AI HASSANAIN MARINE VESSELS SPECIFICATIONS

NO	VESSEL NAME	VESSEL TYPE
1	MAJESTIC 1	CRANE BARGE
2	SAND WEAVER	HOPPER DREDGER
3	EBTEHAL 2	DUMB BARGE
4	BUFFALO 1	BARGE
5	ZO-7	HOPPER BARGE
6	OVERSEAS 13	HATCH BARGE
7	WESTERN COAST	HOPPER BARGE
8	EBTEHAL 1	TUG BOAT
9	SEA MARINE	TUG BOAT
10	WCD MANAMA	TUG BOAT
11	WESTERN COAST 1	TUG BOAT
12	WESTERN COAST 2	TUG BOAT
13	WESTERN COAST 3	SERVICE BOAT
14	WESTERN COAST 4	SERVICE BOAT
15	ALHASSANAIN 1	SERVICE BOAT
16	ALHASSANAIN 2	SERVICE BOAT
17	ALHASSANAIN 3	SERVICE BOAT
18	ALHASSANAIN 5	SERVICE BOAT

RANE BARGE	NAME:	MAJESTIC 1
Vestern Coast Dredging Co.	PRINCIPAL	PARTICULARS
	Built	1985
	Builder	Ishikawawajima Ship & Chemical Plant Co., Japan
	Flag	Bahrain
	Official No.	BN 7093
	Class	Bureau Veritas
	Class No.	02347D
	IMO No.	8415811
MAJESTIC 1	Call Sign	A9D3388
Color on	Port of Registry	Bahrain
	GRT	703
	NRT	210
CONSUMPTION	Length (m) Reg./ LOA	47.00 m
1200 BHP (8 knots)	Breadth (m)	17.00 m
	Depth (m)	2.90 m
Diesel	Max. Draft (m)	2.40 m
CAPACITIES	NAVIGATIO	ON EQUIPMENT
91.58 m3	VHF	ICOM / Samsung
61.04 m3	MF/HF DSC	Samsung
	GPS Navigator	ONWA
	GPS Waas	JMC
	Thuraya	Hughes
	AIS	Nayticust
2 x Yanmar S185 ET,	SSB	
600 PS @900 rpm	220	Furuno FS1503
600 PS @900 rpm 882	Magnetic Compass	Furuno FS1503 Saurka Keiki
· ·		
882 2 x Yanmar GCHL-	Magnetic Compass Depth Sounder	Saurka Keiki
882 2 x Yanmar GCHL- HTNN	Magnetic Compass Depth Sounder Radar	Saurka Keiki JRC
882 2 x Yanmar GCHL- HTNN 2 standed	Magnetic Compass Depth Sounder Radar Radar	Saurka Keiki JRC Furuno
882 2 x Yanmar GCHL- HTNN 2 standed 2 standed	Magnetic Compass Depth Sounder Radar Radar Radar Gyro	Saurka Keiki JRC Furuno ICOM
882 2 x Yanmar GCHL- HTNN 2 standed 2 standed	Magnetic Compass Depth Sounder Radar Radar Radar Gyro	Saurka Keiki JRC Furuno ICOM Sauka
882 2 x Yanmar GCHL- HTNN 2 standed 2 standed SQUIPMENTS	Magnetic Compass Depth Sounder Radar Radar Radar Gyro ACCOMMOD	Saurka Keiki JRC Furuno ICOM Sauka ATION FULL AC
	Diesel CAPACITIES 91.58 m3 61.04 m3 CHINERY	BuilderFlagOfficial No.Class No.IMO No.Class No.IMO No.Call SignPort of RegistryGRTNRTCONSUMPTIONLength (m) Reg./LOA1200 BHP (8 knots)Breadth (m)DieselMax. Draft (m)OLISS m3VHF61.04 m3HF/HF DSCGPS NavigatorGPS WaasThurayaCHINERYAIS

VESSEL TYPE:	TRAILING HOPPER DREDGER	NAME:	SAND WEAVER
OWNER:	Western Coast Dredging Co.	PRINCIPA	AL PARTICULARS
		Built	1975, UK
		Builder	Fergussons Bros
		Flag	Bahrain
		Official No.	BN 7007
	2 71	Class	Lloyds Register
	The second second	Class No.	7340899
		IMO No.	7340899
		Call Sign	A9D3239
		Port of Registry	Bahrain
		GRT	3497
		NRT	1049
SPEED	& CONSUMPTION	Length (m) Reg./ LOA	96.40
Max. Speed (Knots)	4735 BHP	Breadth (m)	16.70
Consumption (T/day)	12 MT	Depth (m)	7.80
Fuel Type	Diesel	Max. Draft (m)	6.11
CAR	GO CAPACITIES	NAVIGATION EQUIPMENT	
Diesel Fuel Oil (MT)	152	VHF	Sailor
Potable Water (MT)	46	MF/HF DSC	
Ballast (MT)	1519.8	GPS Navigator	MX 420
Lube Oil Tank (Liters)	4000	AIS	Tron TR 2500
Sewage Treatment		SSB	Samsung-SRG 1150GN
Ν	IACHINERY	Magnetic Compass	Sestral Co/S11/SN 90367
Main Engines	Mirrlees Black Stone	Depth Sounder Radar	Furuno FE 700
ВНР	4800 (max speed)	Radar	Sperry Marine –Bridge Aster
Generators	Laurence and Scott	Radar	Kelvin Hudhes – KH 2020
Propellers	Lianne	Auto Pilot	Robertson APN9 MK II
Rudders	ORD Semi Balanced	EPIRB	Mc MURDO E5
Oily Water Separator	Rivertrace - Smartcell	SART	Mc MURDO S4
DEC	K EQUIPMENTS	ACCOMMO	DDATION FULL AC
Anchor Windlass		Persons	21
Anchors (Stockless)	(AC-14) 9 Shackles		
Mooring Winch			
Bollard Pull			

