

M/V WADI FERAN					
	VESSEL'S NAME	MV WADI FERAN			
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-1326 STX			
3	OFFICIAL NUMBER	9255			
4	BUILDING HISTORY				
	FABRICATING DATE	27th APR, 2010			
	KEEL LAY	30th JUNE 2010			
	LAUNCHING DATE	10th NOV., 2010			
	DELIVERY DATE	14th JAN, 2011			
	BUILDING YARD	STX OFFSHORE & SHIPBUILDING LTD., CO.			
5	PORT OF REGISTRY / registry No.	ALEXANDRIA / 3631			
6	SIGN LETTER	6AGR			
7	LLOYD'S REGISTER NO./IMO no.	9460083			
8	TYPE OF SHIP	BULK CARRIER			
9	TYPE OF FREE BOARD	B-60			
10	CLASS NOTATION	LR +100A1 BULK CARRIER, CSR, BC-A (HOLDS NO.2 AND 4 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, GRAIN, STEEL COIL			
12	DEAD WEIGHT (Approx.)	57,281.9 TONS			
13	LIGHT WEIGHT	10,513.60 TONS			
14	GROSS TONNAGE 1965	33234.03 TONS			
15	NET TONNAGE 1965	22236.02 TONS			
16	INTERNATIONAL GROSS TONNAGE 1969	33,295 TONS			
17	INTERNATIONAL NET TONNAGE 1969	19,294 TONS			
18	SUEZ CANAL GROSS TONNAGE	34,640.94 TONS			
19	SUEZ CANAL NET TONNAGE	30,802.21 TONS			
20	PANAMA CANAL GROSS TONNAGE	110,662 CUB.M (Total Volume)			
21	PANAMA CANAL NET TONNAGE	27,595 TONS			
22	LENGTH O.A	190.00 m			
23	BREADTH (MLD)	32.26 m			
24	DRAFT	13.00 m (Summer S.W)			
25	DEPTH (MLD)	18.50 m			
26	LENGHT B.P	183.30 m			
27	TROPICAL DRAFT	13.271 m			
28	WINTER DRAFT	12.729 m			
29	FRESH DRAFT	13.296 m			
30	TROPICAL FRESH DRAFT	13.567 m			
31	HATCH COAMING HEIGHT(fm main deck to face plate of h.coaming)				
	* All Holds	1.4 m			
32	HEIGHT FROM KEEL TO :				
	* MAST END	35.544 m (Fore mast end)			
	* ANNTENA END	48.483 m (Radar mast end)			
33	HOLDS / HATCHES	Five / Five			
34	HATCH COVERS	Electro-hydraulic folding type hatch cover			
	Dimension of h. cover no.1	18.04m(L) x 18.26m(B), (2A+2F)			
	Dimension of h. cover no.from 2 -5	19.68m(L) x 18.26m(B), (2A+2F)			
35	HEIGHT FM BASE LINE TO TOP FACE PLATE OF HATCH COVER				
	* ALL HOLDS (1,2,3,4,5)	21.310m (at ship center from base line)			
36	AIR DRAFT				
	(DEFINITION: DISTANCE FROM WATER LINE TO HATCH COVER)				
		hold no.1	no.2	no.3	no.4
	A) LIGHT BALLAST (DRAFT 5.939 MTR)	16.20 m	15.82m	15.45m	15.08m
	(NORMAL BALLAST DEPARTURE COND.)				14.71m
	B) HEAVY BALLAST (DRAFT 8.245 MTR)	13.90 m	13.53m	13.17m	12.80m
	(HEAVY BALLAST DEPARTURE COND.)				12.43m
	C) FULL LOAD (DRAFT 13.02 MTR)	8.52 m	8.43m	8.35m	8.26m
					8.18m

