.1 TONS PER DAY FOR STARTING/CLEANING OF M/E

5-CRANES(LOADING/DISCHARGING)

4.8 TONS PER DAY

36 MAX. BUNKER MANIFOLD REC. CAPACITY

500 MT/HR

37	AUXILIARIES	FOUR MAN B&W DIESEL ENGINE 2530 BHP AT 900 RPM,OUT PUT OF 1750 KWATT EACH	
	CONDITION	NO. OF RUNING GENERATOR	
	NORMAL SEA GOING	1-DG	
	NORMAL SEA GOING WITH REEF. CONT.	2-DG	
	MANOEUVRING WITH THRUSTER	2-DG	
	MANOEUVRING WITH THR. & REEF. CONT.	3-DG	
	CARGO OPERATING	2-DG	
38	EMERG'Y DIESEL GENERATOR	ONE DIESEL GEN. 215 BHP X 1800 RPM OUT PUT 150 KW	
39	<u>BOILERS</u>		
	AUXILIARY BOILER (WATER TUBE)	3,000KG/H - 7KG/CM2G - HFO UP TO 380 CST AT 50C&MDO	
	EXHAUST GAS BOILER (SMOKE TUBE)	3,000KG/H - 7KG/CM2G -	
40	LIFE BOATS(ONE IS A RESCUE BOAT)	TWO ENCLOSED LIFE BOATS WITH ENGINE 39 PERSONS PER EACH/ 6 KNOTS IN SMOOTH WATER	
41	RADARS	ONE SET X-BAND ONE SET S-BAND WITH ARPA	
42	CO2	TOTAL FLOODING SYS.IN E/R&CARGO HOLDS	
43	ACCOMMODATION	FOR TOTAL 45 PERSONS	
44	CREW MEMBERS	29 PERSONS	
45	P & I CLUB	STEAMSHIP MUTUALUNDERWRITING ASS. BERMUDA	
46	INMARSAT C	462211840	
47	INMARSAT B		
	TEL.	362212810	
	FAX	362212811	
	DATA	362212812	
	HSD	391022462	
	TLX .	362212814	
	EMAIL	master@wadiarayan.amosconnect.com master@wadiarayan4.amosconnect.com	
48	FLEET 77		
	TEL	764867160	
	FAX	764867161	
49	D.S.CALL	78094	
50	EPIRB	622121427	
51	IMN NO.	462211895	
52	Company IMO NO.	0957062	
53	<u>ISM CODE CERTIFICATE :</u>		
	VALIDITY DATE	5/11/2011	
54	<u>TONNAGES (METRIC TONS)</u>	SCANTLING	DESIGN
	<u>LIGHT SHIP</u>	13525.7	13525.7
	DEAD WEIGHT SUMMER DRAFT	40301.3	33287.8
	DEAD WEIGHT WINTER DRAFT	38800.6	32016.7
	DEAD WEIGHT TROPICAL DRAFT	41802.3	34558.7
	DEAD WEIGHT FRESH WATER	40306.5	33281.0
	DEAD WEIGHT TROPICAL FRESH WATER	41785.8	34553.5
	GROSS TONNAGE 1969	34188	
	NET TONNAGE 1969	17492	
	SUEZ CANAL GROSS TONNAGE	36481.17	
	SUEZ CANAL NET TONNAGE	27545.38	
	GROSS TONNAGE 1965	34749.51	
	NET TONNAGE 1965	18712.7	
	PANAMA CANAL NET TONNAGE	30054	
55	NOTES	1- 40 BOXES CAN BE STOWED UNLIMITEDLY ON TOP OF 2X20 BOXES IN HOLD ONLY	
		2- TYPE OF TWISTLOCKS AND OTHER LASHING MATERIALS ARE (SEC)	
		3- ALL CONTAINERS UNDER DECK ARE STOWED IN	ALIGNMENT
		WITH BOXES ON DECK	
		4- ALL HATCH COVERS / PANELS CAN BE OPENED /CLOSED INDEPENDENTLY , WITHOUT SEQUENCE	
		5- THERE ARE NOT ANY CONTAINER POSITIONS OVERLAPPING WITH INDIVIDUAL HATCH OPENINGS (THERE IS NO OVERLAPPING POINT IN THE	

VESSEL)

	6- IMO CLASSES CAN BE LOADED IN HOLDS/ON DECK AT THE SCANTLING DRAFT (IMO/PANAMA)	DESIGNED DRAFT (IMO/PANAMA)
ON DECK APPROX. 1814/1670 TEU		1788/1644
IN HOLD APROX. 1172/1172 TEU		1172/1172
TOTAL	2986/2842	2960/2816

56 Plans :

- A- GENERAL ARRANGMENT PLAN
- B- CAPACITY PLAN
- C- CONTAINER STOWAGE PLAN
- D- PLAN DECK
- E- TRIM AND STABILITY BOOK
- F- REEFER SOCKETS PANEL BOARDS LOCATION
- G- HYDROSTATIC CURVES PLAN
- H- LOADING SCALE
- K- TANK PLAN