



COCHIN PORT TRUST

ADMINISTRATION REPORT AND ANNUAL ACCOUNTS 2016-17

AN ISO 9001 : 2008 PORT

WILLINGDON ISLAND, COCHIN -682009

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BOARD OF TRUSTEES OF COCHIN PORT TRUST (AS ON 31.03.2017)

MEMBERS

1 Chairman: (vacant)

2 Dy. Chairman & Chairman (i/c) Shri. Venkata Ramana Akkaraju

Sl.No	Name	Address	Representing
3	Shri Ajithkumar Sukumaran	Principal Officer-cum-Joint Director General, Mercantile Marine Dept., Willingdon Island, Cochin - 682009	Mercantile Marine Dept.
4	Dr. K.N. Raghavan, IRS	Commissioner of Customs, Custom House, Willingdon Island, Cochin-682009	Dept. of Customs
5	Shri James Varghese, IAS	Principal Secretary, Fisheries & Ports Dept., Govt. of Kerala, Thiruvananthapuram - 695001	Govt. of Kerala
6	Dr. Alok Srivastava, IAS	Additional Secretary, Ministry of Shipping, Transport Bhawan, 1, Parliament Street, New Delhi - 110001.	Ministry of Shipping
7	Capt. Varghese Mathew	Naval Officer-In-Charge, Kerala Naval Base, Cochin - 682004	Defence Service
8	DIG M.V. Pathak	Commander, Coast Guard District Headquarters No.4, Kalvathy Road, Fort Kochi - 682001.	Coast Guard
9	Shri N. Sreekumar	Chief Freight Transportation Manager, Southern Railway Headquarters, Park Town, Chennai - 600003.	Indian Railways
10	Shri P.M. Mohammed Haneef	Cochin Port Staff Association, Willingdon Island, Cochin - 682009.	Labour employed in the Port

11	Shri C.D. Nandakumar	Cochin Port Employees' Organisation, Willingdon Island, Cochin - 682009.	Labour employed in the Port
12	Shri S.M. Somashekar, IFS	Addl. Prl. Chief Conservator of Forests (C), Ministry of Environment, Forest & Climate Change, Regional Office (SZ), Kendriya Sadan, 4 th Floor, II Block, Koramangala, Bangalore – 560034.	Ministry of Environment, Forest & Climate Change
13	Shri Vijayakumar K.K.	Kompara, Anichadu (W) P.O., Kottayam.	Other Interest
14	Shri Sankar	No.1, Ratan Doss Street, West Mambalam, Chennai – 600033. (Behind Sathya Narayana Temple)	Other Interest
15	Shri Rishi Palpu	Villa No.7, Kent Hyde Park, Near Choice School, Nadama East, Tripunithura, Ernakulam District.	Other Interest
16	Shri Saji S.	Ponmelil House, Kunjanbava Road, Vytilla, Cochin – 682 019.	Other Interest

PRINCIPAL OFFICERS OF COCHIN PORT TRUST (AS ON 31.3.2017)

Chairman : Vacant
Deputy Chairman : Shri Venkata Ramana Akkaraju

GENERAL ADMINISTRATION DEPARTMENT

Secretary : Smt. Gowri S. Nair
Sr.Dy.Secretary : Smt. C. Premakumari
Sr.Dy Director (R)i/c : Shri R. Satish
Dy.Secretary (PR) : Shri Jijo Thomas
Sr.Asst.Estate Manager : Smt. Emily P.David

VIGILANCE DEPARTMENT

Chief Vigilance Officer : Shri R.Ramakrishnan, IAS
Dy. CVO : Shri G. Ramachandran

C.I.S.F

Dy.Commandant : Shri Jograj

FINANCE DEPARTMENT

Financial Adviser &
Chief Accounts Officer : Shri B. Bhagyanath
Sr.Dy.Chief Accounts Officer : Vacant
Sr. Dy. Director (EDP) : Shri M.V.Paul

CIVIL ENGINEERING DEPARTMENT

Chief Engineer : Shri G.Vaidyanathan
Dy.Chief Engineer (PP) : Shri P.M.Satish Kumar
Dy.Chief Engineer (PD) : Smt. Susamma Xavier

MECHANICAL ENGINEERING DEPARTMENT

Chief Mechanical Engineer : Shri Saroj Kumar Das
Dy.CME (M) : Shri Jose C Kappen
Dy.CME (ELE) : Shri K.Kunjali

TRAFFIC DEPARTMENT

Traffic Manager : Vacant
Sr.Dy. Traffic Manager : Shri Jimmy George
Dy. Traffic Manager : Shri Girish Thomas

MARINE DEPARTMENT

Deputy Conservator	: Capt. Gouri Prasad Biswal
Harbour Master	: Capt. Joseph J. Alappatt
Dock Master	: Capt. Sajjan K.Varghese
MMPC	: Capt. Shagi Abraham

MEDICAL DEPARTMENT

Chief Medical Office	: Vacant
Dy.CMO (GD)	: Dr.Roy Thomas
Dy.CMO (Spl)	: Dr. K.L.Muthukoya

STORES

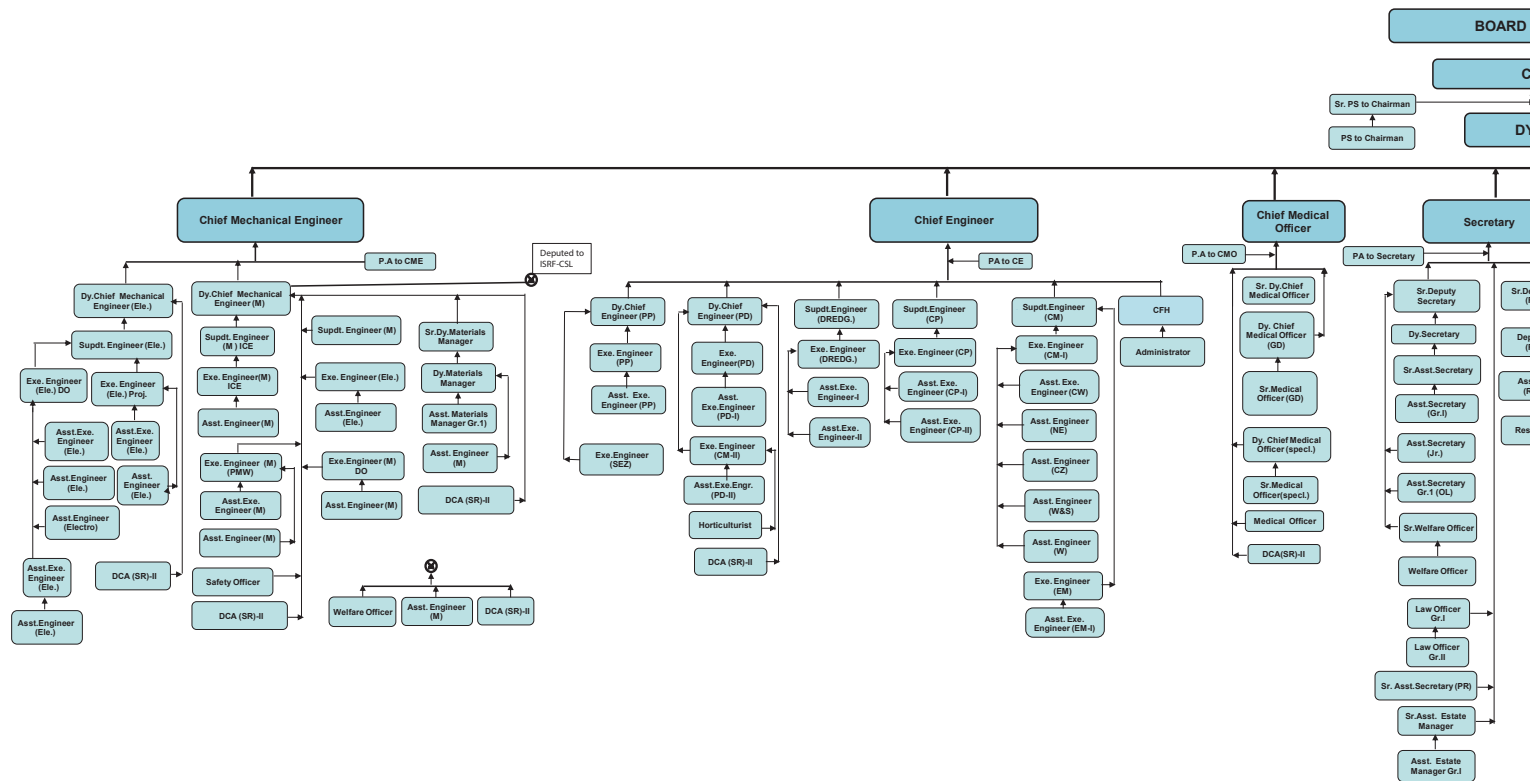
Sr.Dy. Materials Manager	: Shri K.Ramesh
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PORT OPERATIONS AT A GLANCE

	Particulars	Year	
		2016-17	2015-16
I	Traffic (lakhs tonnes) (including Container Traffic)		
	i. Export	47.59	39.14
	ii. Import	202.48	181.84
	Total	250.07	220.98
	Container Traffic (In TEU's)		
	i. Stuffed Containers		
	a) Export	145,373	124,063
	b) Import	208,633	181,762
	Total	354,006	305,825
	ii. Empty Containers		
	a) Export	101,559	81,177
	b) Import	35,522	32,548
	Total	137,081	113,725
	GRAND TOTAL	491,087	419,550
	iii. Containerized cargo handled (lakhs tonnes)		
	a) Export	22.59	18.68
	b) Import	45.81	39.17
	Total	68.40	57.85
II	Shipping		
	i) No. of ships entered	1653	1620
	ii) Total NRT (lakhs)	220.96	181.3
	iii) Avg. Detention time (hrs)	11.41	15.86
	iv) Avg. Turn-round time (days)	1.99	2.18
	v) Avg. Ship berth day (tonnes)	17450	15661
III	Finance (Rupees in lakhs)		
	i) Total operating income	49623	43725
	ii) Total operating expenditure	36851	36635
	iii) Net operating surplus	12772	7090
	iv) Net surplus/deficit under Finance & Misc. Account	(-)15489	(-)11142
	v) Net surplus	(-)2717	(-)4052
	vi) Operating ratio(%)	74	84

PART I

DESCRIPTIVE NOTES





I - MANAGEMENT

1. Board of Trustees

The names of Trustees of Cochin Port during 2016-17 are given under "Board of Trustees of Cochin Port Trust 2016-17" at page (5 to 6). There were 4 ordinary meetings and 2 special meeting of Port Trust Board during the year.

2. Organisation

The organisational set up of the Port Trust as on 31-3-2017 is shown in the organisation chart given on the facing page. The names of Principal Officers of the Port Trust are given on page (7 to 8).

3. Officers and Staff

The total sanctioned strength in the Port including Dock Labour Division was 3305 as on 31-3-2017. Employment particulars may be seen from the statement No.34 in the statistical appendix.

The total amount of salaries and wages, over time and bonus payments made to Port and Dock employees during the year was Rs.14265 lakhs as against Rs.14252 lakhs in the preceding year as may be seen from the following statement.

(in lakhs)

Item	2016-17	2015-16
1) Salaries and Wages	2,551	2,593
a) Class I & II Officers		
b) Class III & IV Staff	11,141	11,062
c) Cargo handling workers	-	-
Total	13,692	13,655
1) Over Time wages	330	335
2) Bonus	243	262
Grand Total	14,265	14,252

4. Compliance of Reservation Orders for SC/ST

Compliance of various orders on reservation for SC/ST issued by Govt. of India from time to

time was ensured by taking prompt action on all reservation orders received during the year.

5. Hindi Section

Hindi Section of the Port Trust attended to the translation of minutes of Board Meetings, Resolutions, General orders, Notifications, Annual Administration Report, Office Orders & Circulars, Rules, Regulations, Annual Accounts and Audit Report thereon with action taken note on Audit objections/observations contained in the report, questionnaires and documents of all Parliamentary Committees on various subjects, Recruitment Rules and amendments etc.

Cochin Port Trust conducted Departmental Hindi Workshops for the benefit of Officers and employees, in each quarter.

Hindi Fortnight was celebrated from 19-09-2016 to 03-10-2016. Various competitions in Hindi were held among the officers/employees such as Hindi film song, Terminology, Noting & Drafting, Recitation, Paragraph Dictation, Anthakshari. Competitions for the children of Port Employees were also conducted on various items such as Hindi song, elocution etc. for Group I & II. At the valedictory function held on 19-11-2016, prizes and certificates were awarded to the winners. Cash award and certificates to the children of Port Employees who have secured highest marks in Hindi at the CBSC/SSLC/12th Std. level were also given on the same day.

Hindi House Journal of Cochin Port Trust "Cochin Lahar" was released on 19-11-2016 by Chairman(i/c), Cochin Port Trust.

Employees were deputed for Hindi competitions in connection with Joint Hindi Fortnight Celebrations conducted from 16-11-2016 to 02-12-2016 by TOLIC (PSU) in different organizations.

Cochin Port Trust won prizes for Light Music (Male & Female). Administrative glossary & Noting and drafting, Cross word & Hindi News reading. Cochin Port Trust was awarded Rolling Trophy for Administrative glossary & Noting and drafting, Cross word (Hindi) sponsored by FACT. Cochin Port Trust was awarded with IInd place for OL Implementation and IIIrd place for House Journal "Cochin Lahar" by TOLIC.

Employees were deputed for new Pragya course which commenced from July 2016, conducted by Hindi Teaching Scheme. The examination was conducted on November 2016. One employee was nominated for the Hindi Typewriting Class under HTS commenced from 17-08-2016 at Hindi Typewriting & Stenography Training Centre, Hindi Teaching Scheme. The examination was conducted in January 2017.

6. Vigilance Department

I. Vigilance Functions:

Functions of the Vigilance Division can be broadly divided into (i) Preventive Vigilance, (ii) Punitive Vigilance and (iii) Surveillance and Detection.

a. Preventive Vigilance:

- i. Vigilance Sensitization on Disciplinary Proceedings is being given to officials of various departments. Regular as well as surprise inspections are being carried out in the areas perceived as corruption-prone. Cases detected during inspections are referred to concerned Disciplinary Authority for appropriate action or dealt with as per CVC guidelines. Also system reforms are being proposed wherever it is required.
- ii. CTE type inspection in respect of "Extension of BTP and NCB for developing Cruise Berthing Facilities at CoPT" was completed and report submitted.
- iii. Meetings with Shri K.K. Vijayakumar, IAS (Retd.), IEM of Cochin Port Trust, were

organised on 15/12/2016 and 30/03/2017 for reviewing contracts under Integrity Pact.

- iv. Scrutiny of Immovable Property returns for the year 2016 has been carried out for Class I & II officers and compliance ensured.

b. Punitive Vigilance:

Complaints received from various sources were examined and investigations done in case of verifiable allegations having vigilance angle.

c. Surveillance and Detection:

Regular as well as surprise inspections were conducted in sensitive areas of various departments of Port and observations were sent to the departments for corrective measures. Surveillance cameras installed at various locations are monitored regularly.

II. Organising Review Meetings:

Monthly review of all pending matters such as investigation reports, disciplinary cases and other vigilance complaints / cases is being conducted regularly.

III. Submission of Reports and Returns:-

Monthly reports of the work done on vigilance matters and report on disciplinary matters are being sent to CVC and MoS respectively.

Quarterly progress reports for civil, mechanical, electrical, marine and land leasing contracts and procurement of stores were sent to CTE.

Annual report of CVO, Cochin Port for 2016 was sent to the CVC.

7. Right to Information Act, 2005

Cochin Port Trust has implemented the Right to Information Act, 2005. Port had complied with the provisions pertaining to obligation of Public authorities under Section 4 of the RTI Act such as maintaining all the records, publishing the particulars of the organization functions

and duties, power and duties of officers and employees, norms etc. as prescribed by the Act and has published details in the website of the Port i.e. www.cochinport.gov.in

Secretary has been appointed as the Transparency Officer under RTI Act for Cochin Port Trust. There are 7 Central Public Information Officers and 7 Asst. Public Information Officers for the seven departments for dealing with the request for information pertaining to their respective department. Sri. A.V. Ramana, Dy. Chairman, Cochin Port Trust is the Appellate Authority under RTI Act.

Training programmes have been conducted for concerned staff on various provisions of the RTI Act and its implications. RTI Applications are being processed online and also through the portal of Govt. of India (www.rtionline.gov.in) with effect from 15th March 2017.

During the year (from 01-04-2016 to 31-03-2017), 217 applications (including 23 appeals) were

received under the Act and all applications were processed and suitably replied within the stipulated time.

8. ISO Certification

The Cochin Port Trust was further conferred ISO Certification under ISO 9001:2008 standards for a period from 21-12-2015 to 14-09-2018.

9. Management Development Programme

As part of the Port's efforts on imparting specialized training to the Port officers & staff, a number of officers and staff were deputed, for different training courses, seminars/ conferences, during the year.

One Officer was deputed for Overseas training programme as part of the management development programme.

19 in-house training programmes were also conducted in the Port Conference Hall Administration building/DLD, CoPT.



II - TRAFFIC

The total traffic handled by the Port during the year recorded an increase of 13.16% to 250.07 lakh tonnes as against 220.98 lakh tonnes handled in the preceding year. An increase of 13.31% was recorded in the liquid bulk and 18.23% in the containerized cargo as compared to the preceding year. The details of Traffic handled is given in the following statement.

(in lakhs)

	2016-17		2015-16	
	Quantity	Percentage to total	Quantity	Percentage to total
A. Bulk Cargo				
I. Liquid Cargo	166.65	66.64	147.06	66.55
II. Dry Bulk				
1. Fertilisers & its raw materials	2.51	1.00	2.52	1.14
2. Food Grains (Wheat)	1.74	0.70	0.95	0.43
3. Coal	0.44	0.18	0.88	0.40
4. Zinc Concentrate	0	0.00	0	0.00
5. Salt	1.05	0.42	1.05	0.48
6. Others	8.93	3.57	10.04	4.54
TOTAL	14.67	5.87	15.44	6.99
B. Break Bulk Cargo	0.35	0.14	0.63	0.29
C. Containerised Cargo	68.40	27.35	57.85	26.18
GRAND TOTAL	250.07	100.00	220.98	100.00

During the year foreign cargo traffic increased by 21.40 % to 179.33 lakh tonnes from 147.72 lakh tonnes in the preceding year. Coastal cargo traffic have decreased by 3.44 % to 70.74 lakh tonnes from 73.26 lakh tonnes. The details of coastal and foreign trade handled during the year compared with the preceding year are given below:

(In Lakh Tonnes)

	Export		Import		Total	
Traffic	2016-17	2015-16	2016-17	2015-16	2016-17	2015-16
Coastal	14.19	12.86	56.55	60.40	70.74	73.26
Foreign	33.41	26.28	145.92	121.44	179.33	147.72
Total	47.60	39.14	202.47	181.84	250.07	220.98

Imports

Total import traffic handled during the year recorded an increase by 11.35% to 202.47 lakh tonnes from 181.84 lakh tonnes in the preceding year. A statement showing the commodity wise imports during the year compared to preceding year is given below.

(In Tonnes)

Commodity	2016-17		2015-16	
	Quantity	Percentage to total	Quantity	Percentage to total
POL *	13376479	66.06	11930071	65.61
Fertilisers	16500	0.08	22000	0.12
Fertilisers & Raw Materials	234739	1.16	230285	1.27
Coal	44000	0.22	88250	0.49
Containers	4580515	22.62	3917183	21.54
Other Cargo	1995480	9.86	1996403	10.98
TOTAL	20247713	100	18184192	100

* includes Crude & POL

Exports

Total export traffic handled during the year showed an increase of 21.59% to 47.60 lakh tonnes from 39.14 lakh tonnes in the preceding year. A commodity wise statement of exports handled during the year compared to preceding year is given below.

(In Tonnes)

Commodity	2016-17		2015-16	
	Quantity	Percentage to total	Quantity	Percentage to total
(i) POL *	2416920	50.79	1844879	47.13
(ii) Containers				
Tea	64289	1.35	67103	1.71
Cashew Kernals	38668	0.81	50054	1.28
Sea Foods	162990	3.42	139980	3.58
Coir Products	211177	4.44	124305	3.18
Rubber & Rubber Products	62704	1.32	54416	1.39
Spices	23858	0.50	49706	1.27
Coffee	55874	1.17	54720	1.40
Others	1639727	34.45	1327541	33.92
(iii) Other bulk	82840	1.75	201413	5.15
TOTAL	4759047	100	3914117	100

* includes Crude & POL

Container Traffic

During the year the tonnage of container cargo (excluding tare weight of containers) handled increased by 18.45% to 56.69 lakh tonnes from 47.86 lakh tonnes in the preceding year. Exports in containers showed an increase by 21.17% during the year to 16.71 lakh tonnes from 13.79 lakh tonnes in the preceding year and import in containers showed an increase by 17.38% during the year to 39.99 lakh tonnes from 34.07 lakh tonnes in the preceding year as may be seen from the following statement.

(In Tonnes)

Commodities	Quantity	Percentage to total		
	2016-17	2015-16	2016-17	2015-16
Export				
Cashew Kernels	38668	50054	0.68	1.05
Coir Products	211177	124305	3.73	2.60
Pepper	14173	18746	0.25	0.39
Sea Foods	162990	139980	2.88	2.92
Tea	64289	67103	1.13	1.40
Turmeric	6824	4615	0.12	0.10
Coffee	55874	54720	0.99	1.14
Chemicals	502	737	0.01	0.02
Miscellaneous	1116018	918979	19.69	19.20
Total	1670515	1379239	29.47	28.82
Import				
Machinery	19032	7555	0.34	0.16
Cashew	89316	160107	1.58	3.35
Chemicals	3817	1737	0.07	0.04
Miscellaneous	3886360	3237155	68.55	67.64
Total	3998525	3406554	70.53	71.18
Grand Total	5669040	4785793	100.00	100.00

Total number of containers handled showed an increase to 491087 TEUs during the year from 419550 TEUs handled in the preceding year indicating an increase by 17.05% as may be seen from the following statement.

Particulars	2016-17	2015-16
I) No. of sailings of fully containerised ships	696	643
ii) No. of laden containers handled		
(a) Exports		
(i) 20 Feet	52032	43090
(ii) 40/45 Feet	46670	40487
Total	98702	83577
(b) Imports		
(i) 20 Feet	136329	116785
(ii) 40/45 Feet	36152	32489
Total	172481	149274
(c) Grand Total		
(i) No. of laden containers		
Actual Number	271183	232850
TEUs	354005	305825
(ii) No. of empty containers		
Actual Number	115879	95261
TEUs	137082	113725
Total		
Actual Number	387062	328111
TEUs	491087	419550

Total number of containers received from and dispatched to different ICD's decreased to 3788 TEUs during the year from 4550 TEUs in the preceding year. A statement showing the number of TEUs received from and dispatched to the ICD's during the year compared with preceding year is given below.

Particulars	Grand Total ICD
	No. of Containers TEUs
Received from	1786 (1664)
Despatched to	2002 (2886)
TOTAL	3788 (4550)

Note : Figures in brackets relate to previous year

CFS Facility

Facility	2016-17	2015-16
CFS Stuffing/De-stuffing (TEUs)	4673	4758
Baggage Shed De-stuffing (TEUs)	1680	1440
Q7 Yard Clearance (Boxes)	6167	7379

Cochin Port CFS registered a decrease of 1.79% in the volume of cargo containers stuffed and de-stuffed for the period April to March 2016-17 vs. the corresponding period in 2015-16.



