

CHAPTER 12

TRANSPORT & COMMUNICATION

12.01 Transport and communication are the basic infrastructural requirements for achieving rapid economic development. Infrastructural adequacy in transport and communication sector is crucial for attracting private investments. The ongoing economic reforms, therefore, attach high priority to development of transport and communication infrastructure. The Industrial Policy, 2007 accords special priority to infrastructural development, which in turn would facilitate flow of funds for large investment in the industrial sector. In fact, a large no. of steel, mining and mineral based industries are going to be set up/ already set up in the State which does not only requires massive increase in road transport infrastructure and services but also require rapid increase in passenger transport due to increase in urbanization. Development of transportation infrastructure is also essential for marketing of agricultural produces and enables farmers to get fair prices. Keeping this in view, the State Government has accorded a very high priority for development of transport and communication infrastructure in the State.

ROADS

12.02 In the absence of adequate internal rail linkages, roadways is the major means of

transport and communication to many parts of Orissa. As good roads improve the accessibility of the people to markets and facilitate better delivery of services, emphasis is being given to provide all-weather road communication to inaccessible areas and upgrade the existing road network. So far, only 40% of approximately 50,000 villages in Orissa have all-weather connectivity as compared to the national average of 60%.

12.03 During 2007-08, the total road length of the State comprises of-

- 3592 km.- National Highways,
- 18 km.- State Express Highways,
- 3,675 km- State Highways,
- 3,984 km.- Major District Roads
- 6,564 km.- Other District Roads
- 28,830 km.- Rural Roads,
- 20,314km.- P. Samity Roads,
- 1,39,942 km- G.P. Roads,
- 7,432 km.- Forest Roads,
- 18,192 km- Urban Roads
- 6,277 km- Irrigation Roads
- 88 km - GRIDCO Roads.

RURAL ROADS

12.04 India as well as Orissa live in villages. Rural Connectivity is one of the key factors for the socio-economic development of the State.

There are 3,801 rural roads of the length of 28,829.555 Kms. out of which 4,018.003 kms. are earthen roads, 15,041.972 km. are BT and 8,286.659 kms. are MT roads. Table 12.1 presents the status of rural connectivity vis-à-vis habitations in the state.

Table – 12.1
Status of Rural Connectivity
in Orissa as in 2007-08

(Based on 2001 population census)

Items/ Population	1000 +	500- 994	250- 499	Less than 250	Total
Total Habitations (as on 1.4.2000)	9173	12474	12932	15520	50099
Total Connected Habitations (as on 1.4.2000)	5470	5759	5011	4838	21078
Total Uncovered Habitations (as on 1.4.2000)	3703	6715	7921	10682	29021
Coverage of Habitations (PMGSY Ph-I to VI & ADB Ph-II)	1693	888	491	305	3377
Habitations covered through other schemes	78	19	0	0	97
Balance Uncovered Habitations as on 31.3.07	1932	5808	7403	10377	25547

Source: Chief Engineer, Rural Works.

12.05 Under 'Bharat Nirman' Programme, the target for Orissa is to connect 4955 habitations with new road and up-gradation of 7659 Kms. of roads. Against this, the performance in 2007-08 and target for 2008-09 are given below:

Table – 12.2
Target and Achievement under
Bharat Nirman

Item	Progress up to 2007-08		2008-09
	Target	Achievement	Target
1.Total Villages Connected			
a)More than 1000 popn.	1563	704	1406
b)More than 500 popn. Scheduled area	538	147	1448
2.Total Habitations	2101	851	2854
3.New Connectivity (km.)	7317	4297	7.651
4.Upgradation /Renewal	2259	2114	6025
5.Total length (km)	14239	6412	13676

Source: Chief Engineer, Rural Works

12.06 The target to provide connectivity will be achieved through PMGSY funding of Rs.1,000.00 crore during 2008-09 over and above the funding out of State plan resources.

PRADHAN MANTRI GRAM SADAK YOJANA (PMGSY)

12.07 Government of India launched a major rural road connectivity programme named "Pradhan Mantri Gram Sadak Yojana (PMGSY)" during December, 2000. The prime objective of PMGSY is to provide all-weather road connectivity to unconnected villages in rural areas with necessary culverts and cross-drainage structures that can be operable through out the year. PMGSY is one of the targets of Bharat Nirman Yojana, launched in 2005-06, which aims connecting all the unconnected habitations by 2009.

