



जवाहरलाल नेहरु पत्तन प्राधिकरण JAWAHARLAL NEHRU PORT AUTHORITY

ISO 9001 : 2015
ISO 14001 : 2015
ISO 27001 : 2013
ISO 45001 : 2018

पत्तन कार्यालय : प्रशासन भवन, शेवा, नवी मुंबई - 400707. Port Office : Administration Bldg., Sheva Navi Mumbai - 400 707.
मुख्य सतर्कता अधिकारी Chief Vigilance Officer - (022) 2724 4151 : मुख्य प्रबंधक (प्रशासन) एवं सचिव Chief Manager (Admn.) & Secy - (022) 2724 4021 :
मुख्य प्रबंधक (यातायात) Chief Manager (Traffic) - (022) 2724 4191 : मुख्य प्रबंधक (यां.एव.वि.अ.) Chief Manager (M&EE) - (022) 2724 4181 :
मुख्य प्रबंधक (वित्त) Chief Manager (Fin) - (022) 2724 4081 : मुख्य प्रबंधक (प.यो.वि.) Chief Manager (PP&D) - (022) 2724 4156
उप-संरक्षक Dy. Conservator (022) 2724 4171 : हार्बर मास्टर (022) 2724 4173.
Website : www.jnport.gov.in • Email : info@jnport.gov.in

JNP/Marine/Berthing/Guidelines/2023/1350

6st December, 2023

BERTHING GUIDELINES CIRCULAR

The MbPA/JNPA common Navigation Channel of 19.17 nautical miles which has a minimum width of 450 meters is marked by IALA (International Association of Marine Aids and Lighthouse Authorities) “**Region A**” buoyage system. The maintained depths in the channel are as below:

SECTION	LENGTH IN NAUTICAL MILES	MAINTAINED DEPTH (IN METRES BELOW CD)
A-B	6.36	15.6
B-C	2.53	15.4
C-D	4.31	14.6
D-E	2.36	14.4
E-F	3.61	14.4

In supersession of our earlier Circular No. JNPA/Marine/Berthing/Guidelines/Cir/2022/393, dated 29th June 2022 and other Berthing guideline circular issued for vessels calling at JNPA, the following revised guidelines are being implemented with immediate effect :-

- (i) All ships having a maximum draft of 15.0mtrs will be permitted in the channel and at BMCTPL, BPCL LB1 (for a single vessel berthing), APMT, NSFT, NSICT & NSIGT, subject to the height of tide being 2.2m and above in all weather conditions.

A. NSICT/NSIGT(DP WORLD)

- (i) **LOA** - Not exceeding 370 mtrs
- (ii) **Displacement** - Not exceeding 1,50,000 MT For NSICT
Not exceeding 2,11,000 MT for NSIGT
- (iii) **Depth at berth pocket** - The berth pocket extends 78 mtrs from the berth maintain depth is 16.2 mtrs at CD
- (iv) **Draft** - Not exceeding 15.0 M/Higher drafts may be Permitted after prior clearance from Marine Department

B. NHAVA SHEVA FREEPORT TERMINAL PVT. LTD.(NSFT)

- (i) LOA - Not exceeding 370 mtrs
- (ii) Displacement - Not exceeding 1,50,000 MT
- iii) Depth at berth pocket :- The berth pocket extends 78 mtrs from the berth maintain depth is 16.2 mtrs at CD
- (iv) Draft :-Not exceeding 15.0 M/Higher drafts may be Permitted after prior clearance from Marine department

C) NHAVA SHEVA DISTRIBUTION TERMINAL(NSDT)PVT.LTD

1. Coastal Berth (CB)

- i) LOA -Max LOA 180 mtrs
- ii) Displacement -Not exceeding 30000 MTs
- iii) Draft -Drafts of upto 8.50 mtrs permitted. Higher drafts will be permitted subject to prior approval of Marine Department.
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2. NSD (01)/ROPAX

- (i) ROPAX - Max LOA 183 mtrs
- (ii) Displacement - Not exceeding 30000MT
- (iii) Draft - Not exceeding 8 mtrs

3. NSD(02)/(03)

- (i) LOA -Not exceeding 190 mtrs
 - (ii) Displacement -Not exceeding 32500MT
 - (iii) Draft -Not exceeding 10mtrs
- NSD 02 +NSD 03 Should be less than 260 m

D) GATEWAY TERMINAL INTERNATIONAL PRIVATE LTD.(APMT)

- (i) LOA -Not exceeding 370 mtrs
- (ii) Displacement -Not exceeding 1,70,000 MT
- (iii) Depth at berth pocket -The berth pocket extends 78 mtrs from maintained depth is 16.2 mtrs at CD
- (iv) Draft - Not exceeding 15.0 m/Higher drafts may be Permitted after prior clearance from Marine department

Structural Strengthening of APM Terminal is in progress, After completion the terminal will be able to handle upto 2,36,375 MT displacement...

