

CHAPTER 11

TRANSPORT

Transport is one of the basic infrastructures needed for generation of economic activity and for bringing about prosperity and well being in the state. The Andaman and Nicobar Islands is served by three means of transport viz. road ways, water ways (sea transport) and airways. Unlike mainland-India the Andaman and Nicobar Islands are deprived of National Highway road and rail connectivity due to its geographical dislocation.

ROAD NETWORK:-

Roads and Bridges are lifeline for transportation of goods and passengers by providing access to otherwise in-accessible terrains. Union Territory of Andaman & Nicobar Islands is located in the Bay of Bengal separated from mainland. No land connection is feasible with mainland. Roads are typically classified as; Urban Roads (Primarily Roads within Port Blair Township) and Rural Roads (roads linking villages to a trunk road or inter village road). APWD Department constructs & maintains both urban and rural roads in these islands. Now, majority of villages with population more than 500 has been provided with road connectivity through the length and breadth of the islands.

Statement 11.1
Category –wise Road Length (as on 31.3.2016)

Category	Andaman and Nicobar Islands				
	Total surfaced	Cement Concrete	Black Topped	Water Bound	Un-surfaced
National High way(No.223)	333.00	0.00	333.00	0.00	0.00
State Highway	266.00	0.00	266.00	0.00	0.00
Major District Road/Circular Road	65.67	0.00	65.67	0.00	0.00
Other District Road	66.43	0.00	66.43	0.00	0.00
Village Road	448.38	0.00	439.75	2.60	0.00
Total	1179.48	6.04	1170.85	2.60	0.00

ROAD TRANSPORT:-

The Motor Transport Department was set up in the year 1956 for providing public Transport initially for the people of South Andaman Islands. Presently Transport Department operates from 14 stations in the Northern and southern group of islands. The Department has total number of 268 buses in operation mainly in the Rural areas of Andaman and Nicobar Islands. The revenue earned by the department for the financial year 2016-17 (Upto March 2017) is Rs.19,44,32,000/- (Road Transport = Rs.16,46,49,000.00 + Taxes on vehicle = Rs.2,97,83,000.00) and a total of 1,08,02,486 passengers have travelled during the year. It is therefore evident that the Department has been making steady progress in not only providing better public transport service but also has been increasing its earnings.

State Transport Service provides satisfactory public road transport service carrying the students, patients and other commuters to their destinations in all the 12 islands. Unit wise fleet strength is furnished below:-

Statement 11.2
FLEET STRENGTH IN STS UNIT

STS Unit	FLEET STRENGTH
Port Blair	94
Ferrargunj	27
Baratang	15
Rangat	31
Mayabunder	17
Diglipur	25
Neil	04
Havelock	10
Hutbay	17
Car Nicobar	10
Katchal	02
Kamorta	04
Teressa	02
Campbell Bay	10
TOTAL	268



The Directorate of Transport under the Andaman and Nicobar Administration undertakes the following functions:

Statement 11.3

S No.	Department	Functions
1.	State Transport service	Providing economic public road transport service in all the islands wherever motorable roads exist.
2.	Motor Vehicle department	Implementation of the provisions of Motor Vehicle Act and Rules framed there under.
3.	State transport Authority	Control and regulate the transport vehicles in the UT.

Statement 11.4

Performances of State Transport Service for the last few years is shown below:-

S. No	Major Parameters	2012-13	2013-14	2014-15	2015-16	2016-17
1.	No of STS Units in A & N Islands	14	14	14	14	14
2.	Fleet Strength	227	256	258	268	268
3.	Buses under process of Condemnation	-	-	-	-	-
4.	On Road Buses	191	217	211	247	247
5.	Fleet Utilization (in %)	84	-	-	-	-
6.	Total Km Covered (in lakhs)	91.33	100.03	106.28	108.64	108.47
7.	Total Passenger Carried (in lakhs)	100.14	101.82	-	95.89	-
8.	Total Revenue Earned (in lakhs)	1524.78	1710.64	1475.67	1328.59	1688.81

9.	Average Revenue/ Month (in lakhs)	127.06	-	-	-	-
10.	Average Passenger Carried/Month (in lakhs)	8.3	16.80	14.52	81.33	15.63
11.	Vehicle Productivity (In Km)	133	-	-	-	-

Statement 11.5
Vehicles in Andaman & Nicobar Islands (in No.)

Type of Vehicle	2012-13	2013-14	2014-15	2015-16	2016-17
Motor Cycle/Scooter/Moped	60354	66520	72800	79098	86402
Lorry/Truck	2519	2564	2638	2730	2829
Bus	958	1007	1039	1074	1088
Car/ Taxi Omni & Jeep	17543	19383	21439	23334	26097
Auto	3527	3661	3826	4072	4304
Others	541	556	559	821	839
Total	85442	93691	102301	111129	121559

Statement 11.6
Data on Driving License

Items/Particulars	No. of Issued			
	2013-14	2014-15	2015-16	2016-17
License issued during	9295	10530	11055	11526
Driving License issued	100472	111002	122057	133583

Statement 11.7
Details of Motor Transport in Andaman & Nicobar Islands

Particulars	2012-13	2013-14	2014-15	2015-16	South Andaman	N&M Andaman	Nicobar
Strength of Bus fleet	460	460	425	-	-	-	-
STS Units in A&N Islands	NA	NA	14	14	05	04	05
Buses Owned by State Transport Dept.	227	227	266	268	138	103	27
Buses on Road (No.) (Govt.)	219	219	247	247	130	95	22
Buses on Road (No.) (Pvt.)	159	159	159	159	NA	NA	NR
No. of Routes Operated	126	126	-	-	73	55	17
Route Length (Km.)	0	NR	6759	6759	2424	4725	775
Distance Covered (Kms. in 'lakh)	91.33	91.33	10626903	10741726	5938478	4190042	718059
Average Daily Kms. Travelled ('000Kms.)	25.02	25.02	29112	29429	16269	11479	1967
Buses owned by Private Agencies	233	NR	159	159	987	NR	NR
Average daily passenger carried	27435	27437	23882	22103	17184	10807	1603