DIAGRAM NO.1
MONTHLY VARIATION IN THE VOLUME OF TRAFFIC HANDLED DURING 2016-17

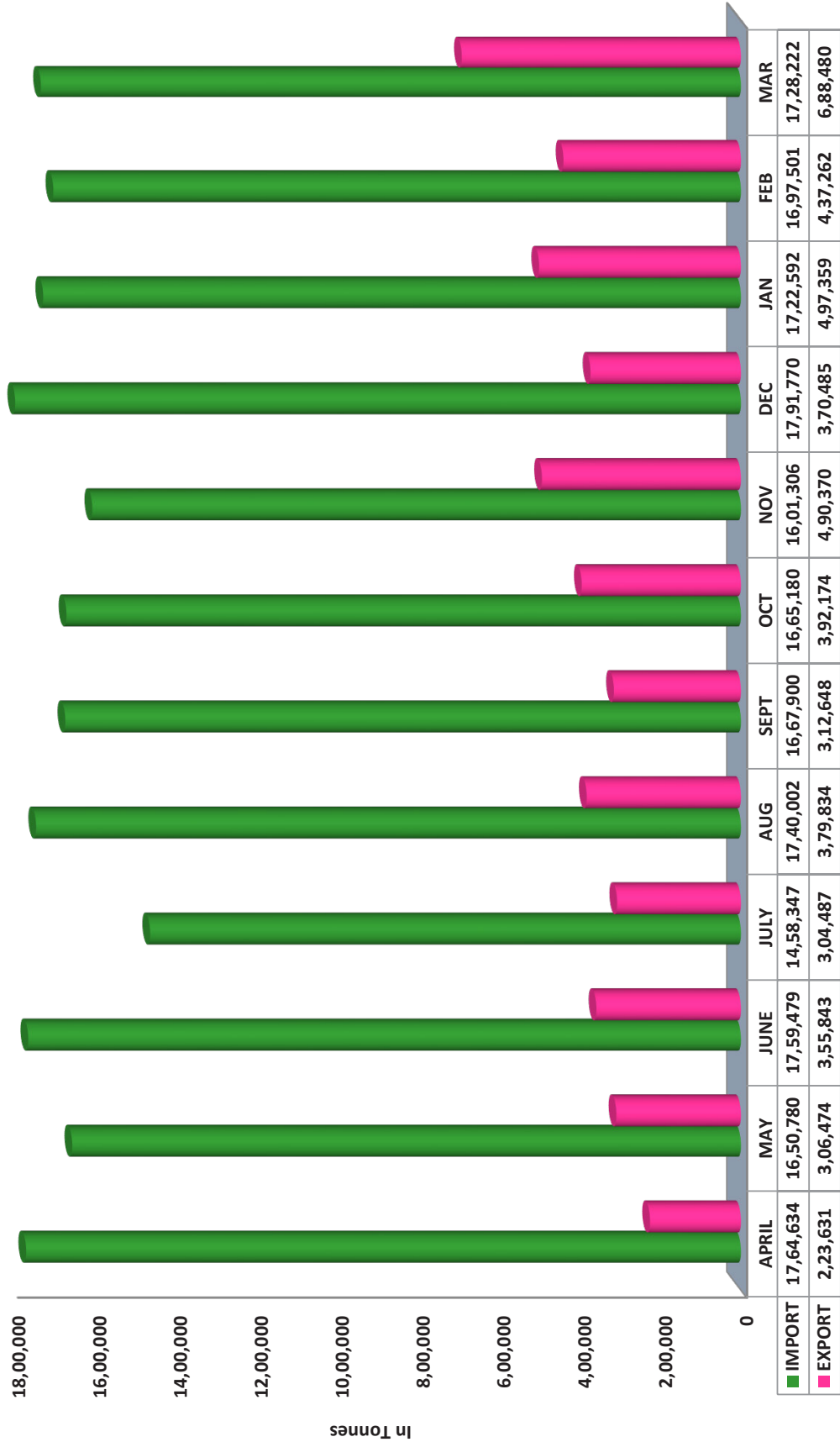


DIAGRAM No.2
PERCENTAGE COMPOSITION OF TRAFFIC DURING 2016-17

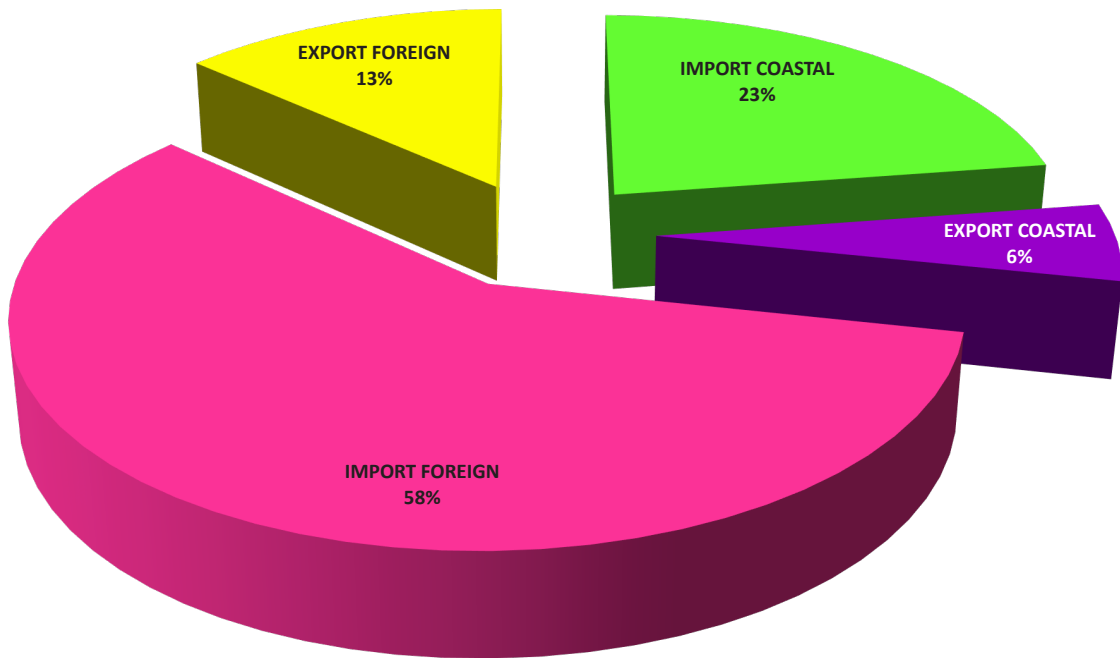


DIAGRAM NO.3
VARIATION OF TRAFFIC 2016 17

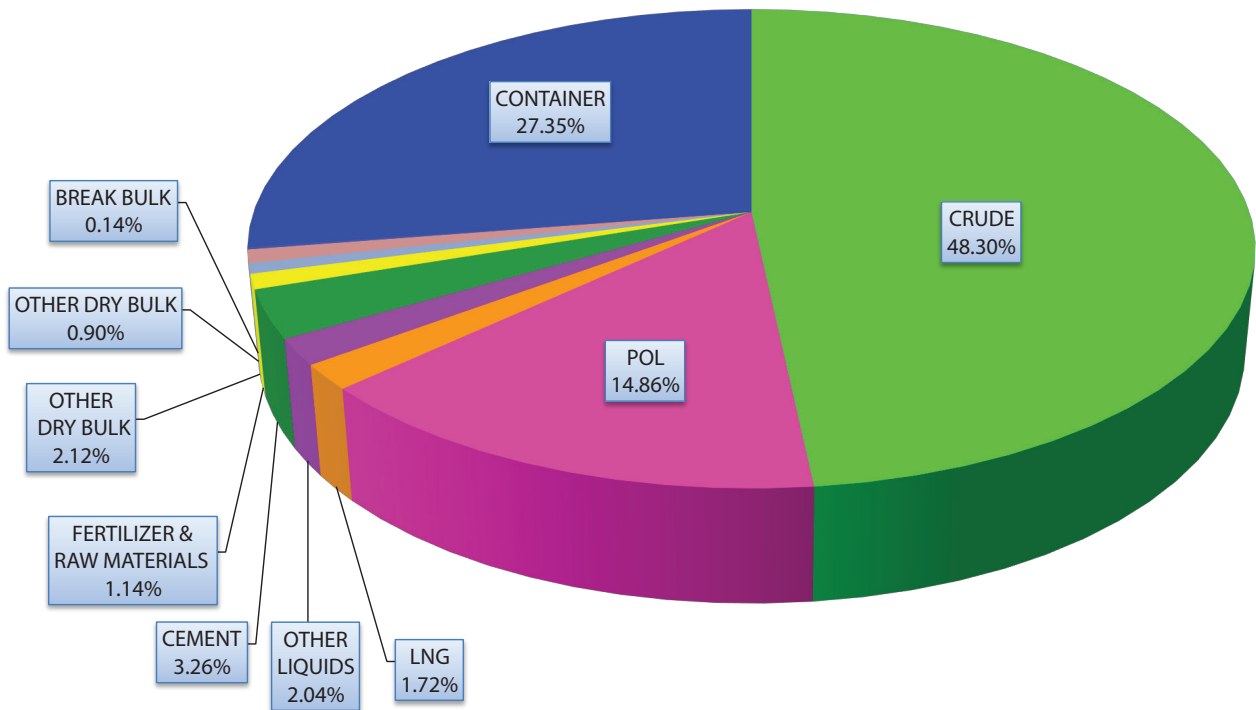


DIAGRAM No. 4
YEARLY VARIATION IN TRAFFIC



Diagram No.5
DIRECTION OF TRAFFIC DURING 2016-17



DIAGRAM No.6
CONTAINER TRAFFIC HANDLED





III - SHIPPING

During the year 2016-17, 1653 vessels called at the Port as against 1620 vessels in the preceding year registering an increase of 2.03 % in the shipping activity. The total GRT of vessels called at the Port showed an increase of 18.35% during the year over that of the preceding as may be seen from the following statements:

Year	Entered		Cleared	
	No. of Ships	GRT	No. of Ships	GRT
2011-2012	1386	24,238,401	1382	24,118,068
2012-2013	1368	26,353,149	1367	26,286,186
2013-2014	1430	27,817,009	1426	27,774,853
2014-2015	1476	28,214,806	1476	28,247,433
2015-2016	1620	35,551,325	1614	35,506,884
2016-2017	1653	42,075,111	1657	42,081,025

A category wise analysis of ships that called at the Port during the year compared with the preceding year is given below:

Type of Vessels Entered	No. of Ships		GRT	
	2016-17	2015-16	2016-17	2015-16
POL Tankers	391	398	15691350	14238825
Colliers	1	2	31538	65330
Food grains	7	3	173697	65325
Fertilizer	1	1	32795	33044
Dry Bulk	91	80	1186555	1195973
General Cargo	29	42	436257	363892
Containers	694	643	20013136	16235473
Cruise Vessels	46	33	2603503	1613337
Passengers & Others	393	418	1906280	1740126
Total	1653	1620	42,075,111	35,551,325

The number of cleared ships having GRT below 3000 showed a decrease and above 3000 showed an increase during the year compared to preceding year, which may be seen from the following statement:

GRT of Ships	2016-17			2015-16		
	Coastal	Foreign	Total	Coastal	Foreign	Total
Upto 2999	115	8	123	139	21	160
3000-6999	278	41	319	257	52	309
7000-14999	145	174	319	183	182	365
15000-39999	275	279	554	211	314	525
40000 & above	21	321	342	38	217	255
Total	834	823	1657	828	786	1614

Average GRT of ships entered and cleared showed an increase compared with the preceding year as may be seen from the statement given below:

Average GRT of Steamers		
Year	Entered	Cleared
2011-2012	17488	17452
2012-2013	19264	19229
2013-2014	19452	19477
2014-2015	19116	19138
2015-2016	21945	21999
2016-2017	25454	25396

2. Seasonal pattern of shipping (cargon vessels)

Average number of cargo vessels in Port per day was 4.52 during the year. An analysis of the month wise average of ships in Port per day at the Wharf and in stream during the year compared with the preceding year is given below:

Month & Year	2016-17			2015-16		
	At Wharf & SPM	In Stream	Total	At Wharf & SPM	In Stream	Total
April	4.03	--	4.03	4.65	--	4.65
May	4.41	--	4.41	4.47	--	4.47
June	4.85	--	4.85	4.67	--	4.67
July	3.56	--	3.56	4.09	--	4.09
August	5.06	--	5.06	4.25	--	4.25
September	4.02	--	4.02	4.21	--	4.21
October	4.80	--	4.80	4.00	--	4.00
November	5.44	--	5.44	3.76	--	3.76
December	4.99	--	4.99	4.27	--	4.27
January	4.47	--	4.47	4.38	--	4.38
February	3.73	--	3.73	4.72	--	4.72
March	4.82	--	4.82	4.66	--	4.66
Annual Average	4.52	--	4.52	4.34	--	4.34

3. Berthing distribution of vessels

Berth No.	No. of Vessels	
	2016-17	2015-16
Q1	46	1
Q2	12	46
Q3	1	3
Q4	70	64
Q5	43	36
Q6	45	54
Q7	63	62
Q8	33	46
Q9	29	57
Q10	38	33
BTP	105	96
COT	62	67
NCB	61	13
NTB	77	98
SCB	6	13
STB	3	3
LNG	7	10
UTL	156	174
V2	332	315
V3	360	321
Total -A	1549	1512
B. SPM	108	102
C. Cochin Shipyard/ Dock	0	0
Grand Total A+B+C	1657	1614

4. Berth Utilisation

Average utilization of berths / jetties during the year decreased to 45% from 53.62% in the preceding year. A statement indicating the percentage utilization of various alongside wharf berths and jetties during the year compared to preceding year is given below:

Berth Facility	Percentage of Utilization		
	No. of berths	2016-17	2015-16
Q1 - Q7	7	39.29	51.55
Q8 - Q9	2	49.76	87.88
Q10 (FACT)	1	65.62	73.00
STB & NTB	2	29.74	41.11
COT	1	51.48	47.00
BTP	1	69.57	80.00

Berth Facility	Percentage of Utilization		
	No. of berths	2016-17	2015-16
NCB & SCB	2	25.07	16.48
Vallarpadam V2 - V3	2	59.54	58.29
LNG	1	2.68	5.00
UTL	1	100.00	100.00
Total - A	20	44.63	53.65
B. SPM	1	52.60	53.00
Grand Total (A+B)	21	45.00	53.62

5. Flagwise analysis of shipping

The Nationality wise distribution of ships, which were cleared from the Port during the year compared with the preceding year, is indicated below:

Nationality of vessels	2016-17			2015-16		
	No. of cargo ships cleared	Total traffic handled (Lakhs tonnes)	% to total traffic handled	No. of cargo ships cleared	Total traffic handled (Lakhs tonnes)	% to total traffic handled
Bahamian	14	5.36	2.14	3	1.31	0.59
Cyprus	15	2.29	0.92	2	0.30	0.14
Indian	486	86.03	34.67	492	62.09	28.10
Liberian	274	51.81	20.49	208	43.33	19.61
Malta	34	15.12	6.04	19	11.12	5.03
Panamanian	121	17.90	7.09	93	13.29	6.01
Singapore	77	9.76	3.90	72	8.72	3.95
Others	195	61.80	24.75	280	80.82	36.57
Total	1216	250.07	100	1169	220.98	100

During the year Indian ships handled 34.67 % of the total traffic at the Port. Details of flag wise analysis of traffic handled are given in Statement No.7 in the Statistical Appendices.

6. Passenger traffic

Total number of passengers arrived at and sailed from Cochin Port during the year was 152311 and 156669 respectively as against 120585 and 131064 in the preceding year. Details of passenger traffic are given in Statement No.32 of the Statistical Appendices.



DIAGRAM NO.7
NO. OF SHIPS ENTERED

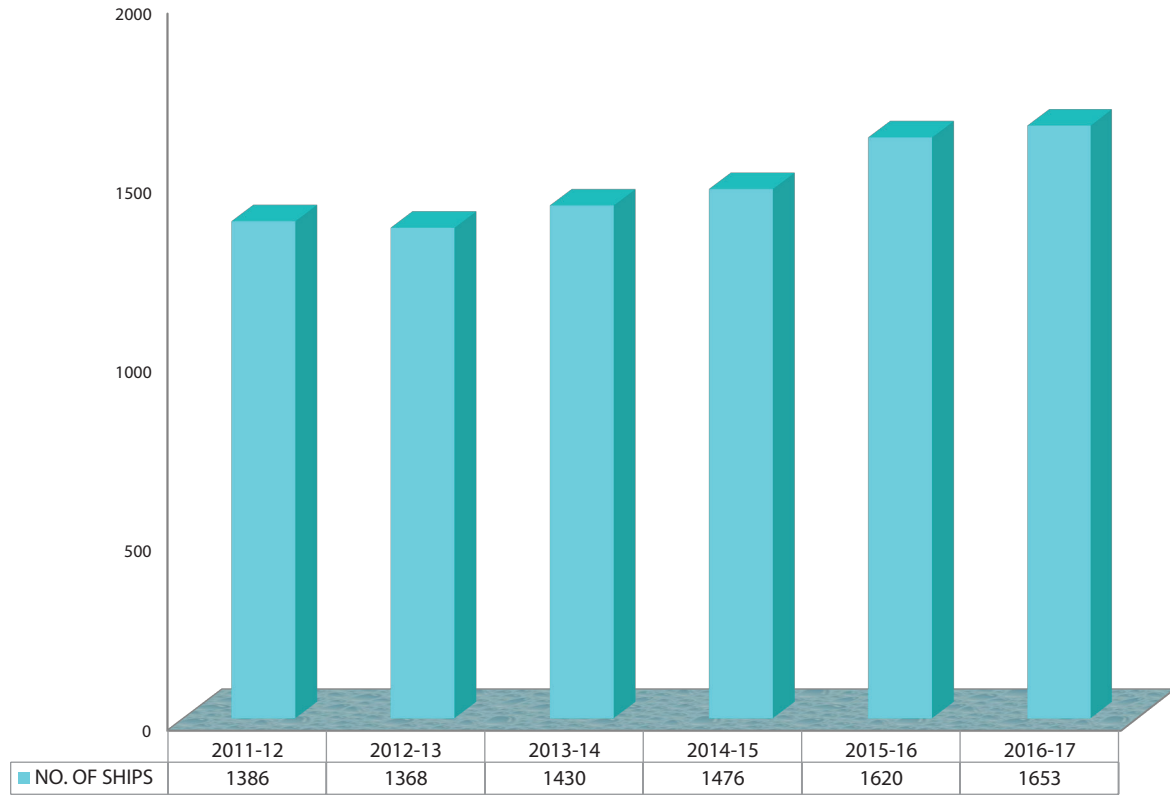


DIAGRAM NO.8
NRT OF VESSELS ENTERED

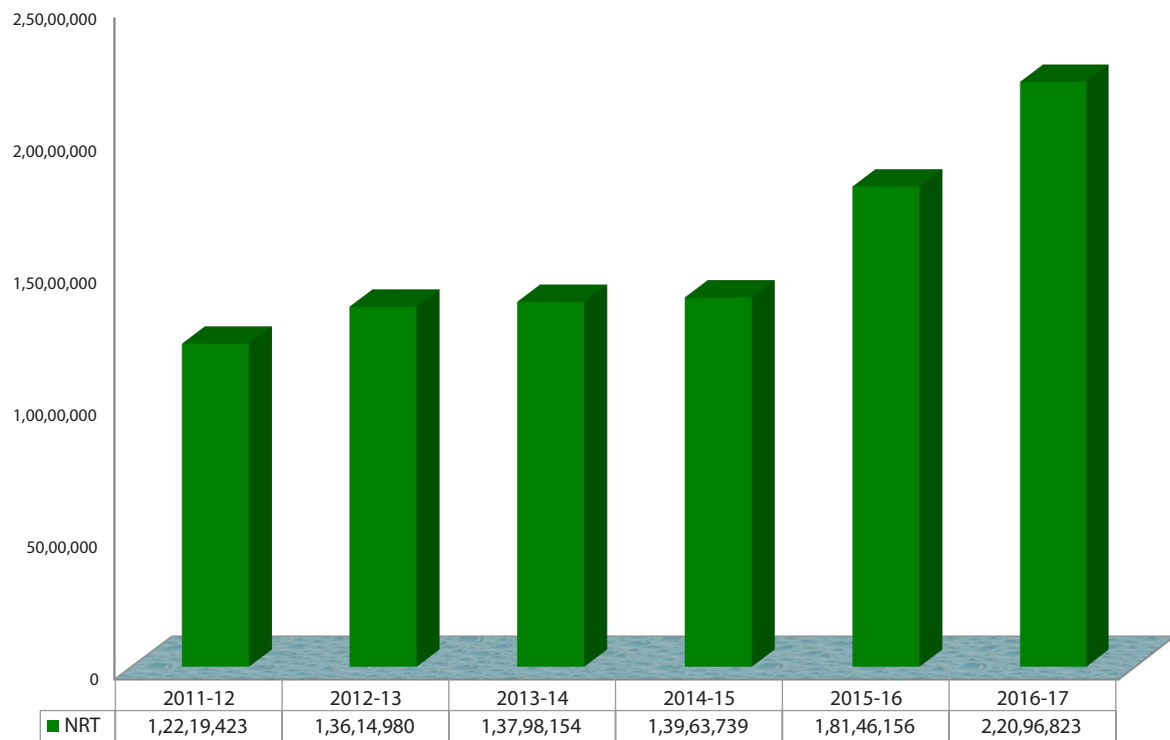
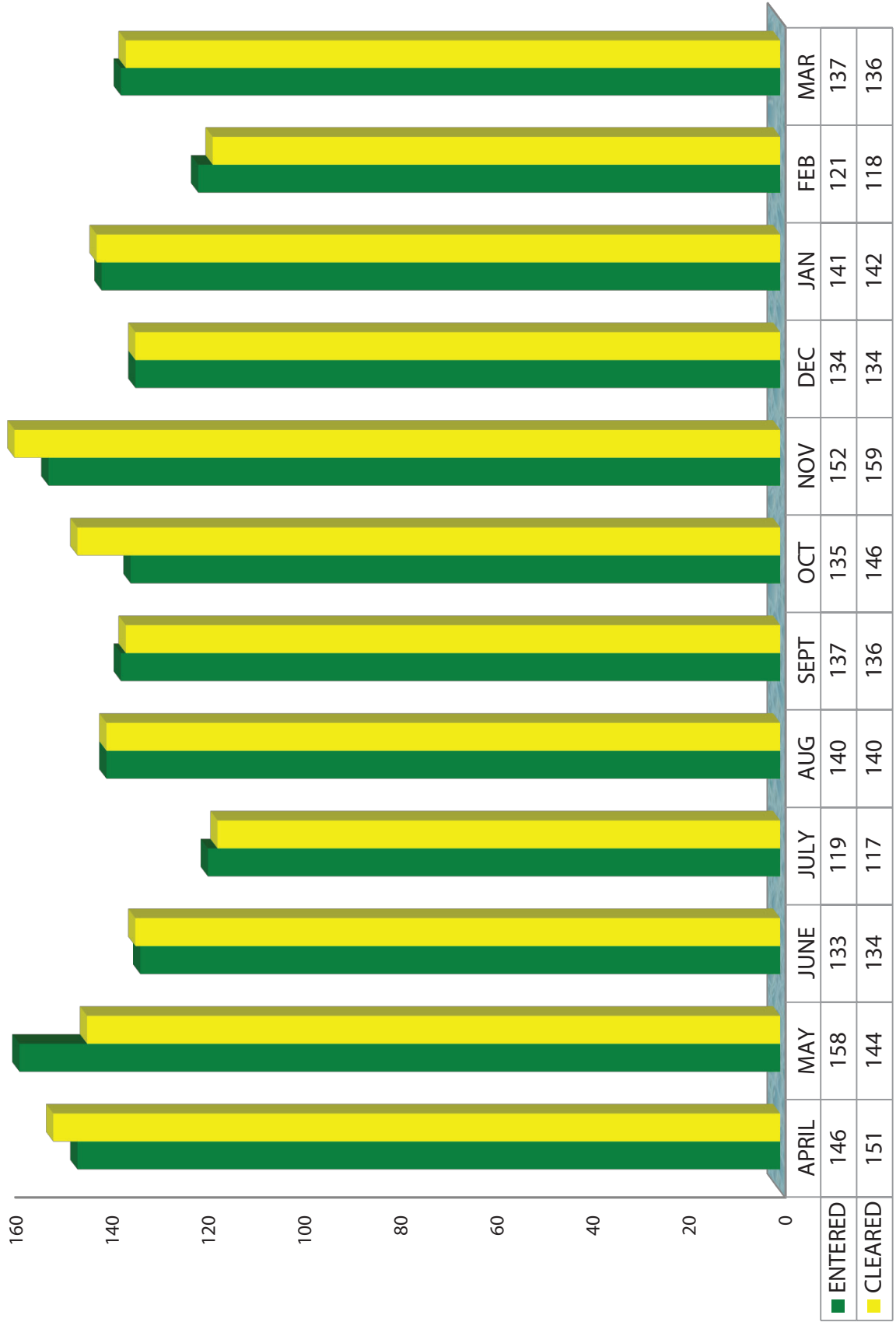


DIAGRAM NO.9
MONTHLY VARIATION OF SHIPS ENTERED & CLEARED DURING 2015-16



IV - Port Operations

During the year 2016-17, 51.90% of the traffic was handled at Wharf and 48.10% of the traffic was handled at SPM. A statement showing the tonnage handled during the year compared with the preceding year is given below.

(In Lakhs Tonnes)

Year	At Wharf			At SPM/ STS			Grand Total
	Import	Export	Total	Import	Export	Total	
2016-17	82.19	47.60	129.79	120.28	0.00	120.28	250.07
	32.87	19.03	51.90	48.10	0.00	48.10	100.00
2015-16	75.89	39.14	115.03	105.95	0.00	105.95	220.98
	34.34	17.71	52.05	47.95	0.00	47.95	100.00

2. Utilization of Cargo handling equipment

The utilization of cargo handling equipments for the year 2016-17 are given in Statement No.27 of Statistical Appendices.

3. Operational Efficiency Performance Indicators

The performance indicators for the year 2016-17 are given in Statement No.17 & 18 of the Statistical Appendices. Analyses of important indicators are given in the following paragraphs.

a) Pre-berthing waiting time

During the year 2016-17 the overall pre-berthing waiting time at outer roads per ship having cargo work decreased to 11.41 hrs as against 15.86hrs in the preceding year. A detailed analysis showing causes of detention of various categories of ships is given below.

Percentage causes for detention of ships at outer roads							
Type of Ships	Ships/ Agents option	Berth not available	Tidal/ Draft constraints	Weather constraints	Lack of night navigation	Others	Total
Break Bulk	0.12	0.00	0.00	0.00	0.00	0.00	0.12
Containers	4.97	0.00	0.01	0.00	0.00	26.39	31.37
Dry Bulk (M)	1.68	0.00	0.15	0.00	0.00	6.04	7.87
Dry Bulk (C)	0.00	0.00	0.00	0.00	0.00	0.94	0.94
Liquid Bulk	21.87	0.00	0.48	0.00	0.00	37.36	59.71
Total for 2016-17	28.64	0.00	0.63	0.00	0.00	70.72	100.00
Total for 2015-16	47.27	8.03	0.38	0.00	0.64	43.68	100.00

b) Turnaround time

Average turnaround time of ships having cargo work improved to 1.99 days during the year from 2.18 days in the preceding year. Category wise details of turnaround time of ships are furnished in Statement No.18 in the Statistical Appendices. A cause wise analysis of stay of ships at the berth during the year is given in the following statement.

