



## OVERVIEW

This fully mechanized coal handling terminal will be the most modern and efficient in South India. It will cater to the import requirement of the numerous power, steel and industrial plants in the hinterland.

## CONTACT

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## HIGHLIGHTS

- Dredged depth of 14.1 meters.
- Designed to berth 95,000 DWT vessels.
- 3 ship un-loaders connected to conveyor belts.
- Daily output of up to 75,000 MT
- Fully automated stacking, reclaiming and truck loading.
- Stacking capacity of 600,000 MT
- Comprehensive Dust suppression system in place.
- Upcoming railway connection.
- Annual capacity of 14 million tons.
- Commissioning : Q1 2014.
- Exclusivity to handle non-captive coal in the port of Tuticorin.



NO.	TERMINAL CHARACTERISTICS	
1	Berth Length	306 Meters
2	Wharf / Berth Structure	Concrete deck slabs on piles
3	Fenders: type and distance between	Compression rubber fenders, 21 meters
4	Max available draft	Phase I : Dredged depth of 14.1 meters with a draft of 12.8 meters. Phase II: Dredged depth of 16.8 meters
5	Max air draft (after discharge)	No restrictions. Terminal is equipped with Gantry cranes, which have boom up (Luffing)
6	Water density	Sea Water Brackish 1.018 to 1.020 kg/cb.meter
7	Tide variation if any	Less than 1 meter
8	Entry channel draft	12.8 meters
9	Max allowed Deadweight tonnage	95,000 DWT
10	Port working time	24 hours SHINC
11	Vessels maneuvers restrictions	No restrictions
12	Max Displacement of a Vessel	By design and construction, the berth is capable of handling vessels with displacement of up to 115,000 mT
13	Hold-cleaning method	Front-end loaders
14	Max LOA	255 meters, (Berth will be able to accommodate larger vessels by sending mooring lines to adjacent Berths).
15	Max Beam	40 meters. Note - Today there is a navigational restriction to 36 meters beam. This may be increased as will be commercially required.
16	Number of discharging equipment	3 Grab type ship Un-loaders
17	Grab capacity	35.6 cb.meters each
18	Max outreach	40 meters from sea side rail centre
19	Max Discharging rate per day	Up to 77,760 mT
20	Berth conveyors	3 conveyor belts at berth. 2 Over sea and Yard conveyors belts capacity of 6,000 tph.
21	Storage capacity	120,000 sq.meters (600,000 tonnes of cargo)
22	Reclamation system	2 reclaimers with a total capacity of 1500 TPH each
23	Truck loading capacity	4 x Truck loading stations in phase I (potential upgrade to 6 Truckloading stations in phase II)
24	Rake loading facilities	Planned for 2016
25	Provision for Fresh Water supply	Yes, through tankers
26	Provision for bunkering	Yes, through agents