

M/V WADI ALYARMOUK

VESSEL'S NAME	MV WADI ALYARMOUK
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-4012 STX
3 OFFICIAL NUMBER	9254
4 BUILDING HISTORY	
FABRICATING DATE	Tuesday, March 23, 2010
KEEL LAY	Thursday, August 19, 2010
LAUNCHING DATE	Wednesday, October 13, 2010
DELIVERY DATE	Tuesday, November 30, 2010
BUILDING YARD	STX Offshore & Shipbuilding
5 PORT OF REGISTRY / registry No.	ALEXANDRIA / 3630
6 SIGN LETTER	6AGQ
7 LLOYD'S REGISTER NO./IMO no.	9460772
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	80,443.1 MT (Estimated)
13 LIGHT WEIGHT	13,378.9 MT (Estimated)
14 GROSS TONNAGE 1965	43736.12 MT (Estimated) (For Egyptian Maritime Authority only)
15 NET TONNAGE 1965	31183.40 MT (Estimated)
16 INTERNATIONAL GROSS TONNAGE 1969	43790.00 MT (Estimated)
17 INTERNATIONAL NET TONNAGE 1969	26673.00 MT (Estimated)
18 SUEZ CANAL GROSS TONNAGE	45016.080 MT (Estimated)
19 SUEZ CANAL NET TONNAGE	40414.22 MT (Estimated)
20 PANAMA CANAL GROSS TONNAGE	144431 M3 (Total Volume) (Estimated)
21 PANAMA CANAL NET TONNAGE	36949 MT (Estimated)
22 LENGTH O.A	APPROX. 228.9 mtr
23 BREADTH (MLD)	APPROX. 32.24 mtr
24 DRAFT	APPROX. 14.468 mtr
25 DEPTH (MLD)	APPROX. 20.10 mtr
26 LENGHT B.P	APPROX. 222.022 mtr
27 TROPICAL DRAFT	APPROX. 14.769 mtr
28 WINTER DRAFT	APPROX. 14.167 mtr
29 FRESH DRAFT	APPROX. 14.802 mtr
30 TROPICAL FRESH	APPROX. 15.203 mtr
31 HATCH COAMING HEIGHT(fm main deck to face plate of h.coaming)	
* All Holds	1.6 M

32 HEIGHT FROM KEEL TO :

* MAST END 47.250 M
 * ANNTENA END 47.677 M

33 HOLDS / HATCHES

SEVEN/SEVEN

34 HATCH COVERS

SIDE ROLLING TYPE-ELECTRO HYDRAULIC
 TWO PANELS-WEATHERTIGHT

Dimension of h. cover no.1 12.10 x 17.20 x (0.800 - 0.872) m
 Dimension of h. cover no.from 2 - 7 15.00 x 17.20 x (0.800 - 0.872) m

35 HEIGHT FM BASE LINE TO TOP FACE PLATE OF HATCH COVER

* HOLDS NO.1,2 23.275 M
 * HOLDS NO. 3,4,5,6,7 23.2 M

36 AIR DRAFT (eastimated)

(IT MEANS DISTANCE FROM WATER LINE
 TO HATCH COVER)

	<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>
A) LIGHT BALLAST (DRAFT 6.486 MTR)	17.87	17.57	17.26	16.96	16.65	16.35	16.04
B) HEAVY BALLAST (DRAFT 7.311 MTR)	16.47	16.34	16.20	16.07	15.93	15.80	15.66
C) FULL LOAD (DRAFT 14.450 MTR)	8.92	8.90	8.88	8.86	8.84	8.82	8.80

37 PERMISSIBLE LOADING

D.B.T TOP HOLD NO.1 APPROX. 28.28 TON/SQ.MTR
 D.B.T TOP HOLD NO.2 APPROX. 18.90 TON/SQ.MTR
 D.B.T TOP HOLD NO.3 APPROX. 29.20 TON/SQ.MTR
 D.B.T TOP HOLD NO.4 APPROX. 18.90 TON/SQ.MTR
 D.B.T TOP HOLD NO.5 APPROX. 29.20 TON/SQ.MTR
 D.B.T TOP HOLD NO.6 APPROX. 18.90 TON/SQ.MTR
 D.B.T TOP HOLD NO.7 APPROX. 29.30 TON/SQ.MTR

UPPER DECK

HATCH COVER

(DESIGN NOT ALLOWED FOR STOWING CARGO)

STOWAGE FACTORS

T.P.C From 12 To 60 cub ft / ton
 70.3 TONS/CM (AT 14.45 MTR)

38 HOLDS MEASUREMENTS

L X (BA X BF) X MAIN DECK
 HOLD NO.1 (ABOUT) 25.80 X (32.15 X 19.10) X 20.1
 HOLD NO.2 (ABOUT) 25.80 X (32.24 X 32.15) X 20.1
 HOLD NO.3 (ABOUT) 25.80 X (32.24 X 32.24) X 20.1
 HOLD NO.4 (ABOUT) 25.80 X (32.24 X 32.24) X 20.1
 HOLD NO.5 (ABOUT) 25.80 X (32.24 X 32.24) X 20.1
 HOLD NO.6 (ABOUT) 25.80 X (32.24 X 32.24) X 20.1
 HOLD NO.7 (ABOUT) 25.80 X (17.12 X 32.24) X 20.1

HOLDS CLEAR AREA

	AFT	X	FRD	X	L (MTR)
HOLD NO.1	21.18	X	10.02	X	25.80
HOLD NOS. 2	23.38	X	22.30	X	25.80
HOLD NOS. 3,4,5,6	23.38	X	23.38	X	25.80
HOLD NO. 7	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
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 (Estimated)**

<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 (CONTINUOUS 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 (7.37 / 7.6 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 (895 BHP)
AT 1,200 RPM, OUTPUT 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)	
TLX. NO. (MARINE)	
74 E-MAIL	
75 FLEET 7 (Broaband) TEL NO.	
FAX NO.	
D64 NO.	
76 MMSI NO.	
77 EPIRB NO.	
78 IMN NO.	
79 Company IMO NO.	957062
80 <u>ISM CODE CERTIFICATE :</u>	
VALIDITY DATE	
DOC	