

Terminal Information

DP World Nhava Sheva links to a wide network of inland container depots (ICD) in Pune, Nagpur, Ahmadabad, Hyderabad, Ludhiana and NCR Region through two sets of railway sidings, which ensure an efficient and successful operation. The terminal is connected to India's major highways and rail networks, which gives access to neighboring Mumbai and to the hinterland of Madhya Pradesh, Maharashtra, Gujarat, Karnataka and most of North India. On an average, DP World Nhava Sheva handles 6 trains a day, and 160 trains monthly.

The Terminal operates state-of-the art infrastructure and provides a world-class service to its customers. Its berth productivity is rated amongst the best in the world and it continuously surpasses its own records in throughput and turnaround times. The seven gates, which control and expedite container flow at the terminal, have proven to be among the terminal's best assets ensuring a smooth continuity of container traffic flow whilst handling some of the highest traffic loads. Future plans include gate automation to further improve operational efficiency.

TERMINAL CAPACITY

| | |
|----------------------------|---|
| Capacity | 1.5 million teus |
| Reefer Points | 778 |
| Total Terminal Area | 28.00 hectares |
| Yard Stacking Area | 25.00 hectares |
| Trailer Parking | N.A.(direct handling, no parking required) |
| On site Rail tracks | 2 number of tracks |

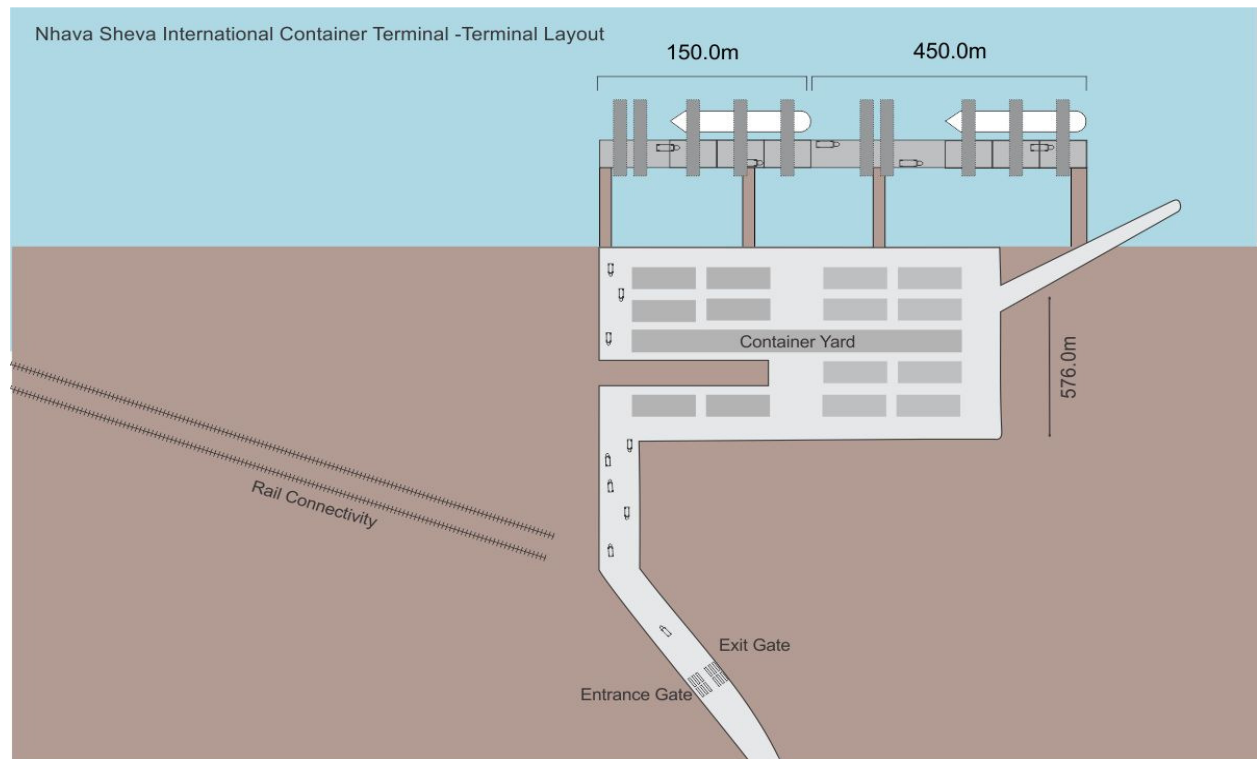
EQUIPMENT

| | |
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| Quayside Cranes | 4 x NOELL post Panamax, single lift 4 x NOELL super post Panamax, single lift |
| Outreach | Post Panamax: 45.7m; Super Post Panamax: 50.2m |
| Backreach | 15m for both |
| Rail Gauge | CR 20 m |
| Lifting Height Below Wharf | 17m for both |
| Lifting Height Above Wharf | Post Panama: 31m; Super Post Panamax: 34m |
| Safe Working Load under Spreader | 40 Tonnes for all |
| Safe Working Load under Heavy Lift Beam | 55 Tonnes for all |
| Yardside Equipment | |
| RTGs | 29 x NOELL Single lift, SWL 40t, |
| RMGs | 03 x NOELL Single lift, SWL 40t |
| Reachstackers | 03 x Fantuzzi, Single lift, SWL 40t |
| Empty Handlers | 02 x OMEGA, Single lift, SWL 8Mt |
| Forklifts | 02 x GODREJ, SWL 3 T |

| BERTH AND WHARF | |
|-------------------------------------|---|
| Berth Length | 600 meters, 2nos for big vessel |
| Depth Alongside | 13 meters (Amended on monthly basis) |
| Height (ISLW to Top of Cope) | 6.36 meters |
| Tidal Range | |
| Spring | 4.60 meters CD (mean highest) & 0.69 meters CD (mean lowest) |
| Neaps | 3.30 meters CD (mean highest) & 1.85 meters CD (mean lowest) |
| - Maximum | 5.38 meters CD (mean highest) & 2.74 meters CD (mean lowest) |
| Bollards | 25 o's and 150 Tonnes. |
| Fender | |
| - Main Fender | 24 No's (Steel structure No's & (deflection, reaction force, energy absorption) |
| - Intermediate Fender | 24 No's fender cone & (72% -deflection, 141.4T - reaction force, 76.3 (T-M) energy absorption) |
| Swinging Basin | 600 mtrs |
| Channel Length | 10.2 Nautical miles |
| Channel Depth | Current - 11 mtrs CD Proposed 13.9 mtrs below CD |

*CD – Chart Datum

Terminal Layout



Jawaharlal Nehru Port - Harbour Layout