State Transport Service is operating 17 Nos. express buses as on 2017 which connects Port Blair to Kadamtala, Rangat, Nimbudera, Mayabunder and Diglipur in order to provide comfortable journey to the commuters especially on the long routes. To streamline and overcome the problems faced by the public road transport service in the Islands. A & N Administration appointed Central Institute of Road Transport

(CIRT), Pune to conduct Origin-Destination Survey. The Survey has been completed and report submitted which has been approved by the Administration. Survey finds that public Transport is carried out by STS buses, private buses, jeeps etc. It also reveals that over the years number of private bus operators has recorded significantly. Major reasons that could be attributed to this recording are problems in financial management, profit sharing, leakages in revenue earned and high cost of maintenance. Association of State Road Transport Union (ASRTU) is association which includes/ inter connects all States Transport Services in all over India as a member and it control/ supervise the fleet strength/ position of on road/off road buses, passengers travelled details, revenue earned details and the spare parts are also procured through ASRTU and in every year this department is paying membership fee to ASRTU. Apart from this, the ASRTU is conducting/ sponsoring/ imparting various training and the officers from this Directorate has also participated in the said trainings and recently ASRTU has hosted the 244th meeting of the Standing Committee (S & C) of ASRTU on 28th & 29th July 2016 at Port Blair.

Important suggestions of the survey are:

- Emphasis has been given on developing a strong road based public transport system with significant roll of private bus operators.
- Hiring of buses from the private bus owners on fixed per kilometer basis.
- Augment the fleet of STS by deploying additional buses to cater to the requirements of urban commuters.

Motor Vehicles

Like elsewhere in the country these Islands have also witnessed a boom in the transport sector mainly due to advancements in the automobile technology, increase in population coupled with increased buying powers of people, affordable prices etc. Year wise vehicles population and growth trend may be seen in statement given below:-

Statement 11.8

GROWTH OF MOTOR VEHICLES IN A&N ISLANDS					
Items	2012-13	2013-14	2014-15	2015-16	2016-17
No. of vehicles	85442	93691	102301	111129	121559
Increase in No.of vehicles	8379	8249	8610	8828	10430
Annual growth (%)	10.87	9.65	9.18	8.62	9.38

Like in the rest of the country these Islands have also seen an increase in the number of personalized vehicles. Efficient and good quality public road Transport service is required to control the increase in the personal vehicles.

The number of motor vehicles in March 2013 was 85442 showing an increase of 10.87% over previous year of the total number of vehicles 20.5% were light motor vehicles, 70.63% were two wheelers, 4.1% were three wheeler (Auto Rickshaws) and 4.06% motor vehicles.

Statement 11.9

Vital Statistics of the Motor Vehicle Department and State Transport Authority:

Vital Statistics of the Motor Vehicle Department:	Upto 31.6.2017
Total Vehicles Registered so far.	123707
Total driving License issued so far.	136382
HSRP Figure so far.	91950
Total private Bus permit issued so far on road	139
Total Autorickshaw permit issued so far	4800
Total contract carriage permit issued so far	4833
Total No. of Goods Carriage permit so far	3260
Total No. of License issued under Rent a motor Cycle Scheme 1997.	28

Statement 11.10

Major Key Future Projects and Status of the Department

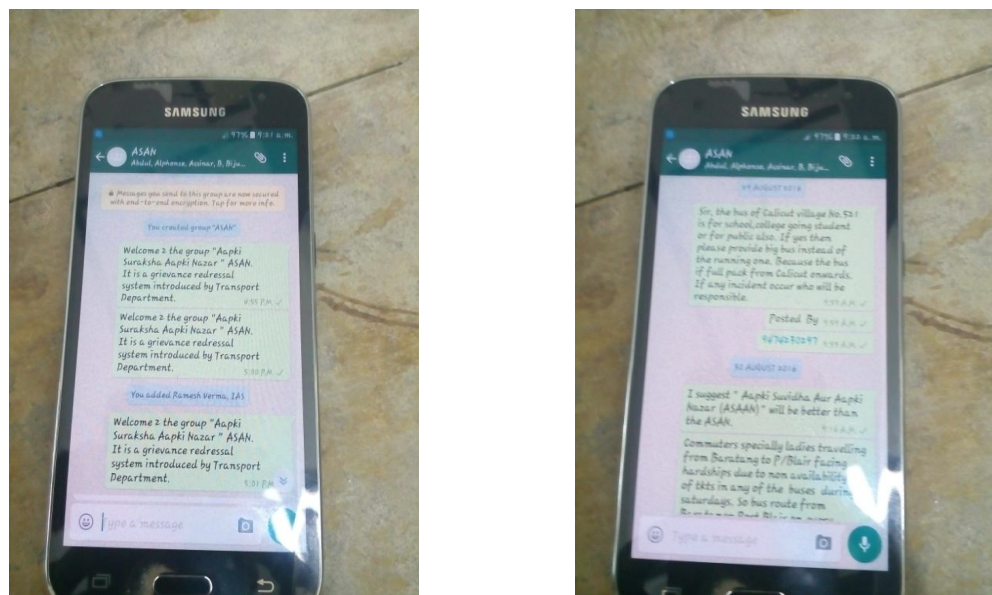
Sl. No	Name of Project(s)	Present status of the Project	% of Work Done	Remarks
1.	Procurement of 16 Nos. Long Chassis buses	In process	-	Through ASRTU Rate Contract
	Introduction of High end Luxury Buses on ATR route.	On completion of Bridges on ATR	-	-
2.	Construction of Mini Bus Terminus with the facilities of basic amenities like toilet, water etc. at Hut Bay	Work in Progress	Nearing Completion	-
3.	Construction of Toilet Block and Canteen facilities at STS unit Lucknow, Mayabunder for the benefit of the commuters of the Express bus (Way side basic amenities)	Work in Progress	38 % work completed	-
4.	Construction of Bus Terminus at Subashgram Bazaar, Diglipur.	Tender Under Process	Sanction Conveyed to APWD	Approval of survey report conveyed to APWD with the request to dismantle the old structure and to take up the work immediately.
5.	Construction of Mini Bus Terminus for parking of buses and other vehicles at Bambooflat Jetty.	The Pradhan, Shore Point handed over 0.80 Hects for the said construction at Bambooflat Jetty.	-	Estimate awaited from APWD