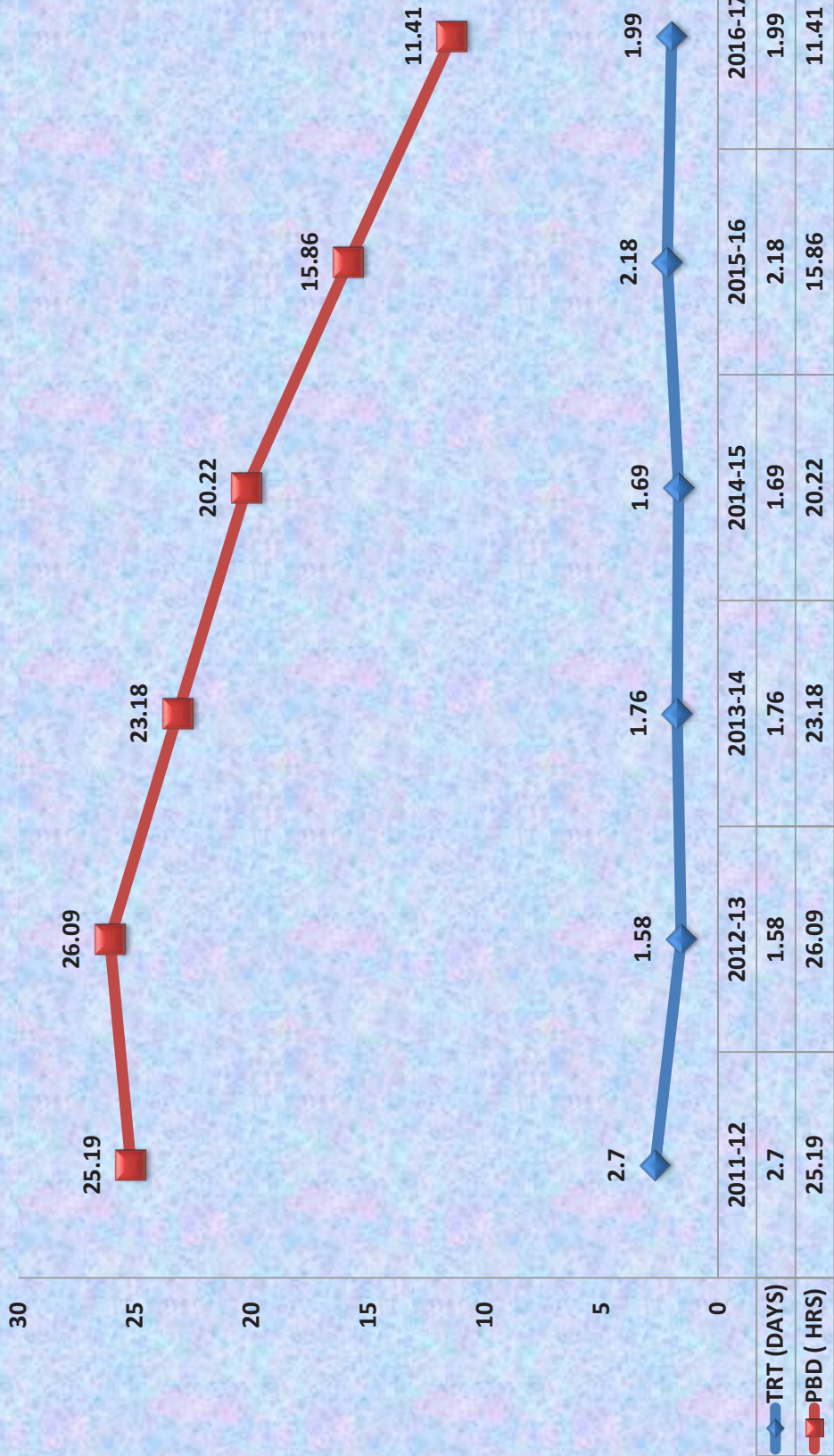
Percentage of various causal factors to total time lost	Break Bulk	Container	Dry Bulk	Liquid Bulk	Total
% of the time worked to stay at berth	100.00	75.62	98.06	87.40	86.59
% of time lost to Total stay at berth	0.00	24.38	1.94	12.60	13.41
Power Failure	0.00	0.22	0.02	0.00	0.07
Hatch opening/ Commencement of operations	2.58	0.00	0.00	0.00	0.06
Ships Account/ Agents option	32.33	16.49	52.55	27.88	27.69
Departure formalities	4.76	3.65	5.56	28.54	17.43
Strike/ Stoppage of work	0.00	0.00	0.00	0.00	0.00
Weather constraints	13.35	0.00	22.83	0.00	3.26
Equipment breakdown/ non-availability	0.46	3.97	0.35	0.00	1.27
Other reasons	46.52	8.46	9.48	13.39	4.76

c) Other salient features

Average service time for handling 1000 tons of cargo increased to 1.38 hours during the year. Average output of shore per gang shift increased to 531 tons during the year from 477.84 tons in the preceding years. The following table gives some of the important indicators in respect of shipping and traffic.

Sl.No	Indicators	2016-17	2015-16
1	Average service time per ship (total time in berth days)	1.17	1.20
2	Average service time per 1000 tonnes of cargo (in hours)	1.38	1.53
3	Average output of shore labour per gang shift (in tonnes)	531	477.84

DIAGRAM No. 10
YEARLY VARIATION IN AVERAGE DETENTION & AVERAGE TURNAROUND OF SHIPS CLEARED



The details of average productivity for effective hook hours are given below:

Sl. No.	Commodity	Average productivity per effective hook hours 2016-17
1	Break Bulk	
a)	DEFENCE CARGO	11
b)	MACHINE AND SPARE PARTS	2
c)	METALS & METAL PRODUCTS	50
d)	PROJECT CARGO	28
e)	SAIL BOAT/YACHT	15
f)	STEEL CARGO COASTAL	69
g)	STEEL PLATES	36
2	Dry Bulk	
a)	BAUXITE IN BULK	113
b)	CLINKER IN BULK	82
c)	COAL IN BULK	121
d)	IRON HYDROXIDE	100
e)	MURATE OF POTASH CONVENTIONAL	61
f)	SALT IN BULK	124
g)	WHEAT IN BULK	60

4. Handling Rate

Average output per ship berthday increased to 17450 tons during the year from 15661 Tons in the preceding year. Category wise output rates are furnished in the Statement No.22 in the Statistical Appendix.

5. Utilization of Storage facilities

The average utilization of storage area during the year was 100%. A statement showing the details of various storage facilities available and utilized during the year compared to preceding year is given below:

Sl.No	Wharf	No. in Commission		Available		Utilized	
		2016-17	2015-16	2016-17	2015-16	2016-17	2015-16
1	Mattancherry						
a)	Ware Houses	4	4	11800	11800	11800	11800
b)	Overflow Sheds	3	3	6060	6060	6060	6060
c)	Transit Sheds	3	3	13110	13110	13110	13110
Total		10	10	30970	30970	30970	30970

Sl.No	Wharf	No. in Commission		Available		Utilized	
		2016-17	2015-16	2016-17	2015-16	2016-17	2015-16
2	Ernakulam						
a)	Ware Houses	1	1	2980	2980	2980	2980
b)	Overflow Sheds	1	3	1580	1580	1580	1580
c)	Transit Sheds	1	1	3830	3830	3830	3830
Total		3	5	8390	8390	8390	8390
3	Container Freight Station						
	Warehouses	1	1	10000	10000	10000	10000
	Grand Total	14	16	49360	49360	49360	49360

6) COCHIN – THE LEADING CRUISE DESTINATION IN INDIA

Cochin Port considers cruise as a major business prospect and is committed to make Cochin Port a leading cruise destination on the Indian coast offering services of international standards. Cochin Port gets major cruise lines like Cunard Lines, Royal Caribbean Lines, Aida Cruises, Costa Cruises etc., every year. 46 Cruise vessels visited the Port in 2016-17. The leading cruise vessels like "Costa Fortuna, Queen Mary 2, Ovation of the Seas, Emerald Princess " etc. visited the Port during 2016-17. Cochin Port has setup a modern world class fully air-conditioned CRUISE PASSENGER FACILITATION CENTRE –"SAMUDRIKA", where all statutory clearances like Customs and Immigration for cruise passengers are given under single roof. Cochin Port also has a dedicated Cruise-cell available round the clock to service the exact requirements of the Cruise vessels



V - FINANCIAL POSITION

1. Profit & Loss Account

The Profit & Loss Account for 2016-17 closed with a deficit of Rs. 2,717 lakhs.

2. Operating Income

The Operating Income increased by 13.49% to Rs.49,623 lakhs during 2016-17 from Rs. 43725 lakhs during 2015-16. The activity wise details are given below:-

Rs.In lakhs

Sl. No	Operating Income	2016-17	2015-16	Percentage Increase(+) Decrease(-)
1	Cargo handling and storage charges	16,861	14,722	14.53
2	Port and Dock charges	23,275	20,118	15.69
3	Estate Rentals	9,487	8,885	6.78
	Total	49,623	43,725	13.49

3. Operating Expenditure

Operating Expenditure increased from Rs. 36,635 lakhs in 2015-16 to Rs. 36,851 lakhs in 2016-17 registering an increase of 0.59%. Activity wise details are given below:-

Rs.In lakhs

Sl. No	Operating Expenditure	2016-17	2015-16	Percentage Increase(+) Decrease(-)
1	Cargo handling and storage charges	5,503	5,524	-0.38
2	Port and Dock facilities for shipping	17,981	17,814	0.94
3	Railway workings	--	--	--
4	Rentable land and building	2,366	2,169	9.08
5	Management & General Administration	11,001	11,128	-1.14
	Total	36,851	36,635	0.59

4. Finance and Miscellaneous Income and Expenditure.

Rs. In lakhs

Sl. No.	Particulars	2016-17	2015-16	Percentage Increase(+) Decrease(-)
1	Finance & Miscellaneous Income	4,880	7,310	-33.24
2	Finance & Miscellaneous Exp.	20,369	18,452	10.39

5. Capital Debts

Total Capital Debts as on 31st March 2017 stands as Rs. 25,880.70 lakhs.

6. Capital at charge.

The value of Capital Assets (including Capital W.I.P) of the Port at original cost increased to Rs.71,367 lakhs as on 31st March, 2017 from Rs. 69,336 lakhs as on 31st March 2016 as detailed below:-

(Rs. in lakhs)

Sl. No.	Particulars	As on 31.03.2016	During the year		As on 31.03.2017
			Addition	Deletion	
1	Land	5,092	57	0	5,149
2	Capital Dredging	8,307	136	0	8,443
3	Building, Sheds & Other structures	7,036	259	1	7,294
4	Wharves, Roads & Boundaries	17,791	258	0	18,049
5	Floating Crafts	16,084	50	38	16,096
6	Docks, Seawall, Piers & Navigational Aids	1,819	0	0	1,819
7	Cranes & Vehicles	1,646	126	54	1,718
8	Plant & Machinery	3,775	78	0	3,853
9	Installations for Electricity Water, Telecommunications & Fire fighting	6,159	439	0	6,598
10	Oil pipeline installations	383	0	0	383
11	Miscellaneous	114	0	0	114
	Total	68,206	1,403	93	69,516
	Capital Work in-Progress	1,130	1,163	442	1,851
	GRAND TOTAL	69,336	2,566	535	71,367

During 2016-17 Rs.2065 lakhs was provided towards depreciation as against Rs.2090 lakhs during the year 2015-16.

7. Reserve Fund

Balance position of various Reserve Funds as on 31.03.2017 and 31.03.2016 is given below:-

(Rs. in lakhs)

Sl. No.	Name of Fund	Balance as on	
		31.03.2017	31.03.2016
1	Capital Reserves	8,484	8,484
2	Reserve for Replacement, Rehabilitation & Modernization of Capital Assets	984	984
3	Reserve for Development, Repayment of Loan & Contingencies	689	689
4	Profit & Loss Account(Accumulated Loss)	54,647	51,930
5	Provision for Depreciation	27,769	25,796
6	Employees Welfare Fund	19	17
7	Family Security Fund	2	2
8	HBA Family Benefit Fund	29	26

DIAGRAM NO.11
DISTRIBUTION OF REVENUE ACCOUNTS

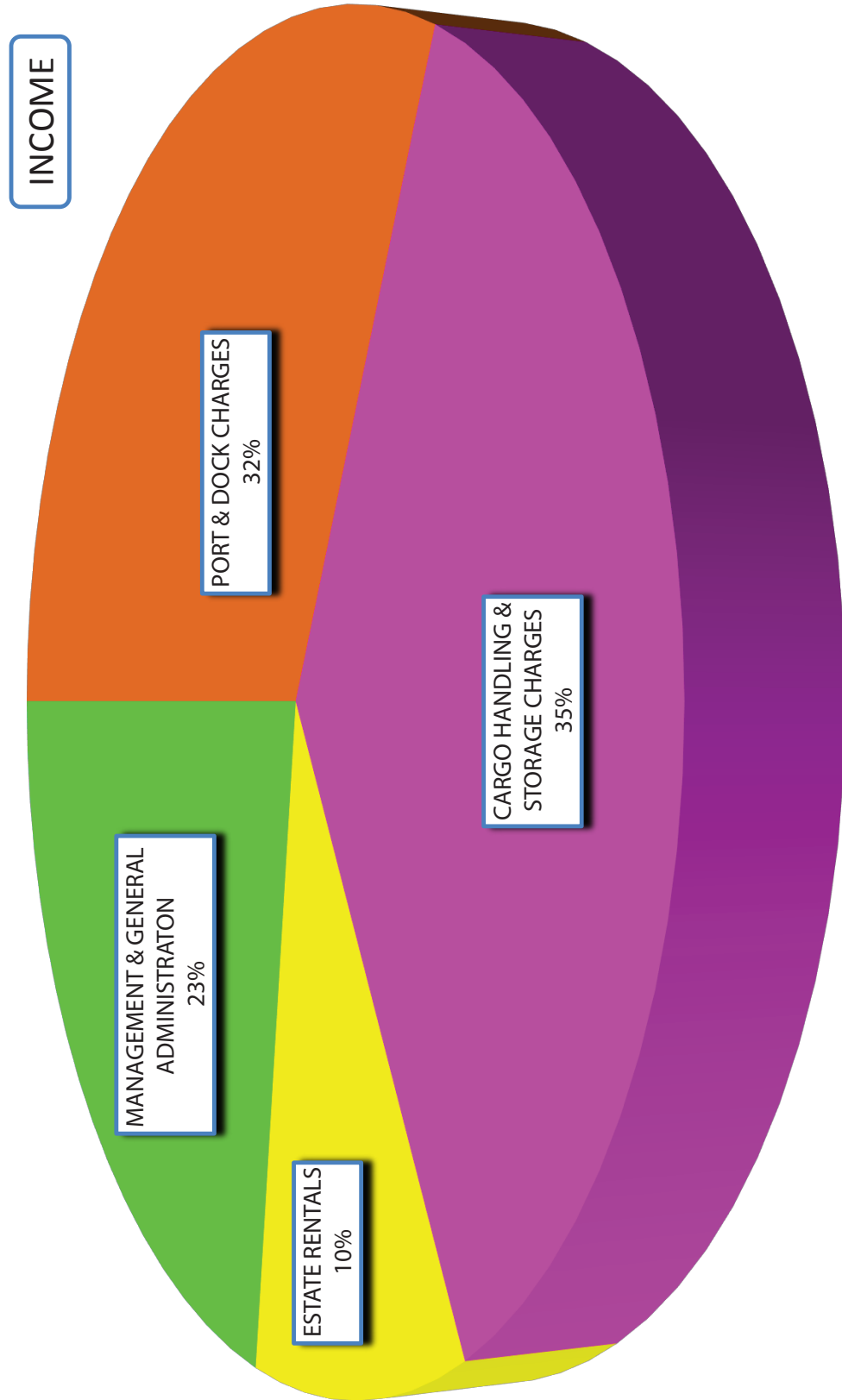


DIAGRAM NO. 12
DISTRIBUTION OF ACCOUNTS

EXPENDITURE

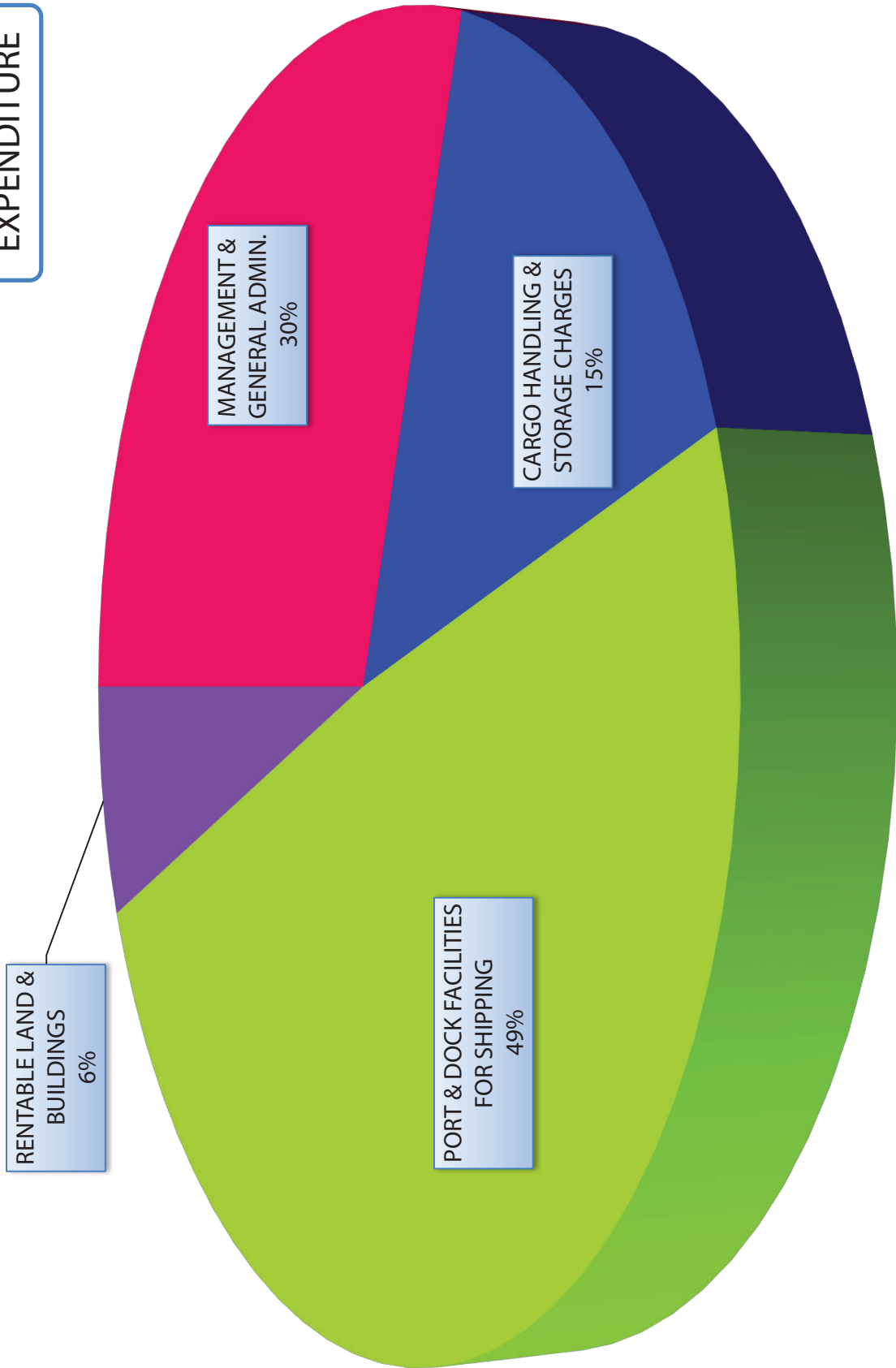
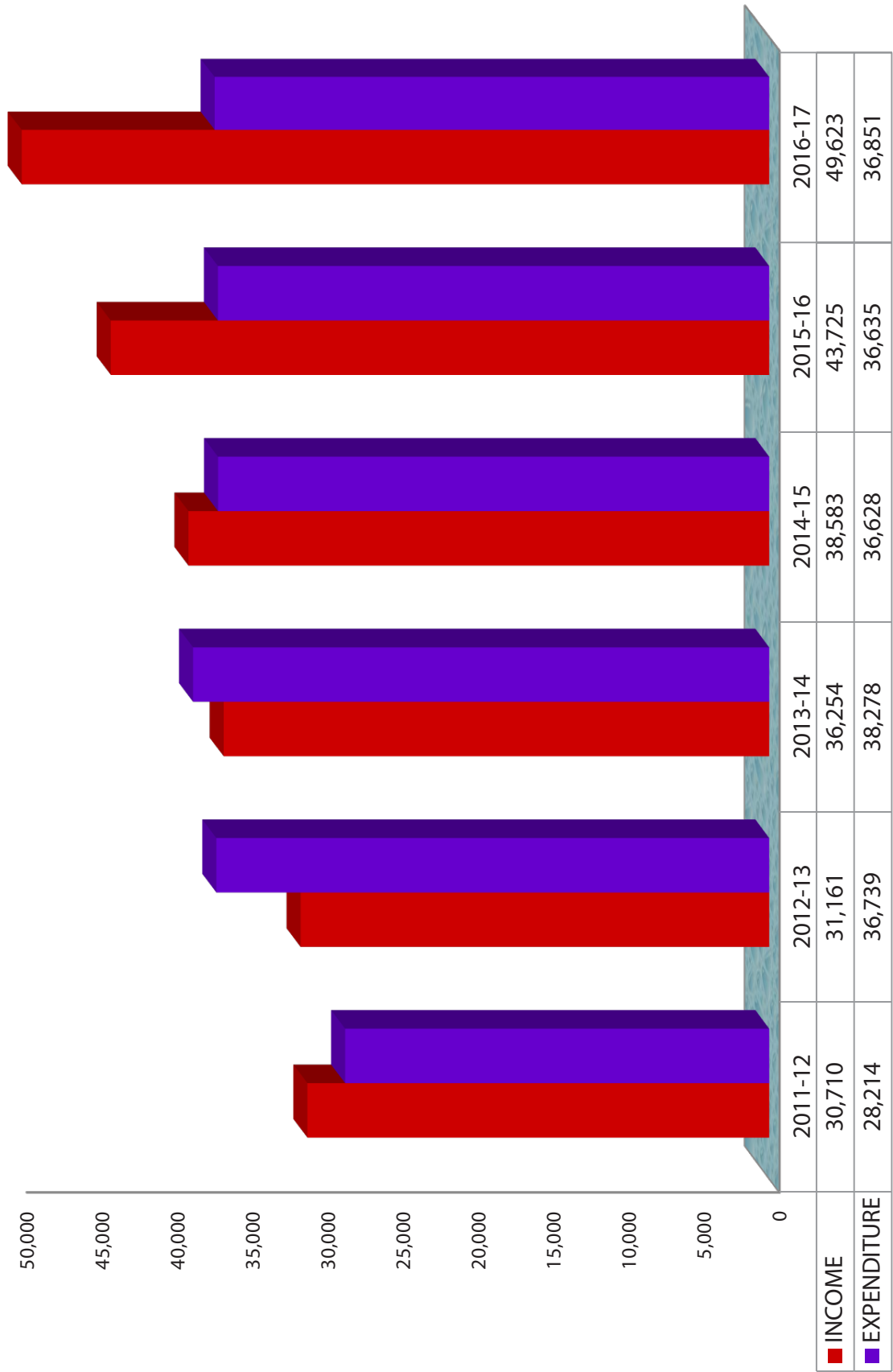


DIAGRAM NO. 13
YEARLY VARIATION IN OPERATING INCOME & EXPENDITURE



8. Working Results at a glance

The results of the financial working of the Port during the year compared to previous year are indicated below:-

(Rs. in lakhs)

Sl. No.	Financial Factors	2016-17	2015-16
1	Gross Income	54,503	51,034
2	Gross Expenditure	57,220	55,087
3	Net Surplus	-2,717	-4,053
4	Capital at charge at the beginning of the year	69,336	67,388
5	Capital at charge at the end of the year	71,367	69,336
6	Mean capital at charge	70,352	68,362
7	Capital employed	-12616	-8920
8	Return on capital employed(%)	-21.54	-45
9	Net worth	-42,657	-39,957
10	Percentage of net surplus to mean capital at charge(%)	-3.86	-5.93
11	Operating ratio (%)	74.26	83.79



VI. ENGINEERING

The approved Annual Plan Outlay for the year 2016-17 was Rs.10,857 lakhs, against this, the actual expenditure incurred during the year amounted to Rs.5,512.327 lakhs as shown below.

(Rs. in lakhs)

Scheme	Outlay for 2016-17	Expenditure during 2016-17	Percentage
GBS	7926	3736	47.14
IEBR	2931	1776.327	60.60
Total	10857	5512.327	50.77

The important works during the year included Construction of Subway/Flyover, Construction of Rail Over Bridge, R&D studies-study of siltation for implementation of nautical depth concept, Refurbishment of Coastal Liquid Terminal, Construction of Administrative & commercial offices and related facilities at PBSEZs, Providing Consultancy services for obtaining Environmental clearance for Outer Harbour, Standardization of Electrical Power supply distribution network at W/Island (Non-IPDS), Replacement and modification of cargo handling equipments and Construction of Barge Jetty at Puthuvypeen (ASIDE scheme).

XIITH PLAN

The outlay for XIIth Plan was Rs.569 Cr. The important schemes in the XIIth plan includes Procurement of 1 Electric Level Luffing/ Harbour Mobile Crane, Dredging of Channels, Rail Connectivity to the ICTT Project Site at Vallarpadam, Replacement and modification of cargo handling equipment, Conversion of existing Q4 berth in Mattancherry Wharf to Oil Berth, Providing Common infrastructure facilities, Widening to four lane and strengthening of NH 47A, Reconstruction of STB, Reconstruction of NTB, Outer harbor project for construction

of a Deep Water Port etc. The projects which are taken up with private participation include Development of an International Container Transshipment Terminal at Vallarpadam.

1. Development of Special Economic Zone (SEZ)

Government of India (GoI) had notified the areas at Vallarpadam (115.25 ha) and Puthuvypeen (285.8413 ha) as separate SEZs on 29-12-2005, under SEZ policy. However, for complying with the provisions of the SEZ Act, 2005 and subsequent SEZ Rules, which came into effect from 10-02-2006, GoI re-issued the formal approval for SEZs on 18-04-2006. GoI has also issued re-notifications as per SEZ Act, 2005 vide Gazette Notifications dated 02-11-2006.

As part of providing Common Infrastructure like Road, Drainage, Water Supply Arrangements, Power, Fencing, Gate complex etc. at PBSEZ, Puthuvypeen, construction of RCC precast drain Phase I and II having a length of 1.9 km and 1.7 Km was completed on 15-07-2014 and 13-09-2014 at a total cost of Rs.3.287 crores and Rs. 4.193 crores respectively, on cost sharing basis with the other Co-Developers viz. Petronet LNG Limited, BPCL-KR and IOCL in Puthuvypeen SEZ. Port's share towards Phase-I and II construction was Rs. 0.822 crores and Rs. 1.048 crores respectively, totaling to Rs.1.87crores. Construction of drain, Phase-III has also been taken up for Rs. 1.05 crores and completed.

In continuation to the existing two lane road connectivity at Puthuvypeen SEZ, extension for a length of 2.657 km along the eastern boundary of BPCL-KR and IOCL premises was taken up and completed on 13-09-2014 at a total cost of Rs.12.359 crores.

Construction of Administrative building was also taken up on cost sharing basis with Co-developers and the work awarded on 23-02-2016 for Rs.92.27 lakhs. Construction work completed on 29-12-2016.

2. Outer Harbour Project for construction of a Deep Water Port at Cochin Port

Cochin Port intends to develop an Outer Harbour. Conceptual studies through IIT, Madras and CWPRS, Pune show that the development of an Outer Harbour is technically feasible. Feasibility Report for the Development of an Outer Harbour in Cochin Port was got prepared through the consultants M/s i-Maritime Consultancy Pvt. Ltd, Mumbai.

