

M/V WADI SAFAGA

VESSEL'S NAME	MV WADI SAFAGA
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-4006 STX
3 OFFICIAL NUMBER	9253
4 BUILDING HISTORY	
FABRICATING DATE	Thursday, October 01, 2009
KEEL LAY	Monday, March 22, 2010
LAUNCHING DATE	Tuesday, May 25, 2010
DELIVERY DATE	Tuesday, July 06, 2010
BUILDING YARD	STX Offshore & Shipbuilding
5 PORT OF REGISTRY / registry No.	ALEXANDRIA / 3629
6 SIGN LETTER	6AGP
7 LLOYD'S REGISTER NO./IMO no.	9460734
8 TYPE OF SHIP	BULK CARRIER
9 TYPE OF FREE BOARD	B - 60 (With reduced free board)
10 CLASS NOTATION	LR*100A1 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
13 LIGHT WEIGHT	13,378.9 MT
14 GROSS TONNAGE 1965	43736.12 MT (For Egyptian Maritime Authority only)
15 NET TONNAGE 1965	31183.40 MT
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	228.9 mtr
23 BREADTH (MLD)	32.24 mtr
24 DRAFT	14.468 mtr
25 DEPTH (MLD)	20.10 mtr
26 LENGHT B.P	222.022 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 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

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

<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

47 MASTS NOS.

4 MASTS

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 (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:
Sulpher content of HFO / DO shall not exceed 1.5% m/m

2- As Marine Gas Oil (MGO) used in special areas as abbove EU dirctives 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 bt 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 250W MF/HF RADIO EQUIPMENT
67 MAIN RADIO	TOTAL FLOODING SYS.IN E/R&CARGO HOLDS
68 CO2	32 for total persons + 6 Persons (Suez Canal)
69 ACCO.	VESSEL EQUIPPED WITH IT
70 HOLD LADDER (AWHL)	32 PERSONS + (SUEZ CREW: 6 PERSONS)
71 CREW MEMBERS	
72 P & I CLUB	NORTH OF ENGLAND P&I ASSOCIATION LIMITED
73 TLX. NO. (INMARSAT C)	462200119
TLX. NO. (MARINE)	622121422 SAFA X
74 E-MAIL	wadisafaga@seamail-lite.com
75 Inmarsat Fleet (Broadband) TEL NO.	
FAX NO.	00870 783183431
D64 NO.	00870 783183430
76 MMSI NO.	622121422
77 EPIRB ID NO. (Beacon ID)	CDC9D65D29964D1
78 IMN NO.	462200119
79 Company IMO NO.	957062
80 <u>ISM CODE CERTIFICATE :</u>	
VALIDITY DATE	12/25/2012
DOC	1/8/2013