		Land demarcated and handed over to APWD for layout and drawing of the infrastructures.		
6.	Introduction of Electronic Bus Ticketing Machine (EBTM)	Supply order placed for 300 Nos. of Electronic Bus Ticketing Machine (EBTM) received	-	Supply order placed and EBTM received. Imparted training to all 14 STS Units and implemented EBTM in 07 STS units. Remaining STS units may be imparted training on EBTM.
7.	Construction of Bus Terminus for Long Distance Buses in the outskirts of the city.	3.00 Hects land allotted at New Pahargaon, Port Blair.	-	APWD has been requested to furnish the design
8.	Establishing separate Urban Transport Wing for the city of Port Blair(AC & Low Floor Buses will be introduced)	Land for setting up a Mini Bus Station at Bathu Basti, Parking Shed identified.	-	APWD has been requested to furnish estimate and design.
9.	Online Ticketing for Express Buses	Web based software has been designed by NIC which is to be hosted in the State Data Centre(SDC).	-	Connectivity to be established by I.T Department between STS Offices and SDC.
10.	Providing World Class Passenger amenities in the Mohanpura, Bus Terminus	Designed has been furnished by the APWD and approved by Transport Department.	-	Awaiting Estimate from APWD.
11.	Intelligent Transport Solutions	i) GPS based vehicle tracking. ii) Passenger Information System.	-	ASRTU has been requested for implementation of ITS.

MAJOR ACHIEVEMENTS OF TRANSPORT DEPARTMENT FROM AUGUST 2016 TO JUNE 2017

As a measure towards improving the service delivery to the commuters travelling in public transport buses operated by STS and to improve the grievance redressal system, the transport department has launched a new system by the name

of **“AAPKI SUVIDHA AAPKI NAZAR”(ASAN)**. The general public or the commuters access this App through mobile and send their grievances in the mobile No. 9531905403.



Conducted **“Checking Abhiyan Sugam”** w.e.f 01.09.2016 to 30.09.2016 which is in progress in all 14 STS units.



Established Canteen facilities at Mohanpura Bus Terminus Complex, Port Blair.



Urban Centric Bus Service under the banner “**Sugamya Seva**” has been introduced with the existing resource & manpower. This service has been introduced from Chatham to GB Pant Hospital with two buses i.e one for ladies exclusively and one for general commuters.





Newly constructed Mini Bus Terminus with all the facilities of basic amenities at STS Unit Hut Bay, Little Andaman has been commissioned on 19.04.2017.





A night halt bus service for Chidiyatapu has been reintroduced after a span of more than 10 years. Additional bus service was provided on 15.02.2017 in the event of Private Bus drivers and conductors union strike.



300 Nos. EBTM received during the month of May 2017 out of which 264 Nos. issued to various STS Units. Imparted training to Bus conductors of all 14 STS Units and implemented EBTMs at 7 STS Units. Remaining STS units may be implemented EBTMs very soon



New Series for M-Series was opened on 14th march 2017 and as on 21.03.2017, the total collection for Fancy registration marks stands for an amount of Rs. 11,68,510/-. The bid amount for Regn no. AN-01/M-1111 to AN-01-9999 collection was Rs. 1,11,111/-.



The Department is implementing various schemes under 12th five year plan for the development of infrastructure and strengthening of public transport service. With the successful implementation of the schemes, public transport system will further improve in this islands territory to the satisfaction of all.

The Department is implementing following schemes under 12th Five Year Plan for development of infrastructure and strengthening of public transport service.

Statement 11.11

Sl No.	Name of the Scheme	Outlay (` in lakhs)
1.	Augmentation of Road Passenger Transport	18363.00
2.	Strengthening of Workshop	2729.00
3.	Strengthening of Motor Transport Department	1008.00
Total		22100.00

With the successful implementation of the schemes, public transport system will further improve in this islands territory to the satisfaction of all.

PLAN & NON PLAN FUNDS ALLOCATED DURING THE FINANCIAL YEAR 2016-17

Statement 11.12

(Rs. In Lakhs)

Details	BE 2016-17	RE 2016-17	Expenditure upto January 2017
Plan	4387.00	4336.00	3130.86
Non Plan	3644.00	3557.00	3202.05

The total Capital Outlay of the Department for the year 2016-17 is Rs.651.00 and Revenue Outlay for the year is Rs.3685.00 in Lakhs totaling a plan outlay of Rs.4336.00 Lakhs for the year 2016-17.

Water Transport –

Shipping department plays a Pivotal role in providing sea connectivity to far flung Islands and to Mainland. Unlike Mainland-India the Andaman & Nicobar Islands are deprived of road or rail connectivity due to its geographical dislocation. The Shipping department is responsible for providing transport connectivity between inhabited Islands and three ports in Mainland viz. Chennai, Kolkata and Vizag. The maritime transportation sector comprises of shipping services for transportation of men and materials and the required infrastructure includes ports, communication, radars, jetties etc. to facilitate the shipping services.