Port Trust Board in its meeting held on 14-08-2014 had approved the project. The Port has submitted the project for in-principle approval of the Ministry of Shipping. Ministry had conveyed that the Government has no objection for going ahead with the Outer Harbour Project. Meanwhile, a No Objection Certificate (NOC) has been issued to the Indian Navy for developing a base on the 650 acres along the southern break waters.

MoEF & CC issued ToR for preparation of EIA report for Cochin Outer Harbour Project. The EIA study by M/s.L&T Infra Engg. Ltd. is progressing. In view of the enormity of the project and its potential impacts on the environment, revalidation of studies done by CWPRS and other studies was required to be conducted as per the ToR. Accordingly, a comprehensive study was entrusted with IIT Madras, Chennai for Rs.4.25 crores on 22-02-2016 after inviting limited tenders from 5 Government research organizations. IITM has submitted the pre-monsoon, monsoon and post-monsoon study reports with results of mathematical model studies and draft EIA report is expected in June, 2017. Meantime, CRZ map of the project has been got prepared through NCESS, Thiruvananthapuram.

Regarding bearing of expenses of breakwaters by Navy, CoPT has requested one-time payment of Rs.1070 crores for construction of northern breakwater of 4200m length, for the 260 acres of land that the Navy would get in the Southern breakwater. However, on funding for the construction of northern breakwater of the project a firm commitment from Navy is yet to be obtained.

3. Construction of Flyover & RoB at Vallarpadam

The work of providing consultancy services for design and supervision of Fly Over/ RoB entrusted with M/s. Shrikhande Consultants Pvt. Ltd, Mumbai on 22-07-2014 and the Detailed Engineering of the project by them is nearing completion.

Work order for the Construction of Fly Over & RoB was issued to the contractors M/s GPT Geo JV, Kolkatta, for an amount of Rs.59.97 crores on 17-01-2015 and the work commenced on 09-02-2015.

Flyover- Proposal for construction of a Fly Over in front of ICTT at Vallarpadam was approved by MoS on 08-10-2014 for a total cost of Rs.30 crores, out of which Rs.18.45 crores has been released by MoS. Work completed on 31-03-2017 Rs. 21.76 crores have been expended so far for this project.

RoB- MoS has been addressed for an allocation of Rs. 36.61 crores for 2016-17 for the project; Rs. 14.09 crores have been expended so far. Works on super structure except railway span is in progress. Lifting and placing of 1 span out of 3 spans of GIDA bridge No.2 is completed, others in progress. Physical progress achieved is 67.50%.

The progress is now affected for want of clearance from Railways for the super structure drawing of Railway span.

4. Study on Siltation for implementation of Nautical Depth Concept in Cochin Port Trust

As part of optimizing the dredging cost, CoPT

initiated a project for 'Study on Siltation for implementation of Nautical Depth Concept in Cochin Port'. Ministry of Shipping has approved the project at a total cost of Rs.10.73 crores, 50% of the total cost to be borne by Ministry of Shipping and the balance by CoPT. Ministry has released an amount of Rs.3.25 crores.

The work was entrusted to M/s.IIC Technologies Ltd, Hyderabad at a total cost of Rs.9.55 crores +S.T on 4-11-2014. Period of contract is 18 months. The work commenced on 22-11-2014. M/s IIC has submitted the final report on 08-03-2017 and copy of the same forwarded to MoS on the same date.

5. Implementation of EMMP

EMMP Report was prepared and approved by the Port Trust Board and also sent to Ministry on 5.9.2014.

As per the directions from the Ministry, the proposal seeking financial assistance for Green Port Initiatives for Rs.104.835 lakhs was submitted to MoS in April 2015, subsequently reminded as per various letters; sanction is awaited.

The work of 'Conducting Stack & Noise Monitoring at Cochin Port area for one year' awarded to M/s. Hubert Enviro Care Systems (P) Ltd. on 11-07-2016, the work commenced on 20-08-2016 and is in progress.

The work of "Monitoring of Ambient Air Quality at Cochin Port area for a period of Three Years (Two Years Extendable)", awarded to M/s. Hubert Enviro Care Systems (P) Ltd. on 22-12-2016. The work commenced on 11-01-2017 and is in progress.

Detailed Project Report for Providing Shore Power Supply to the UTL berth of Cochin Port Trust under Central Finance Assistance from MoS at an estimated cost of Rs.1.12 Cr. was submitted for

approval of Ministry under Green Port initiative scheme.

6. Refurbishment and Capacity Enhancement of Coastal Liquid Terminal in Cochin Port.

Ministry of Shipping had sanctioned the above project proposal for Rs.19.95 crores, with 75% financial assistance (Rs.14.9625 crores) under the scheme "Assistance to Coastal Shipping".

The project consists of (i) Connecting the SBM Shore Tank Farm (STF) line (crude) passing through the island behind COT to the existing crude line at COT and (ii) Re-modeling of North Tanker Berth (NTB).

The work was awarded to M/s. RDS Projects on 29-08-2015 for Rs.2245.33 lakhs. Agreement executed on 29-09-2015.

Works at COT completed and commercial operation commenced through new pipe line. Taking up works at NTB deferred to May 2017 in view of BPCL requirement for the plant. Dismantling of dilapidated structures at NTB is in progress. Physical progress achieved is 73%.

7. Construction of Barge Berth for handling Bunkers in Cochin Port.

Construction of Barge Berth is taken up along with 'Construction of MULT'. Ministry of Commerce has sanctioned an amount of Rs. 15 crores for the project under ASIDE scheme and Rs.7.50 crores has been released for this work in July 2013 and Rs.0.88.crores in March 2017.

The work comprises of construction of a Barge Jetty with continuous twin side berthing structure, 100m long and 10m wide. The tendered cost of the Barge Berth as per EPC contract awarded to M/s. RKEC Projects Private Ltd., Visakhapatnam, is Rs.34.57 crores. The project is scheduled for completion over a period of 24 months along

with construction of MULT ie in February 2018. Work is in progress. Physical progress achieved as on 31-03-2017 is 44 %.

8. Strengthening of Ernakulam wharf

As part of strengthening work of Ernakulam Wharf, higher capacity fenders have been installed. Work of providing fenders completed in August 2016 at a cost of Rs.1,27,17,484/-.

9. Integrated Power Distribution Scheme (IPDS)

CoPT has initiated the proposal for the "Strengthening of Sub Transmission and Distribution network at W/Island area of CoPT" at an estimate cost of Rs 5.39Cr with Central Financial Assistance @ 60% of project cost under Integrated Power Distribution Scheme (IPDS) of Ministry of Power, Gol. The Scope of this work comprises of the following:

- a. "Strengthening of Sub Transmission and Distribution Network at W/Island":- The estimate cost of the project is Rs 4.34 Cr and it was approved by MoP on 28-04-2016 as communicated by the nodal agency, M/s Power Finance Corporation (PFC) New Delhi vide their letter No.2:16:IPDS:CPT:KERALA:40890 dated 09-08-2016. Project Management Agency was appointed on 31-08-2016. Tendering process is in progress.
- b. Installation of Grid connected Roof top Solar System:- The estimate cost is Rs 1.05 Cr and it was approved by MoP on 28-04-2016 as communicated by the nodal agency, M/s Power Finance Corporation (PFC) New Delhi vide its letter No.2: 16:IPDS:CPT:KERALA:40890 dated 09-08-2016. Project Management Agency was appointed on 31-08-2016. NIT was issued on 28-10-2016 and work order was issued on 07-12-2016 at a total cost of Rs. 98,86,400/-. The work is completed and commissioned on 31-03-2017.

Apart from this, installation of Ground Mounted Solar panel of 100 KwP at various lands at CoPT

area at an estimated cost of Rs. 84.10 Lakhs is under approval stage. The project is expected to be awarded by October 2017 and completed by March, 2018.

10. Modification of CFS under Aside Scheme – Procurement of 1 No Heavy Duty Reach Stacker, 3 Nos. Fork Lift Trucks and 200 Nos. Plastic Crates

Letter of Acceptance was issued on 29-04-2016 for 1 No Heavy Duty Reach Stacker of 45 Tons capacity at a total cost of 2.34 Crs. The equipment was commissioned on 30-07-2016. Letter of Acceptance was issued on 18-07-2016 for 2 Nos. 3 Ton capacity and 1 No. 5 Ton Capacity Fork Lift Trucks at a total cost of Rs. 33,17,204/-. Equipment commissioned on 26-10-2016.

Cochin Port has also procured 200 Nos. Plastic crates at a total cost of Rs. 6,09,000/- under the scheme.

II. NON PLAN WORKS

The major works completed during the year are as detailed below:

1. Supplying and fixing Cell Type Rubber Fenders at Q8/Q9 Ernakulam Wharf of Cochin Port costing Rs. 29,39,456/-
2. Providing 200mm dia. Ductile Iron pipe pumping line from UG tanks at Halt area to the OH tanks at various places in Willingdon Island costing Rs.2,17,51,786/-
3. Replacing the damaged rubber fenders/ frontal frames with new ones at Mattancherry Wharf and SCB costing Rs. 23,80,750/-
4. Guniting works to Q2-Q3 berths at Mattancherry wharf costing Rs.138.59 lakhs
5. Construction of Jetty for Customs in between Ferry Jetty and NCB at Cochin Port costing Rs. 61.51 lakhs.

The works taken up and is in progress during the year are as detailed below:

1. Construction of Leading Light Towers in Ernakulam Channel is awarded on 28-03-2017 for Rs. 48,04,040/-
2. Re-alignment of IG road from Workshop to Mattancherry Halt Junction at W/Island awarded on 02-07-2016, for Rs. 3,76,92,703/-.

III. PRIVATE SECTOR/JOINT VENTURE SCHEMES UNDER IMPLEMENTATION

1) Setting up of a Multi User Liquid Terminal/ International Bunkering Terminal

The construction of an Oil-cum-LPG Jetty at Puthuvyppeen was awarded to M/s. IOCL by Cochin Port Trust in March 2013 on PPP model. The project is scheduled for commissioning by February 2018. The project has a total capacity of 4.10 MMTPA, with LPG forming 0.68 MMTPA and bunkers/POL products being 3.42 MMTPA. The terminal is designed as a Multi-User Liquid Terminal.

The berthing structure when complete will be capable for berthing vessels with LOA up to 230m, 13 m draft and 80,000 DWT. This jetty will service IOCL's LPG storage facility in Puthuvyppeen and in the process, reduce road transport of LPG from Mangalore through Kerala.

The jetty will also serve as an International Bunkering Terminal for supplying bunkers to vessels calling at the Port as well as plying in the high seas.

M/s IOCL have entrusted with CoPT, execution of construction of jetty and its associated facilities through EPC contractor. M/s. L&T Infra Engg., Chennai, are project consultants for the work.

2) Establishing Grain silos at CoPT.

Feasibility Report for Establishing Grain Silo at Cochin Port under PPP model was got prepared

through M/s KITCO. KITCO invited EOI in January 2016 and three firms responded. Prospective investors had evinced interest if FCI guaranteed usage of facility. However, FCI informed that there is no scope for moving large volumes through Cochin, which makes the project unviable.

Subsequently, tender was invited in May 2016 for 'lease of 3 acres of land for 30 years on annual lease rent basis for setting up of silos'. The tender yielded no response. The Ministry informed in September 2016 that the project is dropped.

3. Development of an International Ship Repair facility at Willingdon Island.

The work was awarded to the developer, M/s. Cochin Shipyard Ltd. on 19-09-2012 by inviting global tender, following the guidelines for Private Sector Participation applicable to Major Port Trusts for leasing out the existing assets. Agreement was signed on 24-12-2012.

As per the agreement conditions, Port had handed over its existing Workshop Complex including Dry Dock, slipway, buildings, machineries, equipments and tools with about 8.12 ha of land area and 15 ha of adjoining water area to the Developer on 12-04-2013, on lease for a period of 30 years. M/s. CSL shall develop new ship repair facilities as per the 'Project Requirements'. In addition to the lease rent, the Developer is required to pay the quoted Upfront Fee and Annual Guaranteed Amounts for a period of 30 years.

After conducting environmental impact assessment studies, the developer has submitted the application for Environmental clearance to MoE&F on 29-09-2015. Revised EIA Report with additional data input as required by EAC was submitted by CSL on 07-10-2016. EAC in its meeting held on 24-11-2016 has recommended for environmental clearance subject to certain conditions which include Stage -I Forest Clearance and Clearance from Standing Committee of National Board for Wildlife. Action

for obtaining the above clearances and the final clearance from Ministry of Environment & Forest is being taken by M/s. CSL.

CSL has awarded the Project Management Consultancy on 15-03-2014. Order for ship lift & transfer system is planned to be placed by CSL on receipt of environmental clearance. As per the indication of M/s. CSL, the project is expected to be completed by August, 2019.

4. Establishment of Passenger Ropeway at Cochin to promote tourism activities

During the review meeting held in February, 2015, Hon'ble Minister of Shipping has directed that CoPT has to promote tourism and possibility for unitized monorail may be explored as part of the efforts.

Based on the above directives, the work of conducting feasibility study was awarded to M/s. KITCO in September, 2015 for establishing a Passenger Ropeway System at Cochin. The final feasibility report of KITCO has suggested a ropeway system of 2.83 kms. length along east-west direction covering Marine Drive, Bolghatty and Vallarpadam with a capital investment of Rs.96.43 crores under PPP model. CoPT is required to provide land parcels of 0.9 Ha at Bolghatty and 0.7 Ha at Vallarpadam for the Boarding Station of the Ropeway and a water Theme Park respectively. Final Feasibility Report submitted by M/s. KITCO was accepted by the Board in its meeting held on 23-01-2017. Cochin Port is exploring the possibility of forming a joint venture with Govt. of Kerala for the implementation of the project. First round of discussions was held with Principal Secretary, Department of Tourism on 17-05-2017.

5. Procurement of 'OIL SPILL RESPONSE EQUIPMENTS'

As per the recommendations of Indian Coast Guards, the Central Coordinating Authority for combating of oil spills in Indian Waters and responsible for maintaining National Oil Spill

Disaster Contingency Plan (NOSDCP), Cochin Port has completed procurement of the following Oil Spill Response Equipments during 2016-17:

- 1) 900 meters of Pressure Inflatable Boom;
- 2) 5 Sets of Shoreline Clean up Equipments;
- 3) 300 meters of Sorbent Booms;
- 4) 10000 Ltrs. of Oil Spill Dispersant.

Order for the following items have been issued and are in the process of manufacture/final commissioning:-

- 1) 3 Nos. Multi-Skimers;
- 2) 4 Nos. Flex Barges;
- 3) 1000 Nos. Sorbent Pads;
- 4) 6 Nos. OSD Applicators.

50% of the total procurement cost is grant in-aid from Ministry of Shipping and balance 50% as financial assistance from Oil companies, viz. BPCL, IOCL and HPCL.

IV. GRANT-IN AID WORKS

The works completed and taken up as Grant-in Aid Works during the year are as follows:

1. Developing a walkway and parking facility from new Mattancherry Bridge to Alexander Parambithara bridge

The proposal is for developing a Walkway / Promenade on the southern side of NH 47A on Willingdon Island. The work comprises of developing the backwater frontage of about 2.1 Km length for a width up to 20 m between the Mattancherry BOT bridge and the Alexander Parambithara bridge. The proposal has been taken up in phases. As the area to be developed belongs to the NH, MoRTH had accorded sanction for leasing the above stretch of land for 30 years to CoPT for the above development works.

The first phase of walkway for about 350m has been developed with an amount of Rs.99.05 lakhs funded by BPCL- KR through DTPC and the work completed in June 2013. The second phase of development of walkway for about 140m has been developed with financial assistance of Rs. 50 lakhs accorded by Dept. of Tourism, GoK and the work has been completed in May 2015 at a cost of Rs. 54.80 lakhs.

Work on the remaining portion of walkway for about 1510 m length upto the Kannanghatt bridge under construction, has now been taken up with financial assistance sanctioned by Ministry of Tourism(MoT), GoI for Rs.9.01 crores. MoT has released an amount of Rs. 4.50 crores towards first installment.

Tenders were invited for Construction of walkway and allied facilities with estimated cost of Rs.5.78 crores, with due date of submission on 20-02-2017. Tenders received are under evaluation.

2. Modification of Container Freight Station (CFS) for better Export Facilitation at Cochin Port.

The Ministry of Commerce had sanctioned in July 2013, the project of 'Modification of CFS at Cochin Port' at a total cost of Rs.8.08 crores with 50% financial assistance (Rs.4.04 crores) under ASIDE scheme. Various modification/upgradation works were taken up under this scheme incurring an expenditure of Rs.7.17 crores and Ministry has so far released Rs.4.04 crores to the Port. All the works have been completed in February 2017.

3. Repairing and painting of Type I, II & III Quarters at RNAS Area.

Ministry of Shipping had sanctioned an amount of Rs.2.61 crores for 'Swachh Bharat Activities' in March 2017. Work of 'Repairing and Painting of Type I, II & III Quarters at RNAS Area' at an estimated cost of Rs.222.70 lakhs, has been tendered and waiting for Ministry's fund release for finalizing the tender.

V. DEPOSIT WORKS

1. Construction of MULT at Puthuvypeen

M/s IOCL have entrusted with CoPT, execution of construction of MULT jetty and its associated facilities through EPC contractor on deposit work terms.

Construction of MULT jetty along with Barge jetty was awarded to M/s.RKEC Projects Pvt Ltd Visakhapatnam, for Rs.217.33 crores on 23-07-2015. The project is scheduled for completion by February 2018. The work is in progress. Physical progress achieved as on 31.03.2017 is 45 %.

For the Capital dredging for proposed MULT basin, letter of intent (LoI) has been issued to M/s. DCI for Rs.4226.25 lakhs on 17-08-2015.

2. Setting up a Septage Treatment Plant (STP) in W/Island.

100m³ capacity STP is being set up in 50 cents of land offered by the Port for free of cost in W/Island by GoK at their cost. The connected infrastructure development works such as land development, road, drain etc. were undertaken by the Port with GoK's fund.

On behalf of GoK, KSUDP is implementing this work. All works regarding Installation of STP except its trial run completed.

3. Construction of a Jetty for GoI at Cochin Port.

Construction of a dedicated Jetty for berthing defence vessels, north of naval jetties in Ernakulam channel of Port for a Defence organization of Government of India has been entrusted with Cochin Port, as a deposit work.

MoU executed between CoPT and Govt.of India for the project on 22-02-2016. Tenders invited for Jetty construction on 27-12-2016 and 9 bidders submitted their bids and the evaluation is in progress. Studies viz: (i) Geotechnical Investigation, (ii) Mathematical model studies for hydrodynamics and siltation (iii) Conducting

Ship Maneuverability for berthing vessels at the proposed jetty at Cochin Port and (iv) Consultancy Services for obtaining CRZ Clearance for the project were completed.

MoEF & CC has recommended the project for the Environmental & CRZ clearance on 1st February 2017 subject to obtaining Wild Life Clearance processing for which is underway.

4. Construction of Berth for Indian Coast Guard at Cochin Port.

Indian Coast Guard has entrusted Cochin Port Trust the construction of berthing and allied facilities for berthing Indian Coast Guard ships at Cochin Port as deposit work. The proposal is to construct a dedicated Jetty for berthing Coast Guard vessels in Mattancherry channel of Port with land connection to Fortkochi.

Obtaining Environmental & CRZ clearance for the project is underway. Application for Wild Life Clearance submitted on 03-03-2017.

Studies viz: (i) Geotechnical Investigation, (ii) Mathematical model studies for hydrodynamics and siltation, (iii) Conducting Ship Maneuverability for berthing vessels at the jetty and (iv) Providing Consultancy Services for obtaining CRZ Clearance for the project were completed. CRZ Map has been prepared through M/s. National Centre for Earth Science Studies (NCESS).

5. Dredging in front of LNG basin

Cochin Port is taking up the dredging work at the LNG basin on deposit work terms for M/s. Petronet LNG Ltd. annually along with the maintenance dredging contract at a cost of Rs.28.69 crores.

VI. WATER PROCURED DURING THE YEAR

The quantity of water procured and distributed during the year 2016-17 was 912.00 million litres.

VII. DREDGING

The Dredger G.H.D.Nehru Shatabdi has been attending to dredging in various areas of the

Port. The vessel worked for 273.5 days during the year and removed a total quantity of 7.7 lakhs cu. metres of spoil. Details of working of the Port's dredgers are given in Statement No.30 in the Appendices.

During the year 2016-17 maintenance dredging in the Port channels was carried out by M/s. Dredging Corporation of India. The total quantity of spoil removed during this year was 225.60 lakhs cu. metres as against 180.00 lakhs cu. meters in the preceding year

VIII. STORES

The stock position as on 31-03-2017 is given below:

(Rs. in lakhs)

Sl No.	Item	2016-17	2015-16
1	Stock at the beginning of the year	110.00	142.00
2	Stock at the end of the year	109.00	110.00

IX. FISHERIES HARBOUR

The functioning of Cochin Fisheries Harbour went on smoothly during the year. The Harbour Administration had registered an operational income of Rs.4,07,12,404/- against an expenditure of Rs.3,41,38,707/- (including payment of Service Tax).

2121 Purse-seine net boats, 3198 of Gill Net boats, 3818 Trawl net boats and 560 valloms called at CFH during the year.

X. ELECTRICITY

2,82.33 Lakhs units (kwh) of electricity at Willingdon Island and 80.161 Lakhs units (kwh) of electricity at Vallarpadam (Total 362.491 Lakhs units (kwh)) were purchased from KSEB and 0.25 Lakh units (kwh) of electricity was generated at CoPT's Powerhouse, for Port's own purpose and for distribution to consumers during the year 2016-17. (Total -362.741 Lakhs units (kwh)).

XI. ESTATES

Total land area of Port is 2172 acres including land at Puthuvyppeen, Vallarpadam, Mulavukad,

Palluruthy, Ernakulam, Fortkochi, Thevara and Pachalam. 847.49 acres were on lease during the year as against 820.82 acres in the preceding year as may be seen from the following table:

(Rs. in lakhs)

Type of lease hold	2016-17		2015-16	
	No. of leaseholds	Area (acres)	No. of leaseholds	Area (acres)
Government	35	80.20	27	58.46
Quasi Government	49	437.70	48	432.70
Private	186	329.59	216	329.66
Total	270	847.49	291	820.82

XII. SAFETY AUDIT

Quarterly Safety Audits were conducted in areas handling hazardous/noxious cargoes, during the year 2016-17, as per MoS direction.



VII. LABOUR WELFARE AND INDUSTRIAL RELATIONS

1. Labour Situation

Labour situation at the Port was generally peaceful during the year.

2. Family Security Fund

An amount of Rs. 8,20,000/- was disbursed to the employees and their families from the Family Security Fund on retirement/resignation/death.

3. Accident to Shore Workers

During the year 2016-17, 2 Nos. accidents were reported. A category wise analysis of these accidents is furnished in Statement No. 33 in the Statistical Appendices. An amount of Rs.2,28,999/- was paid to the workers under Workmen's Compensation Act or leave salary under hospital rules. An amount of Rs.95,022/- was paid by way of injury leave.

4. Group Insurance Scheme

An amount of Rs. 45,33,623/- was disbursed to the retired/resigned employees and dependants of deceased employees under the Group Savings Linked Insurance Scheme of LIC of India.

5. Exgratia Relief from the Welfare Fund

A sum of Rs.51,700/- was disbursed from the Welfare Fund as exgratia assistances to the employees and their families for their treatment etc. and as aid to meet the funeral expenses of deceased Port employees.

6. Scholarships

During the year an amount of Rs.1,67,000/- was disbursed for awarding Merit Scholarships to the children of the Port employees studying in various grades ranging from Secondary School level to Post Graduate Course including Medical, Engineering and Technology. Amounts

of Scholarships ranged from Rs. 250 to 1000 per annum with duration of 2 to 5 years.

7. Children's Education Allowances

Children's Educational Allowances and reimbursement of tuition fees at a maximum of Rs.15,000/- each child, limited to two children of Port employees, were granted upto Higher Secondary classes as per the Government rules and envisaged in the current Wage revision settlement.

8. Co-operative Society

Cochin Port Employee's Co-operative Society registered under the Kerala Cooperative Societies Act, 1969 is functioning in Cochin Port Trust with full patronage of Port employees. It promotes the welfare of Port employees by providing loans to the employees and receiving their deposits.

The Society also distributes educational awards and scholarships among the children of employees. Society also introduced Risk Fund scheme followed by the Government of Kerala to protect the family from future liability after the death of employee. This Society with a Class I Super Grade is considered as the first and finest Employees Society in the state of Kerala.

9. Sir Robert Bristow Memorial Mutual Benefit Fund

Sir Robert Bristow Memorial Mutual Benefit Fund, a charitable institution established in the year 1956 and registered under Travancore-cochin Literary Scientific and Charitable Societies Registration Act of 1955 is functioning in W/Island. It also extends Scholarships to the children of members, Death relief for the members and their family. Financial aids for the treatment of

deadly deceases such as Cancer, Heart Bye Pass Surgery, Kidney dialysis, Stroke etc for Bristow Fund members & Staff as well as other employees working under Cochin Port Trust.

10. Canteen

There are four canteens functioning in Cochin Port Trust. The Canteens are run by Canteen Management Committee of the respective Departments. One Cafeteria is also functioning in the Administrative Building of the Port. Ernakulam and Mattancherry Wharf Canteens are statutory canteens under the Dock Workers (Safety Health and Welfare) Regulations 1990.

11. School

a) Sisu Vihar Nursery School

An annual grant of Rs.25,000/- was given from the Welfare Fund to the Nursery School, Sisu Vihar, run by the Women's Club of Willington Island. Free building, water, electricity etc. have been provided to the Nursery School.

b) Sir Robert Bristow Primary & Secondary School

Land & Buildings have been provided free of cost to the Kerala State Government for running the Primary & Secondary School. 10,000 Gallon fresh water is granted to the schools every month free of charge.

c) Kendriya Vidyalaya

Kendriya Vidyalaya is functioning at the South End of Willington Island. Land, Building & Furniture have been provided by the Port. 50% of the seats are reserved for the children of Port employees in each class.

12. Sports and Games

All sports and cultural activities in Cochin Port Trust are organized under the supervision of Cochin Port Sports Control Board (CPSCB). The Board is headed by President (Dy. Chairman),

Vice President (Secretary) and Secretary (Sr Asst Traffic manager). The day to day activities of CPSCB are managed by Sports Inspector. CoPT is maintaining a very good Volleyball and Football team which are one of the best in the State. Cochin Port Trust is also regularly fielding teams in the Major Port Competitions in Volleyball, Beach Volleyball, Football, Shuttle Badminton, Athletics and also Major Port Cultural Meet.

