

M/V WADI ALKARNAK

VESSEL'S NAME		MV WADI ALKARNAK	
1 OWNER		NATIONAL NAVIGATION CO., 4 ELHEGAZ ST.,ROXY - HELIOPOLIS CAIRO - EGYPT TEL: (202) 24525575 FAX: (202) 24526171 / 24526172 TLX: 21834/21835 H1112 DAEWOO 4720	
2 PROJECT NO.			
3 OFFICIAL NUMBER			
4 BUILDING HISTORY			
FABRICATING DATE		22nd APRIL 1996	
KEEL LAY		14th AUGUST,1996	
LAUNCHING DATE		23rd NOVEMBER 1996	
DELIVERY DATE		7th JANUARY 1997	
BUILDING YARD		DAEWOO SHIP BUILDING & HEAVY MACH.	
5 PORT OF REGISTRY		ALEXANDRIA	
6 SIGN LETTER		SSMM	
7 LLOYD'S REGISTER NO.		9127136	
8 TYPE OF SHIP		BULK CARRIER	
9 TYPE OF FREE BOARD		B-60	
10 CLASS		LR+100A1 BULK CARRIER"STRENGTHENED FOR HEAVY CARGOES,HOLD NO.2,4 AND 6 MAY BE EMPTY,HOLD NO.4 MAY BE USED FOR WATER BALLAST + LMC,UMS,ICE CLASS ID	
11 KIND OF GARGO		GRAIN,COAL AND ORE IN BULK	
12 DEAD WEIGHT (Approx.)		70090.40 TONS (Summer S.W)	
13 LIGHT WEIGHT		10247.5	
14 GROSS TONNAGE 1965		37028.57	TONS (For Egyptian Maritime
15 NET TONNAGE 1965		27502.45	TONS Authority only)
16 INTERNATIONAL GROSS TONNAGE 1969		37550.00	TONS
17 INTERNATIONAL NET TONNAGE 1969		20055.00	TONS
18 SUEZ CANAL GROSS TONNAGE		38854.65	TONS
19 SUEZ CANAL NET TONNAGE		35032.23	TONS
20 PANAMA CANAL GROSS TONNAGE		38306.06	TONS
21 PANAMA CANAL NET TONNAGE		31785.10	TONS
22 LENGTH O.A		225.00	MTR
23 BREADTH (MLD)		32.23	MTR
24 DRAFT		13.318	MTR
25 DEPTH (MLD)		18.50	MTR
26 LENGHT B.P		216.322	MTR
27 TROPICAL DRAFT		13.595	MTR
28 WINTER DRAFT		13.041	MTR
29 FRESH DRAFT		13.625	MTR
30 TROPICAL FRESH DRAFT		13.902	MTR
31 HATCH COAMING HEIGHT(fm main deck to face plate of h.coaming)			
* HOLD NO.1		1.992	MTR
* HOLDS NO. 2,3,4,5,6,7		1.400	MTR

