ATEMAC

# LIST OF OIL SPILL RESPONSE EQUIPMENT HELD BY MEMBER STATES 2020

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#### LIST OF OIL SPILL RESPONSE EQUIPMENT HELD BY MEMBER STATES AS OF MARCH 2020

#### BOOMS (Length in Meter)

				MEL	MBER STATES	5		
List of Booms	BAHRAIN	IRAN	IRAQ	KUWAIT	OMAN	QATAR	SAUDI ARABIA	UAE
OCEAN/OFFSHORE BOOMS		Ocean Boom <b>1,500</b> (m)		<b>6,200</b> (m)		500 X Norlense Self Inflation Boom 600mm 400 X LAMOR HD Boom 1800 400m X Single Pt Inflation Boom 1500 1800m X Empting Coxhaven Boom 900mm	7500(m)	
INSHORE BOOMS					<b>1 X</b> 300(m)			
COASTAL BOOMS		<b>4,000</b> (m) + (Wheel)		<b>1700</b> (m)	<b>2 X</b> 300(m)	2340m Sea Sentinal Boom 750mm 400m X Sea Sentinal Boom 900mm		
RIVER BOOMS							2340m Sea Sentinal Boom 750mm 400m X Sea Sentinal Boom	



## BOOMS (Continued)

C C		MEMBER STATES								
List of Booms	BAHRAIN	IRAN	IRAQ	KUWAIT	OMAN	QATAR	SAUDI ARABIA	UAE		
OIL FENCE BOOMS						<b>1200m</b> Fence Boom 900mm <b>120</b> X Fence Boom 350mm				
RO-BOOMs						<b>1200m</b> X Ro Boom 1800 <b>400m</b> X Ro- Boom 1300 <b>400m</b> X Ro- Boom 1500	5500(m)			
AIR BLOWER						<b>37 X</b> Air Blowers (Petrol) 11 X Air Inflators (Diesel)				
SHARK 5000-2-0						ONE				
TROIL COLLECTOR SWEEPING UNIT						<b>2 X</b> Nofi Current Buster systems				



## BOOMS (Continued)

	MEMBER STATES									
List of Booms	BAHRAIN	IRAN	IRAQ	KUWAIT	OMAN	QATAR	SAUDI ARABIA	UAE		
BEACH GARDIAN					<b>1 X</b> 300(m)	<b>1170m</b> X Shore Sealing 550mm				
JACKSON NET BOOM				<b>3650</b> (m)						
NASKU FLEXY BRIDGESTONE							13000(m)			
SLICKBAR ZIPER DIPHAR AQUAGUARD ACME										
TROIL COLLECTOR SWEEPING UNIT				TWO						



## SKIMMERS (With Power Packs)

List of Skimmers	BAHRAIN	IRAN	IRAQ	KUWAIT	OMAN	QATAR	SAUDI ARABIA	UAE
DESMI SKIMMER	3 X Desmi SK 3 X Desmi SK floating unit 4 X Desmi power pack				One 50K	<b>2 X</b> Desmi Terminator Skimmig System (DOP150 Pump)	8	
FRAMO SKIMMER				4				
LAMOR SKIMMER (WALSOEP)						<b>5 X</b> Lamor Combination Skimming system (Containerised)	15	
GT 185 WEIR						<b>4 X</b> Lamor Weir Skimmer 30t/hr	4	
GT 185 PUMP SKIMMER						<b>4 X</b> GT185 Skimming system		



## > SKIMMERS (Continued)

C C		MEMBER STATES									
List of Skimmers	BAHRAIN	IRAN	IRAQ	KUWAIT	OMAN	QATAR	SAUDI ARABIA	UAE			
DISK SKIMMER		<b>5 X</b> LARGE <b>5 X</b> SMALL									
S/OLEO ROPE MOP "9 & 4"						<b>5 X</b> Desmi Rop Mop Skimming systems					
OIL MOP "9 & 4" ALDEN						<b>5 X</b> Slickbar Combination Skimmer systems (13t/hr)					
VIKOMA SEA S50				ONE		<b>8 X</b> Vikoma Komara K20 Disc Skimming systems	ONE				
VIKOV AC						<b>4 X</b> Ro-Vac Systems <b>2 X</b> Elastic PACS Vacuum Units	ONE				



## > SKIMMERS (Continued)

		MEMBER STATES										
List of Skimmers	BAHRAIN	IRAN	IRAQ	KUWAIT	OMAN	QATAR	SAUDI ARABIA	UAE				
BRUSH SKIMMER		10										
TRANVAC SLICKBAR						<b>5 X</b> Ro-Mini Vacuum systems						
EGMAPOL BELTLS				2								
DISC T SKIMMER				8			ONE					



## > VESSELS/BOATS

,		MEMBER STATES								
List of Vessels/Boats	BAHRAIN	IRAN	IRAQ	KUWAIT	OMAN	QATAR	SAUDI ARABIA	UAE		
ANTI-POLLUTION VESSELS				29		<b>1 X</b> Oil Spill Command Vessel				
Oil RECOVERY VESSELS		ONE								
BOOM LAYER VESSELS										
MOP SKIMMER VESSEL						<b>1 X</b> Harbour Scavenger Craft (Recovery of Oil & Debris)				
BARGES		ONE								



