D. PORT OF FUJAIRAH OIL TERMINALS

1. General Information

1.1 Oil Terminal 1

1	Total quay length	840 metres
2	Height of quay above sea level*	4.75 metres
3	Water depth at approaches*	15 metres
4	Water depth alongside*	15 metres
5	Height of Lowest Low Water*	0.10 metres
6	Height of Highest Astronomical Tide*	2.80 metres
7	Extreme Highest Water*	3.14 mtres
8	Maximum length overall	250 metres
9	Minimum length overall	75 metres
10	Maximum Breadth	50 metres
11	Maximum arrival draft**	13.5 mtrs round the clock
12	Maximum sailing draft**	14.0 mtrs round the clock
13	Maximum displacement	120,000 tons
14	Maximum DWT	100,000 tons
15	Minimum DWT	5000 tons

Contd..31/-

1.2 General Information OT2

Oil Terminal - 2 all Berths no.4, 5, 6 & 7 are equipped with LASER DOCKING SYSTEM (LDS). It monitors and records the vessel approach and departure data and displays approach speed and angle on large digital display mounted at each berth

1	Total quay length	1490 metres
2	Height of quay above sea level*	4.75 metres
3	Water depth at approaches*	20 metres
4	Water depth alongside*	18 metres
5	Height of Lowest Low Water*	0.10 metres
6	Height of Highest Astronomical Tide*	2.80 metres
7	Extreme Highest Water*	3.14 mtres
8	Maximum length overall	330 metres at Berth 4
		300 meters at Berth 5,6&7
9	Minimum length overall	75 metres
10	Maximum Breadth	Unlimited
11	Maximum arrival draft	16.5 mtrs round the clock
12	Maximum Sailing draft	17 mtrs round the clock
13	Maximum displacement	200,000 tons
14	Maximum DWT	300,000 tons at Berth 4
		180,000 tons at Berth 5,6&7

Contd..32/-

2 Berth Construction and Design Criteria.

2.1 Oil Terminal-1

Berth	BERTH CRITERIA			MARINE LOADING ARMS			FENDERS		Q.R.H.
	Length x Depth (Meters)	Max. LOA x Max. Draft (Meters)	Max. Displacement (Tons)	No. x Size Type of Cargo	Maximum Height from Jetty Top (Meters)	Operating Envelope (Degrees each side)	No. of Fenders at each Berth	Distance between Fenders (Meters)	No. x SWL
OT1-B1	240 X 15	180 X 13.5 (MLA 12 & 13 only)	55,000	2 X 12" (1 Black & 1 White)	12.65	18	15	18.0	8 X 60
	240 X 15	160 X 13.5 (MLA 14 & 15 only)	45,000	2 X 12" (1 Black & 1 White)	12.65	18	15	18.0	8 X 60
	240 X 15	145 X 13.5 (MLA 16 only)	30,000	1 X 8" (For Lube Oil only)	10.45	24	15	18.0	8 X 60
OT1-B2W	150 x 15	130 x 13.5	25,000	2 X 12" (1 Black & 1 White)	12.65	18	8	18.0	5 X 60
OT1-B2	300 x 15	250 x 13.5	120,000	4 X 16" (2 Black & 2 White)	15.15	18	17	18.0	10 X 60
OT1-B2E	150 x 15	130 x 13.5	25,000	2 X 12" (1 Black & 1 White)	12.65	18	8	18.0	5 X 60
OT1-B3W	150 x 15	130 x 13.5	25,000	2 X 12" (1 Black & 1 White)	12.65	18	8	18.0	5 X 60
OT1-B3	300 x 15	250 x 13.5	120,000	4 X 16" (2 Black & 2 White)	15.15	18	17	18.0	10 X 60
OT1-B3E	150 x 15	130 x 13.5	25,000	2 X 12" (1 Black & 1 White)	12.65	18	8	18.0	5 X 60

* Distance between MLA Flanges centre 4.00 Metres.