12.08 In Orissa, PMGSY came into operation in the year 2000-01. By the end of 2007-08, 4,749 roads covering length of 16,356.16 km. and 46,480 C.D. works have been sanctioned

in seven phases with project cost of Rs.5,043.66 crore. Besides, 657 roads with 2,801.39 km length and 7,686 CD works have also been sanctioned with project cost of Rs.863.28 crore in 2005-06 and 2006-07 under ADB finance.

12.09 By the end of 2007-08, 2455 roads of 8,492.267 Kms. length and 25,731 CD works have been completed with an expenditure of Rs.2,313.72 crore. Out of total 8,492.267 km of road completed as on 31st March 2008, 7,368.81 km were black topped and 1,123.47 km were concrete roads. About 3,758 habitations have been connected through this programme by the end of 2007-08.

12.10 During 2007-08, 432 roads of 1,836.03 km and 6,038 CD works have been completed with an expenditure of Rs.677.40 crore. Out of 1836.03 km of completed roads, 1,495.52 km were black topped and 374.06 km were concrete roads connected 621 habitations.

RURAL INFRASTRUCTURE DEVELOPMENT FUND (RIDF)

12.11 Rural Infrastructure Development Fund (RIDF) which is being operationalised by the State Government through NABARD funding since 1995-96. Funds are being provided to the State Govt. for completing / taking up new infrastructure projects in rural areas.

12.12 A number of incomplete roads and bridge projects under R.D. Department along

with new road and bridge projects have been included under RIDF schemes and are operational under different phases. Starting from RIDF-II to RIDF – XIII, 421 projects (128 roads with length of 1,487.949 km and 293 bridges) were sanctioned with revised project cost of Rs.736.69 crore and NABARD loan of Rs.552.33 crore. Of these, 284 projects (77 roads of 911.906 km and 207 bridges) have been completed with an expenditure of Rs.430.98 crore (Rs.125.24 crore for roads and Rs.305.74 crore for bridges) by the end of 2007-08. The remaining projects are at different stages of completion.

RURAL CONNECTIVITY THROUGH CONSTITUENCY-WISE ALLOTMENT (CWA)

12.13 The Constituency wise allocations were conceptualized to place Rs.10.00 lakh to each constituency, so that critical road projects could be taken up in rural areas in consultation with the local representative (MLA) to address the immediate needs of the locality. During 2007-08, 749 roads and 328 small cross drainages have been programmed for completion in 145 Assembly Constituencies with total allocation of Rs.14.50 crore.

- *Budget provision -Rs.1450.00 lakh*
- *Amount utilized - Rs.1450.00 lakh*
- *No. of roads to be completed – 749*
- *No. of roads completed – 749*
- *Nos. of CD projects to be completed – 136*
- *CD projects completed – 136*

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12.14 A sum of Rs.72.50 crore has been proposed for the 11th Five Year Plan out of which an amount of Rs.14.50 crore has been provided for 2008-09.

12TH FINANCE COMMISSION (TFC) GRANT

12.15 The provision in the State Government budget for maintenance of assets viz. roads and buildings was found to be inadequate. Therefore additional resources have been provided out of 12th Finance Commission grants to bridge the resource gap.

12.16 There is provision of grants of Rs.540.00 crore for maintenance of rural roads and Rs.167.14 crore for maintenance of non- residential buildings spread over a period of four years from 2006-07 to 2009-10.

12.17 During 2007-08, 293 road projects costing Rs.137.31 crore and 2,649 non-residential building projects costing Rs.49.71 crore have been taken up and works to the tune of available allotment of Rs.135.00 crore and Rs.41.78 crore respectively were targeted for completion. Against this target, 144 road projects and 2,297 buildings have been completed with an expenditure of Rs.126.09 crore.

SPECIAL REPAIR PROGRAMME, (ROADS)

12.18 During 2007-08, it was targeted to take up 2,024 projects under the programme which comprises 369.15 km of roads and 173 CD works with an allotment of Rs.54.41crore.

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Against the target, about 237.88 km of roads and 107 CD works have been completed with an expenditure of Rs.55.41 crore. The details of target and achievement are given in Table 12.3.

Table – 12.3

Achievement under special repair programme, 2007-08

Standard	Target length under repair / improvement	Cumulative achievement
Black Topping and Cement Concrete (km)	369.15	237.82
MT (km)	350.03	215.99
CD (No)	173	107

Source: Chief Engineer, Rural Works.