It is the endeavor of Port Management Board to provide vibrant, efficient, safe berthing and effective passenger and cargo services for the well being and rapid progress of A&N Islands. In the Annual Plan 2016-17 the allocated Outlay for the sub-sector “Minor Port” is Rs.5647.00 Lakhs, out of which Rs.2133.00 lakhs was for the recurring expenditure and Rs.3514.00 lakhs for capital works (including an amount of Rs.655 lakhs flows to Tribal Sub-Plan. The expenditure incurred during 2016-17 was 4589.80 lakhs The Port Management Board was established in April 1989 for administering ports and harbor in the Andaman and Nicobar Islands. The shipping services require various aids for safe navigation and homing. The term ‘aids to Navigation’ includes various type of Light Houses, Light Beacons, Fog Signal, Buoys, Recons, Satellite Navigational aids etc. These are maintained and developed by Light House & Light Ships Department to match international standards. The compulsory pilotage rules have been extended to the ports of A&N Islands and accordingly vessels related charges are being levied. The charges collected under these services are:

- Port Dues.
- Pilotage.
- Tug Charges.
- Berth Hire Charges.
- Anchorage Charges.
- Beaching Charges.
- Night Navigation Charges.
- Water and mooring Charges.

The procedure for providing various types of vessels related to port services have been streamlined and this has ensured better traffic management for vessels entering and leaving the ports of A&N Islands. The mainland passenger ship plying between Port Blair Chennai/Kolkata/Vizag/ are now berthed and also routed through Mayabunder, CarNicobar, Nancowry, and Campbellbay for the convenience of local population.

Necessary facilities for anchoring are also being provided by this Board to the sailing Yachts visiting Port Blair. The Board is also providing all necessary facilities to the yachts and Cruise Liners visiting Port Blair. The Andaman and Nicobar Islands being one of the most picturesque tourist destinations.

In the country, the potential is yet fully tapped, PMB is taking proactive measures in its marketing efforts to attract more cruise liners.Total numbers of vessels called at port Blair were 5393(in) 5375(out) at Port Blair Ports.

Port Management Board (PMB) /Light House &Light Ships (LH& LS)

Statement 11.13
No. of Port/Jetties in A& N Islands as on 31.3.2017

Particulars	South Andaman	N & M Andaman	Nicobar
Minor Port/Jetties	8/25	4/14	12/13
Jetties having berthing facilities of mainland going vessels	Haddo,chatham, Hopetown	Mayabunder	Kamorta and Campbellbay
Jetties having berthing facilities of Inter Island going vessels	Phoniex Bay stg.I to stg.VI Cholunga wharf,Hut bay Break water jetty ,Havelock, Niel,	Rangat,Diglipur, Strait Island,Long Island.	Car Nicobar (Mus),Kamorta, Nancowrie,Campbellbay,Katchal ,Teressa,Gandhi Nagar.
Jetties having berthing facilities of Harbour ferry vessels	Aberdeen, Chatham Bambooflat,Panighat, Dandus point,Hathitapu,Mithak hadi,Vipar Island,Ross Island,Pongi Balu,Rut Island,Dugongcreek, Middle Strait.	East Island,Yerratta Parangara,Kalighat,shyamkund,Bor niel,Ultra,Gandhig hat,NilamburSaga rdeep.	Malacca,Car Nicobar,Chowra Island,Nancowrie(Champin),Hitui ,Munak.

Statement 11.14
Navigational Aids in Andaman & Nicobar Islands

	2012-13	2013-14	2014-15	2015-16	2016-17
1. General Navigational Aids (LH&LS)					
a. Light Houses	33	32	33	33	33
b. Radio Beacons	-	-	-	-	-
c. Recons	5	5	5	5	5
d. D.G.P.S. Station	2	3	3	3	3
e. Electrical Station(Manned)	3	4	4	4	4
Total	43	44	45	45	45
2. Local Navigational Aids (PMB)					
a. Lighted Beacons					
(i) Solar Powered Lights	31	33	37	37	39
(ii) Gas operated lights	-	-	-	-	-
b. Unlighted Beacons	1	-	-	-	-
c. Lighted Buoys	7	-	-	-	-
Port Signal Station	12	12	12	12	12
Total	51	45	49	49	51

Statement 11.15
Export & Import of commodities from A&N Islands (in MT)

Name of the items	2013-14		2014-15		2015-16		2016-17	
	Import	Export	Import	Export	Import	Export	Import	Export
Total	784050	76705	678149	75087	1218913	76974	834509	79314

Major Achievements during 2016-17

- C/o Passenger Hall cum Port Control Tower at the root of Breakwater at Hut Bay in Little Andaman.
- Procurement of Passenger Trolley.
- Attending major revamping of 45 Ton TIL Reach Stacker at Haddo Wharf.
- Special repairs to 25 Ton Texmaco Lacines Forklift at Haddo wharf in Port Blair.
- Construction and supply of 2 Mooring Boats.
- Construction of RCC road leading to Phoenix Bay Complex Terminal.
- Partial construction of jetty at Afra Bay (in progress)
- Construction of 6 out of 12 NAVAIDS at Katchal 9 (in progress).
- Acquisition of ATI land at Bambooflat for Port use.
- CCTV installed at Phoenix Bay Complex and PMB Administrative building.
- Port communication equipments (VHF sets and Walkie talkie)

2. Physical

Name of the Scheme/Projects/item covered	Unit Nos	2012-13	2013-14	2014-15	2015-16	2016-17
Procurement & Installation of XBIS for Port Blair & Havelock Ports.	Nos	02	-	-	-	-
Supply & Installation of Door Frame Metal Detector and Hand handled Metal detector at Port Blair & Havelock	Nos	02	-	-	-	-
Procurement & Installation of Plasma	Nos	02	-	-	-	-

