

M/V WADI ALKARM

VESSEL'S NAME	WADI ALKARM
1 OWNER	NATIONAL NAVIGATION CO., 4 ELHEGAZ ST.,ROXY - HELIOPOLIS CAIRO - EGYPT TEL: (202)24525575 FAX: (202)24526171 / 24526172 TLX: 2834/2835
2 PROJECT NO.	S-4029 STX
3 OFFICIAL NUMBER	9257
4 <u>BUILDING HISTORY</u>	
FABRICATING DATE	4th June 2010
KEEL LAY	30th October 2010
LAUNCHING DATE	14th December 2010
DELIVERY DATE	18th February 2011
BUILDING YARD	STX Offshore & Shipbuilding
5 PORT OF REGISTRY / registry No.	ALEXANDRIA / 3633
6 SIGN LETTER	6AGT
7 LLOYD'S REGISTER NO./IMO no.	9460760
8 TYPE OF SHIP	BULK CARRIER
9 TYPE OF FREE BOARD	B - 60 (With reduced free board)
10 CLASS NOTATION	LRX100A1 BULK CARRIER, CSR, BC-A HOLDS NO.2,4 AND 6 MAY BE EMPTY, GRAB [20], LI, IWS, SHIPRIGHT (CM), +LMC, ESP, UMS WITH DESCRIPTIVE NOTES "PT.HT., SHIPRIGHT (SCM, BWMP (F))"
11 KIND OF GARGO	Coal, Iron, Ore and Grain
12 DEAD WEIGHT	80,533.1 MT
13 LIGHT WEIGHT	13,288.9 MT
14 GROSS TONNAGE 1965	43736.12 MT (For Egyptian Maritime Authority only)
15 NET TONNAGE 1965	31183.40 MT (For Egyptian Maritime Authority only)
16 INTERNATIONAL GROSS TONNAGE 1969	43790.00 MT
17 INTERNATIONAL NET TONNAGE 1969	26673.00 MT
18 SUEZ CANAL GROSS TONNAGE	45016.080 MT
19 SUEZ CANAL NET TONNAGE	40414.22 MT
20 PANAMA CANAL GROSS TONNAGE	144431 M3 (Total Volume)
21 PANAMA CANAL NET TONNAGE	36949 MT
22 LENGTH O.A	229.00 mtr
23 BREADTH (MLD)	32.24 mtr
24 DRAFT	14.468 mtr
25 DEPTH (MLD)	20.10 mtr
26 LENGHT B.P	222.00 mtr
27 TROPICAL DRAFT	14.769 mtr
28 WINTER DRAFT	14.167 mtr
29 FRESH DRAFT	14.802 mtr
30 TROPICAL FRESH	15.203 mtr
31 HATCH COAMING HEIGHT(fm main deck to face plate of h.coaming)	
* All Holds	1.6 M