NATIONAL HIGHWAYS

12.19 Fifteen numbers of National Highways measuring 3591.558 km. in length are pass through 27 districts of Orissa. Out of 3591.558 km of National Highways, 3073.258 km is under the control of N.H. Wing of Works Department and 518.3 km have been transferred to National Highway Authority of India (NHAI) for up-gradation to four lanes standard under NHDP-I (Golden Quadrilateral) and port connectivity. Present lane configuration of NHs in Orissa is as follows:

Single lane	756.394 km
Intermediate lane	601.730 km.
Double lane	1706.804 km
Four lane	8.330 km

Widening of existing single/ Intermediate lane to two lanes in progress. 188.5 km.

12.20 Besides 68 works (59 roads, 5 bridges and 4 consultancies) are spilled over to 2008-

09 for execution. 17 new works have been sanctioned during 2008-09 (till November, 2008) and 20 works have been completed by end of November, 2008. Table 12.4 presents the allocation and expenditure position of development of National Highways in Orissa.

Table 12.4

Allotment of Funds and Expenditure for Development of National Highways in Orissa.

(Rs. in crore)

Year	Original		Renewal works		Flood Damaged Road		Ordinary repair	
	Allotment	Expenditure	Allotment	Expenditure	Allotment	Expenditure	Allotment	Expenditure
2001-02	46.40	46.40	21.81	21.81	13.49	13.49	11.81	11.81
2002-03	45.32	45.32	19.00	19.00	13.44	13.44	9.61	9.61
2003-04	69.97	69.67	11.00	11.00	18.42	18.42	12.54	12.54
2004-05	72.03	72.03	13.77	13.77	7.69	7.69	12.24	12.24
2005-06	67.62	67.62	18.00	18.00	9.35	9.35	13.54	13.54
2006-07	72.22	72.22	22.58	22.58	8.40	8.40	12.80	12.80
2007-08	139.71	138.87	22.76	22.66	13.00	13.00	13.65	13.65
2008-09 (up to Nov,08)	138.00	101.26	27.71	7.94	8.25	8.25	11.85	9.26

Source: Chief Engineer, N.H., Bhubaneswar.

12.21 Government of Orissa have also started preliminary works for providing a coastal highway connecting important locations along the coast line of Bay of Bengal linking Andhra Pradesh in south and West Bengal in north. The proposed coast line roads will extend over a length of about 574 km from Gopalpur in Ganjam district of Orissa to Digha in Medinapur district of West Bengal. This road is envisaged to be executed with assistance from Government of Norway. Preliminary feasibility report for construction of the said coastline road has been prepared by

M/s Sheladia Associates and Consultants (India) Pvt. Ltd.

ROAD TRANSPORT

12.22 The State Transport Authority (STA) is the apex body of Motor Vehicle Department. It looks after the administration and management of road transport sector of the State.

MOTOR VEHICLES REGISTRATION

12.23 During 2007-08, 2,22,118 new motor vehicles have been registered in the State as against 2,16,319 registered during 2006-07, showing an increase of 2.68% over the

previous year. Similarly, the total number of motor vehicles registered in the state as on 31st March, 2008 has reached 23,70,432 against 21,48,314 as on 31.03.2007 registering a growth rate of 10.34%. The total number of motor vehicles on road as on 31st March, 2008 is 20,70,216 as against 18,84,580 on March, 2007 showing an increase of 9.85% over 2006-07.

12.24 The Orissa State Road Transport Corporation (OSRTC), some urban local bodies and private bus operators have been

catering to the travel needs of people with 6,877 buses in the State during 2007-08. During 1990-91, when population of the State was 316 lakhs, the number of buses available per lakh population was only 9, and has since increased to 18 during 2007-08. Similarly, during the same period, the number of goods vehicles available per lakh population has increased from 84 to 293. Table 12.5 presents information on different types of motor vehicles on road in Orissa as on March ending from 2002 to 2008.

Table 12.5
Motor Vehicles on Road in Orissa

Type of Vehicles	Number of vehicles as on 31st March						
	2002	2003	2004	2005	2006	2007	2008
Goods vehicle	77,147	84,268	94,859	1,19,352	94130	109738	115108
Public/private bus	4,787	4,946	5,297	5,997	6,395	6699	6,877
Motor car/jeep/taxi	58,670	66,691	80,510	95,531	114,469	136792	134,960
Auto rickshaw	8,787	11,310	15,086	18,811	23,610	27314	31,700
Motorcycle/scooter/mopeds	8,26,548	9,43,178	10,64,323	12,08,210	1368209	1537758	1,691,684
Others	10,616	10,677	11,789	13,092	60,751	66279	89887
Total	9,86,555	11,21,070	12,71,864	14,60,993	16,67,564	18,84,580	20,70,216

Source: State Transport Authority, Orissa, Cuttack.