screen TV, CCTV, Public address system, interior fountain, board& neon display board etc for new passenger hall at Haddo wharf in Port Blair.						
Bio-metric access system at Administrative building	Nos	01	–	–	–	–
Induction of CISF	Nos	01				
Re-construction of jetty approach at Aerial bay Diglipur	Nos	01				
Special repairs to PCT Chatham		–	–	01	–	–
C/o new berthing jetty at Sagar Dweep in N.Andaman	Nos	–	–		01	
Developments of harbour for inter island vessels at Katchal.	Nos	–	–		01	
Special repairs of Cargo handling equipments.	Nos	01	–	–	–	–
Special repairs & special survey of Tug MT Gaj	Nos	01	–	–	–	–
Providing berm on the sea side of breakwater at MUS in Car Nicobar upto 170m chainage	Nos	01	–	–	–	–
C/o jetty at Safed Balu in Teressa	Nos	–	–		01	
C/o three finger Jetties at Junglighat for providing berths for different category of vessels.	Nos	–	–	01	–	–
C/o Passenger hall at Hitui	Nos		01	–	–	
C/o Passenger hall at Munak	Nos		01	–	–	
C/o Passenger Hall cum PCT at Hut Bay	Nos	–	–		01	
Installation of Port Security equipment at Mayabunder& Phoenix Bay, Port Blair	Nos		01	–	–	
C/o Jetty at Hanspuri	Nos	–	–	01	–	–
C/o Jetty at Jaganathdera N&M, and Gandhinagar in Great Nicobar	Nos	–	–	02	–	–
Providing connectivity to Chingam Jetty in G.Nicobar	Nos	–	01	–	–	-
Extension of RCC berthing Jetty at Havelock	Nos	–	-	-	01	-
Re-construction of berthing head extension of jetty approach at Strait Island in S/Andaman	Nos	-	-	-	01	-
Induction of two mooring boats cum Mini Tugs	Nos	-	-	-	-	02
C/o parking area at Phoenix Bay. Sub work- Providing wearing coat on berthing Jetty No.3 at Phoenix Bay complex in Port Blair.	Nos	-	-	-	-	01
C/o mooring dolphin/ dredging of hard strata and walkway at deep water wharf at Campbell Bay	Nos	-	-	-	-	01

C/o parking area at Bambooflat, Chatham & Phoenix Bay. Sub-work-Providing RCC road leading to Fisheries Jetty at Port Blair.	Nos	-	-	-	-	01
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3. Financial Progress (Expenditure)

(Rs in Lakhs)

Year	Final Grant	Expenditure
2012-13	4386.007	4342.52
2013-14	4881.89	4873.09
2014-15	4481.00	4434.42
2015-16	5857.50	5805.52
2016-17	4713.00	4589.80

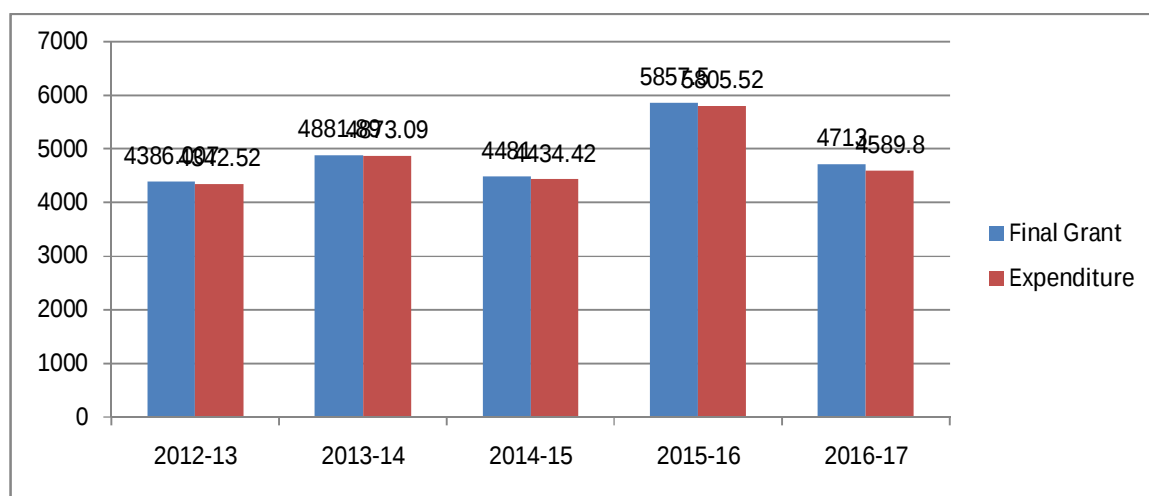


Chart 11.1

4. Statistical Tables

Vessels Called

Year	2012-13	2013-14	2014-15	2015-16	2016-17
Vessels Called (In Nos)	12,729	13894	11626	11740	12420

Cargo handled

Year	2012-13	2013-14	2014-15	2015-16	2016-17
Bulk & Break Bulk (MT)	7,75,115	8,39,759	8,04,316	9,51,702	9,71,425
Containers (TEUs)	30,883	32,329	37,002	39,2106	47,050

Passenger Transit

(in lakhs)

Year	2012-13	2013-14	2014-15	2015-16	2016-17
Passenger transit	16.58	18.71	18.53	19.22	22.30

Cruise & Yacht Traffic

(In Nos)

Year	2012-13	2013-14	2014-15	2015-16	2016-17
Cruise	05	09	05	03	09
Yacht	68	64	38	39	54

The Andaman & Nicobar being an Island territory is largely dependent on Shipping Services as the primary mode of transportation of men and material both between the Mainland India to the Islands on one side and between Islands on the other. Shipping services are therefore providing a lifeline for day to day functioning and sustenance in the Andaman & Nicobar Islands. The Administration has a total of 79 ships/ boats/ crafts of different sized and types in its inventory. The operations are divided into 4 broad sectors as follows:-

- Mainland Island Sector (5 ships) providing connectivity between Port Blair and three mainland ports of Kolkata, Vizag and Chennai.
- Inter Island Sectors (6 ships) providing connectivity between Port Blair and Nicobar Group of Islands.
- Foreshore Sector (17 ships) providing connectivity between Port Blair and close by Andaman Group of Islands.
- Harbour Sector/ Misc (52 ships) These vessels includes passenger ferries, vehicle ferries, tugs, barges and other small utility crafts providing services within the various harbours of the Andaman & Nicobar Islands.

Voyages provided in various routes:

- i) **Inter Island Sectors-** Regular Shipping Services (7-9 voyages per month) from Port Blair to Nicobar Group of Islands.
- ii) **Foreshore Sector-** - Regular shipping services from Port Blair to Havelock, Neil Long Island, Strait Island, Rangat, Mayabunder and Diglipur.
- iii) **Harbour Sector** - Providing regular connectivity within the major harbours viz. Port Blair, Nancowry Campbellbay, Diglipur and also connecting at the Middle and Humpherygunj Straits on the ATR.

