



जवाहरलाल नेहरू पत्तन प्राधिकरण

JAWAHARLAL NEHRU PORT AUTHORITY

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.
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JNP/Marine/Berthing/Guidelines/2025/1529

29.12.2025

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. JNP/Marine/Berthing/Guidelines/2024/395 dated 13th June, 2024 and other Berthing Guidelines circulars issued by JNPA for vessels calling JNP, the following revised guidelines are being implemented with effect from 01-01-2026.

(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), GTIPL, 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 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 Deptt.

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

(i) LOA	Not exceeding 370 mtrs
(ii) Displacement	Not exceeding 2,15,000 MT
(iii) Depth at berth pocket	The berth pocket extends 78 mtrs from the maintained depth is 16.2 mtrs at CD berth
(iv) Draft	Not exceeding 15.0 m/Higher drafts may Be permitted after prior clearance from Marine Deptt.

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

1. Coastal Berth (NSDT-CB)

(ii) LOA	Not exceeding 180 mtrs (LOA will be reviewed after monsoon)
(iii) Displacement	Upto 30000 MTs
(iv) Draft	Drafts of upto 9.2 mtrs (with Yokohama fender)permitted. Higher drafts will be permitted subject to prior approval of Marine Deptt.

1. NSDT 01/ROPAX JETTY

(i) ROPAX	The berth is of 183mtrs
(ii) Displacement	Not exceeding 30000 MT
(iii) Draft	Not exceeding 8 mtrs

2. NSDT 02 &03

(i) LOA	Not exceeding 197mtrs
(ii) Displacement	Not exceeding 45000MT
(iii) Draft	Not exceeding 10mtrs
	NSD 02 + NSD 03 should be less than 260 m

C) GTIPL

(i) LOA	Not exceeding 370 mtrs
(ii) Displacement	Not exceeding 2,36,375 MT
(ii) Depth at berth pocket	The berth pocket extends 78 mtrs from the berth maintained depth is 16.2 mtrs at CD
(iii) Draft	Not exceeding 15.0 m/Higher drafts may Be permitted after prior clearance from Marine Deptt.

D) BPCL TERMINAL

a) Liquid Berth 01 (LB1)

(i) LOA	Not exceeding 330mtrs
(ii) Displacement	Not exceeding 1,20,000MT
(iii) Depth at berth pocket	The berth pocket extends upto 78mtrs from the berth maintained depth is 16.2mtrs at CD
(iv) Draft	Not exceeding 15.0m/Higher drafts may Be permitted after prior clearance from Marine Dept.
(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.	
(vi)	

b) Liquid Berth 02(LB2)

(i) LOA	Not exceeding 185mtrs
(ii) Displacement	Not exceeding 45,000MT
(iii) Depth at berth pocket	The berth pocket extends up to 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 Deptt.

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.

E) JSW TERMINAL

Liquid Berth no. (LB 3)

i) LOA:	Not exceeding 250 meters
ii) Displacement :	Not exceeding 90,000 MT
iii) Parallel Body Length :	Minimum 66 meters
iv) Draft	Not exceeding 14.8 meters

Liquid Berth no.4 (LB 4)

i) LOA:	Not exceeding 183 meters
ii) Displacement :	Not exceeding 90,000 MT
iii) Parallel Body Length :	Minimum 66 meters
iv) Draft	not exceeding 12.0 meters

F) BMCTPL

(i)	LOA (for berth no 1,5,6)	Not exceeding 370
	LOA (for berth no 2,3,4)	Not exceeding 400 mtrs
(ii)	Displacement	Not exceeding 2,90,000 MT
(iii)	Depth at Berth Pocket	The berth pocket extends upto 70 mtrs from the berth maintained depth is 16.2 mtrs at Chart Datum
(iv)	Depth in the maneuvering basin	14.4 mtrs below CD
(v)	Draft	Not exceeding 15.0 m/Higher drafts may be permitted after prior clearance from Marine Deptt.
(vi)	Beam Restrictions	64.5 mtrs

G. JNP North Anchorage:

Vessels up to 180 mtrs. LOA Max. draft 12 mtrs

H. NEW JNP ANCHORAGE

Vessels up to 180mtrs LOA Max. draft 10 mtrs

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 LB 2,LB4, CB,BMCT -1, 5 & 6, 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 Shallow Water Berth. For BMCT extra space to be kept in order to avoid crossing of mooring lines.
- 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 and aft ,for tankers 3+2+2 fwd & aft mooring lines to be used.
- h. During monsoon extra line shall be used for mooring to avoid

damaged /surging. (Expected normal 5+3-fwd & aft for container & for Tankers – 4+3+3).

- i. Specific gravity of water in JNP 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	GTIPL: 712 Meters
NSICT	: 600 Meters	LB 01 : 300 Meters
NSFT	: 680 Meters	LB 02 : 250 Meters
NSDT	: 260 Meters	CCB : 250 Meters
LB 03/04	: 250 Meters	
BMCTPL	: 2000 Meters	
- k. Maximum permissible draft may be restricted in case of extreme exigencies.
- l. Higher draft 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.



01/01/2026

Deputy Conservator

To:



1. Ship Owners/Masters/Agents
2. MANSA/CSLA/INSA
3. M/s. NSICT / NSIGT / M/s. NSFT/M/s. NSDT / M/s. GTIPL / M/s. BMCTPL
4. M/s. BPCL / M/s. JSW
5. M/s. ONGC Nhava Base
6. M/s. Cement Ambuja, Ulva
7. All HoD's
8. PS to Chairman / PS to Dy. Chairman.