(Goods vehicles include Trucks, Lorries, Three wheelers, Tractors and Trailors etc., 'others' include Trekkers)

MOTOR VEHICLE REVENUE

12.25 During 2007-08, an amount of Rs.459.78 crore was collected as motor vehicle revenue which includes MV tax, fees and penalties. Out of the total MV revenue, a sum of Rs.225.77 crore was collected from MV Tax (49.10%), Rs.60.24 crore from Addl. Tax (13.10%), Rs.6.91 crore from Arrear Tax (1.50%), Rs.4.89 crore from penalty (1.06%) and Rs.162.34 crore as fees (35.31%). The

motor vehicle revenue receipt during 2007-08 registered a growth of 7.98% over 2006-07.

Table – 12.6
Motor Vehicle Revenue Collection in Orissa.

(Rs. in Crore)

Year	Target	Collection	% of collection	Growth rate
2004-05	320.00	338.11	105.70	20.69
2005-06	400.00	405.66	101.40	19.98
2006-07	500.00	425.80	85.20	4.97
2007-08	500.00	459.78	91.96	7.98

Source: State Transport Authority, Orissa, Cuttack

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CHECK GATES

12.26 Border check-gates play an important role in collection of motor vehicles revenue from incoming and out-going vehicles. At present 25 border check-gates are functioning in the State. During 2007-08, an amount of Rs.106.43 crore was collected through these check-gates as against Rs.99.06 crore collected during 2006-07.

ENFORCEMENT ACTIVITIES

12.27 During 2007-08 about 1,09,242 number of vehicles committing offences were detected and VCRs were issued by enforcement officers leading to a total collection of fine of Rs.3462.12 lakh. The enforcement activities for last four years are furnished below.

Table-12.7
Revenue collection on MV offences

Year	No. of offences detected	Revenue collected (Rs. in lakh)
2004-05	102019	2338.28
2005-06	117320	3752.38
2006-07	92356	2558.57
2007-08	109242	3462.12

Source: State Transport Authority, Orissa, Cuttack

PERMIT & DRIVING LICENSE

12.28 During 2007-08, 1,69,024 numbers of driving licenses have been issued and 1,15,484 numbers of licenses have been renewed as against 1,29,398 DL issued and 1,17,872 DL were renewed during 2006-07. Similarly 213 conductor licenses were issued and 914 were renewed during 2007-08 as against 249 conductor licenses issued and

1,212 licenses renewed during 2006-07. During 2007-08, 35,023 permanent route permits and 56,998 temporary route permits were issued as against 37,222 permanent and 63,060 temporary route permits issued during 2006-07.

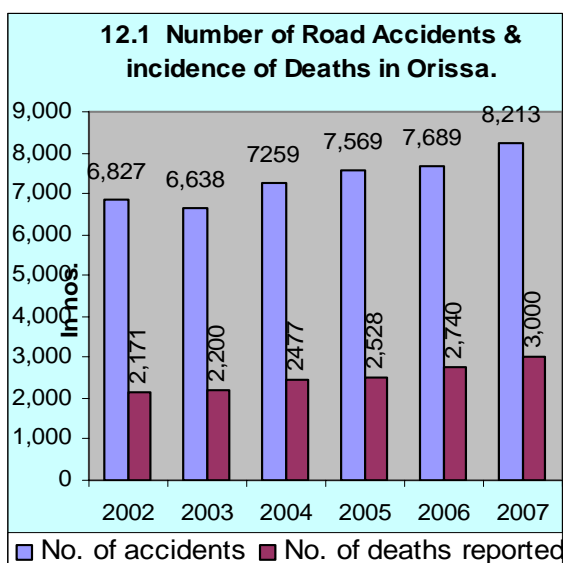
AUTOMOBILE EMISSION

12.29 Automobile emission is an environmental hazard in major towns in the State such as Cuttack, Bhubaneswar, Sambalpur, Rourkela and Berhampur. The State Government has made the 'Pollution Under Control' (PUC) certificate obligatory for all categories of vehicles since 1997. As on 31.3.2008, 79 Pollution Testing Centres, including 13 centres newly opened during 2007-08, were functioning in the State to check auto-emission levels and to issue PUC certificates to different categories of vehicles. Other preventive measures like use of gas analysers, catalytic converters and use of unleaded petrol in two and four wheelers have been initiated by the State Government to minimize the hazards of vehicular pollution.