With a view to augment the Shipping activities and to replace the ageing vessels the department forwarded a proposal to Ministry for acquisition of 25 Nos. vessels during 11th Plan. Ship Acquisition Committee of the Ministry has recommended acquisition of 25 vessels of various capacities. The proposal of the 11th plan has been carried forward to 12th plan.

Present status

- i) Order placed for 2x1200 pax vessels with M/S Cochin Shipyard Ltd. on 21/03/2016. 1st & 2nd stage completed 3rd stage in progress. Vessels expected date of delivery is September 2019 & March 2020 respectively.
- ii) Order placed for 2x500 pax vessels with M/S Cochin Shipyard Ltd. on 21/03/2016. 1st, 2nd & 3rd stage completed 4th stage in progress. Vessels expected date of delivery is July 2019 & December 2019 respectively.
- iii) Order placed for construction of 6x250 pax harbor craft with M/S Waterways Shipyard Ltd., Goa at a cost of Rs.35.52 Crores (5.92 per vessel) in February 2016. Model test completed at IIT Kharagpur. Keel laying of 03 vessels conducted on 02/02/2018.
- iv) Order placed for construction of 4x150 pax harbor craft with M/S Vijai Marine Shipyard Ltd., Goa at a cost of Rs.27.64 Crores (6.91 per vessels) in February

2016. Construction of all 04 vessels completed, 03 vessels delivered in January 2018 and 01 vessel likely to be delivered by April 2018.

The department is committed to provide prompt, reliable and quality shipping services to the Islanders.

Statement 11.16
Financial Progress (Expenditure) i.e. 2012-13 to 2016-17

Year	Expenditure (Rs. In Lakhs)	
	Plan	Non-Plan
2012-13	31526.85	21171.38
2013-14	33806.23	21276.91
2014-15	33293.44	31560.29
2015-16	52749.00	24998.88
2016-17	27137.16	23096.64

Statement 11.17
Pax and cargo traffic in Mainland-Island sector

Year	2012-13	2013-14	2014-15	2015-16	2016-17
Pax	113583	116740	123084	99498	67675
Cargo (MT)	19447.58	28923.01	31829.14	24777.65	14838.49

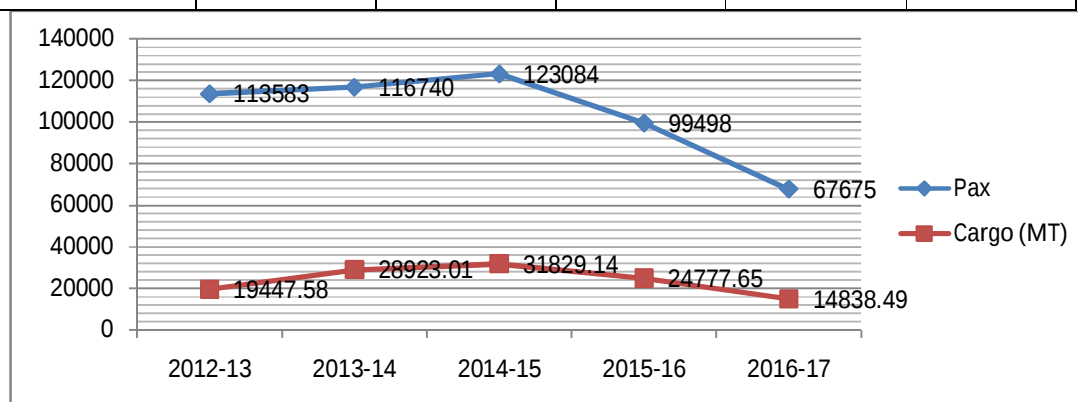


Chart No.11.2.

Statement 11.18
Pax and cargo traffic in Inter-Island sector

Year	2012-13	2013-14	2014-15	2015-16	2016-17
Pax	106750	168515	172834	160536	157294
Cargo (MT)	9376.93	9694.26	8666.47	7356.93	5426.71

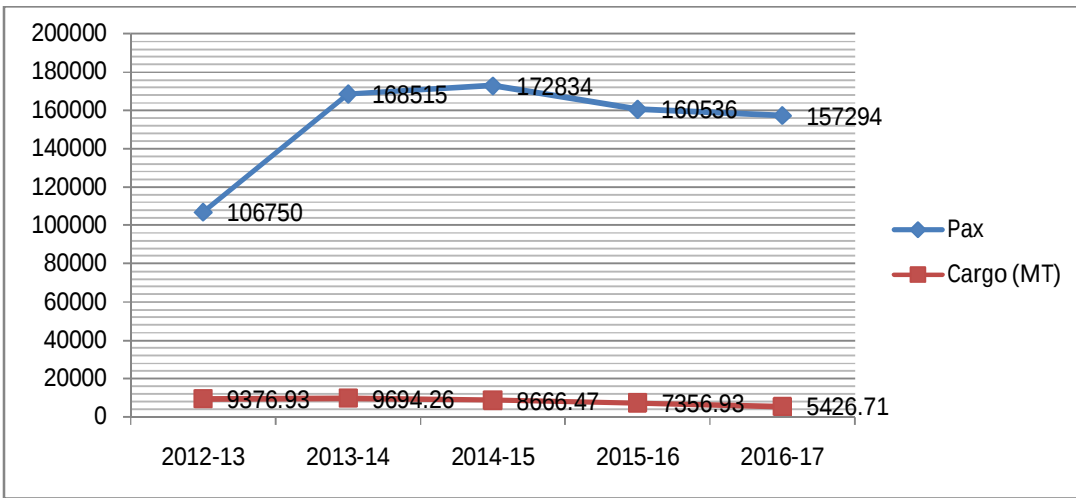


Chart – 11.3

Statement 11.19
Pax and cargo traffic in Foreshore sector

Year	2012-13	2013-14	2014-15	2015-16	2016-17
Pax	430199	401297	429087	357988	316636
Cargo (MT)	5544.37	3657.65	1246.45	1970.65	1441.59

