

## 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
2 PROJECT NO.	H1112 DAEWOO
3 OFFICIAL NUMBER	4720
4 <u>BUILDING HISTORY</u>	
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	70000.00 TONS
13 LIGHT WEIGHT	10247.50 TONS
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	13.318 + 0.258 MTR
28 WINTER DRAFT	13.318 - 0.258 MTR
29 FRESH DRAFT	13.318 + 0.286 MTR
30 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

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

39 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		
<b>TOTAL</b>	<b>82209.8</b>	<b>78338.0</b>		

40 TANKS (IN TONS)

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%)

41 GENERAL CAPACITIES

BALE	78338.0	CUB.MTR
GRAIN	82209.8	CUB.MTR
BALLAST	21569.1	CUB.MTR (EXCL.HOLD NO.4)
CONSTANT	500	TONS

42 DWT AT ALL DRAFT

<u>DRFT/MTR</u>	<u>DRFT/FT</u>	<u>DWT/S.W</u>	<u>DWT/B.W</u>	<u>DWT/F.W</u>
6.0	19.68	23966.5	23699.5	23132.0
7.0	22.97	30052.5	29738.0	29069.6
7.5	24.61	33119.5	32781.0	32061.8
8.0	26.25	36202.5	35840.0	35069.6
8.5	27.89	39302.5	38915.8	38094.0
9.0	29.53	42418.5	42007.4	41134.0
9.5	31.17	45551.5	45116.0	44190.5
10.0	32.81	48702.5	48242.4	47264.7
10.5	34.45	51871.5	51386.7	50356.4
11.0	36.09	55062.5	54552.8	53469.6
11.5	37.73	58274.5	57739.7	56603.2
12.0	39.37	61505.6	60945.5	59755.4
* BRAKISH WATER DENSITY 1.017		* FRESH WATER DENSITY 1.000		
* SEA WATER DENISTY 1.025				

43 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

44 DECK NO. (DK HOUSE)

FIVE

45 CLEAR DECK SPACE

2.85/2.75/2.75/2.75/2.6 MTR

46 MASTS NOS.

TWO MASTS

47	MAIN ENGINE TYPE	B&W 6S50MC
48	ENGINE CLASS	LR
49	BARRING RANGE	50:60 RPM
50	PROPELLER	FIXED PITCH PROPELLER,FOUR BLADES,DIA 5.85 MTR,PROPELLER PITCH 4136 MM (0.7R)
51	MAX BHP	11640 BHP X 127.0 RPM
52	CONTINOUS RUNNING	10476 BHP X 122.6 RPM
53	<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
54	SPEED/CONSUMPTION	<u>AT SEA</u>
a-	SPEED/CONSUMPTION (SCANTLING Draft)	About 13.0 KNOTS(HFO 32.5 T/DAY,DO 0.5 T/DAY) About 12.5 KNOTS(HFO 31.5 T/DAY,DO 0.5 T/DAY)
b-	SPEED/CONSUMPTION (BALLAST)	About 14.0 KNOTS(HFO 30 T/DAY,DO 0.5 T/DAY)
c-	MANEOUVERING CONSUMPTION	About 1.0 TON GAS OIL PER ONE HOUR MANEOUVERING TIME TO BE CALCULATED AS PER OFFICIAL LOG BOOK. <u>AT PORT</u> (HFO About 3.0 T/DAY , DO About 1.5 T/DAY)
55	HEAVY FUEL OIL	ISO 8217:2010 4th Edition "RME180" • Blended fuel is completely not accepted
56	MARINE DIESEL OIL ( THE A/M SPEEDS & CONSUMPTIONS BASED ON SEA SCALE "BEAUFORT 4 " )	ISO 8217:2010 <b>DMA</b> <u>OR</u> <b>COMMERCIALLY GAS OIL</b>
	<u>N.B.:</u>	
	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 RGULATIONS 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.	
	<u>In addition to the following:</u>	
	FROM 1 JUANUARY 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	
57	LUB OIL	70 CST AT 50 DEGREE
58	FRESH WATER ALLOWANCE	0.258 MTR

[R14] JAN 2011

59 SHIP'S SPEED	13.97
60 PROPELLER PITCH	Fixed, 4136 mm
61 SLIP	M.E SPEED - SHIP SPEED / M.E SPEED
62 AUXILIARIES	THREE MAN B&W DIESEL ENGINE 730 BHP AT 720 RPM,OUT PUT OF 500 K.WATT
63 BOILERS	ONE OIL FIRED BOILER (F.O)
64 EMERG'Y DIESEL GENERATOR	ONE DIESEL GEN. 180 BHP X 1800 RPM OUT PUT 120 KW
65 LIFE BOATS	TWO ENCLOSED LIFE BOATS WITH ENGINE
66 RADARS	ONE SET X-BAND ONE SET X-BAND WITH ARPA
67 MAIN RADIO	MAIN RADIO TRANSMITTER (GMOSS TYPE)
68 CO2	TOTAL FLOODING SYS.IN E/R&CARGO HOLDS FOR TOTAL PERSONS
69 ACCO.	VESSEL EQUIPPED WITH IT
70 HOLD LADDER (AWHL)	28 P + 6 CADETS + 6 SUEZ CREW
71 CREW MEMBERS	STEAMSHIP MUTUAL UNDERWRITING ASS.
72 P & I CLUB	763706697
73 TEL.NO. MASTER (MINI-M)	763706694
74 TEL.NO. RADIO ROOM (MINI-M)	763706695
75 FAX NO. 9.6 (MINI-M)	763706696
76 DATA 64 (MINI-M)	78011
77 TLX MARINE NO.	462211931
78 INMARSAT-C TELEX NO.	622121425
79 MMSI (DSC & EPIRB)	master@wadialkarnak1.amosconnect.com
80 E-MAIL	
81 FLEET 77:	
TEL. NO. MASTER CABIN	600816644
TEL. NO. RADIO ROOM	764598973
DATA 64	600816642
FAX 9.6	764598975
82 IMN NO.	462211891
83 Company IMO NO.	0957062
84 <u>ISM CODE CERTIFICATE :</u>	
VALIDITY DATE	20/12/2012
DOC	08/01/2013