VESSEL TYPE:	STEEL DUMB BARGE	NAME:	EBTEHAL 2
OWNER:	Western Coast Dredging Co.	PRINCIPAL P	PARTICULARS
		Built	2006
		Builder	
		Flag	Bahrain
		Official No.	
		Class	GL
		Call Sign	
		Port of Registry	Bahrain
		GRT	4948
		NRT	1485
		Side wall	Yes
		Ramps	Yes
SPEED o	& CONSUMPTION	Length (m) Reg./ LOA	96.56
Max. Speed (Knots)		Breadth (m)	30.48
Consumption (T/day)		Depth (m)	6.10
Fuel Type		Max. Draft (m)	4.877
CARG	GO CAPACITIES	NAVIGATION	N EQUIPMENT
Diesel Fuel Oil (T)		VHF	
Potable Water (T)		GMDSS Portable ICOM	
Ballast		GPS Navigator	
Lub Oil Tank (T)		Inmarsat C	
Sewage Treatment		Thrane 77	
Μ	IACHINERY	AIS	
Main Engines		SSB	
BHP		Magnetic Compass	
Generators		Radar	
Propellers		Radar	
Rudders		EPIRB	
Oily Water Separator		SART	
DECH	K EQUIPMENTS	ACCOMMODA	ATION FULL AC
Anchor Windlass		Persons	
Anchors (Stockless)			
Mooring Winch	Manual recovery winch for anchor		
Bollard Pull			

VESSEL TYPE:	BARGE	NAME:	BUFFALO 1
OWNER:	ALHASSANAIN Co.	PRINCIPAL	PARTICULARS
		Built	1975, Singapore
		Builder	
		Flag	Bahrain
		Official No.	6549
		Class	Non-Class
Syumper .		Class No.	
		IMO No.	
		Call Sign	A9D3320
	and the second second second	Port of Registry	Bahrain
- Andrea	and the second second	GRT	81
		NRT	81
SPEEL	& CONSUMPTION	Length (m) Reg./ LOA	32.00
Max. Speed (Knot	s)	Breadth (m)	8.00
Consumption (T/d	ay)	Depth (m)	1.830
Fuel Type		Max. Draft (m)	
CAR	GO CAPACITIES		
Diesel Fuel Oil (T)	VHF	Garmin 200i
Potable Water (T)		MF/HF DSC	
Ballast (T)		GPS Navigator	
Lub Oil Tank (T)		GPS Waas	
Sewage Treatment		Thuraya	
:	MACHINERY	AIS	
Main Engines		SSB	
BHP		Magnetic Compass	
Generators		Depth Sounder Radar	
Propellers		Radar	
Rudders		Radar	
Oily Water Separa	tor	Gyro	
DEC	CK EQUIPMENTS	ACCOMMOD	ATION FULL AC
Anchor Windlass		Persons	
Anchors (Stockles	s)		
Mooring Winch			

VESSEL TYPE:	Flat Hopper Barge	NAME:	ZO-7
OWNER:	ALHASSANAIN Co.	PRINCIPAL F	PARTICULARS
		Built	1977, Singapore
		Builder	
0		Flag	Bahrain
	F	Official No.	BN 6036
			NON - Class
		IMO No.	
		Call Sign	
00 000	000000000000	Port of Registry	Bahrain
		GRT	235.04
		NRT	
		Length (m) Reg./ LOA	33.53
SPEED	& CONSUMPTION	Breadth (m)	9.15
Max. Speed (Kno	ts)	Depth (m)	1.88
Consumption (T/d	ay)	Max. Draft (m)	1.50
Fuel Type		Spud Details	3 X 18 m
CAR	GO CAPACITIES	NAVIGATION	N EQUIPMENT
Diesel Fuel Oil (T)	VHF	
Potable Water (T)		MF/HF DSC	
Ballast		GPS Navigator	
Lub Oil Tank (T)		GPS Waas	
Sewage Treatment	t	Thuraya	
Ν	IACHINERY	AIS	
Main Engines	No Engines	SSB	
BHP		Magnetic Compass	
Generators		Depth Sounder Radar	
Propellers		Radar	
Rudders		Radar	
Oily Water Separa	itor	Gyro	
DEC	K EQUIPMENTS	ACCOMMODA	ATION FULL AC
Anchor Windlass		Persons	
Anchors (Stockles	s)		
Mooring Winch			
Bollard Pull			