ROAD ACCIDENTS

12.30 During 2007, 8,213 road accidents were recorded in the State, claiming 3,000 lives as against 7,689 road accidents and 2,740 deaths recorded in the previous year, i.e., while the number of accidents has increased by 6.8% over the year 2006, the number of death cases recorded due to road accident has increased by 9.5%. Again out of

8,213 road accidents occurred, 3,598 (43.8%) were on the National Highway. However, on an average, six to seven thousand road accidents are being recorded every year in the State with death cases of two to three thousands. The State Government has constituted new Motor Accident Claims Tribunals for adjudicating the claims for compensation in respect of accidents involving death or physical injuries to persons arising out of the use of motor vehicles or damages to any property of a third party. Figure 12.1 reflects the number of road accidents and deaths occurred in the state during the last six years.



Source: State Transport Authority, Orissa.

ROAD SAFETY

12.31 Road safety plays a vital role in Transport Administration. It aims at saving human lives and to protect valuable assets. The Orissa Road Safety Society, registered under Society Registration Act, 1860 under

the Chairmanship of Transport Commissioner, is working as the Nodal organization, looks after road safety aspects in the State under the guidance of State Transport Authority. The 19th National Road Safety week was observed throughout the State from 1st January 2008 to 7th January, 2008. On this occasion various programmes like holding of public meeting / Seminars / Workshops on Road Safety Sensitization training camps for transport drivers along with health checkup and eye testing were organised.

12.32 In addition to the observance of road safety week, a numbers of steps / road safety measures were also adopted with the objective of improving quality in road safety scenario in the state.

- With financial assistance of Ministry of Shipping, Road Transport and Highways, Government of India about 500 awareness programmes were organised in schools, colleges and road side villages of the state by NGOs.
- Towing of unauthorized parked motor vehicles in no parking areas are being conducted in Cuttack & Bhubaneswar.
- A sum of Rs.1.60 lakh has been released to BMC for activation of traffic lights of Acharya Vihar and Vanivihar square for better regulation of traffic.
- The work for traffic signals and road marking in important junction of Cuttack city are being conducted.
- 300 numbers of first-aid kits were distributed to Puri-bound buses at Baramunda Bus stand, Bhubaneswar and Badambadi Bus stand, Cuttack as a token of road safety measure. The kit included body / head / finger bandage, spirit, cotton wool, ointment, pain killer etc.

ORISSA STATE ROAD TRANSPORT CORPORATION (OSRTC)

12.33 The Orissa State Road Transport Corporation was formed on 01.05.1974 and started functioning w.e.f. 15th May, 1974 after taking over the assets and liabilities of the erstwhile State Transport Service. OSRTC acquired the erstwhile OSRTC Co. Ltd. effective from 16th August, 1990. The Corporation had a fleet strength of 523 at the time of its creation in 1974 which came down to 259 after merger of ORT Co in 1990.

12.34 OSRTC has been providing transport services and amenities to passengers. It is also providing concessional transport facilities to certain categories of passengers including students, cultural associations, freedom fighters, accredited journalists and physically challenged persons.

12.35 OSRTC is also operating / regulating inter-state routes with reciprocal arrangement with other states like West Bengal, Andhra Pradesh, Madhya Pradesh etc. During 2007-08, the total fleet strength of the Corporation was 259 with 231 buses (on road) plying on 96 state routes and 35 inter-state routes. The corporation carried 50.52 lakh passengers during 2007-08 as against 62.87 lakh passengers were carried during 2006-07. During 2007-08, 29 old buses have been repaired and 45 new chassis has been purchased. Body-building of 34 buses has

been completed during 2007-08 and body-building of another 15 buses was in progress.

12.36 The Corporation made a loss of Rs.552.10 lakh during 2001-02. In recent years, the Corporation has started earning profits. During 2007-08, the Corporation earned a profit of Rs.266.81 lakh as against Rs.87.17 lakh profit during 2006-07.

12.37 Voluntary Retirement Scheme (VRS) has been introduced to downsize the staff strength of the Corporation. During 2007-08, about 1,114 employees were working in the Corporation as against 1,192 employees in 2006-07 and more than 90% of their total claims have already been paid.