	(HOMO. SCANTLING DEPARTURE COND.)		
37	PERMISSIBLE LOADING		
	D.B.T TOP HOLD NO.1	24 TON/M ²	
	D.B.T TOP HOLD NO.2	18 TON/M ²	
	D.B.T TOP HOLD NO.3	24 TON/M ²	
	D.B.T TOP HOLD NO.4	18 TON/M ²	
	D.B.T TOP HOLD NO.5	24 TON/M ²	
	UPPER DECK	4.0 TON/M ²	
	HATCH COVER	3.5 TON/M ²	
	(DESIGN NOT ALLOWED FOR STOWING CARGO)		
	STOWAGE FACTORS	SF=12, 50, 55 & 60	
	T.P.C	57.3 tons/cm (At 13.0M - moulded)	
38	HOLDS MEASUREMENTS	L X (BA X BF) X MAIN DECK	
	HOLD NO.1 (ABOUT)	29.52 X (31.87 X 16.99) X 18.5	
	HOLD NO.2 (ABOUT)	29.52 X (32.26 X 31.87) X 18.5	
	HOLD NO.3 (ABOUT)	29.52 X (32.26 X 32.26) X 18.5	
	HOLD NO.4 (ABOUT)	29.52 X (32.05 X 32.26) X 18.5	
	HOLD NO.5 (ABOUT)	29.52 X (14.10 X 32.05) X 18.5	
	HOLDS CLEAR AREA		
		AFT X FRD X L (MTR)	
	HOLD NO.1	23.24 X 6.64 X 29.52	
	HOLD NOS. 2, 3 & 4	23.24 X 23.24 X 29.52	
	HOLD NO. 5	8.30 X 23.24 X 29.52	
	HOLDS INSIDE SURFACE AREA (including Tank Top Plate)		
	HOLD NO.1	2709.8 SQ.MTR	
	HOLD NO.2	3046 SQ.MTR	
	HOLD NO.3	2969 SQ.MTR	
	HOLD NO.4	3061.1 SQ.MTR	
	HOLD NO.5	2821.1 SQ.MTR	
39	DOUBLE BOTTOM HEIGHT	1.8 m	
40	HOLDS CAPACITIES		
	CAP.(GRAIN)/CUB.MTR	CAP.(BALES)/CUB.MTR	L.C.G/MTR
	V.C.G/MTR		
	HOLD NO.1 13618.4	13099.88	158.58
	HOLD NO.2 14855.6	14289.97	129.69
	HOLD NO.3 14283.5	13739.65	100.71
	HOLD NO.4 14869.4	14303.24	71.69
	HOLD NO.5 14290.1	13746	42.35
	TOTAL 71917.1	69178.74	91.663
			10.640
41	TANKS (IN TONS)		
	HEAVY FUEL OIL TANKS	1460.2 tons (98% full)	
	DIESEL OIL TANKS	300 tons (98% full)	
	LUBRICATING OIL TANKS	109.5 tons (98% full)	
	FRESH WATER TANKS	509.2 tons (100% full)	
42	GENERAL CAPACITIES		
	BALE	69178.74 CUB.MTR	
	GRAIN	71917.1 CUB.MTR	
	BALLAST	16179.7 CUB.MTR(EXCL.HOLD NO.3)	
	CONSTANT	350.0 tons	

43	DWT TABLE (Approx.)			
	Loadline Mark	Draft Mtr	Draft Ft	Deadweight
	Tropical Fresh	13.567	44.451	58,802.8
	Fresh	13.296	43.62	57,284.3
	Tropical	13.271	43.54	58,835.8
	Summer	13.000	42.65	57,281.9
	Winter	12.729	41.76	55,730.5
44	CRANES			
			- FOUR(4), DECK CRANES ELEC. HYDRAULIC SINGLE JIB TYPE, 30MT SWL WITHOUT GRAB(24MT SWL WITH GRAB) - CAN BE OPERATED SIMULTANEOUSLY AT RATED LOAD AND SPEED FOR ALL THREE(3) MOTIONS (HOISTING/SLEWING/LUFFING)	
			-TWO(2) PROVISION CRANES-ELEC.TYPE 2.0 MT SWL -TWO (2) F.O HOSE HANDLING CRANE 0.5 MT SWL (STBD & PORT SIDE)	
45	CRANES OUTREACH			
			26 m (from the center line of the vessel) Crane outreach out side the vessel edge = 9.87 m	
46	GRABS			
			SELF HYDRAULIC - REMOTE CONTROL TYPE	
			Number of grabs 4 grabs	
			The weight of grabs 9000 kg each	
			VOLUME: 12M3 / 7M3	
	GRABS CAPACITY			
			AT 12M3: DENSITY = 0.1 T/M3 ~ 1.2 T/M3 MATERIAL WEIGHT: 14,400 KG AT 7M3: DENSITY = 1.2 T/M3 ~ 2 T/M3 MATERIAL WEIGHT: 14,000 KG	
47	MASTS			
			Fore Mast (1), Radar Mast (1), Lightning post (2), Inmarsat post (1)	
48	DECKS NO. (DK HOUSE)			
			5 DECKS	
49	CLEAR DECK SPACE			
			UPPER ~ A DECK: 3,300MM A DECK ~ B DECK: 3,200MM B DECK ~ C DECK: 3,200MM C DECK ~ NAV. DECK: 3,200MM NAV. DECK ~ COM. DECK: 2,850MM	
50	MAIN ENGINE TYPE			
			MAN-B&W 6S50MC-C(MARKVII) TWO(2) STROKE, SINGLE ACTING, CROSS HEAD, DIRECT REVERSIBLE TYPE ENGINE WITH EXHAUST GAS TURBOCHARGER AND AIR COOLER	
51	ENGINE CLASS			
			LLOYD'S REGISTER	
52	BARRING RANGE			
			53-64	
53	PROPELLER			
			FIXED PITCH PROPELLER, FOUR(4) BLADES DIA. 6.0 M PITCH (0.7 R) ; 4089.2 MM, (Mean Pitch 3882 mm)	
54	MAX BHP			
			12,900 BHP x 127RPM (9,480KW)	
55	NCR (CONTINOUS RUNNING)			
			11,610 BHP x 122.6 RPM (8,532 KW)	
56	MANOEUVERING R.P.M			
	FULL AHEAD			105 RPM
	HALF AHED			85 RPM
	SLOW AHEAD			69 RPM
	FULL ASTERN			105 RPM
	HALF ASTERN			85 RPM
	SLOW ASTERN			69 RPM