The Annual Children's Day Sports for the Children of Port employees for 2016-17 was conducted at the K.K Premachandran Sports Complex at Willingdon Island on 21st Jan. 2017. More than 100 children in the age groups of Sub-Junior, Junior and Senior I, II & III categories (both in Boys and Girls) participated in the meet.

In the All India Major Ports Cultural meet held at Paradip Port Trust from 15th to 18th December 2016 for the year 2016-17, Cochin Port trust team won second place in Playlet. Cochin port trust drama team member, Shri A.R. Sivaji was awarded the best Actor and Kum. Sarika Sajeevan, D/O Sajeevan N.A. Head Maistry (E&O) Traffic Department won third place in classical Dance event.

Shri Joy T Antony and Shri Deepak Amarnath of Cochin port trust were selected to represent India in the World Masters Badminton Championship to be held at Cochin later this year. Shri Joy T Antony has been representing India in the World Masters Badminton Championships for the 3rd consecutive year.

In the All India Major Ports Volleyball & Beach Volleyball Championship held at Murmugao from 2nd to 4th March 2017 Cochin Port trust team were the champions

Shri Abdul Nazer, Coach of Cochin port trust Volleyball team was the Coach of the Kerala State Senior Team which won the 65th National Volleyball Championship held at Chennai and runners up in Federation Cup Volleyball Championship held at Varanasi.

In the All India Major Ports Football Tournament held at Mumbai Port Trust from 07th to 11th, February 2017, Cochin port trust team won the Championship beating the Paradip Port Trust 2-0 in the finals. Cochin port trust player Shri Akash Pradeep was the best player of the Championship and Shri Abul Hasan was the top scorer.

In addition to Major Port Championships, Cochin Port Trust Volleyball team was runners up in All Kerala Volleyball Tournaments held at Chathangottunada, Kozhikode and Karamana, Thiruvananthapuram & Football team was the runners up in the Cochin Premier League

and also participated in the prestigious Kerala Premier League, the premier Club Championship for the best 10 teams in Kerala State organized by Kerala Football Association and was also the quarter finalist in the Kerala State Inter Club Championship held at Thrikkaripur, Kasargode.

Shri Akshy N Joshy, one of Cochin Port Trust Sports Trainees (Football) also got selected to the Under 23 Indian Football Team Selection camp.

13. Housing

Category wise quarters details as on 31-03-2017 are given in the following Statement.

Category of Employees	Type of Quarters (Numbers)								Total Allot.
	I	II	III	IV	V	VI	VII	Un Classified	
Class I	-	-	1	2	13	6	4	-	26
Class II	-	2	8	2	4	-	-	-	16
Class III	3	99	63	16	-	-	-	-	181
Class IV & Shore Labour	2	26	3	1	-	-	-	-	32
Other Allot.	161	161	25	10	5	-	-	-	362
Vacant & Damaged	74	67	37	4	3	1	-	1	187
Gross Total of Qrts.	240	355	137	35	25	7	4	1	804

14. Security

The CISF unit in Cochin Port Trust is having authorised strength of 301 against which 266 are posted. The Unit is headed by a Dy. Commandant and assisted by a Asst. Commandant. The Security and protection of all vital installations and the Administration Building are taken care of by CISF. These include; Oil Tanker berths, COT, Main receiving station, Ernakulam and Mattancherry wharfs, BTP, South Coal berth and LNG. Security cover is provided by means of static duty posts, two check posts at the toll gates, boat patrolling and Quick Reaction Teams (QRT). QRT is deployed with specially trained personnel in dedicated vehicle, equipped with sophisticated

weapon, Bulletproof Jackets and Wireless sets round the clock in Vallarpadam, Puthuvypeen as well as Willingdon Island to meet any eventuality.

Boat patrolling is carried out round the clock by specially trained marine QRT personnel equipped with weapon and wireless sets, in the Ernakulam as well as in Mattancherry Channels in two boats.

Access Control is maintained by CISF in CPT through Bio metric cards and passes of various kinds issued after proper verification. Thorough security check is conducted while entering and exiting the Port area

CCTV coverage/surveillance is conducted

in the Port area. A total of 21 CCTV cameras are installed in CPT (03 in CFS and 18 in other area), out of which 13 are working at present. Communication is achieved through intercom as well as 58 Hand held Walkie-Talkie sets and 20 Base sets. The Radio Frequency Identification System has been installed at Ernakulam Wharf gate on 27.06.2016.

15. Medical Facilities

Cochin Port Trust has a multi specialty hospital having a capacity of 110 beds and managed by the Chief Medical Officer in-charge with the assistance of 2 Sr. Medical officers (Specialist), 3 Sr. Medical Officers (GD), 6 Medical Officers (total of 12 doctors) and 28 various part time visiting specialists including 6 Super Specialists. They attend to the health care of the Port employees including DLD employees and their families, CISF personnel and their dependants, Pensioners and their spouses and other Central Government employees posted in Willingdon Island like Customs, FACT and Cochin Shipyard Ltd. Employees and dependants deputed from Cochin Port Trust etc.

The I.C.U. of this hospital is provided with 7 beds with Cardiac Monitors, Defibrillators, and

Centralised Oxygen and Suction System. Cardiac Monitors are being provided in ICU and Theatre. Pulmonary Function Tests, Titmus eye testing are also done whenever necessary.

Separate Officers ward with 4 AC Rooms exclusively for Officers and their families has been renovated now. The Hospital has a full-fledged operation theatre complex with major operation theatre rooms with all modern facilities. All types of surgeries including General surgery, Eye, Ortho, ENT, Gynaecology & Laparoscopic surgeries are being done.

Four First Aid Posts located at 3 different operational areas of the Port are fully functional. A well equipped Lab, Hi frequency X-Ray machine and CR systems are available in the hospital. Full time new A/c Ambulance service is available in the Hospital, and is attached to Fire service under Deputy Conservator.

Kitchen and Diet Section are functioning on all days. Biogas plant attached to kitchen is functioning well thereby reducing the cost of Cooking gas.

Details of Medical treatment given during the year 2016-17 are furnished below:-

(A) OP Section	2016-17	2015-16
(i) Port employees and their families	32446	35375
(ii) Non Port employees	8438	16214
(iii) CSL/Workshop dispensary	2846	3262
(iv) Pensioners	41881	39628
Total	85611	94479
(B) IP Section	1525	1656
(i) Port employees and their families		
Grand Total	87136	96135

The school of Nursing attached to Cochin Port Trust Hospital is functioning under Cochin Port Trust Educational Society with an admission strength of 20 students every year since 2000 January under the guidance of Chief

Medical Officer with staff strength of One Principal, One Vice-principal and 5 Tutors. Since 2007 April, School of Nursing is functioning independently as a self financing institute.

16. Hospital/ Medical Reimbursement

In addition to the Medical facilities provided through the Cochin Port Trust Hospital, an amount of Rs.99,57,792/- was reimbursed during the year 2016-2017 towards medical facilities availed in other hospitals.

17. Grievance Redressal

As per Ministry's directive, Public Grievance Redressal Machinery was constituted in Cochin Port Trust in 1991. The Secretary is the Director of Public Grievances. The Deputy Heads of each Department acts as Grievance Officer to attend the Public Grievances received by that department. Complaints/suggestion boxes have been kept in prominent places in each department to receive the grievances/complaints. Cochin Port Trust regularly checks the grievances submitted online by employees/general public in the Govt. of India website of Central Public Grievance Redressal and Monitoring System (CPGRAMS) and the grievances are disposed off in a time bound manner. A direct link to CPGRAMS website (pgportal.gov.in) has been provided in the website of Cochin Port Trust for online submission of grievances (www.cochinport.gov.in). A detailed circular in this regard has been issued. Aggrieved employees can also personally meet the Chairman, during the earmarked public time for receiving grievances once in a week.

18. Citizens'/ Clients' Charter

The Citizens'/Clients' Charter of Cochin Port Trust has been formulated as per the Result Framework Management System of Cabinet Secretariat. A Taskforce (consisting of Port Officials and representatives of stake holders) constituted for formulating and reviewing the Clients Citizens Charter exists in Cochin Port Trust, which meets on quarterly basis and views the Citizen Charter for further modifications. The Citizens'/Clients' Charter is hosted in the website of Cochin Port Trust and made available in all Departments.

As per the Result Frame Document (RFD) of Govt. of India, Independent Audit of implementation of Citizens'/Clients' Charter as part of implementation of Sevottam was carried out by an Independent Auditor for the year 2015-16 and the score secured is 92.3%.

19. Group Gratuity Scheme

An amount of Rs.9,23,206/- was received from LIC of India during the year 2016-17 as Gratuity amount under the GGS.

20. Transport facilities

The Dredger Crew and staff posted at Cochin Oil Terminal are provided with free Transport facilities by launch from shore to Vessel/terminal and back. Transport facilities were also provided to all employees whenever there was a disruption in Public Transport services.

21. Internal Complaints Committee

The Complaint committee (Women Cell) was formed in the year 2004 in compliance with the directions of the Hon'ble Supreme Court of India for prevention of sexual harassment of women in workplace and redressal of the complaints of the victims. After the enactment of the Sexual Harassment of Women at Work place (Prevention, Prohibition and Redressal) Act, 2013 the Complaints Committee was reconstituted as Internal Complaints Committee.

The Internal Complaints Committee held one meeting during the year 2016-17

22. Other labour Welfare activities

- a) A grant in aid of Rs. 3,000/- was given from Welfare Fund to Women's Club, North End.
- b) An annual grant in aid of Rs. 3,000/- was given from Welfare Fund to Cochin Port Employees Recreation Club, South End.
- c) An amount of Rs. 10,000/- was also granted from Welfare Fund to the W/Island Residents

Association for the conduct of 'Island Festival'.

- d) An amount of Rs. 1,05,420/- was spent towards supply of newspapers and periodicals at various reading rooms/rest sheds.

23. Additional Welfare Facilities provided for Dock Labour Division Employees.

- a) Financial help for marriage of children of employees.

Employees of Dock labour Division are being granted a gift of Rs.500/- for the marriage of one of their children in the service period. Amount paid Nil.

- b) Financial Assistances for purchasing

spectacles.

A sum of Rs. 100/- or the actual cost of spectacles whichever is less is being paid to employees / workers for the purchase of spectacles once in 5 years.

- c) A gift of Rs.1000/- is being given in lieu of memento at the time of retirement. Amount paid during the year under report is Rs.11,000/-

- d) Scholarship Awards are granted to the children of the employees Studying in standard V and upto Post Graduate/ professional course on merit basis. Amount paid during the year under report is Rs.2,000/-.



VIII GENERAL ACTIVITIES

A. MILESTONES / ACHIEVEMENTS

- ❖ Port achieved the historic cargo throughput of 25.01MMT in 2016-17 with 13.2% growth over 2015-16. Through out put achieved is 13.2% higher than the target of 24.5MMT set by Ministry. Container traffic grew by 17% over 2015-16 to reach 4.19 lakh TEUs. During March 2017 the Port handled 45344 TEUs, which is the highest in a month handled at ICTT till date.
- ❖ RFID based gate access system for vehicle at Ernakulam Wharf gate has been implemented from 15-06-2016.
- ❖ Online Berth Allotment has been implemented from July, 2016 onwards. The users can submit their requests for berths electronically. The allotment will be made online. Berthing Meeting has been stopped henceforth.
- ❖ Rebate in Vessel related charges RO-RO Car Carriers: Cochin Port has decided to provide 50% rebate in Vessel related charges for coastal Roll-on Roll-off Car Carriers. This marketing initiative has paved way for arrival of the first ever Ro- Ro Car carrier at Cochin on 27-09-2016.
- ❖ Vehicle carrier Vessel Dresden made 8 calls to Cochin Port during this period and handled 1970 vehicles.
- ❖ On 03-12-2016 Prof. Sri. K. V. Thomas, M. P. Inaugurated CoPT Avenue walkway near BOT Bridge, Cochin.

B. SWACHH BHARAT CAMPAIGN

- ❖ As a part of Nation wide Campaign on SWACHH BHARATH and also to sensitize and create awareness among CoPT employees

and residents of Cochin, SWACHH BHARATH pledge was administered by Union Urban Development Minister, Dy. Chairman - Rajya Sabha and Minister for Local Administration, Govt. of Kerala at Samudrika Auditorium, CoPT, on 18.10.2016. This was followed by screening of short films on SWACHH BHARATH by NFDC-I & B Ministry and placing of signature by Officers & staff towards their commitment to SWACHH BHARATH.

- ❖ As per the direction from Ministry, Swachhta Pakhwada was observed during 16th to 31st March 2017 and Swachhta Pakhwada Pledge administered by Deputy Chairman at Cochin Port Trust on 16-03-2017.
- ❖ The Swachhta Pakhwada concluded on 31-03-2017 with release of Swachh geet (Swachhta theme song) composed and sung by Cochin Port Employees, by Hon'ble M. P. Prof. K. V. Thomas.

C. VISITS

- ❖ Korean Consulate General Mr. Kyungsoo Kim visited on 11-08-2016 and held discussion with Chairman.
- ❖ Hon'ble Minister of State for Road Transport, Highways Visited Cochin Port and held review meeting on 09-09-2016.
- ❖ Hon'ble Union Minister of Road Transport, Highways & Shipping Visited Cochin Port and held review meeting on 26-09-2016.
- ❖ Shri Venkaiah Naidu, Hon'ble Union Minister of Urban Development and I & B visited Cochin Port on 18-10-2016 and administered Swachha Bharat Pledge to the employees followed by the screening of 10 short films on Swachhagraha at Cochin Port Trust.

- ❖ Parliamentary Standing Committee on Personal, Public Grievances, Law and Justice, reviewed the Public Grievance Redressal Mechanism during its visit to CoPT on 19-12-2016 and held discussions with Chairman & Senior Officers of Port.
- ❖ Shri Mansukh L Mandaviya, Hon'ble Minister of State for Road Transport & Highways, Shipping, Chemicals & Fertilizers visited CoPT on 29-12-2016, and held discussions with Chairman & Senior Officers of Port.
- ❖ Dr. Alok Verma, one of the Representatives of the Kochi Committee of the Norfolk Sister City Association, and Delegates from Virginia, USA, visited Cochin Port on 29-12-2016 and held discussion with Chairman.
- ❖ Parliamentary Committee on Trade with ASEAN countries visited Cochin Port Trust on 09-01-2017 and held discussions with Chairman (i/c) and other senior officers.
- ❖ Parliamentary Committee on empowerment of women visited Cochin Port Trust on 11-01-2017 and held discussions with Chairman (i/c) and other senior officers.

D. IMPORTANT EVENTS

- ❖ M. V. Queen Elizabeth and M. V. Queen Mary 2, among the largest cruise vessels in the world, visited Cochin on 13-4-2016 and 14-4-2016 respectively.
- ❖ Cochin Port was bestowed with an award by Ministry of Shipping for achieving highest growth in operational profit during the period 2015-2016 on 12-05-2016.
- ❖ Cochin Port hosted 3rd International Bunkering conference on 13-05-2016
- ❖ Port Day was celebrated on 26-5-2016. Best performing employees & users were suitably rewarded during the occasion.
- ❖ The second largest luxury Cruise liner in the world M. V. OVATION OF THE SEAS visited Cochin on 01-06-2016 with nearly 5,800 people, including 4,000 passengers and 1,800 crew. The Cruise liner, OVATION OF THE SEAS, arrived from Muscat, UAE as part of its 52 night maiden Global Odyssey.
- ❖ Cochin Port celebrate Yoga day on 21-06-2016
- ❖ **Discount in Demurrage for Cargo cleared during Non-Peak hours:** Cochin Port has decided to provide 50% discount in Demurrage to the cargo which are taken delivery during the Non-Peak hours; that is during the 3rd shift of the day (9.15 pm to 7.00 am).
- ❖ Celebrated 70th Independence day on 15th August 2016
- ❖ Rebate in Vessel related charges - RO-RO Car Carriers: - As per the direction of the Ministry, Cochin Port has implemented 80% discount for VRC and Cargo Charge for Ro-Ro Car Carriers.

E. IMPORTANT MEETINGS/DISCUSSIONS ATTENDED BY CHAIRMAN /CHAIRMAN (i/c)

- ❖ Chairman was the Chief Guest of National Maritime Day Celebrations at Cochin on 5-4-2016.
- ❖ Attended the Tea Board Meeting at Coonoor on 08-07-2016
- ❖ Attended workshop on "Implementation of the Standard Operation Procedure (SOP) for Cruise Vessels at Indian Ports" at Hotel Marriott, Mumbai on 11-07-2016.
- ❖ Attended the Search-cum-Selection Committee for the post of Deputy Chairman, CoPT on 14-07-2016.
- ❖ Attended Meeting with Ms. Pinky Anand, Additional Solicitor General of India, regarding Supplementary Agreement to be executed between CoPT and IGTPPL at Delhi on 27-07-2016.

- ❖ Attended Meeting chaired by Secretary (S), with Vice Adml. Subedar, Chief of Materials, Indian Navy on Docking Ship Vikramaditya, CSL at New Delhi on 09-08-2016.
- ❖ Attended Meeting of the Task Force on Cruise Tourism held under the Chairmanship of Secretary (Tourism) at New Delhi on 19-08-2016.
- ❖ Attended Meeting chaired by Secretary (S), regarding, various issues related to Efficiency & Productivity of the Ports at New Delhi on 06-09-2016 & 07-09-2016.
- ❖ Attended Meeting with CME (i/c) KoPT, regarding Hoogly Dock Engineering Ltd, SPV Formation/Privatization Committee appointed by MoS at Kolkata Port Trust on 13-09-2016
- ❖ Attended Meeting convened by JS(S) & CVO, on report of non – collection of payment towards MGT from M/s Ultra Tech Cement Ltd in CoPT on 16-09-2016.
- ❖ Chairman visited Haldia Dock Complex and held discussions with Dy. Chairman regarding "Renewal of Lease" on 01-10-2016.
- ❖ Attended meeting under the Chairman ship of Addl / Secretary & FA, Ministry of Shipping, regarding renewal of lease proposals of CoPT, at Delhi on 03-10-2016.
- ❖ Attended discussion with potential customers at Hyderabad on marketing cargo through CoPT on 03-10-2016.
- ❖ Held discussion with MSTC and MM KoPT regarding award of e-Tendering cum Auction to MSTC by KoPT on nomination basis in view of similar work being given to MSTC by CoPT on 19-10-2016 & 20-10-2016.
- ❖ Meeting to review the progress regarding implementation of Liberalization, Simplification and Rationalization of visa regime in India, under the Chairmanship of Secretary (Border Management) at New Delhi on 06-01-2017
- ❖ Joint hearing meeting with TAMP on 17-01-2017.
- ❖ Meeting with Mr. Rahul Tandon, Head (Kerala and Karnataka), BPCL-KR, in connection with the truck parking terminal at Vallarpadam on 20-01-2017.
- ❖ Meeting with Dr. Malini V. Shankar, DG Shipping on 20-01-2017 at Cochin Port.
- ❖ Meeting with Chairman, Mumbai Port Trust regarding Cruise Shipping on 04-02-2017.
- ❖ Discussion on the report of the Committee for recommending Direct Recruitment vacancies in Major Ports, at Mumbai on 06-02-2017 convened by Chairman IPA.
- ❖ 1st BWNC meeting at Mumbai on 06-02-2017.
- ❖ Meeting convened by Ministry of Shipping at New Delhi on 08-02-2017.
- ❖ Review meeting convened by Secretary (Shipping) with all Major Ports in Ministry of Shipping, New Delhi on 15-02-2017.
- ❖ Meeting convened by Joint secretary (Shipping) regarding Demands for Grants of Ministry of Shipping New Delhi on 22-02-2017.
- ❖ Meeting of the Standing Committee to discuss demands for grants of Ministry of Shipping convened by Secretary (Shipping) on 23-02-2017 at New Delhi.
- ❖ 170th meeting of the Governing Body of IPA, in Mormugao Port Trust, Goa during 27-02-2017 to 28-02-2017.
- ❖ Meeting of the Hindi Salahkar Samiti chaired by the Hon'ble Minister for Shipping, New Delhi on 08-03-2017.
- ❖ Meeting with the officials of M/s.Ripley & Co. Stevedoring and Handling Pvt.Ltd, Guru

Shipping and others at Kolkata in connection with the setting-up of grain terminal at Cochin Port Trust on 10-03-2017.

- ❖ 2nd meeting of Bipartite wage Negotiation Committee at IPA, New Delhi on 22-03-2017.

- ❖ Meeting of Service Selection Committee under the Chairmanship of JS (S) in his chamber for recommending a panel/officer for appointment to the post of Traffic Manager in Cochin Port on 23-03-2017.



PART II

STATISTICAL APPENDICES

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STATEMENT- 1 TOPOGRAPHY OF PORT

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

Location		Entrance Channel			Turning Circle		Type of Dock/ Port
Latitude	Longitude	Length (km.)	Minimum Depth (mtrs.)	Minimum Width (mtrs.)	No.	Diameter	
1	2	3	4	5	6	7	8
09° 58"	76° 16"	16 Km	15.95	260	4	350/500/670	RIVERINE PORT

STATEMENT- 2 BERTH PARTICULARS

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

S.No.	Berth Name, No.	Type of Berth	Designed/ depth (mtrs.)	Permissible draft (mtrs.)	Quay length (mtrs.)	Remarks
1	2	3	4	5	6	7
1	Q.1	General Cargo	9.70	9.14	188	
2	Q.2	General Cargo	9.70	9.14	228	
3	Q.3	General Cargo	9.70	9.14		
4	Q.4	General Cargo & Liquid Bulk	9.70	9.14	251	
5	Q.5	General Cargo	10.70	10.00	503	
6	Q.6	General Cargo	10.70	10.00		
7	Q.7	General Cargo	11.20	10.50		
8	Q.8	General Cargo	11.70	11.00	414	
9	Q.9	General Cargo	11.70	11.00		
10	Q.10	Fertilizer & Raw- Materials	11.20	10.70	278	
11	BTP	Multi Purpose & Cruise	10.70	10.00	270	
12	NCB	General Cargo	9.70	9.14	209	
13	COT	Crude / POL Products	13.20	12.50	430	
14	NTB	POL products	9.70	9.14	298	
15	SCB	Liquid Cargo	9.70	9.14	192	
16	STB	POL Products	9.70	9.14	266	
17	SPM	Crude Oil	30.00	22.50	NA	
18	UTL	Passenger	6.00	5.30	300	
19	ICTT- V2	Containers	15.95	14.50	600	
20	ICTT- V3	Containers	15.95	14.50		
21	LNG	LNG	14.50	12.50	376.50	

STATEMENT- 3 FLOATING CRAFTS

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

S.No.	Type of Craft	Owned by Port		Hired by Port		Remarks
		No.	Rated Capacity	No.	Rated Capacity	
1	2	3	4	5	6	7
1	Dredgers					
i)	GHD Nehru Shatabdi	1	1500 Cu.M			
2	Tugs					
i)	Baali	1 Nos	32 TBP			
ii)	Vallarpadam	1 Nos	45 TBP			
iii)	Vypin	1 Nos	45 TBP			
iv)	Ocean Elite			1 Nos	60 TBP	SPM
v)	Ocean Pioneer			1Nos	60 TBP	SPM
3	Launches					
i)	General purpose Launches			4 Nos		
ii)	Survey Launches	NIL				
iii)	Mooring Launches	5 Nos				
iv)	Pilot Launches	2 Nos				
v)	Speed Boat	2 Nos				
4	Barges					
i)	W.B. Jalaprabha	1	150 T			
5	Floating Cranes					
i)	F.C. Periyar	1	40 T			Awaiting disposal
6	Others					
i)	M.V.Venad	1	10 T			

STATEMENT- 4

CARGO HANDLING EQUIPMENTS

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

S. No.	Type of Equipment	Owned by Port		Hired by Port		Remarks
		Number	Rated Capacity (Tonnes)	Number	Rated Capacity (Tonnes)	
1	2	3	4	5	6	7
1	Wharf Cranes	Nil		Nil		
(a)	ELL	Nil		Nil		
(b)	Harbour Mobile Crane	1	40 Tonnes	Nil		
2	Mobile Cranes	1	10 Tonnes	Nil		
3	Fork Lift Trucks	12 Nos	3T-11Nos & 5T-1No.	Nil		
4	Pay Loaders	Nil		Nil		
5	Tractor	1	3 Tonnes	Nil		
6	Transfer Cranes	Nil		Nil		
7	Top Lift Trucks	Nil		Nil		
8	Gantry Cranes	Nil		Nil		
(a)	Yard Gantry Cranes	Nil		Nil		
(b)	Rail Mounted Gantry Cranes	Nil		Nil		
(c)	Rubber Tyred Gantry Cranes	Nil		Nil		
9	Reach Stackers	2	45Tonnes	Nil		
10	Locomotives	Nil		Nil		
11	Trailers	2	1 Tonne	Nil		
12	Specialised Mechanical Cargo Handling Equipment	Nil		Nil		
13	Marine Loading Arms for handling liquid cargo	Nil		Nil		
14	Others	Nil		Nil		

STATEMENT- 5 STORAGE FACILITIES

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

Type	Dry Storage Accommodation			Liquid Storage Tanks			Container			Remarks
	Number	Area (Sq. Mtrs.)	Location (inside Port/ Outside Port)	Number	Location (inside Port/ Outside Port)	Capacity (KLS / Tonnes)	Type of Cargo	Number	Location (inside Port/ Outside Port)	Capacity/ Area (TEUs)
A) Port Owned										
a) Covered										
i) Transit sheds/Overflow sheds	7	22281	Inside Port							
ii) Ware Houses	5 (67)	13795 (25797)	Inside (Outside) Port							
iii) Container Freight Station	1	10000	Inside Port							
b) Open	1 (36)	125000(61347)	Inside (Outside) Port							
c) Container Yard	1	20000	Inside Port					1	Inside Port	462 TEUs
d) Reefer Points (No.)								64	Inside Port	
e) Liquid Storage, Tank, Farms etc.										
B) Others (Private /users agencies)										
a) Covered										
i) Transit sheds/Overflow sheds										
ii) Ware Houses										
iii) Container Freight Station								3		
b) Open									Outside	67900 Sq.Mtr.
c) Container Yard									Outside	10900 Sq.Mtr.
d) Reefer Points (No.)										
e) Liquid Storage, Tank Farms etc.				10	Inside Port	594491	POL & Chemical			

STATEMENT- 6

COMMODITYWISE & CATEGORYWISE CARGO TRAFFIC HANDLED

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

S.N.	Commodity	Overseas			Coastal			Grand
		Unloaded	Loaded	Total	Unloaded	Loaded	Total	Total
1	2	3	4	5	6	7	8	9
A	LIQUID BULK							
1	POL- Crude	11011.70	0	11011.70	1016.52	49.78	1066.29	12077.99
2	POL-Products	356.89	1415.16	1772.05	991.37	951.99	1943.36	3715.41
3	LNG	372.60	57.75	430.35	0	0	0	430.35
4	Edible Oil	5.00	0	5.00	0	0	0	5.00
5	FRM-Liquid	241.62	0	241.62	14.70	0	14.70	256.32
6	Others	159.05	20.37	179.42	0	0	0	179.42
B	DRY BULK							
1	Iron Ore (All)	0	0	0	0	0	0	0
	(a) Pellets	0	0	0	0	0	0	0
	(b) Fine	0	0	0	0	0	0	0
2	Other Ores	0	0	0	0	0	0	0
3	Thermal Coal	44.00	0	44.00	0	0	0	44.00
4	Coking Coal	0	0	0	0	0	0	0
5	Other Coal	0	0	0	0	0	0	0
6	Fertilizer	16.50	0	16.50	0	0	0	16.50
7	FRM-Dry	234.74	0	234.74	0	0	0	234.74
8	Food Grains (excluding pulses)	174.34	0	174.34	0	0	0	174.34
9	Pulses	0	0	0	0	0	0	0
10	Sugar	0	0	0	0	0	0	0
11	Cement	0	0	0	816.18	0	816.18	816.18
12	Salt	0	0	0	105.30	0	105.30	105.30
13	Iron Scrap	0	0	0	0	0	0	0
14	Others	60.41	0	60.41	13.83	2.07	15.90	76.31
C	BREAK BULK							
1	Iron & Steel	8.02	0	8.02	17.12	0	17.43	25.44
2	Timber & Logs	0	0	0	0	0	0	0

Contd...

