

FACILITIES

Paradip is one of the Major Ports of India and late Sri Biju Pattanaik the then Chief Minister of Orissa is the founder father of Paradip Port. Pt. Jawaharlal Nehru the then Prime Minister of India laid the foundation stone of the Port on 3rd January 1962 near the Confluence of river Mahanadi and Bay of Bengal. Government of India took over the management of the Port from the Government of Orissa on 1st June 1965. The Port was opened to Traffic on 12th March 1966. Government of India declared Paradip as the Eighth Major Port of India on 18th April 1966 making it the FIRST MAJOR PORT in the East Coast commissioned after independence.

THE POSITION OF THE CHANNELS IS AS UNDER :

Approach Channel	2020.0 mtrs. Long 190.00 mtrs. Wide (-) 15.00 mtrs. Deep
Entrance Channel	500.00 mtrs. Long 160.00 mtrs. Wide (-) 13.00 mtrs. Deep
Turning Basin	520.00 mtrs. Diameter.

PILOTAGE & TOWAGE FACILITIES :

The Pilotage is compulsory for all vessels above 200 MTs Gross Tonnage. The Pilotage service is available to all vessels during 24 hours and 365 days. The Pilot Boarding ground is about 2 miles ESE of Breakwaters. All the vessels have to inform their ETA prior to entering the Port Limits to the Port Signal Station on VHF Channel: 16 / 06. The Port has 3 Nos. Tugs having BP more than 40 Tons and 2 Nos. Tugs having BP more than 50 Tons. All the tugs are fitted with fire fighting equipments for external general and oil fire. The Port is having 04 Nos. Pilot Launches having speed more than 12 knots. 02 Nos. Mooring Boats are also available for passing the Mooring Lines to the Berth / Jetty.

MARINE POLLUTIONS & RECEPTION FACILITIES :

The Port Complies to all the Regulations of MARPOL 73/78 and has a Pollution Control Cell to monitor the Pollution in the Harbour. The Port has a Pollution Control Vessel with a Skimmer, chemical dispersant spray system and Oil Containment Boom. The Port also has a 300 T Oil Reception Barge. The Port has engaged private firms having permission from Central Pollution Control Board and State Pollution Control Board to receive waste / used / oily water from the vessels for re-processing / recycling as required by MARPOL 73/78 Annexure-I. The Port has also engaged private firms to collect garbage from the vessels in Port as required by MARPOL 73/78 Annexure-V. The reception facilities for other annexures of MARPOL 73/78 can be arranged by advance notice given by ship owners / local agents.

SAFETY & SECURITY FACILITIES :

The Port complies to all National & International Regulations with regard to the Safety of the vessels in Port. In case of Fire, accidental flooding, grounding, collisions, man over board etc., the Port is well equipped to take prompt and immediate action from land as well as from water side. Port has installed CCTV Security Surveillance System as an enhanced security measure. The Port complies to all the requirements of ISPS Code and is having an ISPS Cell in full operation.

BERTHS & HANDLING FACILITIES:

IRON ORE BERTH

Commissioned	12.03.1966
Jetty length	210 mtrs.
Jetty Width	13.75 mtrs.
Distance between Dolphin to Dolphin	320 mtrs.
Maximum LOA of Vessels accepted	260 mtrs.
Maximum Beam of Vessels accepted	40 mtrs.
Draught	13.20 mtrs.
HANDLING FACILITIES	
Rated Capacity of the Plant	2500 MT/Hr.
No. of Bucket Wheel Reclaimers	03 Nos.
Rated Capacity of Reclaimers	
No. 1	1750 MT/Hr.
No.2	1500 MT/Hr.
No.3	3000 MT/Hr.
Rated Capacity of Shiploader	
No.1	3000 MT/Hr.
Wagon Tippler (Rotary Type)	
Total Nos.	02 Nos. (i.e. TP-149 and TP-150)
Rated Capacity	2500 MT/Hr
Capacity per Table	25 Wagons/Hr
Annual through-put of the Plant	4.5 Millions Tonnes
Average daily loading	20,000 Tonnes

COAL BERTHS AND MECHANISED COAL HANDLING PLANT

Commissioned	11.09.2001
Jetty length	520 mtrs.
Draught	12.50 mtrs.
HANDLING FACILITIES	
Design Capacity of the Plant	20.0 Million tones per annum
Rated Capacity of Stackers	4000 MT/Hr (02 nos.)
Rated Capacity of Reclaimers	4000 MT/Hr (02 nos.)
Stack Yard Capacity	6.5 Lakh MTs
Rated Capacity of Ship Loader	4000 MT/Hr (02 nos.)
Track Hopper at RRS	04 wagons per table (02 nos.)
Mode of un-loading	Mechanized un-loading from BOBR wagons on a Merry-GO-Round system (MGR). (Two streams of 4000 tonnes/hrs.)

GENERAL CARGO BERTHS :

Port has a total of 08 nos. of general Cargo berths. These berths are multipurpose in nature and generally used by vessels for loading / unloading thermal coal, Chrome Ore, Manganese Ore, Iron Ore , Charge chrome , ferro Chrome , ferro Manganese, steel coils, coking Coal, Hard Coke , limestone, food - grains , fertilizer, DBM, steel billets, Scrap , Clinkers, Project Cargo etc.

