

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 BUILDING HISTORY	
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	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 (About)	80,519.0 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 (SUMMER S.W 1.025)	14.448 mtr
25 DEPTH (MLD)	20.10 mtr
26 LENGHT B.P	222.41 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	
	(DEFENITION: 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	N/A
		(DESIGN NOT ALLOWED FOR STOWING CARGO ON HATCH COVER)
	STOWAGE FACTORS	From 12 To 60 cub ft / ton
	T.P.C	70.3 (AT Summer Draft)
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				
	CAP.(GRAIN)/CUB.MTR		CAP.(BALES)/CUB.MTR	L.C.G/MTR	V.C.G/MTR
	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% FU LL)		
	LUBRICATING OIL TANKS		129.9 TONS (98% FU LL)		
	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		300 TONS		
43	DWT TABLE (Approx.)				
	Loadline Mark	Draft Mtr	Draft Ft	Deadweight	
	Tropical Fresh	15.083	49.48	82,571.6	
	Fresh	14.782	48.49	80,523.8	
	Tropical	14.749	48.39	82,636.8	
	Summer	14.448	47.40	80,519.0	
	Winter	14.147	46.41	78,403.5	
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 No.		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 (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
a	Consumption for Speed at Heavy Ballast	
	Speed: 13.5 Knots	* VLSFO Consumption 30.0 T/D
		* Aux Engines VLSFO 2.5 T/D for exchange ballast A/O Cargo Holds Cleaning (as per Deck Logbook)
		* Average LSMGO 0.2 T/D
b	Consumption for Speed at Full Load	
	Speed: 13.0 Knots	* VLSFO Consumption 32.0 T/D
		* Average LSMGO 0.2 T/D
c	Consumption for Eco. Speed	
	Speed: 11.5 Knots	* VLSFO Consumption 28.0 T/D
		* Average LSMGO 0.2 T/D
d	Maneuvering Consumption	About 1.25 Ton / One Hour (LSMGO) (Maneuvering time calculate per logbook)
		AT PORT
		* 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 logbook)
	(THE A/M SPEEDS & CONSUMPTIONS BASED ON SEA SCALE "BEAUFORT 4 ")	
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 Spces: ISO 8217:2010 4th Edition MGO DMA
	N.B.: A) designated by latest regulations :	
	1- MARPOL Annex VI - Regulation 14 Sailing in special area	
	2- As Marine Gas Oil (MGO) used in special areas as above EU dirctives 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 Vsl before bunkering	
	REF MEPC.1/Circ.875/Add.1:	
	Owner requires COQ 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