S.N.	Commodity	Overseas			Coastal			Grand
		Unloaded	Loaded	Total	Unloaded	Loaded	Total	Total
1	2	3	4	5	6	7	8	9
3	Tea & Coffee	0	0	0	0	0	0	0
4	Food Grains (excluding pulses)	0	0	0	0	0	0	0
5	Pulses	0	0	0	0	0	0	0
6	Sugar	0	0	0	0	0	0	0
7	Cement	0	0	0	0	0	0	0
8	Project Cargo	3	0	3	0	0	0	3
9	Fertilizer	0	0	0	0	0	0	0
10	Automobiles (Tonnes)	0	0	0	0	0	0	0
	(Nos.)	0	0	0	0	0	0	0
11	Others	1.04	2.33	3.37	2.94	0	2.95	6.33
D	CONTAINER (Tonnes)	1773.82	1716.28	3490.10	2500.77	237.08	2737.85	6227.95
	(TEUs)	136343	151271	287614	92064	79911	171975	459589
E	TRANSHIPMENT							
1	Container (Tonnes)	129.22	129.23	258.45	176.70	176.70	353.40	611.85
	(TEUs)	7033	7033	14066	8716	8716	17432	31498
2	Others (Specify)*	0	0	0	0	0	0	0
TOTAL (A+B+C+D+E)		14592.29	3341.11	17933.40	5655.43	1417.93	7073.36	25006.76

STATEMENT- 7

FLAG WISE DISTRIBUTION OF TRAFFIC

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

S.N.	Nationality	No. of Ships Unloaded	Volume of Cargo			Total
			Unloaded	Loaded	Transhipment	
1	2	3	4	5	6	7
A	Overseas					
1	ANTIGUA AND BARBUDA	9	7.948	0.04	0	8
2	BAHAMAS	12	498	24	0	522
3	BELGIUM	1	8	0	0	8
4	BERMUDA	2	63	25	0	88
5	CAYMAN ISLANDS	2	20	0	0	20
6	CHINA	8	71	5	0	76
7	COMOROS	1	0	28	0	28
8	COOK ISLANDS	1	25	0	0	25
9	CYPRUS	12	135	67	3	204
10	DENMARK	4	57	0	0	57
11	FRANCE	7	526	33	0	559
12	GERMANY	1	7	7	0	13
13	GREECE	16	1649	20	0	1668
14	HONG KONG	53	529	373	13	916
15	INDIA	225	2540	210	3	2752
16	ITALY	1	83	0	0	83
17	KOREA	2	0	37	0	37
18	LIBERIA	204	3885	967	30	4882
19	MALTA	28	1419	69	6	1494
20	MARSHALL ISLANDS	29	1324	120	1	1446
21	NORWAY	2	153	0	0	153
22	PANAMA	73	677	865	22	1564
23	PORTUGAL	4	9	10	0	19

Contd...

S.N.	Nationality	No. of Ships Unloaded	Volume of Cargo			Total
			Unloaded	Loaded	Transshipment	
1	2	3	4	5	6	7
24	SAUDI ARABIA	4	78	0	0	78
25	SINGAPORE	30	314	217	2	533
26	SWITZERLAND	1	32	0	0	32
27	UNITED KINGDOM	1	9.94	0	0	10
28	OTHERS	32	345	136	178	659
Total Overseas (A)		765	14463	3212	258	17933
B	Coastal					
1	BAHAMAS	2	11	3	0	14
2	CHINA	1	0	0	0	0
3	CYPRUS	3	10	4	11	25
4	FRANCE	2	0	2	0	2
5	HONG KONG	12	2	1	0	3
6	INDIA	261	4584	1018	248	5851
7	LIBERIA	65	183	59	58	299
8	MALTA	6	8	10	0	18
9	MARSHALL ISLANDS	12	32	3,147	6	41
10	PANAMA	47	174	21	31	226
11	SINGAPORE	37	425	18	0	443
12	OTHERS	3	50	103	0	153
Total Coastal (B)		451	5478	1241	354	7074
Grand Total (A+B)		1216	19941	4453	612	25007

STATEMENT- 8

ORIGIN & DESTINATION - WISE OVERSEAS TRAFFIC HANDLED

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

S.No.	Commodity	Cargo Unloaded		Cargo Loaded	Quantity
		Origin Country	Quantity	Destination Country	
1	2	3	4	5	6
A	LIQUID BULK				
1	POL(Crude)	a) ALGERIA	356618.06	a) INDIA	49775
		b) INDIA	1016571.495		
		c) IRAN	191806.969		
		d) KOREA	194636.431		
		e) KUWAIT	685625.336		
		f) MALAYSIA	1214619.764		
		g) NIGERIA	2278748.161		
		h) SAUDI ARABIA	2569285.402		
		i) TURKEY	660738.19		
		j) UNITED ARAB EMIRATES	2051305.272		
		k) OTHERS	808257.172		
			12028212.25		49775
2	POL (Product)	a) INDIA	991602.792	a) CHINA	54945.117
		b) OMAN	40909.426	b) INDIA	1005904.946
		c) SINGAPORE	35694.105	c) ITALY	54479
		d) UNITED ARAB EMIRATES	132476.535	d) JAPAN	95028.395
		e) UNITED STATES	147584.478	e) KOREA	194938.62
				f) MALAYSIA	96694.511
				g) MALI	24820
				h) SIERRA LEONE	205358.131
				i) SINGAPORE	253324.708
				j) SLOVENIA	99206.814
				k) SRI LANKA	33570.288
				l) UKRAINE	129946.63

Contd...

				m) UNITED ARAB EMIRATES	118927.737
			1348267.336		2367144.897
3	LPG/LNG	a) ANGOLA	65942.3	a) INDIA	57751
		b) AUSTRALIA	185306.062		
		c) NIGERIA	63366		
		d) PORTUGAL	57986.09		
			372,600.45		57751
4	Edible Oil	a) UKRAINE	5000	a) INDONESIA	2498.049
				b) MALI	2000
			5000		4498.049
5	FRM-Liquid	a) INDIA	14699.826		
		b) IRAN	25581.939		
		c) MOROCCO	191685.004		
		d) QATAR	7875.58		
		e) TURKEY	7875		
		f) VIET NAM	8597.85		
			256315.199		
6	Others	a) GERMANY	9973.914	a) INDIA	15869.92
		b) IRAN	62474.82		
		c) QATAR	25777.51		
		d) SAUDI ARABIA	60823.68		
			159049.924		15869.92
B	Dry Bulk				
1	Thermal Coal	a) INDONESIA	44000		
			44000		
2	Fertilizer	a) RUSSIAN FEDERATION	16500		
			16500		
3	FRM-Dry	a) MOROCCO	85,484.00		
		b) UNITED ARAB EMIRATES	23,399.88		
		c) QATAR	27,418.74		
		d) SAUDI ARABIA	98,436.39		
			234,739.01		

Contd...

4	Food Grains (excluding pulses)	a) AUSTRALIA	124844.06		
		b) UKRAINE	49500		
			174344.06		
5	Cement	a) INDIA	816175.42		
			816175.42		
6	Salt	a) INDIA	105300		
			105300		
7	Others	a) INDIA	13828	a) INDIA	2070
		b) UNITED ARAB EMIRATES	60410		
			74238		2070
C	BREAK BULK				
1	Iron & Steel	a) CHINA	509.779	a) INDIA	303.46
		b) INDIA	17123.549	b) INDONESIA	38.60
		c) JAPAN	4218.504		
		d) LEBANON	598.7		
		e) UKRAINE	2688.468		
			25139		342.06
2	Automobiles (Tonnes) (Nos.)	a) INDIA	2922		
			2922		
		b) INDIA	1970		
3	Others		1970		
		a) BELGIUM	3265.671	a) INDIA	537.00
		b) GREECE	106	b) SLOVENIA	1,772.41
		c) RUSSIAN FEDERATION	232.162		
		d) UNITED STATES	201.352		
		e) OTHERS	590.117		
D	CONTAINER (Tonnes)		4395.302		2,309.41
		a) AUSTRALIA	19041	a) CHINA	49283
		b) MIDDLE EAST	315460	b) EUROPE	79418
		c) CHINA	150566	c) MIDDLE EAST	371637
		d) EUROPE	32084	d) SRILANKA	771511
		e) SRI LANKA	1089040	e) SOUTH EAST	73601
		f) SOUTH EAST	111937	f) OTHERS	607911
		g) SINGAPORE	81334		
		h) OTHERS	2475127		

Contd...

			4274589		1953361
	(Nos.) TEUS	a) AUSTRALIA	856	a) CHINA	6927
		b) MIDDLE EAST	25932	b) EUROPE	7523
		c) CHINA	11218	c) MIDDLE EAST	27470
		d) EUROPE	1674	d) SRILANKA	66106
		e) SRI LANKA	79708	e) SOUTH EAST	6575
		f) SOUTH EAST	6717	f) OTHERS	116582
		g) SINGAPORE	4890		
		h) OTHERS	97411		
			228406		231183
E	TRANSHIPMENT				
1	Container Tonnes	a) CHINA	12605	a) CHINA	17363
		b) EUROPE	30969	b) MIDDLE EAST	107010
		c) SRILANKA	11913	c) EUROPE	15293
		d) MIDDLE EAST	67519	d) SOUTH EAST	8276
		e) SINGAPORE	9582	e) SRILANKA	31134
		f) SOUTH EAST	20540	f) OTYHERS	126850
		g) OTHERS	152798		
			305926		305926
	(Nos.)(TEUS	a) CHINA	878	a) CHINA	987
		b) EUROPE	1382	b)MIDDLE EAST	6427
		c) SRILANKA	1162	c) EUROPE	821
		d) MIDDLE EAST	3366	d) SOUTH EAST	414
		e) SINGAPORE	695	e) SRILANKA	1594
		f) SOUTH EAST	1187	f) OTHERS	5506
		g) OTHERS	7079		
			15749		15749
2	Others (Specify)				
Grand Total			20,247,712.96		4,759,047.33

STATEMENT- 9

COMMODITY WISE TRAFFIC HANDLED

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

S.N.	Commodity	2012-13	2013-14	2014-15	2015-16	2016-17
1	2	2	3	4	5	6
I	LOADED (A+B+C+D)					
A	LIQUID BULK					
1	POL- Crude	124	68	92	65	50
2	POL-Products	2000	2294	2029	1780	2367
3	LPG/LNG	0	0	133	172	58
4	Edible Oil	0	0	0	0	4
5	FRM-Liquid	0	0	0	0	0
6	Others	21	19	18	27	16
B	DRY BULK					
1	Iron Ore (All)					
	(a) Pellets	0	0	0	0	0
	(b) Fine	0	0	0	0	0
2	Other Ores	0	0	0	0	0
3	Thermal Coal	0	0	0	0	0
4	Coking Coal	0	0	0	0	0
5	Other Coal	0	0	0	0	0
6	Fertilizer	0	0	0	0	0
7	FRM-Dry	0	0	0	0	0
8	Food Grains (excluding pulses)	0	0	0	0	0
9	Pulses	0	0	0	0	0
10	Sugar	0	0	0	0	0
11	Cement	0	0	0	0	0
12	Salt	0	0	0	0	0
13	Iron Scrap	0	0	0	0	0
14	Others	0	0	0	0	2
C	BREAK BULK					
1	Iron & Steel	2	0	0	0	0
2	Timber & Logs	0	0	0	0	0

Contd...

S.N.	Commodity	2012-13	2013-14	2014-15	2015-16	2016-17
1	2	2	3	4	5	6
3	Tea & Coffee	0	0	0	0	0
4	Food Grains (excluding pulses)	0	0	0	0	0
5	Pulses	0	0	0	0	0
6	Sugar	0	0	0	0	0
7	Cement	0	0	0	0	0
8	Project Cargo	0	0	0	0	0
9	Fertilizer	0	0	0	0	0
10	Automobiles (Tonnes)	0	0	0	0	0
	(Nos.)	0	0	0	0	0
11	Others	0	1	0	2	2
D	CONTAINER (Tonnes)	1628	1650	1623	1704	1953
	(TEUs)	162557	159086	170841	194720	231182
E	TRANSHIPMENT					
1	Container (Tonnes)	59	219	163	164	306
	(TEUs)	3706	13597	8503	10519	15749
2	Others (Specify)	0	0	0	0	0
Total		3834	4251	4058	3914	4759
II	UNLOADED (A+B+C+D)					
A	LIQUID BULK					
1	POL- Crude	10062	10160	10654	10669	12028
2	POL-Products	1709	1799	1242	1261	1348
3	LPG/LNG	0	115	262	309	373
4	Edible Oil	4	4	4	12	5
5	FRM-Liquid	172	257	255	228	256
6	Others	106	116	127	183	159
B	DRY BULK					
1	Iron Ore (All)					
	(a) Pellets	0	0	0	0	0
	(b) Fine	0	0	0	0	0
2	Other Ores	0	0	0	0	0
3	Thermal Coal	28	0	0	88	44
4	Coking Coal	0	0	98	0	0
5	Other Coal	0	0	0	0	0

Contd...

S.N.	Commodity	2012-13	2013-14	2014-15	2015-16	2016-17
1	2	2	3	4	5	6
6	Fertilizer	22	36	68	22	17
7	FRM-Dry	331	271	378	230	235
8	Food Grains (excluding pulses)	0	0	0	95	174
9	Pulses	0	0	0	0	0
10	Sugar	0	0	0	0	0
11	Cement	311	604	703	824	816
12	Salt	65	37	38	105	105
13	Iron Scrap	0	0	0	28	0
14	Others	159	144	203	152	74
C	BREAK BULK					
1	Iron & Steel	13	5	16	38	25
2	Timber & Logs	95	156	11	6	0
3	Tea & Coffee	0	0	0	0	0
4	Food Grains (excluding pulses)	0	0	0	0	0
5	Pulses	0	0	0	0	0
6	Sugar	0	0	0	0	0
7	Cement	11	13	6	0	0
8	Project Cargo	1	0	1	15	3
9	Fertilizer	0	0	0	0	0
10	Automobiles (Tonnes)	0	0	0	0	3
	(Nos.)	0	0	0	0	1970
11	Others	2	3	12	2	1
D	CONTAINER (Tonnes)	2861	2697	3295	3753	4275
	(TEUs)	164957	159925	178528	203791	228407
E	TRANSHIPMENT					
1	Container (Tonnes)	59	219	164	164	306
	(TEUs)	3705	13596	8504	10520	15749
2	Others (Specify)*		0	0	0	0
	Total	16011	16636	17537	18184	20248
	GRAND TOTAL (I+II)	19845	20887	21595	22098	25007

STATEMENT- 10 COMMODITY WISE LOADED CARGO RECEIVED BY DIFFERENT MODES OF TRANSPORT

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

S.No.	Commodity	Received by Rail	Received by Road	Received by IWT	Received through Pipe line *	Total
1	POL (Crude)	0	0	0	49,775	49,775
2	POL (Products)	0	0	276,176	2,090,969	2,367,145
3	LPG/LNG	0	0	0	57,751	57,751
4	Other Liquid Bulk	0	0	0	20,368	20,368
5	Iron Ore	0	0	0	0	0
6	Coking Coal	0	0	0	0	0
7	Thermal Coal	0	0	0	0	0
8	Fertilisers Finished	0	0	0	0	0
9	FRM Dry	0	0	0	0	0
10	Other Dry Bulk	0	2,070	0	0	2,070
11	Steel Products	0	0	0	0	0
12	Other Break Bulk	0	2,652	0	0	2,652
13	Containers	16,900	1,924,335	0	0	1,941,235
14	All Commodities	16,900	1,929,057	276,176	2,218,863	4,440,996

* Into the Storage Tank Farms in Port area

STATEMENT- 11

COMMODITY WISE UNLOADED CARGO RECEIVED BY DIFFERENT MODES OF TRANSPORT

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

(In Tonnes)

S.No.	Commodity	Despatched by Rail	Despatched by Road	Despatched by IWT	Despatched through Pipe line*	Total
1	POL (Crude)	0	0	0	12,028,211	12,028,211
2	POL (Products)	0	0	0	1,348,268	1,348,268
3	LPG/LNG	0	0	0	372,600	372,600
4	Other Liquid Bulk	0	0	0	420,365	420,365
5	Iron Ore	0	0	0	0	0
6	Coking Coal	44,000	0	0	0	44,000
7	Thermal Coal	0	0	0	0	0
8	Fertilisers Finished	0	16,500	0	0	16,500
9	FRM Dry	0	0	234,739	0	234,739
10	Other Dry Bulk		353,882	0	816,175	1,170,058
11	Steel Products	0	7,989	1,023	0	9,011
12	Other Break Bulk	0	23,445	0	0	23,445
13	Containers	33,490	4,228,974	0	0	4,262,464
14	All Commodities	77,490	4,630,790	235,762	14,985,620	19,929,661

* From the Storage Tank Farms in Port area

STATEMENT- 12

COMMODITY WISE & CATEGORY WISE TRANSIT TRAFFIC OF OTHER COUNTRIES CARGO

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

(000 TONNES)

Sr.No.	Commodity	Unloaded	Loaded	Total
1	2	3	4	5
A	LIQUID BULK			
1	POL- Crude	11011.70	0	11011.70
2	POL-Products	356.89	1415.16	1772.05
3	LPG/LNG	372.60	57.75	430.35
4	Edible Oil	5.00	0	5.00
5	FRM-Liquid	241.62	0	241.62
6	Others	159.05	20.37	179.42
B	DRY BULK			
1	Iron Ore (All)	0	0	0
	(a) Pellets	0	0	0
	(b) Fine	0	0	0
2	Other Ores	0	0	0
3	Thermal Coal	44.00	0	44.00
4	Coking Coal	0	0	0
5	Other Coal	0	0	0
6	Fertilizer	16.50	0	16.50
7	FRM-Dry	234.74	0	234.74
8	Food Grains (excluding pulses)	174.34	0	174.34
9	Pulses	0	0	0
10	Sugar	0	0	0
11	Cement	0	0	0
12	Salt	0	0	0
13	Iron Scrap	0	0	0
14	Others	60.41	0	60.41

Contd...

Sr.No.	Commodity	Unloaded	Loaded	Total
1	2	3	4	5
C	BREAK BULK			
1	Iron & Steel	8.02	0	8.02
2	Timber & Logs	0	0	0
3	Tea & Coffee	0	0	0
4	Food Grains (excluding pulses)	0	0	0
5	Pulses	0	0	0
6	Sugar	0	0	0
7	Cement	0	0	0
8	Project Cargo	3.34	0	3.34
9	Fertilizer	0	0	0
10	Automobiles (Tonnes)	0	0	0
	(Nos.)	0	0	0
11	Others	1.04	2.33	3.37
D	CONTAINER (Tonnes)	1773.82	1716.28	3490.10
	(TEUs)	136343	151271	287614
E	TRANSHIPMENT			
1	Container (Tonnes)	129.22	129.23	258.45
	(TEUs)	7033	7033	14066
2	Others (Specify)*	0	0	0
TOTAL (A+B+C+D+E)		14592.29	3341.11	17933.40

STATEMENT- 13

NUMBER AND TYPE OF CONTAINER HANDLED

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

(in Nos.)

S.No.	Item	Type	20Ft. Nos.		40Ft. Nos.		Others		Total	
			Normal	Reefer	Normal	Reefer	Normal	Reefer	Normal	Reefer
1	2	3	4	5	6	7	8	9	10	11
A	Loaded	LCL	0	0	0	0	0	0	0	0
		FCL	39730	831	36626	8062	0	0	76356	8893
		Empty	90350	24	4923	513	0	0	95273	537
		Total	130080	855	41549	8575			171629	9430
B	Unloaded	LCL	0	0	0	0	0	0	0	0
		FCL	124810	48	32458	1712	0	0	157268	1760
		Empty	3164	766	9042	6597	0	0	12206	7363
		Total	127974	814	41500	8309			169474	9123
C	Transshipment	LCL	0	0	0	0	0	0	0	0
		FCL	22919	22	3862	103	0	0	26781	125
		Empty	372	1	115	12	0	0	487	13
		Total	23291	23	3977	115	0	0	27268	138
D	Grand Total (A+B+C)		281345	1692	87026	16999	0	0	368371	18691

STATEMENT- 14

CONTAINER CARGO AND TARE WEIGHT OF CONTAINERS HANDLED

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

(In Tonnes)

Item	Container Cargo	Tare Weight	Total (2+3)
1	2	3	4
1.Loaded	1,402,938	550,423	1,953,361
2.Unloaded	3,730,949	543,640	4,274,589
3.Transshipment	535,153	76,699	611,852
4. Total (1+2+3)	5,669,040	1,170,762	6,839,802

STATEMENT- 15 INLAND (LANDWARD) CONTAINER MOVEMENT - OUTGOING FROM PORT AFTER UNLOADING FROM SHIP

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

Mode	20'			40'			Others			Total(TEUs)		
	Loaded	Empty	Total	Loaded	Empty	Total	Loaded	Empty	Total	Loaded	Empty	Total
1	2	3	4	5	6	7	8	9	10	11	12	13
1.By Rail												
(a) ICD												
No.	981	0	981	60	0	60	0	0	0	1101	0	1101
Tonnes.	28425	0	28425	625	0	625	0	0	0	29674	0	29674
(b) CFS												
No.	0	0	0	0	0	0	0	0	0	0	0	0
Tonnes.	0	0	0	0	0	0	0	0	0	0	0	0
(c) Others												
No.	0	0	0	0	0	0	0	0	0	0	0	0
Tonnes.	0	0	0	0	0	0	0	0	0	0	0	0
2. By Road												
(a) ICD												
No.			0			0	0	0	0	0	0	0
Tonnes.	0	0	0	0	0	0	0	0	0	0	0	0
(b) CFS												
No.	0	0	0	0	0	0	0	0	0	0	0	0
Tonnes.	0	0	0	0	0	0	0	0	0	0	0	0

Contd...

Mode	20'			40'			Others			Total(TEUs)		
	Loaded	Empty	Total	Loaded	Empty	Total	Loaded	Empty	Total	Loaded	Empty	Total
1	2	3	4	5	6	7	8	9	10	11	12	13
(c) Others												
No.	123574	3848	127422	33895	15519	49414	0	0	0	191364	34886	226250
Tonnes.	3336498	9620	3346118	862029	54317	916346	0	0	0	4198527	63937	4262464
3. By IWT												
(a) ICD												
No.	0	0	0	0	0	0	0	0	0	0	0	0
Tonnes.	0	0	0	0	0	0	0	0	0	0	0	0
(b) CFS												
No.	0	0	0	0	0	0	0	0	0	0	0	0
Tonnes.	0	0	0	0	0	0	0	0	0	0	0	0
(c) Others												
No.	0	0	0	0	0	0	0	0	0	0	0	0
Tonnes.	0	0	0	0	0	0	0	0	0	0	0	0

STATEMENT- 16 INLAND (LANDWARD) CONTAINER MOVEMENT- INCOMING TO THE PORT FOR LOADING ON TO THE SHIP

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

Mode	20'			40'			Others			Total(TEUs)		
	Loaded	Empty	Total	Loaded	Empty	Total	Loaded	Empty	Total	Loaded	Empty	Total
1	2	3	4	5	6	7	8	9	10	11	12	13
1.By Rail												
(a) ICD												
No.	161	885	1046	261	3	264	0	0	0	683	891	1574
Tonnes.	2210	2208	4418	4386	14	4399	0	0	0	10981	2235	13217
(b) CFS												
No.	0	0	0	0	0	0	0	0	0	0	0	0
Tonnes.	0	0	0	0	0	0	0	0	0	0	0	0
(c) Others												
No.	0	0	0	0	0	0	0	0	0	0	0	0
Tonnes.	0	0	0	0	0	0	0	0	0	0	0	0
2. By Road												
(a) ICD												
No.	255	0	255	541	0	541	0	0	0	1337	0	1337
Tonnes.	2954	0	2954	8263	0	8263	0	0	0	19480	0	19480
(b) CFS												
No.	0	0	0	0	0	0	0	0	0	0	0	0
Tonnes.	0	0	0	0	0	0	0	0	0	0	0	0

Contd...