VESSEL TYPE:	HATCH BARGE	NAME:	OVERSEAS 13
OWNER: Western Coast Dredging Co.		PRINCIPAL I	PARTICULARS
1 and		Built	1997, Singapore
	reco.	Builder	
		Flag	Bahrain
1		Official No.	BN 1010
		Class	NON- Class
		IMO No.	NON-Class
		Call Sign	
		Port of Registry	Bahrain
The second s	- III	GRT	228
	O O OW	NRT	228
the state		Length (m) Reg./ LOA	32 M
SPEED	& CONSUMPTION	Breadth (m)	9.14
Max. Speed (Kno	ts)	Depth (m)	2.44
Consumption (T/d	ay)	Max. Draft (m)	
Fuel Type		Spud Details	3 Puds / 16 M
CAR	GO CAPACITIES	NAVIGATIO	N EQUIPMENT
Diesel Fuel Oil (T)	VHF	
Potable Water (T)		MF/HF DSC	
Ballast		GPS Navigator	
Lub Oil Tank (T)		GPS Waas	
Sewage Treatment	t	Thuraya	
MACHINERY			
N	ACHINERY	AIS	
Main Engines		AIS SSB	
Main Engines		SSB	
Main Engines BHP		SSB Magnetic Compass	
Main Engines BHP Generators		SSB Magnetic Compass Depth Sounder Radar	
Main Engines BHP Generators Propellers		SSB Magnetic Compass Depth Sounder Radar Radar	
Main Engines BHP Generators Propellers Rudders Oily Water Separa		SSB Magnetic Compass Depth Sounder Radar Radar Radar Gyro	TION FULL AC
Main Engines BHP Generators Propellers Rudders Oily Water Separa	itor	SSB Magnetic Compass Depth Sounder Radar Radar Radar Gyro	ATION FULL AC
Main Engines BHP Generators Propellers Rudders Oily Water Separa DEC	itor K EQUIPMENTS	SSBMagnetic CompassDepth Sounder RadarRadarRadarGyroACCOMMODA	TION FULL AC
Main Engines BHP Generators Propellers Rudders Oily Water Separa DEC Anchor Windlass	itor K EQUIPMENTS	SSBMagnetic CompassDepth Sounder RadarRadarRadarGyroACCOMMODA	ATION FULL AC

VESSEL TYPE:	SPLIT HOPPER BARGE	NAME:	WESTERN COAST
OWNER:	Western Coast Dredging Co.	PRINCIPAL F	PARTICULARS
		Built	1973
		Builder	Plocka Stacznia Rzecna Poland
		Flag	Bahrain
WESTER		Official No.	BN 6094
		Class	NON - Class
		IMO No.	
		Call Sign	
		Port of Registry	Bahrain
		GRT	561
		NRT	248
		Length (m) Reg./ LOA	55.62
SPEED	& CONSUMPTION	Breadth (m)	9.5
Max. Speed (Kno	ts)	Depth (m)	3.35
Consumption (T/d	ay)	Max. Draft (m)	2.51
Fuel Type		Spud Details	3 x 16m
CAR	GO CAPACITIES	NAVIGATION	N EQUIPMENT
CAR Diesel Fuel Oil (T		NAVIGATION VHF	N EQUIPMENT
			N EQUIPMENT
Diesel Fuel Oil (T		VHF	N EQUIPMENT
Diesel Fuel Oil (T Potable Water (T)		VHF MF/HF DSC	N EQUIPMENT
Diesel Fuel Oil (T Potable Water (T) Ballast)	VHF MF/HF DSC GPS Navigator	N EQUIPMENT
Diesel Fuel Oil (T Potable Water (T) Ballast Lub Oil Tank (T) Sewage Treatment)	VHF MF/HF DSC GPS Navigator GPS Waas	N EQUIPMENT
Diesel Fuel Oil (T Potable Water (T) Ballast Lub Oil Tank (T) Sewage Treatment) t	VHF MF/HF DSC GPS Navigator GPS Waas Thuraya	
Diesel Fuel Oil (T Potable Water (T) Ballast Lub Oil Tank (T) Sewage Treatment) t	VHF MF/HF DSC GPS Navigator GPS Waas Thuraya AIS	N EQUIPMENT
Diesel Fuel Oil (T Potable Water (T) Ballast Lub Oil Tank (T) Sewage Treatment Main Engines) t	VHF MF/HF DSC GPS Navigator GPS Waas Thuraya AIS SSB	
Diesel Fuel Oil (T Potable Water (T) Ballast Lub Oil Tank (T) Sewage Treatment Main Engines BHP) t	VHF MF/HF DSC GPS Navigator GPS Waas Thuraya AIS SSB Magnetic Compass	N EQUIPMENT
Diesel Fuel Oil (T Potable Water (T) Ballast Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators) t	VHF MF/HF DSC GPS Navigator GPS Waas Thuraya AIS SSB Magnetic Compass Depth Sounder Radar	
Diesel Fuel Oil (T Potable Water (T) Ballast Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators Propellers) t IACHINERY	VHF MF/HF DSC GPS Navigator GPS Waas Thuraya AIS SSB Magnetic Compass Depth Sounder Radar Radar	
Diesel Fuel Oil (T Potable Water (T) Ballast Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators Propellers Rudders Oily Water Separa) t IACHINERY	VHF MF/HF DSC GPS Navigator GPS Waas Thuraya AIS SSB Magnetic Compass Depth Sounder Radar Radar Radar Gyro	N EQUIPMENT
Diesel Fuel Oil (T Potable Water (T) Ballast Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators Propellers Rudders Oily Water Separa) t t t t t t t t t t t t t t t t t t t	VHF MF/HF DSC GPS Navigator GPS Waas Thuraya AIS SSB Magnetic Compass Depth Sounder Radar Radar Radar Gyro	
Diesel Fuel Oil (T Potable Water (T) Ballast Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators Propellers Rudders Oily Water Separa DEC) I I I I I I I I I I I I I	VHF MF/HF DSC GPS Navigator GPS Waas Thuraya AIS SSB Magnetic Compass Depth Sounder Radar Radar Radar Gyro ACCOMMODA	
Diesel Fuel Oil (T Potable Water (T) Ballast Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators Propellers Rudders Oily Water Separa DEC Anchor Windlass) I I I I I I I I I I I I I	VHF MF/HF DSC GPS Navigator GPS Waas Thuraya AIS SSB Magnetic Compass Depth Sounder Radar Radar Radar Gyro ACCOMMODA	