32	HEIGHT FROM KEEL TO : * MAST END * ANNTENA END	44.314 MTR 47.540 MTR		
33	HOLDS / HATCHES	SEVEN/SEVEN (16.6 X 14.94 X 0.90 MTR)		
34	HATCH COVERS	SIDE ROLLING TYPE-ELECTRO HYDRAULIC MAC GREGOR-TWO PANELS-WATER TIGHT OF CONVEX TYPE		
35	HEIGHT FM BASE LINE TO TOP FACE PLATE OF HATCH COVER * HOLD NO.1 * HOLDS NO. 2,3,4,5,6,7	21.085 MTR 20.540 MTR		
36	AIR DRAFT (IT MEANS DISTANCE FROM WATER LINE TO HATCH COVER) A) LIGHT BALLAST(DRAFT 5.927 MTR) (FULL "BUNKER,FW,OILS") B) HEAVY BALLAST (DRAFT 7.299 MTR) (FULL "BUNKER,FW,OILS") C) FULL LOAD (DRAFT 13.318 MTR) (FULL "BUNKER,FW,OILS")	<u>hold no.1</u> <u>other holds</u> 15.16 MTR 14.61 MTR 13.79 MTR 13.24 MTR 7.79 MTR 7.29 MTR		
37	PREMISSIBLE LOADING D.B.T TOP HOLD NO.1 D.B.T TOP HOLTS (2,3,4,5,6) D.B.T TOP HOLD NO.7 UPPER DECK (T.S.W.TKS) HATCH COVER (DESIGN <u>NOT</u> ALLOWED FOR STOWING CARGO) STOWAGE FACTOR T.P.C	37.60 TON/SQ.MTR 36.10 TON/SQ.MTR 42.4 TON/SQ.MTR 1.75 TON/SQ.MTR 1.75 TON/SQ.MTR FM 12.0 CUB.FT/TON TO 65 CUB.FT/TON 65.0 TONS/CM (AT DRAFT 13.318 MTR)		
38	HOLDS MEASUREMENTS HOLD NO.1 (ABOUT) HOLD NO.2 (ABOUT) HOLD NO.3 (ABOUT) HOLD NO.4 (ABOUT) HOLD NO.5 (ABOUT) HOLD NO.6 (ABOUT) HOLD NO.7 (ABOUT) <u>HOLDS CLEAR AREA</u> HOLD NO.1 HOLD NOS. 2,3,4,5,6 HOLD NO. 7	L X (BA X BF) X MAIN DECK 24.07 X (31 X 19.8) X 16.70 MTR 24.9 X 32.2 X 16.70 MTR 24.9 X 32.2 X 16.70 MTR 24.9 X 32.2 X 16.70 MTR 24.9 X 32.2 X 16.70 MTR 24.9 X 32.2 X 16.70 MTR 24.9 X 32.2 X 16.70 MTR AFT X FRD X L (MTR) 21.0 X 10.0 X 22.0 23.2 X 21.2 X 22.7 10.0 X 21.0 X 25.0		
39	DOUBLE BOTTOM HEIGHT	1.80 MTR		
40	HOLDS CAPACITIES			
	<u>CAP.(GRAIN)/CUB.MTR</u>	<u>CAP.(BALES)/CUB.MTR</u> <u>L.C.G/MTR</u> <u>V.C.G/MTR</u>		
	HOLD NO.1 10489.1	9924.2		
	HOLD NO.2 12098.2	11521.8		
	HOLD NO.3 12105.3	11477.9		
	HOLD NO.4 12105.3	11432.9		
	HOLD NO.5 12139.2	11561.0		
	HOLD NO.6 12128.1	11560.8		
	HOLD NO.7 11144.6	10859.4		
	TOTAL 82209.8	78338.0		

41	<u>TANKS (IN TONS)</u>	
	HEAVY FUEL OIL TANKS	2237.8 TONS
	DIESEL OIL TANKS	190.7 TONS (98% FU LL)
	LUBRICATING OIL TANKS	74.2 TONS
	FRESH WATER TANKS	333.2 TONS (100%)
42	<u>GENERAL CAPACITIES</u>	
	BALE	78338.0 CUB.MTR
	GRAIN	82209.8 CUB.MTR
	BALLAST	21569.1 CUB.MTR (EXCL.HOLD NO.4)
	CONSTANT	380 TONS
43	<u>DWT TABLE (Approx.)</u>	
	Loadline Mark	Draft Mtr
		Draft Ft
		Deadweight (SW)
	Tropical Fresh	13.902
	Fresh	13.625
	Tropical	13.595
	Summer	13.318
	Winter	13.041
		45.61
		44.70
		44.60
		43.69
		42.78
		71,870.7
		70,096.0
		71,907.5
		70,090.4
		68,278.4
44	CRANES	TWO PROVISION CRANES-ELEC. HYD. TYPE 2.0 TONS S.W.L,TWO F.O HOSE HANDLING CRANE - 4.0 TONS S.W.L
45	DECKS NO. (DK HOUSE)	FIVE
46	CLEAR DECK SPACE	2.85/2.75/2.75/2.75/2.6 MTR
47	MASTS NOS.	TWO MASTS
48	MAIN ENGINE TYPE	B&W 6S50MC
49	ENGINE CLASS	LR
50	BARRING RANGE	50:60 RPM
51	PROPELLER	FIXED PITCH PROPELLER,FOUR BLADES,DIA 5.85 MTR,PROPELLER PITCH 4136 MM (0.7R)
52	MAX BHP	11640 BHP X 127.0 RPM
53	CONTINOUS RUNNING	10476 BHP X 122.6 RPM
54	<u>MANOEUVERING R.P.M</u>	
	FULL AHEAD	86 RPM
	HALF AHED	72 RPM
	SLOW AHEAD	46 RPM
	FULL ASTERN	86 RPM
	HALF ASTERN	72 RPM
	SLOW ASTERN	46 RPM