12.38 Private agency ticketing system has been introduced to augment income and restrict pilferage. At present, six numbers of ticket booking agents have been engaged for booking OSRTC tickets. The objectives of OSRTC for the year 2000-01 to 2007-08 are given in Table 12.8.

Table 12.8

Activities of Orissa State Road Transport Corporation.

Year	Fleet strength	No. of buses on road	Capital investment (Rs. in lakh)	Employment/staff strength	Number of passengers carried (in lakh)
2000-01	383	254	13,498.03	3,492	186.40
2001-02	297	251	13,498.03	2,419	190.55
2002-03	265	241	13,498.03	1,602	70.07
2003-04	260	233	13,498.03	1,387	58.16
2004-05	258	228	13,498.03	1336	58.41
2005-06	259	230	13,498.03	1243	55.20
2006-07	273	227	161343.70	1192	62.87
2007-08	259	231	171293.70	1114	50.52

Source: Orissa State Road Transport Corporation, Bhubaneswar.

RAIL TRANSPORT

12.39 Orissa has so far remained neglected in the field of development of railways. The existing railway lines pass through the fringes of the State leaving the central areas untouched. This inadequacy is one of the factors which had an adverse impact on the pace of infrastructural and industrial development in the State. The State had 2,339 km of railway route including 54 km of narrow gauge as on 31.03.2007. The railway route length in the State per thousand sq. km of area comes to 15.02 km. By 2005-06, a length of about 1,277 km was electrified. There are 234 railway stations and 27 passenger halts in the State during 2006-07. The railway routes passes through 23 districts of the State excluding seven districts viz.

Boudh, Deogarh, Kandhamal, Kendrapara, Malkangiri, Nawarangpur and Nayagarh.

12.40 The Railway Network in the State is being augmented as given below:

- During 2007-08, one train, i.e., Kharagpur-Balasore DMU train has been introduced effective from 09.05.2007.
- Computerized passenger reservation system has been introduced at Nayagarh and Jajpur.

PORTS

PARADEEP PORT

12.41 Paradeep Port was started by Government of Orissa in the year 1962 and was handed over to Government of India w.e.f. 1st June, 1965. It was declared as Major Port on 18th April, 1966 and the Port Trust was formed w.e.f. 1st November, 1967. It is the only major port among 11 major ports of India that belongs to Orissa.

12.42 During 2007-08, an all time record traffic of 424.38 lakh MT was handled at this port as compared to 385.17 lakh MT traffic handled during 2006-07. Out of total 424.38 lakh MT traffic handled in 2007-08, 307.42 lakh MT were foreign traffic and the balance 116.79 lakh MT were coastal traffic. During 2007-08, all time record export traffic of 255.83 lakh MT was handled through this port, while 168.37 lakh MT of import traffic

were handled. Out of total export of 255.83 lakh MT, iron ore constituted about 129.42 lakh MT (50.6%) followed by thermal coal 106.60 lakh MT (41.7%). The corresponding percentage for the year 2006-07 was recorded as 47.8% and 42.3% respectively.

12.43 During 2007-08, 1633 vessels have sailed from this port as compared to 1452 vessels in the previous year. Out of 1633 vessels sailed during 2007-08, 465 vessels were Indian and the balance 1168 was of other nationality. The Indian flagships carried 29.55% of total traffic in 2007-08 as against 31.75% in 2006-07.

12.44 The major developmental works taken-up during the year 2007-08 is as follows:

- *Deepening of channel.*
- *Extension of wet basin*
- *Incorporation of 2nd stream at existing iron ore handling plant.*
- *Creation of additional facilities for oil jetty.*
- *Replacement of wagon tippler*
- *Acquisition of floating craft*
- *Extension of iron ore berth to handle 75000 DWT vessels.*

12.45 The operating income of the Port during the year 2007-08 was Rs.639.98 crore and operating expenditure was Rs.315.79 crore. The port has earned Rs.324.19 crore as operating surplus. The net surplus for the year 2007-08 was arrived at Rs.141.93 crore.