VESSEL TYPE:	TUG BOAT	NAME:	EBTEHAL 1
OWNER:	Western Coast Dredging Co.	PRINCIPAL P	PARTICULARS
		Built	2006
	THE BILL	Builder	SIBU-Malaysia
8F	the state of the s	Flag	Bahrain
H AND I		Official No.	BN7069
- 1. TAX	EBTEHAL 1	Class	RINA
THE ASY COL		Class No.	94873
2	0	IMO No.	9446790
		Call Sign	A9D3331
		Port of Registry	Bahrain
		GRT	294
		NRT	88
SPEED	& CONSUMPTION	Length (m) Reg./ LOA	28.97
Max. Speed (Knots)	10	Breadth (m)	9
Consumption (T/day)	4/5.5	Depth (m)	4.3
Fuel Type	MDO	Max. Draft (m)	
CAR	GO CAPACITIES	NAVIGATION	N EQUIPMENT
Diesel Fuel Oil (T)	180 T no. 2-7.5 kw	VHF	
Potable Water (T)	100	GMDSS Portable ICOM	Icom
Ballast	43 m^3	GPS Navigator	Furuno GP - 31
Lub Oil Tank (T)		Inmarsat C	Furuno
Sewage Treatment		Thrane 77	Sailor 77 Fleet
Ν	IACHINERY	AIS	Furuno FA - 100
Main Engines	2*Cummins	SSB	Furuno
BHP	3200 Twin screw	Magnetic Compass	Osaka
Generators	Cummins 50 KVA	Radar	Furuno FR - 1721 Mark
Propellers	2 Standard	Radar	Furuno
Rudders	2	EPIRB	Samyung
Oily Water Separator	$0.25 \text{ m}^3 \text{hr}$	SART	Tron
DEC	K EQUIPMENTS	ACCOMMODA	ATION FULL AC
Anchor Windlass	Hyd - 2.5 Ton	Persons	10
Anchors (Stockless)	2*400 kg		
Mooring Winch	Twin Drum		
Bollard Pull	40 Ton		

VESSEL TYPE:	ГUG BOAT	NAME:	SEA MARINE
OWNER:	ALHASSANAIN Co.	PRINCIPAL	PARTICULARS
		Built	1974, Holland
1		Builder	
	Till	Flag	Bahrain
		Official No.	7983
		Class	Non - Class
ATTENT IN AND A		Class No.	
2000000		IMO No.	
A Constantion		Call Sign	A9JS
		Port of Registry	Bahrain
		GRT	115
		NRT	60
SPEED &	& CONSUMPTION	Length (m) Reg./ LOA	22.00 m
Max. Speed (Knots)	8 Knots	Breadth (m)	6.70 m
Consumption (T/day) 0.8 T/Day	Depth (m)	3.65 m
Fuel Type	Diesel	Max. Draft (m)	
CARG	O CAPACITIES		
Diesel Fuel Oil (T)	20,000 T	VHF	Garmin
Diesel Fuel Oil (T) Potable Water (T)	20,000 T 10 T	VHF MF/HF DSC	Garmin
			Garmin Garmin
Potable Water (T)	10 T	MF/HF DSC	
Potable Water (T) Ballast (T)	10 T	MF/HF DSC GPS Navigator	
Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment	10 T 20,010 T	MF/HF DSC GPS Navigator GPS Waas	
Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment	10 T 20,010 T Yes	MF/HF DSC GPS Navigator GPS Waas Thuraya	Garmin
Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment M	10 T 20,010 T Yes ACHINERY	MF/HF DSC GPS Navigator GPS Waas Thuraya AIS	Garmin
Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines	10 T 20,010 T Yes ACHINERY Caterpillar Model D353	MF/HF DSC GPS Navigator GPS Waas Thuraya AIS SSB	Garmin
Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines BHP	10 T 20,010 T Yes ACHINERY Caterpillar Model D353 425 HP	MF/HF DSC GPS Navigator GPS Waas Thuraya AIS SSB Magnetic Compass	Garmin Garmin
Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators	10 T 20,010 T Yes ACHINERY Caterpillar Model D353 425 HP G	MF/HF DSC GPS Navigator GPS Waas Thuraya AIS SSB Magnetic Compass Depth Sounder Radar	Garmin Garmin Yes
Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators Propellers	10 T 20,010 T Yes ACHINERY Caterpillar Model D353 425 HP G 1	MF/HF DSC GPS Navigator GPS Waas Thuraya AIS SSB Magnetic Compass Depth Sounder Radar Radar	Garmin Garmin Garmin Yes I-Com
Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators Propellers Rudders Oily Water Separator	10 T 20,010 T Yes ACHINERY Caterpillar Model D353 425 HP G 1	MF/HF DSC GPS Navigator GPS Waas Thuraya AIS SSB Magnetic Compass Depth Sounder Radar Radar Radar Gyro	Garmin Garmin Garmin Yes I-Com Garmin
Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators Propellers Rudders Oily Water Separator	10 T20,010 TYesACHINERYCaterpillar Model D353425 HPG1G1Gyro Compass	MF/HF DSC GPS Navigator GPS Waas Thuraya AIS SSB Magnetic Compass Depth Sounder Radar Radar Radar Gyro	Garmin Garmin Garmin Yes I-Com Garmin Hondex
Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators Propellers Rudders Oily Water Separator DECK	10 T 20,010 T Yes ACHINERY Caterpillar Model D353 425 HP G 1 G 1 EQUIPMENTS	MF/HF DSCGPS NavigatorGPS WaasThurayaAISSSBMagnetic CompassDepth Sounder RadarRadarRadarGyroACCOMMOD	Garmin Garmin Yes I-Com Garmin Hondex ATION FULL AC