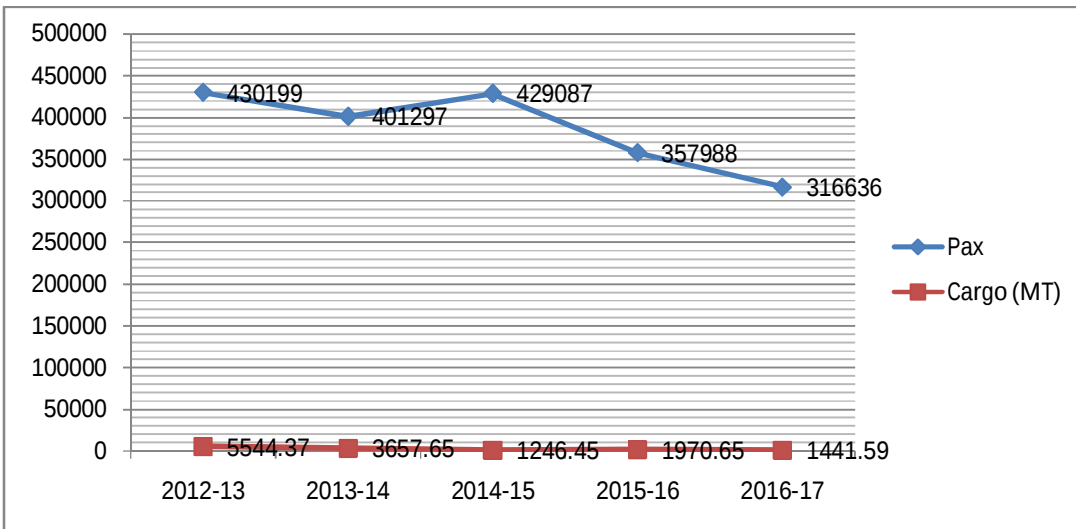


Chart – 11.4

Statement 11.20
Pax in Harbour sector

Year	2012-13	2013-14	2014-15	2015-16	2016-17
Pax	6223312	5851125	6285934	6487411	6573699

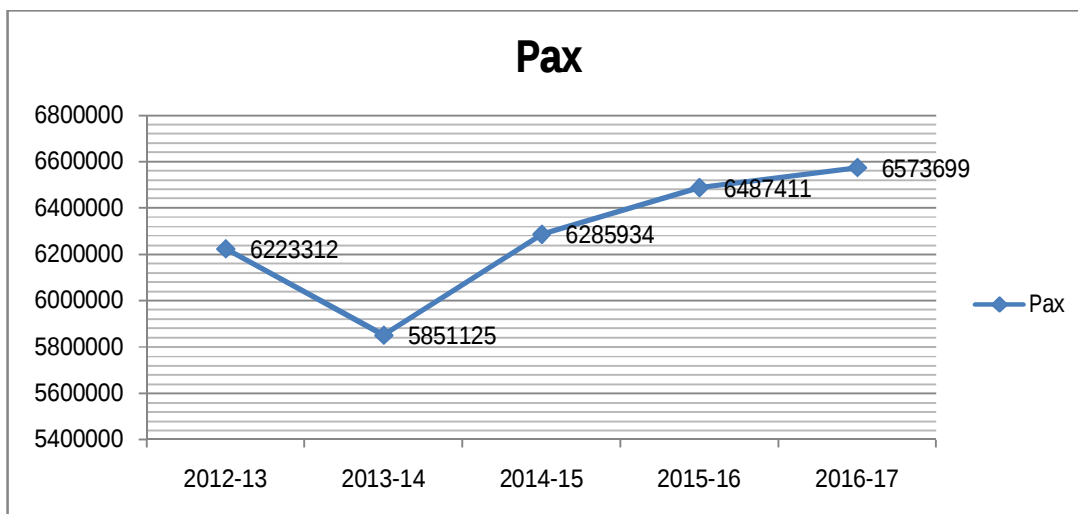


Chart – 11.5

Statement 11.21
Distance by Sea (1NM=1.852)

Distance	By Sea (in NM)	Converted into kms.
Port Blair to Chennai	756	1400
Port Blair to Kolkatta	664	1230
Port Blair to Vizag.	690	1278

Statement 11.22
No. of Voyages Performed by Mainland/Island Ships

Name of Ships	2012-13	2013-14	2014-15	2015-16	2016-17
1. M.V.Harshavardhana	18	38	37	15	45
2. M.V.Akbar	20	23	1	0	0
3. M.V.Nancowry	40	46	52	45	10
4. M.V.Nicobar	25	37	34	29	27
5. M.V.Swaraj Dweep	46	45	49	41	45
6.M.V.Campbell Bay	-	2	28	13	10

Statement 11.23
Cargo Traffic by sea between Mainland and Island (MT)

Particulars	2012-13	2013-14	2014-15	2015-16	2016-17
Import	16997.75	24099.59	25989.71	19686.84	11403.00
Export	4214.76	4823.42	5839.43	5090.81	3435.49
Total	21212.51	28923.01	31829.14	24777.65	14838.49