First cargo berth	Commissioned on 15.04.75
Length	281.00 mtrs.
Draught	11.00 mtrs.
Second cargo berth	Commissioned on 30.11.84
Length	205.00 mtrs.
Draught	11.00 mtrs
Third cargo berth	Commissioned on 31.03.85
Length	200.00 mtrs.
Draught	12.00 mtrs.
Fourth cargo berth i.e. South quay	Commissioned on 31.03.87
Length	265.00 mtrs.
Draught	12.00 mtrs.
Fifth , Sixth and Seventh cargo berth	Commissioned between 12/1985

i.e. Central quay 1,2,3	to 09/2001
Length	755.0 mtrs.
Draught	12.50 mtrs.
Eighth cargo berth i.e. Multi Purpose berth	Commissioned on 11.09.2001
Length	235.00 mtrs.
Draught	12.50 mtrs.

OIL JETTY :

Commissioned	29.03.2003
Length Dolphin to Dolphin	300.00 mtrs.
Draught	13.00 mtrs.

CAPTIVE BERTHS :

Fertilizer Berth - No.1	Commissioned on 12.10.1985
Length	250.0 mtrs.
Draught	12.50 mtrs.
Operated by	M/s. Paradip Phosphates Ltd. (PPL)
Fertilizer Berth - No.2	Commissioned on 01.12.1995
Length	250.0 mtrs.
Draught	12.50 mtrs.
Operated by	M/s. Indian Farmers Fertilizers Cooperatives limited (IFFCO)

Installation and commissioning of Single Point Mooring (SPM):

The Single Point Mooring (SPM) facility for handling VLCC vessels of Indian Oil Corporation has become operational from 28.12.08 onwards.

CONTAINER HANDLING



STORAGE AREA:

- ❖ 55000sq. mtr.of concrete paved area near the berth.
- ❖ Storage area secured & protected.
- ❖ Capacity to store about 1000 TEUs (20ft).



EQUIPMENTS AVAILABLE:

- ❖ One Mobile crane of 75MT capacity (Port).
- ❖ Two 50 MT mobile cranes & one 20 MT forklift (private).
- ❖ Adequate trailers to handle TEUs and FEUs (private).

FACILITY:

- ❖ Berthing priority for container vessels. Hence, nil waiting
- ❖ 50% Concession in both vessel & cargo related charges for container vessels.
- ❖ Harbor Mobile cranes at berths to handle containers.
- ❖ Inhouse stuffing / destuffing facility.
- ❖ Siding facility for Rail handling of containers.

CONTAINER TRAFFIC

2010-11

- ❖ Import of 1084 empty TEUs.
- ❖ Export of 2443 TEUs laden container with 61361ton.



STORAGE FACILITIES:

There are four Transit Sheds inside and two Warehouses outside the Port prohibited area.

TRANSIT SHED	AREA (Sq. mtr)	Capacity (in mtr)
Transit Shed No.I	5000	14000
Transit Shed No.II	4600	6700
Transit Shed No.III	4500	6000
Fertilizer Shed	1360	3300
TOTAL	15460	30,000

WARE HOUSE	AREA (Sq.mtr)	Capacity (in mtr)
Ware House No.I	1711	4000
Ware House No.II	6000	14000
TOTAL	7711	18000

OPEN (CONCRETE)	AREA (Sq. mtr)	Capacity (in mtr)
Godown No.I	3860	7250
Godown No.II	2670	5000
Godown No.III	1980	3750
Godown No.IV	2180	4000
Godown No.VI	1780	3400
TOTAL	12470	23400

OPEN STACK YARDS	AREA (Sq.mtr)
Rail Sidings	753600
Mechanical Ore	105000
Mechanical MCHP	123000
Without Siding	777500
Covered	23171
Concreted	74000
TOTAL	18,56,271

CARGO HANDLING EQUIPMENT:

The Port has at present the following equipments for efficient and smooth loading/unloading operations:

Name of Equipment	Nos. Available	Capacity (in MT)
Wharf Cranes	02	20.0
Mobile Crane	01	20.0
Mobile Crane	01	75.0
Mobile Harbour Crane	02	140.0
Mobile Harbour Crane	01	100.0
Forklift Truck	02	3.0
Pay loaders	01	3.50 Cu.Mtr
Pay loaders	02	4.70 Cu. Mtr

PORT RAILWAYS:

The Port has its own Railway system. The route length is 9.8 Kms and track length is 82 Kms. There are 7 nos. of Locomotives to undertake railway operations as indicated below:

1150 BHP	01 (BHEL)
1350 BHP	02 (BHEL)
1400 BHP	04 (DLW-WDS-6)
1350 BHP	02 (DLW- WDS-6A/D)
3100 BHP	01 (DLW-WDG-3A)

Port has 25 railway sidings capable of handling full rakes of 58 BOX N type of wagons.

WATER SUPPLY AND BUNKERING :

Adequate supply of water to Ships is available at all berths. Bunkering facilities are also made available by Indian Oil Corporation through road tankers. The Port is also having a self - propelled Barge with a capacity of 400MTs to supply fresh water at anchorage.

REPAIRING FACILITIES :

The Port has a 500 Ton slipway along with workshop for repair and maintenance of Port crafts and barges. A Wet Basin for Port crafts is available close to the Slipway.

There is a well-equipped Central Workshop for repair and maintenance of Port equipments. This workshop can undertake repair jobs for ships, incase of need.

The dry dock of dimension 75mtrs length, 15mtrs width and 11mtrs depth has been constructed at this port to facilitate repairing of crafts. Vessels of (-5.5)mtrs draft can be repaired at paradip.

ELECTRONIC DATA INTERCHANGE (EDI):

The Port has introduced EDI for all payments made to the port by its users. The concept is to connect the port users, the bank and the port for faster and easier transfer of funds. The 'single-window service' facility is available at the Port through its Central Documentation Center (CDC).