32	<u>HEIGHT FROM KEEL TO :</u> * MAST END * ANNTENA END	47.250 M 47.677 M																												
33	<u>HOLDS / HATCHES</u>	SEVEN/SEVEN																												
34	<u>HATCH COVERS</u> Dimension of h. cover no.1 Dimension of h. cover no.from 2 - 7	SIDE ROLLING TYPE-ELECTRO HYDRAULIC TWO PANELS-WEATHERTIGHT 12.10 x 17.20 x (0.800 - 0.872) m 15.00 x 17.20 x (0.800 - 0.872) m																												
35	<u>HEIGHT FM BASE LINE TO TOP FACE PLATE OF HATCH COVER</u> * HOLDS NO.1,2 * HOLDS NO. 3,4,5,6,7	23.275 M 23.2 M																												
36	<u>AIR DRAFT</u> (DEFENITION: DISTANCE FROM WATER LINE TO HATCH COVER) A) LIGHT BALLAST (DRAFT 6.486 MTR) B) HEAVY BALLAST (DRAFT 7.311 MTR) C) FULL LOAD (DRAFT 14.450 MTR)	<table border="0"> <thead> <tr> <th><u>hold no.1</u></th> <th><u>no.2</u></th> <th><u>no.3</u></th> <th><u>no.4</u></th> <th><u>no.5</u></th> <th><u>no.6</u></th> <th><u>no.7</u></th> </tr> </thead> <tbody> <tr> <td>17.87</td> <td>17.57</td> <td>17.26</td> <td>16.96</td> <td>16.65</td> <td>16.35</td> <td>16.04</td> </tr> <tr> <td>16.47</td> <td>16.34</td> <td>16.20</td> <td>16.07</td> <td>15.93</td> <td>15.80</td> <td>15.66</td> </tr> <tr> <td>8.92</td> <td>8.90</td> <td>8.88</td> <td>8.86</td> <td>8.84</td> <td>8.82</td> <td>8.80</td> </tr> </tbody> </table>	<u>hold no.1</u>	<u>no.2</u>	<u>no.3</u>	<u>no.4</u>	<u>no.5</u>	<u>no.6</u>	<u>no.7</u>	17.87	17.57	17.26	16.96	16.65	16.35	16.04	16.47	16.34	16.20	16.07	15.93	15.80	15.66	8.92	8.90	8.88	8.86	8.84	8.82	8.80
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37	<u>PERMISSIBLE LOADING</u> D.B.T TOP HOLD NO.1 D.B.T TOP HOLD NO.2 D.B.T TOP HOLD NO.3 D.B.T TOP HOLD NO.4 D.B.T TOP HOLD NO.5 D.B.T TOP HOLD NO.6 D.B.T TOP HOLD NO.7 UPPER DECK HATCH COVER (DESIGN NOT ALLOWED FOR STOWING CARGO) STOWAGE FACTORS T.P.C	28.28 TON/SQ.MTR 18.90 TON/SQ.MTR 29.20 TON/SQ.MTR 18.90 TON/SQ.MTR 29.20 TON/SQ.MTR 18.90 TON/SQ.MTR 29.30 TON/SQ.MTR - From 12 To 60 cub ft / ton 70.3 TONS/CM (AT 14.45 MTR)																												
38	<u>HOLDS MEASUREMENTS</u> 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 HOLD NOS. 3,4,5,6 HOLD NO. 7	L X (BA X BF) X MAIN DECK 25.80 X (32.15 X 19.10) X 20.1 25.80 X (32.24 X 32.15) X 20.1 25.80 X (32.24 X 32.24) X 20.1 25.80 X (32.24 X 32.24) X 20.1 25.80 X (32.24 X 32.24) X 20.1 25.80 X (32.24 X 32.24) X 20.1 25.80 X (17.12 X 32.24) X 20.1 AFT X FRD X L (MTR) 21.18 X 10.02 X 25.80 23.38 X 22.30 X 25.80 23.38 X 23.38 X 25.80 10.02 X 23.38 X 25.80																												

HOLDS INSIDE SURFACE AREA
(including Tank Top Plate)

HOLD NO.1	2395.3 SQ.MTR
HOLD NO.2	2836.5 SQ.MTR
HOLD NO.3	2838.8 SQ.MTR
HOLD NO.4	2838.8 SQ.MTR
HOLD NO.5	2838.8 SQ.MTR
I HOLD NO.6	2838.8 SQ.MTR
HOLD NO.7	2573.1 SQ.MTR
 39 DOUBLE BOTTOM HEIGHT	 1.8 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	12188.0		11723.90	199.48/MTR	11.53.MTR
HOLD NO.2	13091.3		13371.94	174.43/MTR	11.11/MTR
HOLD NO.3	13913.5		13383.74	148.64/MTR	11.10/MTR
HOLD NO.4	13913.5		13383.74	122.84/MTR	11.10/MTR
HOLD NO.5	13913.5		13383.74	97.04/MTR	11.10/MTR
HOLD NO.6	13913.5		13383.74	71.24/MTR	11.10/MTR
HOLD NO.7	13428.5		12917.18	45.46/MTR	11.47/MTR
TOTAL	95171.7		91548.00	121.73/MTR	11.21/MTR