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STATEMENT- 17 PERFORMANCE OF MAJOR PORT

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

Sl.No	Item	Dry Bulk		Liquid Bulk	Break Bulk	Container	All
		Mech.	Conv.				
1	No. of cargo Vessels Sailed (Total No.)	80	20	389	31	696	1216
a)	After Handling at Berth- No.	80	20	389	31	696	1216
	(i) Overseas	7	11	250	15	482	765
	(ii) Coastal	73	9	139	16	214	451
b)	At Stream (No.)	0	0	0	0	0	0
2	Total Caro Traffic Handled (000 Tonnes)	1,050,914	416,454	16,664,484	35,107	6,839,802	25,006,761
3	Pre Berthing Detention(Hrs)- Total	1091.76	130.65	8193.28	109.40	4353.13	13878.22
a)	Pre Berthing Detention(Hrs)- Port a/c	0.00	0.00	0.00	0.00	0.00	0.00
b)	Pre Berthing Detention(Hrs)- Non Port a/c	1091.76	130.65	8193.28	109.40	4353.13	13878.22
4	Working Time (Hrs)	5344.06	1380.89	10470.67	872.51	7427.87	25496
5	N.W Time at working berth(Hrs)-Total	913.25	719.28	5281.39	325.87	1394.86	8634.65
a)	N.W Time at working berth(Hrs)-Port a/c	6.25	13.24	0.00	9.91	390.14	419.54
b)	N.W Time at working berth(Hrs)-N.P a/c	907.00	706.04	5281.39	315.96	1004.72	8215.11
6	Time at Non working berth(Hrs)-Total	112.3	53.45	2283.82	0	2860.08	5309.65
a)	Time at Non working berth(Hrs)-Port a/c	0.00	0.00	0.00	0.00	0.00	0.00
b)	Time at Non working berth(Hrs)-N.P a/c	112.3	53.45	2283.82	0.00	2860.08	5309.65
7	Navigation Time (Hrs)	305.25	67.24	1590.57	110.52	2544.47	4618.05

Contd...

a)	Inward Movement	174.56	39.61	854.88	65.52	1376.27	2510.84
b)	Outward Movement	130.69	27.63	735.69	45	1168.2	2107.21
8	Shifting Time	9.87	7.9	86.64	3.57	49.08	157.06
9	Turn Round Time (Hrs)-Total	7776.49	2359.41	27906.37	1421.87	18629.49	58093.63
a)	Turn Round Time (Hrs)-Port a/c	5665.43	1469.27	12147.88	996.51	10411.56	30690.65
b)	Turn Round Time (Hrs)-N.P a/c	2111.06	890.14	15758.49	425.36	8217.93	27402.98

Note: N.W- Non-working.

N.P a/c- Non-port a/c

ech. -Mechanically Handled.

Conv.- Conventionally handled.

Note: Performance parameters are to be compiled for berthed vessels only. Vessels handled at stream are not to be included.

STATEMENT- 18 PERFORMANCE OF MAJOR PORT

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

S. No.	Item	Container	Break Bulk Bulk	Dry Bulk		Liquid Bulk	Total
				Mechanical	Conventional		
1	2	3	4	5	6	7	8
1	Number of Cargo Ships sailed	696	31	80	20	389	1216
2	Cargo handled (in tonnes)	6,839,802	35,107	1,050,914	416,454	16,664,484	25,006,761
3	Average Parcel Size (in tonnes)	9,827	1,132	13,136	20,823	42,347	20407
4	Average Turn Round Time (in Hrs)	26.77	45.87	97.21	117.97	71.74	47.77
5	Average Stay at Working Berth (in Hrs)	12.68	38.66	78.22	105.01	40.49	28.07
6	Average Pre-berthing WaitingTime (in Hrs)	6.25	3.53	13.65	6.53	21.06	11.41
	(a) Port Account	0.00	0.00	0.00	0.00	0.00	0.00
	(b) Non Port Account	6.25	3.53	13.65	6.53	21.06	11.41
7	Average Non-working Time (in Hrs)	2.00	10.51	11.42	35.96	13.58	7.11
	(a) Port Account	0.56	0.32	0.08	0.66	0.00	0.35
	(b) Non Port Account	1.44	10.19	11.34	35.30	13.58	6.76
8	Percentage of Non-working Time at Working Berth (in Hrs)	12	27	14	33	29	22
9	Average Output Per Ship berthdays	18,606	703	4,031	4,759	25,098	17,450

Note: Non-Cargo Vessels like bunkering, naval. repair and survey vessels are excluded.

STATEMENT- 19

DISTRIBUTION OF PRE-BERTHING WAITING TIME

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

S. No	Item	Container		Break Bulk	Dry Bulk		Liquid Bulk	Total
		Cellular	Combination		Mechanical	Conventional		
1	2	3	4	5	6	7	8	9
A Port Account								
1	Non-Availability of							
	(i) Berth	0	0	0	0	0	0	0.00
	(ii) Tug Craft	0	0	0	0	0	0	0.00
	(iii) Pilot	0	0	0	0	0	0	0.00
2	Strike/Stoppage	0	0	0	0	0	0	0.00
3	Night Navigation Restriction	0	0	0	0	0	0	0.00
4	Draft Restriction	0	0	0	0	0	0	0.00
5	Others	0	0	0	0	0	0	0.00
B Non-Port Account								
1	Ships Account	37.17	0	0	0	0	38.13	75.30
2	Shippers Account	333.64	0	0	7.03	0	1644.42	1985.09
3	Agents Option	319.39	0	16.20	226.33	0	1352.97	1914.89
4	Want of Ullage	0	0	0	0	0	232.38	232.38
5	Documents not ready	0	0	0	0	0	0	0.00
6	Tidal Restrictions	1.00	0	0	20.35	0	66.15	87.50
7	Weather Restriction	0	0	0	0	0	0	0.00
8	Want of Cargo	0	0	0	0	0	0	0.00
9	Labour Holidays/ Recess	0	0	0	0	0	0	0.00
10	Power Failure	0	0	0	0	0	0	0.00
11	Cargo Lashing	0	0	0	0	0	0	0.00
12	Others	3661.93		93.20	838.05	130.65	4859.23	9583.06
Total		4353.13	0	109.40	1091.76	130.65	8193.28	13878.22

STATEMENT- 20

DISTRIBUTION OF NON-WORKING TIME AT WORKING BERTH

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

S. No.	Item	Container		Break Bulk	Dry Bulk		Liquid Bulk	Total
		Cellular	Combination		Mechanical	Conventional		
1	2	3	4	5	6	7	8	9
A Port Account								
(a) Working Berth								
1	Non-Availability of Equipment	0.00	0.00	0.00	6.25	0.00	0.00	6.25
2	Equipment Breakdown	168.74	0.00	1.50	0.00	0.00	0.00	170.24
3	Absence of workers	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Strike/Stoppage	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Shed Congestion	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Power Failure	9.25	0.00	0.00	0.00	0.33	0.00	9.58
7	Hatch opening/closing	0.00	0.00	8.41	0.00	0.00	0.00	8.41
8	Labour Holidays	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	Night Navigation Restrictions	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Others	212.15	0.00	0.00	0.00	12.91	0.00	225.06
(b)	Time spent at Non-working berth	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B Non-Port Account								
(a) Working Berth								
1	Ships account	298.08	0.00	45.11	395.74	23.92	564.38	1327.23
2	Shippers account	36.05	0.00	18.00	0.00	37.09	20.88	112.02
3	Agents option	367.62	0.00	42.25	306.23	182.03	1524.00	2422.13
4	Absence of non-port workers	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	For want of cargo	72.10	0.00	5.00	0.00	0.00	0.00	77.10
6	Departure Formalities	155.30	0.00	15.50	7.00	92.91	2159.13	2429.84
7	Weather restriction	0.00	0.00	43.50	77.50	333.00	0.00	454.00

Contd...

S. No.	Item	Container		Break Bulk	Dry Bulk		Liquid Bulk	Total
		Cellular	Combination		Mechanical	Conventional		
1	2	3	4	5	6	7	8	9
8	Holiday	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	Lack of Storage / silos	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	User equipment repair	0.00	0.00	0.00	12.08	0.00	0.00	12.08
11	Shore Clearance	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	Others	75.57	0.00	146.60	108.45	37.09	1013.00	1380.71
(b)	Time spent at Non-working berth	2860.08	0.00	0.00	53.45	112.30	2283.82	5309.65
	Total							
(a)	Working berth[A(a)+B(a)]	1394.86	0.00	325.87	913.25	719.28	5281.39	8634.65
(b)	Non-working berth [A(b)+B(b)]	2860.08	0.00	0.00	53.45	112.30	2283.82	5309.65

STATEMENT- 21 COMMODITY-WISE PERFORMANCE INDICATORS

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

S. No	Commodity	No. of Vessels Sailed*	Cargo handled (Tons)*	Turn Round Time (Days)		Pre-berthing Detention (Days)		Stay at Working Berth (Days)*		
				Total	Time-spent on non-port a/c reasons	Total	Non-port a/c reasons	Total	Working Time	Non-working Time
1	2	3	4	5	6	7	8	9	10	11
1	POL (Crude)	109	12,077,987	3.06	1.50	1.26	1.26	1.65	1.41	0.24
2	POL (Products)	205	3,715,412	3.35	2.01	0.74	0.74	2.44	1.15	0.81
3	LPG/LNG	7	430,352	2.28	1.14	0.79	0.79	1.27	0.93	0.34
4	Other Liquid Bulk	68	440,735	1.84	0.96	0.68	0.68	0.99	1.52	0.27
5	Iron Ore	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Coking Coal	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Thermal Coal	1	44,000	4.77	3.24	0.13	0.13	4.46	1.36	3.10
8	Fertilisers & FRM	9	251,239	8.83	1.04	0.08	0.08	8.56	7.57	0.96
9	Other Dry Bulk	90	1,172,127	3.76	1.34	0.56	0.56	0.12	2.25	0.72
10	Steel Products	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Other Break Bulk	31	35,107	1.91	0.57	0.15	0.15	1.62	1.17	0.44
12	Containers	696	6,839,802	1.12	0.49	0.26	0.26	0.70	0.44	0.08
13	All Commodities	1216	25,006,761	1.99	0.94	0.48	0.48	1.36	0.87	0.30

STATEMENT- 22

COMMODITY-WISE PERFORMANCE INDICATORS

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

S. No.	Commodity	No. of Vessels Sailed*	Cargo handled (Tons)*	Average Turn Round Time (Days)	Average Pre-berthing Waiting Time (Days)	Average Output per Ship Berth Day (Tonnes)
1	2	3	4	5	6	7
1	POL (Crude)	109	12,077,987	3.06	1.26	66815
2	POL (Products)	205	3,715,412	3.35	0.74	9072
3	LPG/LNG	7	430,352	2.28	0.79	48409
4	Other Liquid Bulk	68	440,735	1.85	0.69	6523
5	Iron Ore	0	0.00	0.00	0.00	0.00
6	Coking Coal	0	0.00	0.00	0.00	0.00
7	Thermal Coal	1	44,000	4.77	0.13	9865
8	Fertilisers Finished & FRM Dry	9	251,239	8.83	0.08	3274
9	Other Dry Bulk	90	1,172,127	3.76	0.56	4389
10	Steel Products	0	0.00	0.00	0.00	0.00
11	Other Break Bulk	31	35,107	1.91	0.15	703
12	Containers	696	6,839,802	1.12	0.26	18606
13	All Commodities	1216	25,006,761	1.99	0.48	17,450

STATEMENT NO.23 BERTH OCCUPANCY

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

Sl.No.	Berth	No. of Days		Percentage
		Available	Occupied	
1	BTP	330	230	70
2	NCB	330	160	49
3	COT	330	170	51
4	NTB	330	166	50
5	Q1	330	150	45
6	Q10	330	217	66
7	Q2	330	47	14
8	Q3	330	14	4
9	Q4	330	160	49
10	Q5	330	176	53
11	Q6	330	162	49
12	Q7	330	198	60
13	Q8	330	167	51
14	Q9	330	161	49
15	SCB	330	5	2
16	SPM	330	174	53
17	STB	330	31	9
18	V2	330	222	67
19	V3	330	171	52
20	LNG	330	9	3
21	UTL	330	330	100
Grand Total		6930	3119	45

STATEMENT- 24

AVAILABILITY OF CARGO HANDLING EQUIPMENTS

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

S. No.	Description of Equipment	Number of Equipment	Required to meet the Traffic		Short Supply Due to (Percentage)				Number of Unit Overhauled	Number of Unit underwent Major Repair	Remarks
			Average Demand per day (No.)	Average Supply per day (No.)	Absentism of Staff	Shortage of Equipment	Equipment Break Down	Stoppage of work			
1	Harbour Mobile Crane	1 No	1 No	1 No					NIL	NIL	
2	Fork Lift Trucks	12 Nos	12 Nos	12 Nos					12 Nos	Nil	
3	Reach Stacker	2 Nos	2 Nos	2 Nos					Nil	Nil	

STATEMENT- 25 SHORE LABOUR PRODUCTIVITY

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

Datum Line and Cargo	Commodity	No. of hooks worked	Hooks hrs worked	Effective hooks hrs worked	Man hrs worked	Effective man hrs worked	Tonnage Handled	Average Productivity (Tonnes)			
								Per hook	Per hook hour	Per effective hook hour	Per man hour
1		2	3	4	5	6	7	8	9	10	11
A. Unloaded											
1	BAUXITE IN BULK	14	113	104	949	875	11745	839	104	113	12
2	CLINKER IN BULK	103	828	764	5742	5321	62493	607	75	82	11
3	COAL IN BULK	49	389	363	1283	1200	44000	898	113	121	34
4	DEFENCE CARGO	21	166	117	2380	1741	920	44	6	8	0
5	MACHINE AND SPARE PARTS	1	7	6	94	77	14	14	2	2	0
6	METALS & METAL PRODUCTS	41	324	289	3720	3301	16128	393	50	56	4
7	MURATE OF POTASH CONVENTIONAL	35	279	270	2145	2082	16500	471	59	61	8
8	PROJECT CARGO	17	132	118	1627	1454	3339	196	25	28	2
9	SAIL BOAT/YACHT	1	7	7	91	91	106	106	15	15	1
10	SALT IN BULK	112	895	846	6785	6412	105300	940	118	124	16
11	STEEL CARGO COASTAL	4	31	28	341	311	1946	487	63	69	6
12	STEEL PLATES	31	245	197	3125	2519	7065	228	29	36	2

Contd...

Datum Line and Cargo	Commodity	No. of hooks worked	Hooks hrs worked	Effective hooks hrs worked	Man hrs worked	Effective man hrs worked	Tonnage Handled	Average Productivity (Tonnes)				
								Per hook	Per hook hour	Per effective hook hour	Per man hour	Per effective man hour
1		2	3	4	5	6	7	8	9	10	11	12
13	WHEAT IN BULK	396	3139	2883	21212	19474	174344	440	56	60	8	9
	Total(A)	825	6554	5993	49493	44858	443901	538	68	74	9	10
B. Loaded												
1	DEFENCE CARGO	2	14	13	157	146	521	261	37	39	3	4
2	IRON HYDROXIDE	3	24	21	144	125	2070	690	86	100	14	17
3	METALS & METAL PRODUCTS	15	107	78	1305	953	2114	141	20	27	2	2
	Total(B)	20	145	112	1606	1224	4706	235	32	42	3	4
	Grand Total (A+B)	845	6699	6105	51099	46082	448606	531	67	73	9	10

STATEMENT- 26 DOCK LABOUR PRODUCTIVITY

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

Sl. No.	Commodities	No. of hooks worked	Hook Hrs/ Effective hooks hrs worked	Man hrs/ Effective man hrs worked	Tonnage Handled	Average Productivity (Tonnes)		
						Per hook	Per hook hour	Per man hour
A.	Break Bulk							
	DEFENCE CARGO	23	131	1887	1441	63	11	1
	MACHINE AND SPARE PARTS	1	6	77	14	14	2	0
	METALS & METAL PRODUCTS	56	367	4255	18242	326	50	4
	PROJECT CARGO	17	118	1454	3339	196	28	2
	SAIL BOAT/YACHT	1	7	91	106	106	15	1
	STEEL CARGO COASTAL	4	28	311	1946	487	69	6
	STEEL PLATES	31	197	2519	7065	228	36	3
	A Total	133	853	10593	32154	242	38	3
B.	Dry Bulk							
	BAUXITE IN BULK	14	104	875	11745	839	113	13
	CLINKER IN BULK	103	764	5321	62493	607	82	12
	COAL IN BULK	49	363	1200	44000	898	121	37
	IRON HYDROXIDE	3	21	125	2070	690	100	17
	MURATE OF POTASH CONVENTIONAL	35	270	2082	16500	471	61	8
	SALT IN BULK	112	846	6412	105300	940	124	16
	WHEAT IN BULK	396	2883	19474	174344	440	60	9
	B Total	712	5252	35488	416452	585	79	12
	Total(A+B)	845	6105	46082	448606	531	73	10

Note: Tonnage handled is in respect of ships sailed during a period.

STATEMENT- 27

AVAILABILITY & UTILIZATION OF EQUIPMENTS (OTHER THAN CONTAINER HANDLING)

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

S. No.	Item	Mobile Harbour Crane	Wharf Crane	Fork Lift Truck	Pay loaders	Tractor/ Trailer	Locomotive	Reach Stacker
1	No. of Equipment	1No	Nil	12 Nos	Nil	Nil	Nil	
2	Capacity of Equipment (No. with Unit)	40T		3T-11Nos & 5T-1No.				
3	Total No. of Gross Hrs available (No. of Days xNo. of Equipmentx24#)	8688		52411.5				
4	Not available Hrs due to:							
	(i) Overhaul & maintenance	600		2205				
	(ii) Break down	0		2442.75				
	(iii) Holidays & offtime	0		0				
	(iv) Others	0		0				
5	Net available working Hrs.(3-4)	8088		47763.75				
6	% Availability (5/3) x100	93.09%		91.13%				
7	Actual working Time	563.5		14448.71				
8	% Utilisation on the basis of:							
	(a) Gross Available Hrs. (7/3)x100	6.49%		27.57%				
	(b) Net Available Hrs. (7/5)x100	6.97%		30.25%				
9	Utilisation Norms	35%		35%				

STATEMENT- 28 AVAILABILITY & UTILIZATION OF CONTAINER HANDLING EQUIPMENT

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

S. No.	Item	Quay side Gantry Crane	Rubber Tyred Gantry Crane	Rail mounted Gantry Crane	Tata P & H Crane	Top Lift Truck	Fork Lift Truck/Front End Loader	Reach Truck	Tractor Trailer
1	2	3	4	5	6	7	8	9	10
1	Fleet Strength	4	15				2	3	
	Capacity/Equipment	70	40				8	40	
2	Total possible equipment Hrs (24@ X No. of Days X No. of Equipments)	35040	131400				17520	26280	
3	Hrs lost due to scheduled maintenance	2037	5188				424	432	
4	Hrs lost under break down	51	35				8	5	
5	Hrs lost due to recess	0	0				0	0	
6	Actual equipment available Hrs. (2-(3+4+5))	32952	126177				17088	25843	
7	% Availability (6/2)*100	94.04%	96.03%				97.53%	98.34%	
8	Hrs actually worked during the years	13928	63539				8991	3626	
9	% Utilisation on the basis of								
(a)	Availability Hrs. (8/6)*100	42.27%	50.36%				0.53	14.03%	
(b)	Total possible Equipment Hrs. (8/2)*100	39.75	48.36				51.32	13.80	
10	Utilisation Norms	0.3974	0.4835				0.5132	0.1379	

Definitions:

1. No. of Days : No. of Days the dock is working
 2. No. of Equipment : All Equipment available with the Deptt.
 3. Scheduled maintenance : Preventive maintenance and periodical overhauls only
 4. Recess : Meal Breaks notified by the Port
 5. Breakdown : The equipment is not working for more than 15 mts.
- @: If the port is operating in two shifts, then 16 hours may be considered.

STATEMENT- 29

PERFORMANCE OF CONTAINER HANDLING EQUIPMENT

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

S.No.	Item	Quayside Gantry Crane	Rail mounted Gantry Crane	RTG Crane
1	2	3	4	5
1	Total No. of Equipment	4		15
2	Total No. of Shifts worked	728		728
3	Total No. of Equipment working hrs. (Completion time-commencement time)	13928		63539
4	Total No. of Containers Handled	387022		680025
5	No. of Containers Handled per working hour (4/3)	27.8		10.7
6	Total Idle time	4529.6		3849.9
7	Total No. of hrs. actually worked (3-6)	9398.4		59689.1
8	Total No. of Containers Handled per actual worked hour (4/7)	41.2		11.4

STATEMENT- 30 PERFORMANCE OF DREDGER

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

S. No.	Particulars	Unit	Name of Dredger(s)		Remarks
			i) G.H.D.N.S.	ii)	
1	2	3	4	5	6
1	Quantity dredged	Lakh m ³	7.7		
2	Working days	Days	273.5		
3	Non-Working days				
	a) Sunday & Holidays	Days	65		
	b) Dry-docking	Days	Nil		
	c) Over-haul	Days	Nil		
	d) Repairs, Maintenance & Bunkering	Days	26.5		
	e) Bad Weather	Days	Nil		
	f) Crew shortage	Days	Nil		
	g) Others	Days	Nil		
4	Total Days (2+3)	Days	365		
5	Quantity dredged per working day	m ³	2817		
6	Rate per Cu.m. of dredging	m ³			
	a) Including depreciation & Interest	Rs.			
	b) Excluding depreciation & Interest	Rs.	98.18		

STATEMENT- 31

NUMBER, TYPE AND SIZE OF SHIPS SAILED

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

S.No.	Category of Ships	No. of ships sailed	NRT	GRT	DWT
A	Cargo Operation				
1	Container	696	10,775,603	20,105,672	24,519,788
	(a) Cellular	696	10,775,603	20,105,672	24,519,788
	(b) Combination	0	0	0	0
2	Break Bulk	31	161,794	458,322	319,663
3	Dry Bulk				
	(a) Mechancial	80	451,576	1,040,732	1,560,836
	(b) Conventional	20	216,084	383,853	645,413
4	Liquid Bulk	389	8,378,357	15,611,200	27,033,203
5	Lash	0	0	0	0
6	Ro-Ro	0	0	0	0
	Total	1216	19,983,414	37,599,779	54,078,903
B	Passenger Carriers	413	2,028,978	4,289,678	1,260,895
C	Others	28	84,431	191,568	164,848
D	Grand Total	1657	22,096,823	42,081,025	55,504,646

STATEMENT- 32 PASSENGER TRAFFIC AT MAJOR PORT

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

Year	Overseas			Coastal			Total		
	Embarked	Dis embarked	Total	Embarked	Dis embarked	Total	Embarked	Dis embarked	Total
	1	2	3	4	5	6	7	8	9
2012-13	37,178	36,817	73,995	91,597	84,457	176,054	128,775	121,274	250,049
2013-14	24,615	24,900	49,515	84,966	80,375	165,341	109,581	105,275	214,856
2014-15	27,867	28,342	56,209	87,974	77,962	165,936	115,841	106,304	222,145
2015-16	31,610	35,541	67,151	88,975	95,523	184,498	120,585	131,064	251,649
2016-17	54,789	54,265	109,054	97,522	102,404	199,926	152,311	156,669	308,980

STATEMENT- 33 ACCIDENTS AT MAJOR PORT

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

S. No.	Causation	Fatal		Non-Fatal		Total	
		Port area	Non-Port area	Port area	Non-Port area	Port area	Non-Port area
1	2	3	4	5	6	7	8
1	Persons falling	Nil	Nil	1	Nil	1	Nil
2	Falling of objects	Nil	Nil	1	Nil	1	Nil
3	Stepping on, striking against or struck by objects	Nil	Nil	Nil	Nil	Nil	Nil
4	Caught in between objects	Nil	Nil	Nil	Nil	Nil	Nil
5	Over-exertion or wrong movements	Nil	Nil	Nil	Nil	Nil	Nil
6	Exposure to or contact with extreme temperature	Nil	Nil	Nil	Nil	Nil	Nil
7	Explosions	Nil	Nil	Nil	Nil	Nil	Nil
8	Exposure to or contact with harmful substances including radiation	Nil	Nil	Nil	Nil	Nil	Nil
9	Other cases	Nil	Nil	Nil	Nil	Nil	Nil
Total		Nil	Nil	2	Nil	2	Nil

STATEMENT- 34 EMPLOYMENT AT MAJOR PORT

A. Employment at Major Port (As on 31st March)

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

Officers		Non-Cargo Handling Workers			Cargo Handling Workers Other than Shore Workers		Shore Worker	Casual Worker	Total
Class I	Class II	Class III	Class IV	Others	Class III	Class IV			
1	2	3	4	5	6	7	8	9	10
110	99	292	131	982	135	150	-	-	1899

B. Employment at Dock Labour Boards of Major Port (As on 31st March)

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

DLB Employment					Dock Workers				Grand Total
Class I	Class II	Class III	Class IV	Total	Registered	Listed	Others	Total	
1	2	3	4	5	6	7	8	9	10
NIL									

C. Mandays Lost at Major Port

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

Mandays Employed			Mandays Lost				Mandays Lost per 1000 Mandays Employed		
PE	DE	Total	Reason	PE	DE	Total	PE	DE	Total
1	2	3	4	5	6	7	8	9	10
691340	0	691340	Strike	1795	0	1795	2.60	0	2.60

PE: Port Employee/Worker

DE: DLB Employee/Worker

STATEMENT- 35

INCOME & EXPENDITURE OF MAJOR PORT

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

S.No	Head	Current Year	Previous Year
1	2	3	4
1	Income		
A	Operating Income		
a	Cargo handling(excluding royalty income)		
	(i) Petroleum, Oil and lubricants	66.45	55.78
	(ii) Others	21.48	19.97
b	Vessel related income	232.75	201.18
c	Railway earning	-	-
B	Estate Income	94.87	88.85
2	Expenditure		
A	Operating Expenditure		
a	Cargo handling		
	(i) Petroleum, Oil & Lubricants	6.8	6.33
	(ii) Others	48.23	48.92
b	Vessel related expenditure	179.81	178.14
c	Railway expenditure	-	-
B	Estate Non-operating Expenditure	133.67	132.97
3	Operating Surplus (1A-2A)	85.84	43.54
4	Finance & Miscellaneous Income	48.80	73.10
5	Royalty Income	80.69	71.47
6	Finance & Miscellaneous Expr	203.69	184.52
7	Total Income(1+4+5)	545.04	510.35
8	Total Expenditure(2+6)	572.2	550.88
9	Net Surplus (7-8)	-27.16	-40.53

Note: 1. Operating Expenditure to be apportioned as recommended in concepts and definitions.

2. Operating Income and expenditure of all commodities whose share in total cargo handled is more than 15% is to be separately furnished. For remaining commodities, information may be included in others.