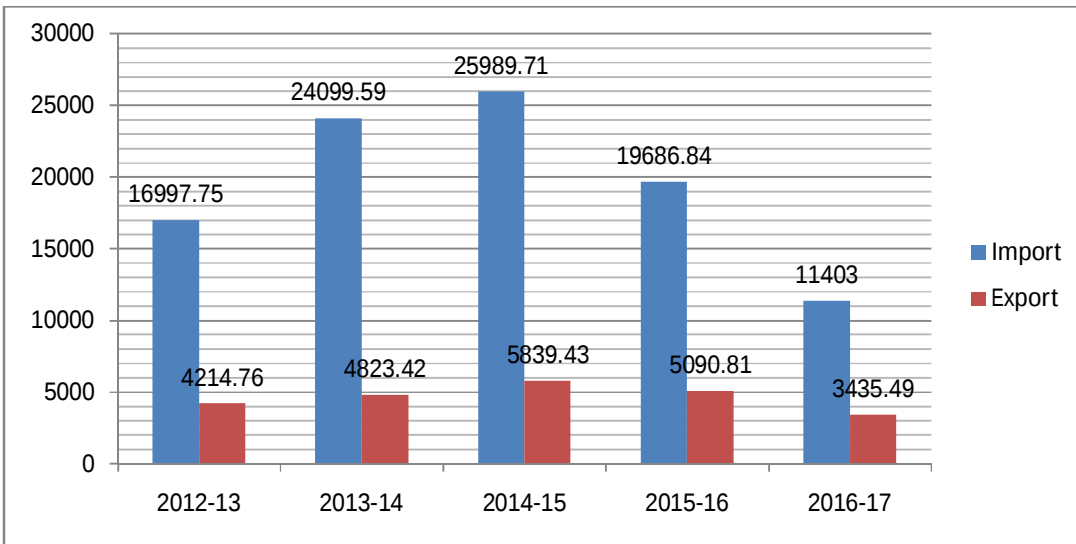


Chart 11.6

Statement 11.24
SECTOR-WISE PASSENGER TRAFFIC BETWEEN PORT BLAIR & CHENNAI / KOLKATA / VIZAG

Sector	No. of passenger		
	Embarked	Disembarked	Total
2012-13			
Chennai - Port Blair	27348	27851	55199
Kolkata - Port Blair	20239	19803	40042
Vizag - Port Blair	8902	9440	18342
Total	56489	57094	113583
2013-14			
Chennai - Port Blair	23867	30825	54692
Kolkata - Port Blair	16086	23020	39106
Vizag - Port Blair	11506	11436	22942
Total	51459	65281	116740
2014-15			
Chennai - Port Blair	25934	31701	57635
Kolkata - Port Blair	18074	23020	41098
Vizag - Port Blair	12199	12156	24355
Total	56207	66877	123084
2015-16			
Chennai - Port Blair	23048	24923	47971
Kolkata - Port Blair	13286	19056	32342
Vizag - Port Blair	8986	10199	19185
Total	45320	54178	99498
2016-17			
Chennai - Port Blair	15201	19563	34764
Kolkata - Port Blair	7992	10456	18448
Vizag - Port Blair	6027	8436	14463
Total	29220	38455	67675

Statement 11.25

**PASSENGER TRAFFIC BY INTER-ISLAND/FORESHORE/HARBOUR FERRY
SERVICES BETWEEN PORT BLAIR & OTHER ISLAND**

Item	2012-13	2013-14	2014-15	2015-16	2016-17
Foreshore Services	430199	401297	429087	357988	316636
Inter Island Services	106750	168515	172834	160536	157294
Harbour Ferry Services	6223312	5851125	6285934	6487411	6573699
Total	6760261	6420937	6887855	7005935	7047629

Statement 11.26

CARGO IN FORESHORE / INTER ISLAND AND HARBOUR SERVICES (IN MT)

Items	Year				
	2012-13	2013-14	2014-15	2015-16	2016-17
A. Foreshore Services	5544.37	3657.65	1246.45	1970.65	1441.59
B. Inter-Island Services	19376.93	9694.26	8666.47	7356.97	5426.71
Total	24921.30	13351.91	9912.92	9327.62	6868.30

Air Transport (CIVIL AVIATION)

- i) Night flights have been introduced w.e.f 20.01.2016. Presently Go Air and Air India operates night flight to Port Blair.
- ii) Chartered Flight Services started from Port Blair – Car Nicobar – Port Blair from 24/07/2014 with monthly four flights, however it is presently suspended.
- iii) Chennai – Port Blair – Chennai from 03/01/2015 with monthly six flights, Kolkata – Port Blair – Kolkata from 25/02/2016 with monthly four flights during night and Flight services between Vishakhapatnam and Port Blair from 09/04/2015 on Viability Gap Funding with 50 seats on subsidized fare for islanders.
- iv) The electronic ticketing facility of the chartered flights through Common Service Centre was launched on 23rd March 2016 to facilitate issue of chartered flight tickets for the convenience of the islanders.
- v) Passenger Safety, X-Ray Baggage Inspection System has been installed at each Port Blair, Car Nicobar, Havelock and Hutbay.
- vi) Helipad has been constructed at Baratang and Long Island.

Statement 11.27

Traffic at Veer Savarkar International Airport, Port Blair

Traffic	2012-13	2013-14	2014-15	2015-16	2016-17
Domestic					
Aircraft Movement (Nos.)	5560	5782	9642	10148	8602
Passengers (Indian & Foreigners)	637410	752007	815873	871351	863120
Cargo (in Tonnes)	2081.19	2627.369	3544	3625	3418
International					
Aircraft Movement (Nos.)	2	-	NA	13	NA
Passengers	13	-	NA	63	NA
Cargo (in Tonnes)	-	-	NA	-	NA

Statement 11.28**Name & No. of Airlines Operated 2013-14**

Name of Air lines	No .of Flights
Air India	3
Spice Jet	2
Jet Air ways	1
Jet lite	1
Go Air	2

Statement 11.29**Distance (Grid circle Distance) in km**

Port Blair- Chennai	1335
Port Blair - Kolkatta	1263

* source: Airport Authority of India (Jan. to Dec.2014)

Statement 11.30**Air Services**

Sea Plane -1 Routes-3 Helicopter-4 Routes-9

Item	South Andaman	North &Middle Andaman	Nicobar
Helipad	8	3	7

Statement 11.31**Sea Plane Traffic**

Year	Passenger Travelled		
	Islander	Non-Islander	Total
2013-14	9734	3175	12909
	Fare (₹ from Port to		
Havelock	600	4100	
Hutbay	1050	7171	