

Declared on 02.01.2023

| Berth | Maximum Acceptable LOA | Maximum Acceptable Beam | Maximum Acceptable Draft at CD. (*) (mtrs) | Displacement | Remark |
|---------------------------|------------------------|-------------------------|--|--------------|--|
| Terminal 1 | | | | | |
| Berth NO:1 | 295 | 48 | 13.5 | 90000 | |
| Berth NO:2 | 185 | 35 | 13.6 | 40000 | |
| Berth No.3 | 230 | 45 | 14.3 | 90000 | |
| Berth NO:4 | 230 | 35 | 13.9 | 90000 | |
| Barge Berth | 85 | 15 | 6.0 | 4200 | |
| Terminal 2 | | | | | |
| Berth NO:5 | 300 | 45 | 13.6 | 180000 | Total Quay length 575 mtrs hence more than two ships can be berthed in each quay subject to 35 mtrs clearance between ships. |
| Berth NO:6 | 300 | 45 | 14.2 | 180000 | |
| Berth NO:7 | 225 | 35 | Berth 7 and Berth 8 are Non Operational | | |
| Berth NO:8 | 200 | 35 | | | |
| Terminal 3 | | | | | |
| Berth NO:9 | 295 | 48 | 14.2 | 120000 | Total Quay length 794 mtrs hence more than two ships can be berthed in each quay subject to 35 mtrs clearance between ships. |
| Berth NO:10 | 295 | 48 | 13 | 74000 | |
| Berth NO:11 | 295 | 48 | 12.3 | 74000 | |
| Berth NO:12 | 235 | 35 | 13.1 | 74000 | |
| West Basin | | | | | |
| WB 1 | 325 | 55 | 17.5 | 266000 | |
| WB 2 | 325 | 55 | 17.5 | 266000 | |
| WB 3 | 325 | 55 | 17.5 | 266000 | |
| WB 4 | 325 | 55 | 15.8 | 321000 | |
| Container Terminal | | | | | |
| MICT CB 1 | 365 | 55 | 14.7 | 180000 | Total quay length of each terminal 630 meters each in straight line and hence more than two ships can be berthed in each terminal subject to a minimum of 35 mtrs clearance between each vessel. |
| MICT CB 2 | 365 | 55 | 15.5 | 180000 | |
| AMCT CB 3 | 365 | 55 | 15.2 | 180000 | |
| AMCT CB 4 | 365 | 55 | 15.0 | 180000 | |
| ACMTPL SB4 | 405 | 60 | 15.9 | 231600 | Total quay length 650 mtrs in straight line hence more than two ships can be berthed in each quay subject to 35 mtrs clearance between ships. |
| ACMTPL SB5 | 405 | 60 | 15.7 | 231600 | |
| AICTPL SB6 | 405 | 60 | 14.7 | 180000 | Total quay length 1460 mtrs in straight line hence more than four ships can be berthed in each quay subject to 35 mtrs clearance between ships. |
| AICTPL SB7 | 405 | 60 | 14.9 | 180000 | |
| AICTPL SB8 | 405 | 60 | 16.2 | 231600 | |
| AICTPL SB9 | 405 | 60 | 15 | 231600 | |
| LNG Terminal | | | | | |
| LNG | 410 | 55 | 15.1 | 178578 | |

| | |
|--------------|---|
| NOTE: | 1. All depths are in meters and below chart datum (i.e. 0.0 mtrs height of tide) |
| | 2. Maximum acceptable draft at CD for a berth is basis the Lowest Astronomical Tide which is 0.0 mtrs. |
| | 3. Higher berthing draft may be accepted basis the low water expected during the vessel stay at the berth. For Example: If the Maximum acceptable draft for a given berth at CD is given as 13 metres and the height of lowest low water expected during the vessel's stay is 0.5 metres, then maximum acceptable draft for that berth will be 13.5 metres. |
| | 4. A Minimum under keel clearance of 10% of the ship's draft* will be maintained during channel passage. A minimum UKC of 0.3 to 0.5 mtrs will be maintained at all time when the vessel is alongside the berth. |
| | 5. Minimum depth in approach channel and manoeuvring basin for the month is as follows. a) MICT approach channel - 13.6 mtrs. b) South basin (AICTPL & ACMTPL) approach channel - 14.7 mtrs c) West basin approach channel -14.5 mtrs. |
| | 6. Drafts at which vessel can sail anytime (AMCT/MICT/SB/WB) Lowest Low water in 22nd Jan : 0.59 mtrs. AMCT and MICT : Vessels with draft < = 12.9 M can sail anytime. South Basin (AICTPL & ACMTPL) : vessels with draft < = 12.72 M can sail anytime. West Basin : vessels with draft < = 13.72 M can sail anytime (Sub to Tidal Window) Above drafts are basis 10% UKC in the channel. |
| | 7. (a) Max acceptable LOA / Beam / Draft for IOCL SPM is 348 / 65 / 25 Mtrs (b) Max acceptable LOA / Beam / Draft for HMEL SPM is 345 / 60 / 23 Mtrs (c) Night berthing is restricted at both IOCL and HMEL SPM |
| | 8. Weather Parameters for berth (a) Cease berthing activity when sustained wind speed more than 30 kts. (b) Cease cargo transfer operation when sustained wind speed more than 35 kts. (c) Unberth ship if sustained when wind speed more than 40 kts. |
| | 9. Water Density - Water Density varies from 1.020 to 1.023 during SW Monsoon period. Remaining part of the year it ranges between 1.024 to 1.025 |

Thanking you



Capt. Sachin Srivastava
Head - Marine Services

Adani Ports and Special Economic Zone Ltd
Adani House
P.O. Box 1
Mundra, Kutch 370 421
Gujarat, India

Tel +91 02838 255781
Fax +91 2838 25 5110
info@adani.com
www.adaniports.com

Registered Office: "Adani Corporate House", Shantigram, Near Vaishno Devi Circle, S. G. Highway, Ahmedabad - 382421, Gujarat, India.