

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	01 October 2009
	KEEL LAY	22 March 2010
	LAUNCHING DATE	25 May 2010
	DELIVERY DATE	06 July 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 (Approx.)	80,429.0 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 (SUMMER S.W 1.025)	14.448 mtr
25	DEPTH (MLD)	20.10 mtr
26	LENGHT B.P	222.022 mtr
27	TROPICAL DRAFT	14.749 mtr
28	WINTER DRAFT	14.147 mtr
29	FRESH DRAFT	14.782 mtr
30	TROPICAL FRESH	15.083 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 MOTOR & CHAIN DRIVEN TYPE
	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 <b>NOT</b> ALLOWED FOR STOWING CARGO)		
	STOWAGE FACTORS	From 12 To 60 cub ft / ton	
	T.P.C	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	<b>HOLDS CAPACITIES</b>						
	<b>CAP.(GRAIN)/CUB.MTR</b>		<b>CAP.(BALES)/CUB.MTR</b>		<b>L.C.G/MTR</b>	<b>V.C.G/MTR</b>	
	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	
	<b>TOTAL</b>		95171.7		121.73/MTR	11.21/MTR	
41	<b>TANKS (IN TONS)</b>						
	HEAVY FUEL OIL TANKS			2339.2 TONS (98% FULL)			
	DIESEL OIL TANKS			143.7 TONS (98% FU LL)			
	LUBRICATING OIL TANKS			129.9 TONS (98% FU LL)			
	FRESH WATER TANKS			469.7 TONS (100%)			
42	<b>GENERAL CAPACITIES</b>						
	BALE			91,548 CUB.MTR			
	GRAIN			95,172 CUB.MTR			
	BALLAST			22768 CUB.MTR (EXCL.HOLD NO.4)			
	CONSTANT			300.0 TONS			
43	<b>DWT TABLE (Approx.)</b>						
	<b>Loadline Mark</b>	<b>Draft Mtr</b>	<b>Draft Ft</b>	<b>Deadweight</b>			
	Tropical Fresh	15.083	49.48	82,481.6			
	Fresh	14.782	48.49	80,433.8			
	Tropical	14.749	48.39	82,546.8			
	Summer	14.448	47.40	80,429.0			
	Winter	14.147	46.41	78,313.5			
44	<b>CRANES</b>						
				-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	<b>DECKS NO. (DK HOUSE)</b>			6 Deck			
46	<b>CLEAR DECK SPACE</b>			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	<b>MASTS NOS.</b>			4 MASTS			
48	<b>MAIN ENGINE TYPE</b>			Man B&W 7S50MC-C(MK VII) / 2-stroke, single acting, direct reversible, crosshead engine with exhaust gas turbocharger and air cooler			
49	<b>ENGINE CLASS</b>			Lloyd's Register			
50	<b>BARRING RANGE</b>			41~51			
51	<b>PROPELLER</b>			FIXED PITCH PROPELLER,FOUR(4) BLADES DIA 6.2 MTR PROPELLER PITCH (0.7R) ; 4136.2 MM			
52	<b>MAX BHP</b>			15,050 BHP X 127 RPM			
53	<b>NCR ( CONTINOUS RUNNING )</b>			13,545 BHP X 123 RPM			

54	<u>MANOEUVERING R.P.M</u>	
	FULL AHEAD	105RPM
	HALF AHEAD	85RPM
	SLOW AHEAD	64RPM
	FULL ASTERN	105RPM
	HALF ASTERN	85RPM
	SLOW ASTERN	64RPM
55	<u>SPEED/CONSUMPTION</u>	
		<b>AT SEA</b>
a	<u>Consumption for Speed at Heavy Ballast</u>	
	Speed: 13.5 Knots	* VLSFO Consumption 30.0 T/Day
		* Aux Engines VLSFO 2.5 T/Day for exchange ballast and / or Cargo Holds Cleaning (as per official Log Book)
		* Average LSMGO 0.2 T/Day
b	<u>Consumption for Speed at Full Load</u>	
	Speed: 13.0 Knots	*VLSFO Consumption 32.0 T/Day
		* Average LSMGO 0.2 T/Day
c	<u>Consumption for Eco. Speed</u>	
	Speed: 11.5 Knots	* VLSFO Consumption 28.0 T/D
		* Average LSMGO 0.2 T/D
d	<u>Maneuvering Consumption</u>	About 1.25 Ton / One Hour (LSMGO) (Maneuvering time calculate per official log book)
		<b>AT PORT &amp; ANCHORAGE</b>
		* Aux Engines VLSFO 2.3 T / Day
		* Aux Engines LSMGO 0.2 T / Day
		* AUX. Boiler VLSFO 1.4 T / Day
		* AUX Engine LSMGO 2.5 T/Day (for ballast or De-ballast as per official log book)
	<b>( THE A/M SPEEDS &amp; CONSUMPTIONS BASED ON SEA SCALE "BEAUFORT 4 " )</b>	
56	HEAVY FUEL OIL	VLSFO "RMG 380" 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
	<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.	
	B) MARPOL Annex VI - Regulation 18: MARPOL - Compliant Bunker Delivery Note (BDN) to be submitted to the Vessel. REF MEPC.1/Circ.875/Add.1: Owner requires CQO to be copied to Ship's Master/Chief Eng at least 24 HRS prior bunker supply.	

58	LUB OIL	MAIN L.O SUMP TANK(16,720L) EXXON MOBIL: MOBIL GARD 300	
59	FRESH WATER ALLOWANCE	334 mm	
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	AMERICAN STEAMSHIP	