VESSEL TYPE:	TUG BOAT	NAME:	WCD MANAMA
OWNER: Western Coast Dredging Co.		PRINCIPAL	PARTICULARS
		Built	1977, Portugal
		Builder	
		Flag	Bahrain
an table		Official No.	BN 1044
	SAFETY FIRST	Class	Non Class
	CD MANAMA	Class No.	
		IMO No.	7528740
		Call Sign	A9D3396
		Port of Registry	Bahrain
		GRT	211.35
		NRT	62
SPEED &	& CONSUMPTION	Length (m) Reg./ LOA	33.3
Max. Speed (Knots) 2400 BHP (9 knots)	Breadth (m)	8.52
Consumption (T/da	y)	Depth (m)	4.30
Fuel Type	Diesel	Max. Draft (m)	3.80
CARG	O CAPACITIES	NAVIGATIO	N EQUIPMENT
Diesel Fuel Oil (T)	96.6 ton	VHF Portable	ENTEL/ HT 644
Potable Water (T)	15 ton	AIS	ACR/ AISLINK CA1
Ballast (T)	26.90 ton	GPS	KODEN/KGP 913 MKII
Lub Oil Tank (T)	2.60 ton	GPS MAP	GARMIN/ 4010
Sewage Treatment		Magnetic Compass	SETREL N8732264/V/
Μ	ACHINERY	SSB	Samsung Transceiver SRG-3150 DN
Main Engines	MWM	NAVTEX	NSR/NVX 1000 Thrane 7
BHP	2400	GMDSS Portable ICOM	ENTEL / HT 649 GMDSS
Generators	2	Sounder Radar	LS-6100
Propellers	Fixed	Radar	KODEN/ MDC 2041
Rudders	1	EPIRB	ACR/ RLB-41
Oily Water Separat	or None	SART	ACR/PATHFINDER PRO
DECK	EQUIPMENTS	ACCOMMOD	ATION FULL AC
Anchor Windlass	F 165 M	Persons	5 persons
Anchors (Stockless)		
Mooring Winch			
Bollard Pull	27.5 T (max)		

VESSEL TYPE:	TUG BOAT	NAME:	WESTERN COAST 1
OWNER:	Western Coast Dredging Co.	PRINCIPAL	PARTICULARS
		Built	1998, Australia
		Builder	
		Flag	Bahrain
		Official No.	10271
		Class	Non-Class
		Class No.	
1-000	00	IMO No.	
Same and the		Call Sign	A9D3181
		Port of Registry	Bahrain
		GRT	7.2
		NRT	-
SPEED	& CONSUMPTION	Length (m) Reg./ LOA	11.20
Max. Speed (Knot	s)	Breadth (m)	
Consumption (T/d	ay)	Depth (m)	1.64
Fuel Type		Max. Draft (m)	
CARO	GO CAPACITIES	NAVIGATIO	ON EQUIPMENT
Diesel Fuel Oil (T)	VHF	Garmin
Potable Water (T)		MF/HF DSC	
Ballast (T)		GPS Navigator	Garmin
Lub Oil Tank (T)		GPS Map	721xs
Sewage Treatment	t	Thuraya	
Ν	IACHINERY	AIS	Garmin 600
Main Engines	Cummins 6BTA370HP	SSB	
BHP	370	Magnetic Compass	Garmin
Generators		Depth Sounder Radar	Garmin
Propellers		Radar	
Rudders		Radar	
Oily Water Separa	itor	Gyro	
		ACCOMMOD	DATION FULL AC
		Persons	
Anchor Windlass		rensons	
Anchor Windlass Anchors (Stockles	s)		

VESSEL TYPE:	TUG BOAT	NAME:	WESTERN COAST 2
OWNER:	Western Coast Dredging Co.	PRINCIPAL	PARTICULARS
		Built	1998, Australia
		Builder	
		Flag	Bahrain
		Official No.	10272
ALL		Class	Non-Class
		Class No.	
		IMO No.	
		Call Sign	A9D3178
400000		Port of Registry	Bahrain
		GRT	7.2
		NRT	-
SPEED	& CONSUMPTION	Length (m) Reg./ LOA	11.20
Max. Speed (Knots))	Breadth (m)	
Consumption (T/day	y)	Depth (m)	1.64
Fuel Type		Max. Draft (m)	
CAR	GO CAPACITIES	NAVIGATIC	ON EQUIPMENT
Diesel Fuel Oil (T)		VHF	Garmin
Potable Water (T)		MF/HF DSC	
Ballast (T)		GPS Navigator	Garmin
			Garmin 721xs
Ballast (T)		GPS Navigator	
Ballast (T) Lub Oil Tank (T) Sewage Treatment	ЛАCHINERY	GPS Navigator GPS Map	
Ballast (T) Lub Oil Tank (T) Sewage Treatment	ACHINERY Cummins 6BTA370HP	GPS Navigator GPS Map Thuraya	721xs
Ballast (T) Lub Oil Tank (T) Sewage Treatment		GPS Navigator GPS Map Thuraya AIS	721xs
Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines	Cummins 6BTA370HP	GPS Navigator GPS Map Thuraya AIS SSB	721xs Garmin 600
Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines BHP	Cummins 6BTA370HP	GPS NavigatorGPS MapThurayaAISSSBMagnetic Compass	721xs Garmin 600 Garmin
Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators	Cummins 6BTA370HP	GPS NavigatorGPS MapThurayaAISSSBMagnetic CompassDepth Sounder Radar	721xs Garmin 600 Garmin
Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators Propellers	Cummins 6BTA370HP 370	GPS NavigatorGPS MapThurayaAISSSBMagnetic CompassDepth Sounder RadarRadar	721xs Garmin 600 Garmin
Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators Propellers Rudders	Cummins 6BTA370HP 370	GPS NavigatorGPS MapThurayaAISSSBMagnetic CompassDepth Sounder RadarRadarRadarGyro	721xs Garmin 600 Garmin
Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators Propellers Rudders	Cummins 6BTA370HP 370	GPS NavigatorGPS MapThurayaAISSSBMagnetic CompassDepth Sounder RadarRadarRadarGyro	721xs Garmin 600 Garmin Garmin
Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators Propellers Rudders Oily Water Separate	Cummins 6BTA370HP 370	GPS NavigatorGPS MapThurayaAISSSBMagnetic CompassDepth Sounder RadarRadarRadarGyroACCOMMOD	721xs Garmin 600 Garmin Garmin