E) BPCL

(1) LB(01)

- (i) LOA -Not exceeding 330mtrs
- (ii) Displacement -Not exceeding 1,20,000MT
- (iii) Depth at berth pocket -The berth pocket extends upto 78mtrs from berth maintained depth is 16.2mtrs at CD
- (iv) Draft -Not exceeding 15.0m/Higher drafts may be permitted after prior clearance from Marine Department.
- (v) In case, two tankers are berthed at LB01, aggregate LOA shall not exceed 326 mtrs, subject to both Master's consent in advance and subject to weather permitting.

E) LB02

- (i) LOA -Not exceeding 185mtrs
- (ii) Displacement -Not exceeding 45,000MT
- (iii) Depth at berth pocket -The berth pocket extends upto 50mtrs from the berth maintained depth is 12.2mtrs at CD
- (iv) Draft - Not exceeding 10.5m/Higher drafts may be permitted after prior clearance from Marine Department.

In case, two tankers are berthed at LB02, the aggregate LOA shall not exceed 245mtrs. However, higher aggregate will be allowed subject to both Master's consent in advance and subject to weather permitting.

F) BMCTPL-(BMCT01,02,&03)

- (i) LOA -Not exceeding 370 mtrs
- (ii) Displacement -Not exceeding 2,18,000 MT
- (iii) Depth at Berth Pocket -The berth pocket extends upto 70 mtrs from maintained depth is 16.2 mtrs at Chart Datum the berth
- (i) Beam Restrictions -64.5 mtrs

Vessel upto 400 mtrs LOA can be accepted at BMCT during daylight and fair weather, with prior clearance from marine department

H. JNPA- NORTH ANCHORAGE:

Vessels upto 180mtrs LOA
Max. draft 12mtrs

I. NEW JNP ANCHORAGE(SOUTH)

Vessels upto 150mtrs LOA
Max. draft 10mtrs

GENERAL

- A. It is mandatory for a vessel over 270 mtrs LOA to have two pieces of working Laser Range Finders on board for safe turning around during day and night.
- B. Monsoon period is considered to be from 1st June to 30th September.
- C. During monsoon vessel at berth LB2, CB, BMCT-1, NSDT 2&3 to berth heading south only.
- D. Docking/undocking shall be restricted when wind speed exceeds 20 knots and may be suspended when it exceeds 25 knots.
- E. Minimum space between ships shall not be less than 25mtrs at Main Berth and 20mtrs at NSDT.
- F. Vessels shall be docked/undocked, turned around or shifted subject to availability of depth and favorable tidal currents. A minimum of 1.5 m UKC to be maintained during entire passage.
- G. During fair weather container vessel 4+2-fwd & aft & for Tankers – 3+2+2 fwd & aft.
- H. During monsoon season extra lines shall be used to avoid any damage/surging.
- I. Specific gravity of water in JNPA varies from 1012 to 1024. Masters of incoming vessels should take note of this while declaring their arrival draught.
- J. Available berth length at JNPA is appended below:

NSIGT : 330 Meters	APMT : 712 Meters
NSICT : 600 Meters	LB 01 : 300 Meters
NSFT : 680 Meters	LB02 : 250 Meters
NSDT : 260 Meters	CCB : 250 Meters
	BMCTPL : 1000 Meters

These should be borne in mind when applying for a berth.

- K. Maximum permissible draft may be restricted in case of extreme exigencies.
- L. Higher draft may be permitted on "case to case basis" with prior clearance from the Deputy Conservator/Harbour Master depending upon the tides, weather condition and navigational aids/infrastructure availability.


06/12/2023
Deputy Conservator

To

1. Ship Owners/Masters/Agents
2. MANSА/CSLA/INSA
3. M/s DP World/M/s APMT/M/s BMCTPL
4. M/s BPCL
5. M/s ONGC Nhava Base
6. M/s Cement Ambuja, Ulva
7. All HoDs
8. PS to Chairman/PS to Dy. Chairman