Contd..33/-

2.2 Berth Construction and Design Criteria Oil Terminal 2

Berth	BERTH CRITERIA			MARINE LOADING ARMS			FENDERS		Q.R.H.
	Length x Depth (Meters)	Max. LOA x Max. Draft (Meters)	Max. Displacement (Tons)	No. x Size Type of Cargo	Maximum Height from Jetty Top (Meters)	Operating Envelope (Degrees each side)	No. of Fenders at each Berth	Distance between Fenders (Meters)	No. x SWL
OT2-B4N	225 X 18	180 X 16.5	55,000	2 X 12" (1 Black & 1 White)	10.45	24	15	8.5	17 Nos. 12xD750 KN 2XT1000 KN 3XQ1000 KN
OT2-B4	450 X 18	330 X 16.5	230,000	4 X 16" (2 Black & 2 White)	20.50	23	30	17.0	
OT2-B4S	225 X 18	180 X 16.5	55,000	2 X 12" (1 Black & 1 White)	10.45	24	15	8.5	
OT2-B5E	175 X 18	140 X 16.5	40,000	2 X 12" (1 Black & 1 White)	10.45	24	11	8.5	16 Nos. 12xD750 KN 2XT1000 KN 2XQ1000 KN
OT2-B5	350 X 18	300 X 16.5	207,000	4 X 16" (2 Black & 2 White)	16.50	22	22	17.0	
OT2-B5W	175 X 18	140 X 16.5	40,000	2 X 12" (1 Black & 1 White)	10.45	24	11	8.5	
OT2-B6E	175 X 18	140 X 16.5	40,000	2 X 12" (1 Black & 1 White)	10.45	24	11	8.5	16 Nos. 12xD750 KN 2XT1000 KN 2XQ1000 KN
OT2-B6	350 X 18	300 X 16.5	207,000	4 X 16" (2 Black & 2 White)	16.50	22	22	17.0	
OT2-B6W	175 X 18	140 X 16.5	40,000	2 X 12" (1 Black & 1 White)	10.45	24	11	8.5	
OT2-B7E	175 X 18	140 X 16.5	40,000	2 X 12" (1 Black & 1 White)	10.45	24	11	8.5	16 Nos. 12xD750 KN 2XT1000 KN 2XQ1000 KN
OT2-B7	350 X 18	300 X 16.5	207,000	4 X 16" (2 Black & 2 White)	16.50	22	22	17.0	
OT2-B7W	175 X 18	140 X 16.5	40,000	2 X 12" (1 Black & 1 White)	10.45	24	11	8.5	

*** Distance between MLA Flanges centre to centre 4.00 Metres.**

Contd..34/-

3. General Description.

	Oil Terminal 1	Oil Terminal 2
MLA Flange Type	ANSI 150 lbs RF	ANSI B 16.5
MLA Manufacturer	EMCO WHEATON	KANON
Q.R.H Manufacturer	STRAINSTALL	MARIMATECH
Fender Type	SUPER CONE FENDER SCN1050	SUPER CONE FENDER Sumitomo Rubber Group HOM-1300(X150)
Fender Front Panel Dimension (in Millimeters)	3550 X 2000	4600 x 2200

4 NOTIFICATION OF SHIP'S ARRIVAL INFORMATION & CONFIRMATION

4.1 Following ETA messages and information is required to be forwarded to Port Control and Oil Terminal-1 Superintendent by Ship's Agent.

4.1.1 72 hours Notice of arrival with ETA / Arrival Draught to Pilot Station

(Refer "I- General Information, Item 2." for Pilot Boarding Area).

4.1.2. 48 hours Notice updating ETA & arrival draught.

4.1.3. 24 hours Notice updating ETA & arrival draught.

4.1.4. 12 hours Notice updating ETA & arrival draught.

4.2. The following details should be sent to Harbour Master's office with copy to Oil Tanker Terminal Superintendent through vessel's nominated agent prior vessel's arrival every time and each call to any Terminal Berth,

4.2.1 Permission to Enter – ISPS Form No.1 (amended on 29/03/2006 / Copy attached) (Attachment 6)

4.2.2 Tanker Pre-Arrival information as per attached format (attachment 7) (at least 72 Hrs prior arrival) signed and stamped by ship master / agent.

Contd..35/-