57	<u>SPEED/CONSUMPTION</u>	<u>AT SEA</u>	
a	<u>Consumption for Speed at Heavy Ballast</u>		
	Speed: 13.5 Knots	* VLSFO Consumption 29.5 T/Day	
		* Aux Engines VLSFO 2.5 T/Day for exchange ballast and/or Crago Holds cleaning (as per Deck Logbook)	
		* Average LSMGO 0.2 T/Day	
b	<u>Consumption for Speed at Full Load</u>		
	Speed: 13.0 Knots	* VLSFO Consumption 29.5 T/Day	
		* Average LSMGO 0.2 T/Day	
c	<u>Consumption for Eco. Speed</u>		
	Speed: 11.5 Knots	* VLSFO Consumption 27.0 T/D	
		* Average LSMGO 0.2 T/D	
d	<u>Maneuvering Consumption</u>	About 1.0 Ton / One Hour (LSMGO) (Maneuvering time calculate per Bill log book)	
		<u>AT PORT</u>	
	Consumption (without cranes operating)	* Aux Engine LSMGO 2.5 T/Day Plus: * Aux Engine LSMGO 1.0 T/Day (for ballast or De-ballast as per Deck Logbook) * AUX. Boiler VLSFO 1.4 T/Day	
	Consumption (with cranes operating)	* Two Aux Engines LSMGO 5.0 T/Day * AUX. Boiler VLSFO 1.4 T/Day	
	<u>(THE A/M SPEEDS & CONSUMPTIONS BASED ON SEA SCALE "BEAUFORT 4 ")</u>		
57	HEAVY FUEL OIL	VLSFO "RMG 380" MAX 0.5% Sulphur content Min.Kinematic viscosity @50°C:80 cst Specs: ISO 8217 : 2010 4th Edition (Blended Fuel is completely not accepted)	
58	MARINE DIESEL OIL	LSMGO MAX 0.1% Sulphur content Spces: 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.		
	<u>B) MARPOL Annex VI - Regulation 18:</u> <u>MARPOL - Compliant Bunker Delivery Note (BDN) to be submitted to the Vessel.</u> <u>REF MEPC.1/Circ.875/Add.1:</u> Owner requires <u>COQ</u> to be copied to Ship's Master/Chief Eng at least 24 HRS prior bunker supply.		

59	LUB OIL	MAIN L.O SUMP TANK (14,080 LITER)
60	FRESH WATER ALLOWANCE	296 mm
	FRESH WATER CONS.	20 TON/DAY
61	PROPELLER PITCH	MEAN PITCH: 3,882 MM, 0.7R (fixed), 4089.2 mm
62	SLIP	(M/E SPEED - SHIP SPEED) ÷ (M/E SPEED)
63	AUXILIARIES	THREE STX MAN B&W 6L16/24 730 (895 BHP) AT 1,200 RPM, OUTPUT OF 625 KW
64	BOILERS	ONE COMPOSITE BOILER VERTICAL, FORCED DRAFT, MARINE BOILER WITH AUTO COMBUSTION DEVICE AND FEED WATER REGULATOR STEAM OUTPUT: 1,200KG/H FOR OIL FIRED SECTION 1,200 KG/H FOR EXH. GAS SECTION AT NCR OF M/E
65	EM'CY DIESEL GENERATOR	ONE DIESEL GEN. 188 BHP x 1,800 RPM OUTPUT: 120KW
66	LIFE BOATS	-ONE(1) FREE FALL LIFE BOAT, 32 PERSONS -ONE(1) RESCUE BOAT 6 PERSONS (5 seats, 1 lying)
67	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
68	MAIN RADIO	250W MF/HF RADIO EQUIPMENT
69	CO2	TOTAL FLOODING SYSTEM IN E/R & CARGO HOLDS
70	ACCOMMODATION	32 for total persons + 6 Persons (Suez Canal)
71	HOLD LADDER (AWHL)	VESSEL EQUIPPED WITH IT
72	CREW MEMBERS	32 PERSON + (SUEZ CREW: 6PERSONS)
73	P & I CLUB	AMERICAN STEAMSHIP