VESSEL TYPE:	SERVICE BOAT	NAME:	WESTERN COAST 3
OWNER:	Western Coast Dredging Co.	PRINCIPAL	PARTICULARS
		Built	1998, Australia
		Builder	
		Flag	Bahrain
	Sin A dia tang tang	Official No.	10280
		Class	Non-Class
		Class No.	
		IMO No.	
000066		Call Sign	A9D3179
A AN		Port of Registry	Bahrain
		GRT	6.1
		NRT	-
SPEED &	& CONSUMPTION	Length (m) Reg./ LOA	9.20
Max. Speed (Knots)	Breadth (m)	
Consumption (T/da	y)	Depth (m)	2.13
Fuel Type		Max. Draft (m)	
CARG	O CAPACITIES	NAVIGATIO	ON EQUIPMENT
Diesel Fuel Oil (T)		VHF	Garmin
Potable Water (T)		MF/HF DSC	
Ballast (T)		GPS Navigator	Garmin
Lub Oil Tank (T)		GPS Map	721xs
Sewage Treatment		Thuraya	
Μ	ACHINERY	AIS	Garmin 600
Main Engines	Cummins 6BTA320HP	SSB	
BHP	320	Magnetic Compass	Garmin
Generators		Depth Sounder Radar	Garmin
		Dodor	
Propellers		Radar	
Propellers Rudders		Radar	
<u>^</u>	or		
Rudders	or	Radar Gyro	DATION FULL AC
Rudders	or	Radar Gyro	DATION FULL AC
Rudders Oily Water Separat		Radar Gyro ACCOMMOD	DATION FULL AC

VESSEL TYPE:	SERVICE BOAT	NAME:	WESTERN COAST 4
OWNER:	Western Coast Dredging Co.	PRINCIPAL	PARTICULARS
		Built	1998, Australia
A BRARD	and the state of a state	Builder	
- Win Hall		Flag	Bahrain
		Official No.	10262
		Class	Non-Class
\downarrow	THE	Class No.	
Flor		IMO No.	
	COB UCC	Call Sign	A9D3180
		Port of Registry	Bahrain
		GRT	6.1
		NRT	-
SPEED	& CONSUMPTION	Length (m) Reg./ LOA	9.20
Max. Speed (Knot	s)	Breadth (m)	
Consumption (T/d	ay)	Depth (m)	2.13
Fuel Type		Max. Draft (m)	
CAR	GO CAPACITIES	NAVIGATIO	ON EQUIPMENT
Diesel Fuel Oil (T)	VHF	Garmin
Potable Water (T)		MF/HF DSC	
Ballast (T)		GPS Navigator	Garmin
Lub Oil Tank (T)		GPS Map	721xs
Sewage Treatment	t	Thuraya	
Ν	IACHINERY	AIS	Garmin 600
Main Engines	Cummins 6BTA320HP	SSB	
BHP	320	Magnetic Compass	Garmin
Generators		Depth Sounder Radar	Garmin
Propellers		Radar	
Rudders		Radar	
Oily Water Separa	itor	Gyro	
		ACCOMMOD	DATION FULL AC
Anchor Windlass		Persons	
Allellor willellass			
Anchors (Stockles	s)		

