

FACSIMILE COMMUNICATION FORM



Port of Fujairah

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ميناء الفجيرة

ص.ب : ٧٨٧ - الفجيرة
 الإمارات العربية المتحدة
 فاكس : ٩-٢٢٢٨٨١١ (الادارة)
 ٩-٢٢٢٨٥٥٥ (العمليات)
 ٩-٢٢٢٨٣١٢ (الهندسة)
 ٩-٢٢٢٨٠٢٢ (بحرية)

To:	All Agents / Bunkering Companies / De-Sloping Companies / National Transport Authority / Federal Environment Agency / Hydrographic Office-UK		
Attn:	General Manager / Operations Manager		
From:	Capt. Tamer Masoud – Harbour Master		
Facsimile No.:	City: Fujairah	Country:	U.A.E
Ref. No. MD/FAX/09/729	Date: September 24, 2009	No. Pages:	6

Notice To Mariner No. 129

SUBJECT : PORT OF FUJAIRAH – BERTH CONSTRUCTION & DESIGN CRITERIA

I ABBREVIATION

M.Q : Main Quay
 SBB : South Break-water Berths
 OT1 : Oil Terminal 1
 SBB : South Break-water Berths
 7MQ : 7 Meter Quay
 CD : Chart Datum
 PD : Port Datum

Port Datum = Admiralty Chart Datum - 0.1 metre

II LIMITATIONS & TIDE INFORMATION

- 1- Height of M.Q, SBB & OT1 above Sea Level (Port Datum) : 4.75 metres
- 2- Height of 7 MQ Quay : 4.00 metres
- 3- Height of Lowest Low Water above Port Datum : + 0.10 metres.
- 4- Height of Highest Astronomical tide above Port Datum : + 2.8 metres.
- 5- Maximum Vessel Length Overall at M.Q & SBB : 300 metres
- 6- Maximum Vessel Dead Weight : 100,000 Tons
- 7- Maximum Vessel Breadth : 50 metres
- 8- Port Basin water depth : -15 metres (PD)
- 9- Berthing / Unberthing possible round the clock at all port Berths except non-propelled craft (berthing in day light).

III MAIN QUAY

1. General

1.1 Main Quay Length

- Total length of Main Quay is 1374 metres which is divided into 6 berths as described below.

1.2 Bollards

- Total number of bollards at Main Quay is 57.
- The capacities of bollards 1, 17 and from 35 up to 57 are 100 Tons, all other bollards are 50 Tons.
- The Capacity of bollard at South of berth No. 1 (sand bollard) is 75 Tons.

1.3 Fenders

- FENTEK Cone Fender - Model SCN 1050
- Front panel (2.15 x 3.85) metres and 1.48 metres away from the Quay Face.

1.4 Freshwater

Freshwater available.

2. Berth No. 1 (Metre Mark 000-170)

- Water depth alongside Quay : -10.5 (CD)
- Berth length (between bollard Nos. 1 & 8) : 170 metres
- Maximum arrival draught : 9.5 metres
- Maximum sailing draught : 10.0 metres

3. Berth No.2 (Metre Mark 170-370)

- Water depth alongside Quay : -12 metres (CD)
- Berth length (between bollard Nos. 8 & 17) : 200 metres
- Maximum arrival draught : 11.0 metres
- Maximum sailing draught : 11.5 metres

4. Berth No. 3 (Metre Mark 370 – 570)

- Water depth alongside Quay : - 12 metres (CD)
- Berth length (between bollard Nos. 17 & 27): 200 metres
- Maximum arrival draught : 11.0 metres
- Maximum sailing draught : 11.5 metres

5. **Berth No. 4 (Metre Mark 570 – 755)**

- Water depth alongside Quay : - 12 metres (CD)
- Berth length (between bollard Nos. 27 & 35) : 185 metres
- Maximum arrival draught : 11.0 metres
- Maximum sailing draught : 11.5 metres

6. **Berth No. 5 (Metre Mark 755 –1055)**

- Water depth alongside Quay : - 15 metres (CD) except at the following metre marks,

<u>Metre Mark</u>	760	770	780	790	800	810	820
Depth (in metres)	-12	-12.5	-12.5	-12.5	-13.5	-14.8	-15

- Berth length (between bollard Nos. 35 & 46) : 300 metres
- Maximum arrival draught : 13 metres
- Maximum sailing draught : 13.5 metres

7. **Berth No. 6 (Metre Mark 1055 – 1374)**

- Water depth alongside Quay : - 15 metres (CD)
- Berth length (between bollard Nos. 46 & 57) : 319 metres
- Maximum arrival draught : 13 metres
- Maximum sailing draught : 13.5 metres.

* If a vessel plans to sail with a draught more than the mentioned, prior approval from Harbour Master according to hourly tidal elevation to have 10% of vessels draught under the ship's keel is required.