GOPALPUR PORT

12.46 The Gopalpur Port has been handed over to Private Developer M/s Gopalpur Ports Ltd. by drawing the Concessional Agreement on 14.09.2006 on BOOST basis for expansion and development of Gopalpur Port as an all weather port. During the year 2007-08, the port has exported 138,990 MT and imported 50,449 MT of different types of cargo. Commodity- wise cargo handled by the port during 2007-08 is given below:

<u>Commodity</u>	<u>Quantity (in MT)</u>
a) <u>Exported</u>	
Illemerite	117690
Iron ore	7700
Rice	13600
<u>Total</u>	<u>138990</u>
b) <u>Imported</u>	
Anode	5349
MOP	45100
<u>Total</u>	<u>50449</u>
<u>Grand Total</u>	<u>189439</u>

DHAMARA PORT

12.47 Dhamara Port is being developed by a Private Developer named Dhamara Port Company Limited nearer to the Dhamara Fishing Harbour on BOOST basis during the 1998. The construction work of Dhamara Port is in progress.

KIRTANIA PORT

12.48 The Concessional Agreement has been signed by Government of Orissa for construction of a Port at Subarnarekha Mouth (Kirtania) on 11.01.2008 with Creative Port Developer Private Limited on BOOST basis

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for development and operation of Port at Kirtania to handle cargo of 14 MT per annum to 50 MT per annum in three phases. The first phase of development of port is likely to be completed by 2011.

ASTARANGA PORT

12.49 MOU has been signed between Govt. of Orissa and Narayana Engineering Company Ltd. for development of Astaranga port in Puri district.

DHAMARA FISHING HARBOUR

12.50 The operational activities of the Fishing Harbour, Dhamara, continued in the year 2007-08. The trend at Dhamara, both in terms of its use by Trawler Owners and collection of revenue was quite encouraging. The revenue earning from this Port during 2007-08 was Rs.65,20,431/- as against Rs. 40,62,375/- earned in 2006-07.

MODERNISATION OF INLAND WATER TRANSPORT

12.51 Inland Water Transport Services are being provided by the State Government with the support and assistance from Ministry of Surface Transport, Government of India. The Directorate of Port & Inland Water Transport is the nodal agency which controls all activities relating to passenger launch services, survey and registration of inland crafts, conducting examination of Serang, Master, Driver and Inland Engineers and preparation of schemes direction and

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conducting training for crews at Crew Training Institute. Passenger motor launch service is being provided on eight different water routes under three sectors. The Chandabali sector provides launch services from Chandabali to Aradi, Talachuan and Rajnagar while Balugaon sector provides services from Balugaon to Krushnaprasad, Kalijai, Nuapada and Satapada and Astarang sector provides services from Nuagarh to Sribantapur through 20 motor launches and 5 country boats. But after the super cyclone of 1999, ten (10) motor launches and 3 country boats are plying in these routes after necessary repairs. The motor launch services from Balugaon to Satapada, Balugaon to Nuapada and Chandabali-Rajnagar have been discontinued temporarily due to insufficient passengers and low draft of water at the lake shore. During 2007-08, about 1.08 lakh passengers availed motor launch services and an amount of Rs.18.75 lakhs was earned towards passenger fare as against 1.15 lakh passengers and Rs.17.21 lakh fare collected during 2006-07. Besides, an amount of Rs.1.78 lakhs has been collected from 164 boats towards Survey and Registration charges under Orissa Boat Rules- 2004 as against Rs. 2.18 lakh collected during 2006-07. It is observed that the passengers availing motor launch services showing a declining trend over the years as seen from the data given below.

Year	No. of Passengers (in lakh nos.)	Fare collected (Rs. in lakh)
2005-06	1.33	19.52
2006-07	1.15	17.21
2007-08	1.08	18.75

12.52 The passenger launch services in the state have been provided for better transport facilities to the weaker sections of people, where there are no road or rail transport facilities. The motor launches plying in Chandabali, Chilika and Astarang sectors are pretty old and have out-lived their life-spans, for which motor launches frequently breakdown due to mechanical troubles and need frequent repair.

12.53 In view of the above, proposal for spending a sum of Rs. 176.50 lakh has been approved by Government for acquisition of 3 50 seater and 3 nos. of 20 seaters FRP passenger boats during the current financial year 2008-09 for better transport facilities to the public on water routes.

12.54 Further, NABARD has sanctioned a loan amounting to Rs. 388.64 lakh for construction of 7 Jetties and 7 waiting halls basing on the project report prepared by the IIT, Madras. The estimated cost of the project is about Rs. 5.31 crore. The construction works will be started shortly.