41 TANKS (IN TONS)

HEAVY FUEL OIL TANKS	2339.2 TONS (98% FULL)
DIESEL OIL TANKS	143.7 TONS (98% FULL)
LUBRICATING OIL TANKS	129.9 TONS (98% FULL)
FRESH WATER TANKS	469.7 TONS (100%)

42 GENERAL CAPACITIES

BALE	91,548 CUB.MTR
GRAIN	95,172 CUB.MTR
BALLAST	22768 CUB.MTR (EXCL.HOLD NO.4)
CONSTANT	196.0 TONS

43 DWT AT ALL DRAFT

<u>DRFT/MTR</u>	<u>DRFT/FT</u>	<u>DWT/S.W</u>	<u>DWT/F.W</u>
3.0 M	9.84252 FT	4720.3	4289.5
4.0 M	13.1234 FT	10952.3	10369.5
5.0 M	16.4042 FT	17270.9	16534.1
6.0 M	19.6850 FT	23665.8	22772.9
7.0 M	22.9659 FT	30135.0	29084.4
8.0 M	26.2467 FT	36682.6	35472.3
9.0 M	29.5276 FT	43314.9	41942.9
10.0 M	32.8084 FT	50042.7	48506.6
11.0 M	36.0892 FT	56861.1	55158.7
12.0 M	39.3701 FT	63759.5	61888.8
13.0 M	42.6509 FT	70718.1	68677.6
14.0 M	45.9318 FT	77720.3	75509.1
14.45 M	47.4081 FT	80882.0	78593.6

44 CRANES

-TWO(2) PROVISION CRANES-ELEC.TYPE
 4.0 MT SWL
 -ONE(1) F.O HOSE HANDLING CRANE/ SUEZ BOAT HANDLING DAVIT (4.0 MT SWL) (STB'D SIDE)

 -ONE(1) F.O HOSE HANDLING CRANE
 0.5 MT SWL (PORT SIDE)

45 DECKS NO. (DK HOUSE)

6 Deck

46 CLEAR DECK SPACE

UPPER~A DECK : 3,100
 A DECK ~ B DECK : 3,000
 B DECK ~ C DECK : 3,000
 C DECK ~ D DECK : 3,000
 D DECK ~ NAV. DECK : 3.000
 NAV.DECK ~ COM.DECK : 2.75
 4 MASTS

47 MASTS NOS.

48 MAIN ENGINE TYPE

Man B&W 7S50MC-C(MK VII) / 2-stroke, single acting, direct reversible, crosshead engine with exhaust gas turbocharger and air cooler

49 ENGINE CLASS

Lloyd's Register

50 BARRING RANGE

41~51

51 PROPELLER

FIXED PITCH PROPELLER,FOUR(4) BLADES
 DIA 6.2 MTR
 PROPELLER PITCH (0.7R) : 4136.2 MM

52 MAX BHP

15,050 BHP X 127 RPM

53 NCR (CONTINOUS RUNNING)

13,545 BHP X 123 RPM

54 MANOEUVERING R.P.M

FULL AHEAD	105RPM
HALF AHED	85RPM
SLOW AHEAD	64RPM
FULL ASTERN	105RPM
HALF ASTERN	85RPM
SLOW ASTERN	64RPM

55 SPEED/CONSUMPTION

AT SEA

- 1- Gurantee speed based on sea scale "Beafort 4"
- 2- Speeds & Fuel Oil consumptions are Estimated & Theoretical values based on Speed-Power Curve only With 15% sea margin

a Consumption for Speed at Heavy Ballast (Mean Draft 7.48 mtr)

About 14.4 Knots (HFO 36.0 T/DAY + 2.8 / DAY FOR A/E)
 AVRG. 0.2 T/DAY MDO

b Consumption for Speed at Full Load (Draft/14.45 mtr)