VESSEL TYPE:	SERVICE BOAT		IASSANAIN 1
OWNER	Al Hassanain		PARTICULARS
		Built	2011, Bahrain
		Builder	Al Dhaen
		Flag	Bahrain
Company of the second s	215 in	Official No.	6482
	The Te	Class	Non- Class
and the		Class No.	
BH 61,82		IMO No.	
	389	Call Sign	A9D3129
		Port of Registry	Bahrain
		GRT	
		NRT	850 KG
SPEED	& CONSUMPTION	Length (m) Reg./ LOA	7.90 m
Max. Speed (Knots)	30 Knots	Breadth (m)	2.30 m
Consumption (T/day)		Depth (m)	1.50 m
Fuel Type	Petrol	$\mathbf{M}_{\text{res}} = \mathbf{D}_{\text{res}} \mathbf{f}_{\text{res}} (\mathbf{m})$	
		Max. Draft (m)	
CARC	GO CAPACITIES	NAVIGATIC	N EQUIPMENT
		NAVIĜATIC VHF	N EQUIPMENT Garmin 200i
CARC Diesel Fuel Oil (T) Potable Water (T)		NAVIGATIC VHF MF/HF DSC	Garmin 200i
CARC Diesel Fuel Oil (T) Potable Water (T) Ballast (T)		NAVIGATIC VHF MF/HF DSC GPS Navigator	
CARC Diesel Fuel Oil (T) Potable Water (T)		NAVIGATIC VHF MF/HF DSC	Garmin 200i
CARC Diesel Fuel Oil (T) Potable Water (T) Ballast (T)		NAVIGATIC VHF MF/HF DSC GPS Navigator GPS Waas Thuraya	Garmin 200i Garmin 721xs
CARC Diesel Fuel Oil (T) Potable Water (T) Ballast (T) Lub Oil Tank (T)		NAVIGATIC VHF MF/HF DSC GPS Navigator GPS Waas Thuraya AIS	Garmin 200i
CARC Diesel Fuel Oil (T) Potable Water (T) Ballast (T) Lub Oil Tank (T)		NAVIGATIC VHF MF/HF DSC GPS Navigator GPS Waas Thuraya AIS SSB	Garmin 200i Garmin 721xs Garmin 600 Class B
CARC Diesel Fuel Oil (T) Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment	GO CAPACITIES	NAVIGATIC VHF MF/HF DSC GPS Navigator GPS Waas Thuraya AIS SSB Magnetic Compass	Garmin 200i Garmin 721xs
CARC Diesel Fuel Oil (T) Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines	Yamaha 2 x 200 hp	NAVIGATIC VHF MF/HF DSC GPS Navigator GPS Waas Thuraya AIS SSB	Garmin 200i Garmin 721xs Garmin 600 Class B
CARC Diesel Fuel Oil (T) Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines BHP	Yamaha 2 x 200 hp	NAVIGATIC VHF MF/HF DSC GPS Navigator GPS Waas Thuraya AIS SSB Magnetic Compass Depth Sounder	Garmin 200i Garmin 721xs Garmin 600 Class B Garmin
CARC Diesel Fuel Oil (T) Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators	Yamaha 2 x 200 hp 400 hp	NAVIGATIC VHF MF/HF DSC GPS Navigator GPS Waas Thuraya AIS SSB Magnetic Compass Depth Sounder Radar	Garmin 200i Garmin 721xs Garmin 600 Class B Garmin P79 I/H 8PIN
CARC Diesel Fuel Oil (T) Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators Propellers	Yamaha 2 x 200 hp 400 hp	NAVIGATICVHFMF/HF DSCGPS NavigatorGPS WaasThurayaAISSSBMagnetic CompassDepth SounderRadarRadar	Garmin 200i Garmin 721xs Garmin 600 Class B Garmin P79 I/H 8PIN
CARC Diesel Fuel Oil (T) Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators Propellers Rudders Oily Water Separator DECH	Yamaha 2 x 200 hp 400 hp	NAVIGATIC VHF MF/HF DSC GPS Navigator GPS Waas Thuraya AIS SSB Magnetic Compass Depth Sounder Radar Radar Gyro	Garmin 200i Garmin 721xs Garmin 600 Class B Garmin P79 I/H 8PIN
CARC Diesel Fuel Oil (T) Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators Propellers Rudders Oily Water Separator	SO CAPACITIES	NAVIGATIC VHF MF/HF DSC GPS Navigator GPS Waas Thuraya AIS SSB Magnetic Compass Depth Sounder Radar Radar Gyro	Garmin 200i Garmin 721xs Garmin 600 Class B Garmin P79 I/H 8PIN Garmin 18 HD
CARC Diesel Fuel Oil (T) Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators Propellers Rudders Oily Water Separator DECH	SO CAPACITIES	NAVIGATIC VHF MF/HF DSC GPS Navigator GPS Waas Thuraya AIS SSB Magnetic Compass Depth Sounder Radar Radar Gyro ACCOMMOD	Garmin 200i Garmin 721xs Garmin 600 Class B Garmin P79 I/H 8PIN Garmin 18 HD

VESSEL TYPE:	SERVICE BOAT	NAME:	ALHASSANAIN 2	
OWNER	ALHASSANAIN Co.	PRINC	PAL PARTICULA	ARS
		Built	2014, Bahr	ain
		Builder	Al Dhaen	
		Flag	Bahrain	
		Official No.	11853	
		Class	Non- Class	
	No. I CITIN	Class No.		
418		IMO No.		
		Call Sign		
		Port of Registry	Bahrain	
		GRT	1.364 T	
		NRT		
SPEED	& CONSUMPTION	Length (m) Reg.	LOA 9.4488 m	
Max. Speed (Knots)	30 Knots	Breadth (m)	2.70 m	
Consumption (T/day	/)	Depth (m)	2.8285 m	
Fuel Type	Petrol	Max. Draft (m)		
	GO CAPACITIES		ATION EQUIPME	
Diesel Fuel Oil (T)		VHF	Garmin 200)i
Potable Water (T)		MF/HF DSC		
Ballast (T)		GPS Navigator	Garmin 72	lxs
Lub Oil Tank (T)		GPS Waas		
Sewage Treatment		Thuraya		
		AIS	Garmin 600) Class B
Main Engines	Mercury 2 x 225 hp	SSB		
BHP	450 hp	Magnetic Compa		
Generators		Depth Sounder F		
Propellers	Two	Radar	Garmin 18	HD
Rudders		Radar		
Oily Water Separato		Gyro		
	K EQUIPMENTS	ACCOM	MODATION FUL	LAC
Anchor Windlass		Persons		
Anchors (Stockless)				
Mooring Winch				

VESSEL TYPE:	SERVICE BOAT	NAME:	ALHASSANAIN 4
OWNER	ALHASSANAIN CO.	PRINCIPAL PARTICULARS	
///		Built	2017
N		Builder	Al Durazi Boats
		Flag	Bahrain
TANIN		Official No.	13194
		Class	Non - Class
		Class No.	
		IMO No.	
	and the second second	Call Sign	A9D3397
		Port of Registry	Bahrain
		GRT	
		NRT	850 KG
SPEED	& CONSUMPTION	Length (m) Reg./ LOA	8.230 m
Max. Speed (Knots)	30 Knots	Breadth (m)	2.286 m
Consumption (T/day	y)	Depth (m)	0.6096 m
Fuel Type	Petrol	Max. Draft (m)	
	GO CAPACITIES		TION EQUIPMENT
Diesel Fuel Oil (T)		VHF	Garmin 200i
Potable Water (T)		MF/HF DSC	
Ballast (T)		GPS Navigator	Garmin 721xs
Lub Oil Tank (T)		GPS Waas	
Sewage Treatment		Thuraya	
		AIS	Garmin 600 Class B
Main Engines	Yamaha 2 x 200 hp	SSB	
BHP	400 hp	Magnetic Compas	
Generators		Depth Sounder Ra	
Propellers	Two	Radar	Garmin 18 HD
Rudders		Radar	
Oily Water Separate		Gyro	
	CK EQUIPMENTS		IODATION FULL AC
Anchor Windlass	One	Persons	
Anchors (Stockless))		
Mooring Winch			