55	<u>SPEED/CONSUMPTION</u>	
		AT SEA
a	<u>Consumption for Speed at Heavy Ballast</u>	
	Speed: 13.0 Knots	* Main engine VLSFO 24.0 T/Day
		* Aux Engines VLSFO 2.0 T/Day
b	<u>Consumption for Speed at Full Load</u>	
	Speed: 12.0 Knots	* Main engine VLSFO 24.0 T/Day
		* Aux Engines VLSFO 2.0 T/Day
c	<u>Consumption for Eco. Speed</u>	
	Speed: 11.0 Knots	* Main engine VLSFO 22.0 T/Day
		* Aux Engines VLSFO 2.0 T/Day
d	<u>Maneuvering Consumption</u>	About 1.0 Ton / One Hour (VLSFO) (Maneuvering time calculated as per official log book)
		* Aux Engines VLSFO 2.5 T / Day (Maneuvering time calculated as per official log book)
		AT PORT & ANCHORAGE
		* Aux Engines VLSFO 2.4 T / Day
		* Boiler LSMGO 1.2 T / Day
	(THE A/M SPEEDS & CONSUMPTIONS BASED ON SEA SCALE "BEAUFORT 4 ")	
56	HEAVY FUEL OIL	VLSFO "RME 180" MAX 0.5% Sulphur content Min.Kinematic viscosity @50°C:80 cst Specs: ISO 8217 : 2010 4th Edition (Mixing Fuel is completely not accepted)
57	MARINE DIESEL OIL	LSMGO MAX 0.1% Sulphur content Specs: ISO 8217:2010 4th Edition MGO DMA
	(THE A/M SPEEDS & CONSUMPTIONS BASED ON SEA SCALE "BEAUFORT 4")	
	<u>N.B.: A) designated by latest regulations :</u>	
	1- MARPOL Annex VI - Regulation 14 Sailing in special area	
	2- As Marine Gas Oil (MGO) used in special areas as above EU directives 2005/33/EC should contain a specified amount of Sulphur or identified by latest regulations.	
	<u>B) MARPOL Annex VI - Regulation 18:</u>	
	MARPOL - Compliant Bunker Delivery Note (BDN) to be submitted to the Vessel.	
	<u>REF MEPC.1/Circ.875/Add.1:</u>	
	Owner requires COQ to be copied to Ship's Master/Chief Eng at least 24 HRS prior bunker supply.	

58	LUB OIL	70 CST AT 50 DEGREE
59	FRESH WATER ALLOWANCE	0.258 MTR
60	SHIP'S SPEED	13.97
61	PROPELLER PITCH	Fixed, 4136 mm
62	SLIP	M.E SPEED - SHIP SPEED / M.E SPEED
63	AUXILIARIES	THREE MAN B&W DIESEL ENGINE 730 BHP AT 720 RPM,OUT PUT OF 500 K.WATT
64	BOILERS	ONE OIL FIRED BOILER (F.O)
65	EMERG'Y DIESEL GENERATOR	ONE DIESEL GEN. 180 BHP X 1800 RPM OUT PUT 120 KW
66	LIFE BOATS	TWO ENCLOSED LIFE BOATS WITH ENGINE
67	RADARS	ONE SET X-BAND ONE SET X-BAND WITH ARPA
68	MAIN RADIO	MAIN RADIO TRANSMITTER (GMOSS TYPE)
69	CO2	TOTAL FLOODING SYS.IN E/R&CARGO HOLDS
70	ACCO.	FOR TOTAL PERSONS
71	HOLD LADDER (AWHL)	VESSEL EQUIPPED WITH IT
72	CREW MEMBERS	28 P + 6 CADETS + 6 SUEZ CREW
73	P & I CLUB	American steamship