IV SOUTH BREAKWATER BERTHS (SBB)

1. **General**

- 1.1 Maximum arrival draught : 13.5 meter for round the clock operation.
- 1.2 Maximum sailing draught : 14.0 meter for round the clock operation.
- 1.3 Prior approval required from Harbour Master if draught more than the mentioned above.
- 1.4 Water depth alongside berths 1,2 & 3 is 15 metres (CD)

1.5 **Bollards**

Total Numbers : 55

Spacing between Bollards at berths 1,2 & 3 : 20 metres

The Capacities of bollards 1 to 49 are 100 Tons, Bollards 50 to 55 are 30 Tons.

1.6 **Fenders**

- Cone Fender.
- Front panel (2.15 x 3.85) metres and 1.48 metres away from the Quay Face.

1.7 **Freshwater**

Freshwater available.

2. Berth No. 1 (SBB1)

- Berth length (between bollard nos. 1 & 17) : 300 metres

3. Berth No. 2 (SBB2)

- Berth length (between bollard nos. 17 & 32) : 280 metres

4 Berth No. 3 (SBB3)

- Berth length (between bollard nos. 34 & 49) : 280 metres

5. Berth No. 4 (SBB4)

- Water depth alongside Quay up to meter mark 40 : - 12 metres (CD)
 - Water depth alongside Quay from meter mark 40 to 70 : - 8 metres (CD)
 - Berth length (between bollard nos. 49 & 53) : 70 metres
 - Bollard capacity : 30 Tons.
 - Distance between bollards : 20 metres

6. Berth No. 5 (SBB5)

- Water depth alongside Quay : - 6 metres (CD)
 - Berth length (between bollard nos. 53 & 55) : 50 metres
 - Distance between bollards : 17 metres.

V OIL TERMINAL-1**1 GENERAL INFORMATION**

1	Total quay length	840 metres
2	Height of quay above sea level *	4.75 metres
3	Height of Lowest Low Water *	0.10 metres
4	Height of Highest Astronomical Tide *	2.80 metres
5	Extreme Highest Water*	3.14 metres
6	Vessel's maximum Length Over All	250 metres
7	Maximum arrival draught **	13.5 metres for round the clock operation.
8	Maximum sailing draft **	14.0 metres for round the clock operation.
9.	Maximum displacement	120,000 Tonnes
10	Water Depth alongside at C.D	15 metres

* Above Chart Datum (CD)

** Prior approval required from Harbour Master if draught more than the mentioned.

2 BERTH CONSTRUCTION & DESIGN CRITERIA

Oil Tanker Terminal-1 at Port of Fujairah is designed to accommodate following sizes of vessels at various berths with respective MLA's (Marine Loading Arms),

Berth	Berth Length x Depth (Metres)	Max. LOA x Max Draught (Metres)	Max. Displacement (Tons)	M.L.A	Maximum Allowed Height of MLA from Jetty Top (Metres)
OT1 - B1	240 x 15	180 x 13.5	54,000	4 x 12" (Two Black & Two White)	12.65
OT1 - B2W	150 x 15	130 x 13.5	25,000	2 x 12" (One Black & One White)	12.65
OT1 - B2	300 x 15	250 x 13.5	120,000	4 x 16" (Two Black & Two White)	15.15
OT1 - B2E	150 x 15	130 x 13.5	25,000	2 x 12" (One Black & One White)	12.65
OT1 - B3W	150 x 15	130 x 13.5	25,000	2 x 12" (One Black & One White)	12.65
OT1 - B3	300 x 15	250 x 13.5	120,000	4 x 16" (Two Black & Two White)	15.15
OT1 - B3E	150 x 15	130 x 13.5	25,000	2 x 12" (One Black & One White)	12.65

VI 7 METER QUAY

1 GENERAL INFORMATION

Water depth alongside Quay	:	- 7 Metres (CD)
Quay Length	:	250 Metres
Number of Bollards	:	17
Capacity of Bollards	:	30 Tons
Distance between Bollards	:	15 Metres

VII FLOATING JETTY**1 GENERAL INFORMATION**

Number of floating pontoons connected in sequence	:	3
Total Length	:	250 Metre
Water depth at first Pontoon	:	- 10 metres (CD)
Water depth at second and third Pontoon	:	-15 metres (CD)
Capacity of each Pontoon	:	70 Tons

Thanks & Regards,

Capt. Tamer Masoud
HARBOUR MASTER

cc : General Manager – PoF
Dr. Salem Khalil - D.I&E
All Department Managers - PoF
Safety & Security Officer - PoF
FOT-1 - Superintendent - PoF
Control Tower.
Vopak Horizon Fujairah Ltd.
Oil Terminal Users.