#### > MISCELLANEOUS BOATS

		MEMBER STATES									
List of Boats	BAHRAIN	IRAN	IRAQ	KUWAIT	OMAN	QATAR	SAUDI ARABIA	UAE			
INFLATABLE BOATS				1 X Zodiac	2 X Zodiac	<b>5 X</b> ZODIAC INFLATABLE BOATS	10				
SMALL BOATS					1 X 33 feet						
OTHERS GRP						1 X 21ft Dory Boat					
LANDING GRAFTS				4		тwo					
OIL RESPONSE CONTAINERS					2 X 1110 Gallons	<ul> <li>2 X Drilling</li> <li>support pakgs</li> <li>2 X Coastal</li> <li>Resposne Pkgs</li> </ul>					
UNKNOWN BRAND					<b>2 X</b> 1110 Gallons						



#### **> BARGES & FLOATING STORAGE TANKS**

	MEMBER STATES									
List of Barges & Storage Tanks	BAHRAIN	IRAN	IRAQ	KUWAIT	OMAN	QATAR	SAUDI ARABIA	UAE		
BUNKER BARGE				5						
OIL COLLECTION TANK				17	7 Steel 1 Tonne	<b>2 X</b> ISO Tank Containers				
FASTTANK 2000 GALLONS					ONE	<b>48 X</b> 5t tanks 10 Xx 7.5 t tanks 5 X 1.5 t tanks	15			
FLOWB IN CONTAINER 1000 L						4				
FLOATING CONTAINER TANK/RUBBER		Floating Tanks <b>10</b> (25 m2) <b>30</b> (10 m2)				<b>3 X</b> 25t rubber barge <b>5 X</b> 50t Rubber barge				
PILLOWTANKS (NONFLOAT)					<b>2 X</b> 1110 Gallons	<ul> <li><b>3 X</b> 15t flexible tanks</li> <li><b>3 X</b> 25t Flexible tanks</li> <li><b>3 X</b> 50t Flexible tanks</li> <li><b>3 X</b> 5t Flexible tanks</li> </ul>				



#### > ABSORBENT

		MEMBER STATES								
List of Absorbent	BAHRAIN	IRAN	IRAQ	KUWAIT	OMAN	QATAR	SAUDI ARABIA	UAE		
OIL BLOTTER BAGS/PADS/SHEET		<b>2,000 (m2)</b> sheets				<b>1000</b> Boxes ( <b>25</b> pcs each)				
OIL ABSORBENT ROLLS 65M BALES/BOXES/BOOMS		<b>4,000</b> (m) Absorbent Boom			<b>4-50</b> mtr	<b>1200</b> Absorbent Boom ( <b>4</b> inch dia)				

### **> BEACH CLEANING UNITS**

		MEMBER STATES								
List of Beach Cleaning Units	BAHRAIN	IRAN	IRAQ	KUWAIT	OMAN	QATAR	SAUDI ARABIA	UAE		
SHORE SPRAYERS INSHORE KIT					TWO					
BEACH CLEANER					Hot water one					
VIKOV AC										



#### > DISPERSANT APPLICATION

	MEMBER STATES								
List of Dispersant	BAHRAIN	IRAN	IRAQ	KUWAIT	OMAN	QATAR	SAUDI ARABIA	UAE	
VESSEL FITTED FOR DISPERSANT TUGBOAT MONITOR				3					
DISPERSANT SPRAY KIT				4	4 Hand held				
HARRIER DEEP SEA UNIT							2		
SPRAY PUMPS					2		2		
SPILL SPRAY UNIT (4M,7.5M 10.5M)						<b>7 X</b> Ales Fernie Portable Dispersant Spray Units			



## > DISPERSANT APPLICATION (Continued)

	MEMBER STATES									
List of Dispersant	BAHRAIN	IRAN	IRAQ	KUWAIT	OMAN	QATAR	SAUDI ARABIA	UAE		
MAXI KIT WSL							2			
MINI SPRAY VIKOMA					6					
ARIAL SPRAYS (ROTECH)						<b>2 X</b> Vikoma Helicopter Spraying Units				
SPRAY AIRCRAFT		<b>1 X</b> Fixed Wing Aircraft			<b>One</b> Skyvan					
SPRAY ARM WIDESPRAY SET					ONE					
SLICKGONE NS		45,000								

MEMBED STATES



### > **PUMPS**

		MEMBER STATES								
List of Pumps	BAHRAIN	IRAN	IRAQ	KUWAIT	OMAN	QATAR	SAUDI ARABIA	UAE		
SPATE PUMP						<b>5 X</b> Diesel Driven Spate Pumps				
WATER PUMP		10		3	2	8 X Diesel Driven Water Pumps 30t/hr 12 X Petrol Driven Water Pumps (20t/ hr) 2 X High Volume Pumps (450Gal/hr)	34			
DISPERSANT TRANSFER PUMP										
OIL TRANSFER PUMP		3 X Light 7 X Medium 3 X Heavy				<b>4 X</b> Oil Transfer Pumps				
BLOWER		37								