VESSEL TYPE: S	SERVICEBOAT	NAME: AL	HASSANAIN 5
OWNER A	ALHASSANAIN Co	PRINCIPA	L PARTICULARS
181		Built	2017
N		Builder	Al Durazi Boats
		Flag	Bahrain
TANK		Official No.	13194
		Class	NON-Class
		Class No.	NON-Class
NUS		IMO No.	
		Call Sign	
	A THE AND A THE	Port of Registry	Bahrain
		GRT	
		NRT	850 KG
SPEED &	& CONSUMPTION	Length (m) Reg./ LOA	A 8.230 m
Max. Speed (Knots)	30 Knots	Breadth (m)	2.286 m
Consumption (T/day)		Depth (m)	0.6096 m
Fuel Type	Petrol	Max. Draft (m)	
	CAPACITIES		ION EQUIPMENT
			ION EQUIPMENT Garmin 200i
CARG		NAVIGAT	
CARG Diesel Fuel Oil (T) Potable Water (T) Ballast (T)		NAVIGAT VHF	
CARG Diesel Fuel Oil (T) Potable Water (T) Ballast (T) Lub Oil Tank (T)		NAVIGAT VHF MF/HF DSC GPS Navigator GPS Waas	Garmin 200i
CARG Diesel Fuel Oil (T) Potable Water (T) Ballast (T)		NAVIGAT VHF MF/HF DSC GPS Navigator GPS Waas Thuraya	Garmin 200i Garmin 721xs
CARG Diesel Fuel Oil (T) Potable Water (T) Ballast (T) Lub Oil Tank (T)		NAVIGAT VHF MF/HF DSC GPS Navigator GPS Waas Thuraya AIS	Garmin 200i
CARG Diesel Fuel Oil (T) Potable Water (T) Ballast (T) Lub Oil Tank (T)		NAVIGAT VHF MF/HF DSC GPS Navigator GPS Waas Thuraya AIS SSB	Garmin 200i Garmin 721xs Garmin 600 Class B
CARG Diesel Fuel Oil (T) Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment	CAPACITIES	NAVIGAT VHF MF/HF DSC GPS Navigator GPS Waas Thuraya AIS	Garmin 200i Garmin 721xs
CARG Diesel Fuel Oil (T) Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines	CO CAPACITIES	NAVIGATVHFMF/HF DSCGPS NavigatorGPS WaasThurayaAISSSBMagnetic CompassDepth Sounder Radar	Garmin 200i Garmin 721xs Garmin 600 Class B
CARG Diesel Fuel Oil (T) Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators Propellers	CO CAPACITIES	NAVIGATVHFMF/HF DSCGPS NavigatorGPS WaasThurayaAISSSBMagnetic CompassDepth Sounder RadarRadar	Garmin 200i Garmin 721xs Garmin 600 Class B Garmin
CARG Diesel Fuel Oil (T) Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators Propellers Rudders	CAPACITIES Yamaha 2 x 200 hp 400 hp	NAVIGATVHFMF/HF DSCGPS NavigatorGPS WaasThurayaAISSSBMagnetic CompassDepth Sounder Radar	Garmin 200i Garmin 721xs Garmin 600 Class B Garmin P79 I/H 8PIN
CARG Diesel Fuel Oil (T) Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators Propellers Rudders Oily Water Separator	CAPACITIES Yamaha 2 x 200 hp 400 hp Two	NAVIGATVHFMF/HF DSCGPS NavigatorGPS WaasThurayaAISSSBMagnetic CompassDepth Sounder RadarRadarRadarGyro	Garmin 200i Garmin 721xs Garmin 600 Class B Garmin P79 I/H 8PIN Garmin 18 HD
CARG Diesel Fuel Oil (T) Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators Propellers Rudders Oily Water Separator DECK	CAPACITIES Yamaha 2 x 200 hp 400 hp	NAVIGATVHFMF/HF DSCGPS NavigatorGPS WaasThurayaAISSSBMagnetic CompassDepth Sounder RadarRadarRadarGyro	Garmin 200i Garmin 721xs Garmin 600 Class B Garmin P79 I/H 8PIN
CARG Diesel Fuel Oil (T) Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators Propellers Rudders Oily Water Separator DECE Anchor Windlass	CAPACITIES Vamaha 2 x 200 hp 400 hp Two	NAVIGATVHFMF/HF DSCGPS NavigatorGPS WaasThurayaAISSSBMagnetic CompassDepth Sounder RadarRadarRadarGyro	Garmin 200i Garmin 721xs Garmin 600 Class B Garmin P79 I/H 8PIN Garmin 18 HD
CARG Diesel Fuel Oil (T) Potable Water (T) Ballast (T) Lub Oil Tank (T) Sewage Treatment Main Engines BHP Generators Propellers Rudders Oily Water Separator DECK	CO CAPACITIES	NAVIGATVHFMF/HF DSCGPS NavigatorGPS WaasThurayaAISSSBMagnetic CompassDepth Sounder RadarRadarRadarGyroACCOMMC	Garmin 200i Garmin 721xs Garmin 600 Class B Garmin P79 I/H 8PIN Garmin 18 HD