About 13.5 Knots (HFO 38.0 T/DAY + 2.8 /DAY FOR A/E)
 About 13.0 Knots (HFO 36.0 T/DAY + 2.8 /DAY FOR A/E)
 AVRG. 0.2 T/DAY MDO

c Maneuvering Consumption

About 1.5 Ton / One Hour (MDO)
 (Maneuvering time calculate per official log book)

AT PORT

A/E (HFO About 2.8 T/Day + DO About 0.2 T/Day)

Aux.Boiler (HFO 1.20 T/Day)

Total Daily Avrg Consumption (HFO 4.0 +DO 0.2 Tons)

(THE A/M SPEEDS & CONSUMPTIONS BASED ON SEA SCALE "BEAUFORT 4 ")

56	HEAVY FUEL OIL	ISO 8217 : 2010 3rd Edition "RMG 380"
57	MARINE DIESEL OIL	ISO 8217:2010 MDO OR Commercially Gas Oil

N.B.: A) designated by latest regulations :

1- MARPOL Annex VI - Regulation 14 Sailing in special area:
Sulphur content of HFO / DO shall not exceed 1.5% m/m

2- As Marine Gas Oil (MGO) used in special areas as above EU directives should contain an amount of Sulphur not exceed 0.1% with minimum 3 cst or identified by latest regulations.

3- All Fuels used in berth and inland waterways in special designated areas identified by EU Directives with a Sulphur content of 0.1% or as identified by latest regulations.

B) MARPOL Annex VI - Regulation 18:

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

58	LUB OIL	MAIN L.O SUMP TANK(16,720L) EXXON MOBIL: MOBIL GARD 300
59	FRESH WATER ALLOWANCE	20 ton/day
60	SHIP'S SPEED	See item 55
61	PROPELLER PITCH	0.7R Fixed, 4136.2mm MEAN(FIXED) ; 3937MM
62	AUXILIARIES	THREE (895BHP) AT 1,200 RPM,OUT PUT OF 625 K.WATT
63	BOILERS	Vertical, forced draft, marine boiler with auto. Combustion device and feed water regulator. Steam output: 1,300 kg/h for oil fired section 1,300 kg/h for exh. Gas section at NCR of M/E.
64	EM'CY DIESEL GENERATOR	ONE DIESEL GEN. 252 BHP X 1,800 RPM OUTPUT 150 KW
65	LIFE BOATS	ONE LIFEBOAT (FREE FALL TYPE) WITH ENGINE ONE RESCUE BOAT (6 Persons)
66	RADARS	9ft X-BAND RADAR with ARPA Transmitting frequency : 9410 ± 30 MHz Transmitter output : 25kW 12ft S-BAND RADAR with ARPA Transmitting frequency : 3050 ± 20 MHz Transmitter output : 30kW
67	MAIN RADIO	250W MF/HF RADIO EQUIPMENT

68 CO2	TOTAL FLOODING SYS.IN E/R&CARGO HOLDS
69 ACCO.	32 for total persons + 6 Persons (Suez Canal)
70 HOLD LADDER (AWHL)	VESSEL EQUIPPED WITH IT
71 CREW MEMBERS	32 PERSONS + (SUEZ CREW: 6 PERSONS)
72 P & I CLUB	NORTH OF ENGLAND P&I ASSOCIATION LIMITED
73 TLX. NO. (INMARSAT C)	462200126
TLX. NO. (MARINE)	622121414
74 E-MAIL	wadialkarm@seamail-lite.com
75 FLEET 77 (Broadband) TEL NO.	870773186876
FAX NO.	870783186046
D64 NO.	870783186047
76 MMSI NO.	622121414
77 EPIRB ID NO.	CDC9D65D29D28D1
78 IMN NO.	462200126
79 Company IMO NO.	957062
80 <u>ISM CODE CERTIFICATE :</u>	
VALIDITY DATE	
DOC	1/8/2013