## > COMMUNICATION EQUIPMENT

		MEMBER STATES								
List of Equipment	BAHRAIN	IRAN	IRAQ	KUWAIT	OMAN	QATAR	SAUDI ARABIA	UAE		
PORTABLE HANDSET RADIO					6	<b>11 X</b> Motorolla Hand Held Radios <b>2 X</b> Thuraya Setallite Phones				
SHORE STATION					ONE					
VOICE RECORDER										



#### > MISCELLANEOUS

		MEMBER STATES								
List of Equipment	BAHRAIN	IRAN	IRAQ	KUWAIT	OMAN	QATAR	SAUDI ARABIA	UAE		
ANCHORS	2 X Large200kg 2 X Med100kg 16 X small 3 X Joemith Hyogo Anchors					<b>80 X</b> 20kg Danforth Anchors				
AIR COMPRESSOR						<b>1 X</b> Mobile Compressor Unit (10 Bar)				
SKIMMER HEAD PUMP					TWO					
TRANVAC SLICKBAR										
SPADE HOVEL										



## > MISCELLANEOUS (Continued)

	MEMBER STATES								
List of Equipement	BAHRAIN	IRAN	IRAQ	KUWAIT	OMAN	QATAR	SAUDI ARABIA	UAE	
VACUUM SKIMMER HEAD					ONE				
VACUUM HAND SKIMMER HEAD									
WASHING EQUIPMENT		10							
BOOM STORAGE CONTAINER		21							
HELICOPTER		8							
SPARE WHEELS		8							
SHOVELS	227 X Long 180 X Small								



#### MEMAC APPROVED TYPE-3 CONCENTRATES – UNDILUTED (Ltrs)

	MEMBER STATES								
List of Concentrates	BAHRAIN	IRAN	IRAQ	KUWAIT	OMAN	QATAR	SAUDI ARABIA	UAE	
COREXIT 9500*				40,000					
DASIC SLIICKGONE NS				21400 Litres					
FINASOL ORS-52									
GAMLEN OD 4000									
INIPOLIP 80									
INIPOLIP 90									
NU CRU									

MEMBER STATES



#### > TYPE-3 CONCENTRATES – UNDILUTED (Ltrs)

	MEMBER STATES							
List of Concentrates	BAHRAIN	IRAN	IRAQ	KUWAIT	OMAN	QATAR	SAUDI ARABIA	UAE
SERVO 2000								
DAISIK								
MAGNA ML 897								
INOPOL LP90								
AGMA SUPER CONCENTRATE								
ARROW								
MAXI SPRAY BOOM KITS								



## ➢ LIST OF POLLUTION EQUIPMENT − I.R. IRAN

		Persian Gulf & Gulf of Oman Caspian Sea							
Item	Equipment	BIK	Bushehr	Bandar Abbas	Chabahar	Bandar Anzali	Noshahr	Amirabad	Total
1	Ocean Booms (m)	300	600	600	-	-	-	-	1,500
2	Coastal Booms (+ Wheel)	600	1300	600	500	200	400	400	4,000
3	River Booms (+ Wheel)	600	600	300	200	300	200	200	2,400
4	Spare Wheels	2	2	1	-	1	1	1	8
5	Skimmer	2	3	1	1	1	1	1	10
6	Brush Skimmer	2	3	1	1	1	1	1	10
7	Disk Skimmer (Large)	1	1	1	1	1	-	-	5
8	Disk Skimmer (Small)	1	1	1	-	1	1	-	5
9	Absorbent Boom (m)	700	1100	700	300	400	400	400	4,000
10	Absorbent Sheet (m <sup>2</sup> )	400	500	400	100	200	200	200	2,000
11	Floating Tank (25 m <sup>2</sup> )	2	2	2	-	1	1	2	10
12	Floating Tank (10 m <sup>2</sup> )	6	6	6	3	3	3	3	30
13	Blower	7	10	7	3	3	3	4	37
14	Light Oil Pump	1	1	1	-	-	-	-	3
15	Medium Oil Pump	1	1	1	1	1	1	1	7
16	Heavy Oil Pump	1	1	1	-	-	-	-	3



## LIST OF POLLUTION EQUIPMENT – I.R. IRAN (Continued)

		Pe	rsian Gulf &	an	C				
Item	Equipment	BIK	Bushehr	Bandar Abbas	Chabahar	Bandar Anzali	Noshahr	Amirabad	Total
17	Water Pump	2	2	2	1	1	1	1	10
18	Washing Equpment	2	1	2	1	1	1	2	10
19	Boom Storage	3	3	3	3	3	3	3	21
20	Powerpack (Diesel Generator)	4	5	4	1	2	2	2	20
21	Dispersant (lt) (Dasic Slick gone NS)	-	-	-	-	-	-	-	45,000
22	Oil Recovery Vessel (ORV)	-	1	-	-	-	-	-	1
23	Barges	2	1	1	-	1	1	1	7
24	Fixed Wing Aircraft	-	-	1	-	-	-	-	1
25	Helicopter	-	1	5	1	1	-	-	8