12.55 A Crew Training Institute is functioning in the State at Chandabali since 1979 and now under the control of the Directorate of

Ports and Inland Water Transport, where 10 months regular courses to 30 fresh candidates and 3 months refresher courses to 10 in-service candidates are being provided in 4 batches every year. A revised proposal for up- gradation of Crew Training Institute, Chandabali with an estimated cost of Rs.3.71 crore has been submitted to Inland Water Transport Authority of India (IWAI), Ministry of Shipping, Government of India for consideration.

CIVIL AVIATION

12.56 The Prime objective of the Directorate of Civil Aviation is to look after the use and maintenance of the State's passenger aircrafts and trainer aircrafts, training of student pilots and construction & development of air strips in the State. At present, the State has two aircrafts. There are 13 airstrips and 16 helipads in the State for landing of State Government aircrafts and helicopters. Efforts are being made to upgrade/ strengthening them for all-weather operations and the proposal for procurement of a new aircraft is under active consideration of the State Government. During 2007-08, an amount of Rs.80.50 lakh has been spent for maintenance and development of airstrips/ helipads as against Rs.80.42 lakh spent in 2006-07 for the purpose. No pilot training has been provided since last three years due to want of Pilot instructors. However, government is initiating proactive role for

functioning of Flying Training Institute through PPP on Lease Develop Operate (LDO) model.

POSTAL SERVICES

12.57 During 2006-07, there were 8,161 post offices in the State out of which 7,582 were in rural areas, while there were 1,55,204 post offices at all India level including 1,37,508 in rural areas. During 2006-07, the number of post offices per 100 sq. km. in Orissa stood at 5.2 and post offices per lakh population was 21.2. The corresponding figures at all India level stood at 4.7 and 14.04 respectively.

12.58 During 2007-08, one post office has been opened in rural Orissa, increasing the number of rural post offices to 7,583 and total post offices to 8,162. Table 12.9 summarises availability of Post Offices in Orissa.

12.59 During 2008-09, five post offices have been identified as "Aam Aadmi" post offices in the first phase and another 34 post offices will be covered under the "Aam Aadmi" project in the second phase shortly. Action is being taken to procure more business in Rural Postal Life Insurance, Postal Life Insurance etc. Postal facilities available in Orissa and at all India level are given below.

Table –12.9**Availability of postal facilities in Orissa & India**

Year	Orissa			India		
	R	U	T	R	U	T
2006-07	7582	579	8161	137508	17696	155204
2007-08	7583	579	8162	NA	NA	NA

Source: CPMG, Orissa

12.60 The telecommunication services network in the State is being increased over the years. During 2007-08, there were 1,159 telephone exchanges in the State and telephone facilities were available in 38,835 villages which comprise 75.6% of the total villages in the State. The total number of telephone connections in the State during 2006-07 was 16,62,037 which has increased to 19,43,240 by the end of 2007-08. This comprises 7,68,243 land lines, 10,06,084 cellular and 1,68,913 WLL connections. Besides, Public Telephone Subscriber Trunk Dialing (STD) services are now available in 24,411 stations along with 3,534 Local PTS and 903 Highway PTS. During 2007-08, there were 1,074 STD stations in the State with 4,39,312 subscribers. The following Table summarises the status of Telecommunication in Orissa.

<p>1. Number of Post Offices : 2007-08 Orissa.</p> <p>Rural : 7583</p> <p>Urban : 579</p> <p>Total : 8162</p> <p>2. Premium Postal Services Available :</p> <p>Speed Post, Express Parcel Post, Mass Mailing Service, Corporate Money Order Service and Satellite Mail Service, Greeting post, Retail post.</p> <p>3. Number of Telephone Exchanges :</p> <p>Electronic : 1159</p>	<p>4. Number of Telephone Connections :</p> <p>(i) Land line - 768243</p> <p>(ii) WLL - 168913</p> <p>(iii) Cellular - 1006084</p> <p>5. Number of villages covered with telephones</p> <p>Total number of villages covered : 38835</p> <p>6. No. of STD stations – 1074</p> <p>No. of subscribers STD - 439312</p> <p>7. Public Telephones Service (PTS)</p> <p>(i) STD : 24411</p> <p>(ii) Local PTS : 3534</p> <p>(iii) Highway PTS- 903</p> <p>8. Telephone facilities</p> <p>(i) No. of DTOs/ CTOs/ TOs - 27/3</p> <p>(ii) No. of telecom centres - 5</p> <p>(iii) No. of combined offices - 465</p>
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Source: Chief Post Master General, Orissa, Bhubaneswar Chief General Manager, Telecom, Orissa, Bhubaneswar