STATEMENT- 36

APPLICATION OF FUNDS & OTHER FINANCIAL STATISTICS

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

S.No	Head	Current Year	Previous Year
1	2	3	4
A	Fixed Operating Assets (Net Block)		
a	Cargo handling & storage	147.23	148.12
b	Port & dock facilities	132.20	133.87
c	Railway	0	0
d	Estate (Operating assets)	42.29	43.26
e	Management & General Administration	95.77	98.86
	Total Net Block	417.48	424.10
B	Capital Work in Progress	18.50	11.3
C	Investments*	0.15	0.15
D	Current Assets	412.06	331.32
E	Current Liabilities	713.53	602.07
F	Net Current Assets (D-E)	-301.47	-270.75
G	Capital Expenditure under PPP	0	0
a	By Port		
	(i) For land acquisition	0	0
	(ii) Other capital expenditure	0	0
b	By Private operators)		
	(i) For land acquisition	0	0
	(ii) Other capital expenditure	4768.99	4766.93
H	Capital Employed (Net)	-126.16	-89.03

STATEMENT- 37 OPERATING EXPENDITURE BY HEAD OF EXPENDITURE

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

S.No	Head	Current Year	Previous Year
1	2	3	4
A	Operating expenditure		
1	Salaries & wages	142.66	142.52
2	Stores	15.99	14.41
3	Operation/Maintenance	134.35	135
4	Electricity	24.39	23.11
5	Depreciation	20.65	20.9
6	Security	19.07	21.11
7	Medical	3.83	3.88
8	Office administration	7.57	5.43
9	Other expenditure	-	-
	Total Operating expenditure	368.51	366.36
B	Management and General Administration expenditure as per PL Account	110.01	111.28

STATEMENT- 38

FINANCIAL DATA OF PRIVATE TERMINAL OPERATOR

Name of Terminal Operator : India Gateway Terminal Operator

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

(Rs. In crores)

S.No	Head	Current Year	Previous Year
1	2	3	4
1	Operating Income		
a	Cargo handling(excluding royalty income)	223.99	202.56
b	Vessel related income	29.53	2.04
	Total Operating Income	253.52	204.60
2	Operating Expenditure		
a	Cargo handling	269.05	268.23
b	Vessel related expenditure	0	0
	Total Operating Expr	269.05	268.23
3	Total Income(1+4+5)	253.52	204.60
4	Total Expenditure(2+6)	269.05	268.23
5	Capital Expenditure under PPP	0	0
	(i) For land acquisition	0	0
	(ii) Other capital expenditure	1107.06	1105.43
6	Net Capital Employed*	421.49	605.05

Note: 1. Operating expenditure to be apportioned as recommended in concepts and definitions
2. Separate data for each terminal operator at a Major Port be furnished.

STATEMENT- 39 FINANCIAL INDICATORS

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

(Rs. In crores)

S.No.	Description	Current yr	Previous yr
1	2	3	4
1	Return on Capital		
a	Capital Employed (Excl Work-in-progress)	-126.16	-89.03
b	Net surplus before Tax	-27.16	-40.53
c	RoCE including Royalty income (1b/1a)	0.22	0.46
d	Net surplus before Tax (excl Royalty income)	-107.85	-112.00
e	RoCE excluding Royalty income (1d/1a)	0.85	1.26
f	Profit Ratio (Net surplus/Total income)	-0.05	-0.08
g	Turnover Ratio (Net Surplus/Operating income)	-0.05	-0.09
2	Operating Ratio		
a	Operating Expenditure	368.51	366.36
b	Operating Income	496.23	437.25
c	Operating Ratio (2a/2b) %	74.26	83.79
3	Ratio of Cost of Earnings (activity-wise)		
	(percentage of Cost to Earnings		
a	Cargo Handling and Storage	0.63	0.73
b	Port and Dock Facilities for Shipping	0.77	0.89
c	Railway Workings	-	-
d	Rentable Lands and Buildings	0.25	0.24
A	Direct Cost (excl Depn & Over heads)		
a	Cargo Handling and Storage	48.11	47.89
b	Port and Dock Facilities for Shipping	171.93	170.08
c	Railway Workings	-	-
d	Rentable Lands and Buildings	22.07	20.11
B	Total Cost (incl Depn & Over heads)		
a	Cargo Handling and Storage	55.03	55.24
b	Port and Dock Facilities for Shipping	179.81	178.14
c	Railway Workings	-	-
d	Rentable Lands and Buildings	23.66	21.69

STATEMENT- 40

CAPITAL EXPENDITURE ON PLAN AND NON-PLAN SCHEMES

Port: COCHIN PORT TRUST

Year: 2016-17 (As on March 2017)

(Rs. In crores)

S. No.	Description	Approved Outlay during 12th Plan	Current Year 2016-17					Actual Expenditure in 12th Plan up to 31.03.2017	Cumulative for the Plan Period (up to 31.03.2017)					Remarks
			Approved outlay 2016-17	Internal Resources	Budgetary Support	Others (specify)	Total		Approved outlay	Internal Resources	Budgetary Support	Others (specify)	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A	Plan Works													
a	Continuing Schemes													
1	Rail Connectivity to the ICTT Project site at Vallarpadam (B.S)	0.00	0.00	0.00	0.00	0.00	0.00	20.00	25.00	0.00	20.00	0.00	20.00	RVNL awarded the construction work to M/s. Afcons Infrastructure Limited on 21/02/2007. The facility has been commissioned on 11th Feb. 2011 with temporary level crossing arrangement, pending completion of road over bridge. Action is being initiated by RVNL for tendering of road over bridge. An amount of Rs.20 crores have been deposited with M/s. RVNL to take up the work.
2	Construction of Sub-way (B.S)	0.00	16.00	0.00	9.33	0.00	9.33	21.76	79.00	0.00	21.76	0.00	21.76	Work of Construction of Fly over & RoB is awarded to the contractors M/s GPT Geo JV., Kolkatta for Rs.59.97 crores on 17/01/2015 and work commenced on 09/02/2015 as per the Design & Supervision of Consultants, M/s Shrikande Consultants Pvt Ltd., Mumbai. Deck slab construction completed. All Major works are completed. Extension has been granted up to 31/03/2017, provisionally.

S. No.	Description	Approved Outlay during 12th Plan	Current Year 2016-17					Actual Expenditure in 12th Plan up to 31.03.2017	Cumulative for the Plan Period (up to 31.03.2017)					Remarks
			Approved outlay 2016-17	Internal Resources	Budgetary Support	Others (specify)	Total		Approved outlay	Internal Resources	Budgetary Support	Others (specify)	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
3	Reclamation and development of land at South End	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	
4	Procurement of 1 Electric level Luffing/ Harbour Mobile Cranes	36.00	0.00	0.00	0.00	0.00	0.00	19.11	19.00	19.11	0.00	0.00	19.11	Order placed to M/s Italgru, Italy on 6.2.2012 for supply of 1 nos. MHC at a value of Euro 21,15,000 for supply portion and a value of Rs.18,56,400 for commissioning. Crane commissioned on 31.10.2012
5	Bunkering Terminal (Land Development)	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.00	0.00	
6	Capital Dredging of Channels Phase-II (B.S)	0.00	0.00	0.00	0.00	0.00	0.00	35.07	0.10	0.00	35.07	0.00	35.07	Deemed completion of Capital Dredging in respect of Outer and Inner Channel achieved on 30.04.2010. Dredging work in the ICTT basin partly carried out of by M/s Jaisu Shipping Co. and subsequently by M/s. Mercator Shipping Lines both of whom abandoned the work without completing. The balance dredging work entrusted with M/s.DCI. Dredging work by deploying CSD/TSHD completed and 14.50m draft declared on 22.4.2013.

S. No.	Description	Approved Outlay during 12th Plan	Current Year 2016-17					Actual Expenditure in 12th Plan up to 31.03.2017	Cumulative for the Plan Period (up to 31.03.2017)					Remarks
			Approved outlay 2016-17	Internal Resources	Budgetary Support	Others (specify)	Total		Approved outlay	Internal Resources	Budgetary Support	Others (specify)	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
7	Special economic Zone	0.00	0.00	0.00	0.00	0.00	0.00	2.3233	5.00	2.3233	0.00	0.00	2.3233	The works of raising low lying areas at Vallarpadam and dredge & filling of the area on the western side of bolgatty completed for Rs.6.686 crores and construction of rubble mound wall for bank protection and dredging for desilting RMP Thodu at Puthuvyppeen completed for Rs.2.73 crores. An amount of Rs.2.77 crores is incurred towards Land acquisition for direct road connectivity to Puthuvyppeen SEZ. The works of providing direct road connectivity to SEZ area at Puthuvyppeen completed for Rs.11.51 crores and raising the low lying area at Puthuvyppeen SEZ completed for Rs.3.06 crores.
	Total (a)	36.00	16.10	0.00	9.330	0.00	9.33	98.2633	129.46	21.4333	76.830	0.00	98.2633	
b	New Schemes													
1	Capital dredging for creation of berth basin for ICTT - Phase III (Extension of length of basin by 300m) (B.S)	40.00	0.00	0.00	0.00	0.00	0.00	0.00	10.10	0.00	0.00	0.00	0.00	Taken provision provided. The work will be taken up only in live with the phased development of ICTT, which is to be taken up by the BOT operator based on the traffic build up.

S. No.	Description	Approved Outlay during 12th Plan	Current Year 2016-17					Actual Expenditure in 12th Plan up to 31.03.2017	Cumulative for the Plan Period (up to 31.03.2017)					Remarks
			Approved outlay 2016-17	Internal Resources	Budgetary Support	Others (specify)	Total		Approved outlay	Internal Resources	Budgetary Support	Others (specify)	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	Phase-IV for extending the length of the 900m (B.S)	120.00	0.10	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	
3	Strengthening & Deepening of EKM Wharf	50.00	1.00	0.68	0.00	0.00	0.68	0.68	11.10	0.68	0.00	0.00	0.68	Providing high capacity fender at Ernakulam Wharf is completed
4	Deepening of EKM channel- Q5 to Q7 frontage	35.00	1.00	0.00	0.00	0.00	0.00	0.00	6.10	0.00	0.00	0.00	0.00	
5	Reconstruction of NTB	50.00	1.00	0.00	0.00	0.00	0.00	0.3066	13.10	0.3066	0.00	0.00	0.3066	Expenditure towards installation of Fire fighting facilities at NTB. The work already taken up under Coastal berth scheme and in progress.
6	Deepening of Mattancherry Channel (B.S)	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	Reconstruction of STB	50.00	1.00	0.00	0.00	0.00	0.00	0.00	11.10	0.00	0.00	0.00	0.00	Now proposed to be taken up by BPCL-KR

S. No.	Description	Approved Outlay during 12th Plan	Current Year 2016-17					Actual Expenditure in 12th Plan up to 31.03.2017	Cumulative for the Plan Period (up to 31.03.2017)				Remarks	
			Approved outlay 2016-17	Internal Resources	Budgetary Support	Others (specify)	Total		Approved outlay	Internal Resources	Budgetary Support	Others (specify)		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
8	Replacement and modification of cargo handling equipment	17.00	3.50	2.73	0.00	0.00	2.73	19.75	39.80	19.75	0.00	0.00	19.75	a) Procured 2 Nos. Diesel Fork Lift Trucks of capacity 3 Tons from on M/s.Komatsu LTD., Japan at a CIF cost of 6020,000 Yen. Equipment commissioned on 27-11-2012 and payment made. b) Order was placed for replacing the existing 4 Nos. Marine Unloading arms with 3 Nos. new Marine Unloading Arms, at Cochin Oil Terminal on M/s.SVT GmbH, Germany on 31-12-2012, at a cost of Euro 1,384,250 (CIF cost) for supply and Rs.1.65,16,920/- for dismantling, erection and commissioning. Arms commissioned on 18-12-2013. Under ASIDE scheme c) Procurement of 1 No. Heavy duty Reach Stacker, 45 Ton capacity - LOA issued on 29/04/2016 to M/s.TIL ltd, at a total cost of 2.34 Crs. M/s TIL Ltd supplied the HDRS on 29/07/2016 and taken over on 30-07-2016. d) LOA issued on 18/07/2016 to M/s KION India Pvt Ltd, Pune, for supply of 2Nos 3Ton and 1No. 5Ton Capacity Fork Lift Trucks at a total cost of Rs.33,17,204/- Items received on 26-10-2016. e) Procured 200 Nos. Plastic crates at a total cost of Rs. 6,09,000/- by SDMM, CoPT.

S. No.	Description	Approved Outlay during 12th Plan	Current Year 2016-17					Actual Expenditure in 12th Plan up to 31.03.2017	Cumulative for the Plan Period (up to 31.03.2017)					Remarks
			Approved outlay 2016-17	Internal Resources	Budgetary Support	Others (specify)	Total		Approved outlay	Internal Resources	Budgetary Support	Others (specify)	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
9	Development at SEZ area	4.00	0.50	0.92367	0.00	0.00	0.92367	0.92	2.85	0.92367	0.00	0.00	0.92367	The work of Construction of Administrative building is awarded on 23.2.2016 for Rs.92.27 lakhs. Site taken over on 10.03.2016. Eligible extension granted till 29/12/2016. Work completed on 29/12/2016. Electrical part not included.
	a) Construction of Administrative & Commercial offices and related establishment cost at PBSEZs													
	b) Providing common infrastructure facilities at SEZ	15.00	1.00	0.00	0.00	0.00	0.00	20.911	32.15	20.911	0.00	0.00	20.911	(i) Construction of drain along the eastern boundary of BPCL-KR and IOCL premises in the Puthuvyppeen SEZ (Phase-I) was completed on 15/07/2014. Completion cost Rs. 3.287 Cr. (ii) Construction of Road and drain (phase-II) along the eastern boundary of BPCL-KR and IOCL premises in Puthuvyppeen SEZ was completed on 13/09/2014. Completion cost Rs. 16.553 Cr. (iii) Construction of drain-Phase III has also been taken up for Rs. 105 lakhs and completed. Completion cost Rs.1.153 Cr.

S. No.	Description	Approved Outlay during 12th Plan	Current Year 2016-17					Actual Expenditure in 12th Plan up to 31.03.2017	Cumulative for the Plan Period (up to 31.03.2017)					Remarks
			Approved outlay 2016-17	Internal Resources	Budgetary Support	Others (specify)	Total		Approved outlay	Internal Resources	Budgetary Support	Others (specify)	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	c) Fencing for Puthuvyppeen SEZ and road to MULT		0.10						0.10					
	d) Land Development at PBSEZs	5.00	1.00	0.00	0.00	0.00	0.00	1.09	7.10	1.09	0.00	0.00	1.09	
	e) Land Acquisition		0.10						0.10					
	f) Independent Engineer for LNG Port Project		0.01						0.01					
10	Development of General Cargo Terminal at Q8-Q9 berths	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.18	0.05	0.00	0.00	0.05	Anticipated expenditure towards the cost of Transaction Adviser and Environment clearance.
11	Development of Port Hospital	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.00	
12	Conversion of existing Q4 berth in Mattancherry Wharf to Oil Berth	20.00	0.00	0.00	0.00	0.00	0.00	4.9324	23.05	4.9324	0.00	0.00	4.9324	It was decided to provide only the bare minimum Fire Fighting facilities and lightings initially and to consider later for providing full fledged facilities when traffic increases. Works for providing Fire Fighting facilities completed and the system taken over w.e.f. 28.03.2014.

S. No.	Description	Approved Outlay during 12th Plan	Current Year 2016-17					Actual Expenditure in 12th Plan up to 31.03.2017	Cumulative for the Plan Period (up to 31.03.2017)				Remarks	
			Approved outlay 2016-17	Internal Resources	Budgetary Support	Others (specify)	Total		Approved outlay	Internal Resources	Budgetary Support	Others (specify)		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
13	Standardisation of Electrical Power supply distribution network at W/ Island.	10.00	3.00	0.91	0.00	0.00	0.91	6.10	17.00	6.10	0.00	0.00	6.10	The works are being carried out in a phased manner. 2nd phase of the works completed during 2013-14 at a cost of Rs.1.42 Cr. Work order placed for the 3rd phase of work, at a cost of Rs. 1.55 Cr which has been completed by 15.03.2015. Fourth phase (Non-IPDS) work completed by 15.03.2016. IPDS:- 1. Solar Project. Proposal for Solar Project amounting to Rs.1.5 Crore under IPDS Project was sent to Ministry of Power through KSEB on 29-04-2015. The Monitoring committee constituted for approving the proposal of IPDS Project met on 16-09-2015 and reduced the project cost to Rs.1.05 Crore. Lol issued on 07-12-2016 at a total cost of Rs.98.86,400/- and completed on 31-03-2017. IPDS-2. Strengthening of sub transmission and power distribution system at W-Island-The Scope of work of this phase was included in the proposal for Strengthening of sub transmission and distribution system estimating to Rs. 4.34 Cr. Sanctioned estimated cost of Rs. 4.34 Cr. The Project is approved by MoP on 28-04-2016. Sanction received from PFC, New Delhi on 09-08-2016. Sanction Order vide No. 2: 16: IPDS; CPT; KERALA; 40890 dated 09-08-2016. Project Management Agency was appointed on 31/08/2016. NIT floated on 07-02-2017 with due date is on 22-03-2017 and extended to 07-04-2017.

S. No.	Description	Approved Outlay during 12th Plan	Current Year 2016-17					Actual Expenditure in 12th Plan up to 31.03.2017	Cumulative for the Plan Period (up to 31.03.2017)					Remarks
			Approved outlay 2016-17	Internal Resources	Budgetary Support	Others (specify)	Total		Approved outlay	Internal Resources	Budgetary Support	Others (specify)	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
14	Procurement of Floating Craft.	6.00	0.10	0.00	0.00	0.00	0.00	0.50	9.10	0.50	0.00	0.00	0.50	Procured 2 Nos. Mooring Launches (unused 2009 make) from M/s Sethusamudram Corporation Ltd., on outright purchase basis, at a total cost of Rs.30 Lakhs + Taxes. The launches arrived at Cochin on 30-11-2014. Certain modifications/repairs were to be made for commissioning the launches. Work order was placed for the work, on 05-02-2015. After completing the modification/repair works, the 1st launch commissioned on 02/07/2015 and 2nd launch on 08/07/2015
15	Improvements of water supply system in W/Island	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0	0.00	0.00	0.00	
16	Disaster Management	5.00	0.00	0.00	0.00	0.00	0.00	0.9843	4.00	0.9843	0.00	0.00	0.9843	Token provision
17	Feasibility Study	3.00	1.00	0.4079	0.00	0.00	0.4079	3.2889	7.00	3.2889	0.00	0.00	3.2889	Providing consultancy service for obtaining Comprehensive Environmental Clearance is under way and, its connected CRZ mapping, HTL/LTL and CRZ Demarcation are completed. Preparation of feasibility report for establishing Grain and Fertiliser Silos completed. Consultancy service for obtaining EC for flow training works and reclamation on the Northern side of Enakulam channel, foreclosed. Preparation of DPR for International Cruise Terminal, completed. Consultancy services for implementation of Smart Industrial Port City(SIPC) at Cochin Port is under way.

S. No.	Description	Approved Outlay during 12th Plan	Current Year 2016-17					Actual Expenditure in 12th Plan up to 31.03.2017	Cumulative for the Plan Period (up to 31.03.2017)					Remarks
			Approved outlay 2016-17	Internal Resources	Budgetary Support	Others (specify)	Total		Approved outlay	Internal Resources	Budgetary Support	Others (specify)	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
18	Widening to four lane and strengthening of NH 47A	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
19	Outer Harbour project for construction of a Deep Water Port (i) Providing Consultancy services for obtaining Environment clearance for Outer Harbour	3.00	3.00	2.1565	0.00	0.00	2.1565	2.2197	5.50	2.2197	0.00	0.00	2.2197	MoEF & CC issued ToR for preparation of EIA report for Cochin Outer Harbour Project. The EIA study by M/s.L&T Rambol Consulting Engineer Ltd. is progressing. Meanwhile NCESS Thiruvananthapuram has been entrusted for preparing CRZ map of the project. Draft CRZ report and map of the project furnished on 22-09-2016 and CoPT's comments thereon submitted to NCESS on 28-09-2016. In view of the enormity of the project and its potential impacts on the environment, and as per the approved ToR requirements M/s. IIT, Chennai entrusted with the study of "Conducting Mathematical Model Studies for Revalidating the CW-PRS studies, already conducted for Outer Harbour for Rs.4.25 crores on 22-02-2016. Pre monsoon collection report submitted by IITM on 17/07/2016 and CoPT's comments on the report furnished to IITM on 23-08-2016. Data collected by M/s. IIC Technologies Ltd., Hyderabad for the Study on Siltation for implementation of Nautical depth concept in Cochin Port furnished to IITM on 22/09/2016 for considering the same in pre- monsoon study report. IITM has submitted the revised pre-monsoon study report incorporating the data collected for the Nautical depth study on 15/11/2016 and have submitted the monsoon study report on 15/12/2016. Post Monsoon data collection is in progress.

S. No.	Description	Approved Outlay during 12th Plan	Current Year 2016-17					Actual Expenditure in 12th Plan up to 31.03.2017	Cumulative for the Plan Period (up to 31.03.2017)					Remarks
			Approved outlay 2016-17	Internal Resources	Budgetary Support	Others (specify)	Total		Approved outlay	Internal Resources	Budgetary Support	Others (specify)	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
20	Implementation of Environmental Management and Monitoring Plan (EMMP)	0.00	1.50	0.0422	0.00	0.00	0.0422	0.4175	2.50	0.4175	0.00	0.00	0.4175	Final EMMP Report has been submitted by M/s. L & T Infra Engg. Ltd. The report was approved by Board of Trustees of CoPT and had been sent to MoS for getting approval from the Ministry. The proposal seeking financial assistance for Rs. 104.835 lakhs for green port initiatives has been submitted to MoS vide CoPT's letter dated 21.04.2015. Reminder letter sent vide CoPT's letters dated 02/03/2016, 05/08/2016, 06/10/2016, 21/01/2017, 14/02/2017 & 07/03/2017. Work for monitoring air quality and monitoring stack and noise levels at various locations are in progress.
21	Replacement of Mattancherry Wharf - Q1 berth	0.00	0.30	0.00	0.00	0.00	0.00	4.9234	5.30	4.9234	0.00	0.00	4.9234	The work of reconstruction of Q1 berth in Mattancherry Wharf completed on 23-11-2015.

S. No.	Description	Approved Outlay during 12th Plan	Current Year 2016-17					Actual Expenditure in 12th Plan up to 31.03.2017	Cumulative for the Plan Period (up to 31.03.2017)				Remarks	
			Approved outlay 2016-17	Internal Resources	Budgetary Support	Others (specify)	Total		Approved outlay	Internal Resources	Budgetary Support	Others (specify)		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
22	Construction of Rail Over Bridge at Vallarpadam (B.S)	0.00	36.61	0.00	7.64	0.00	7.64	14.09	43.61	0.00	14.09	0.00	14.09	Work of Construction of Fly over & RoB is awarded to the contractors M/s GPT Geo JV., Kolkatta for Rs.59.97 crores on 17/01/2015 pending completion of parallel RoB by NHAI. NHAI completed the parallel RoB and opened the same for traffic on 9.5.2015 and then the area for RoB was handed over to the contractors. All substructure works except railway span is completed. Girder casting is also progressing. The 3rd RCE for Rail Connectivity to ICTT project, costing Rs.409.83 crore was approved by MOS on 16-02-2016. Mos has been addressed for an allocation of Rs 36.61 crores for 2016-17 for the ROB project vide letter dated 15/07/16, 8/8/2016, 17/08/16, 22/09/2016, 23/09/2016, 22/11/16, 17/01/2017, 20/02/2017 & 08/03/2017 and UC for ROB has also been furnished to MoS. Extension has been granted up to 31/03/2017, provisionally. * subject to full clearance of Railway span by Railways.

S. No.	Description	Approved Outlay during 12th Plan	Current Year 2016-17					Actual Expenditure in 12th Plan up to 31.03.2017	Cumulative for the Plan Period (up to 31.03.2017)					Remarks
			Approved outlay 2016-17	Internal Resources	Budgetary Support	Others (specify)	Total		Approved outlay	Internal Resources	Budgetary Support	Others (specify)	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
23	Refurbishment of Coastal Liquid Terminal (B.S)	0.00	19.00	0.00	12.70	0.00	12.70	12.83	19.00	0.00	12.83	0.00	12.83	Agreement for the work executed on 29/09/2015. Site handed over to the contractors on 29-08-15. Works at COT completed and commercial operation commenced through new pipe lines. Dismantling of dilapidated structures at NTB is in progress. Taking up works at NTB deferred to September 2017 in view of BPCL operational requirement of plant. The time for completion of work has been extended upto 31/03/2017. Works at NTB rescheduled to commence from May 2017, tentatively.
24	R&D Studies - Study on siltation for implementation of nautical depth concept in CoPT (B.S)	0.00	7.55	0.00	7.69	0.00	7.69	9.83	13.55	0.00	9.83	0.00	9.83	The work has been entrusted to M/s.IIC Technologies Ltd. Hyderabad at a total cost of Rs.9.55 crores +S.T on 4-11-2014. Period of contract is 18 months. The work commenced on 22-11-2014. Extension granted upto 31/03/2017 by MoS. Assignment completed on 08/03/2017 on submission of final report by M/s. IIC.
25	Construction of Barge jetty at Puthuvypen (ASIDE Scheme)	0.00	10.00	9.913	0.00	0.00	9.913	13.37	20.00	13.37	0.00	0.00	13.37	Work awarded for Rs.34.565 crores on 23/07/2015. Piling work of barge approach trestle & barge receipt manifold completed. Pre-cast works of pile cap, beams and planks are in progress. Piling work of barge berth is completed. Deck work is in progress.

S. No.	Description	Approved Outlay during 12th Plan	Current Year 2016-17					Actual Expenditure in 12th Plan up to 31.03.2017	Cumulative for the Plan Period (up to 31.03.2017)				Remarks	
			Approved outlay 2016-17	Internal Resources	Budgetary Support	Others (specify)	Total		Approved outlay	Internal Resources	Budgetary Support	Others (specify)		Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
26	Procurement of 7 Nos. Buoys from M/s. Sethusamudram Corporation Ltd during 2011		0.10						0.10					Out rate purchase of 7 Nos. Buoys from M/s. Sethusamudram Corporation Ltd., completed. Final payment of Rs.35 lakhs made on 11.01.2016.
	Total (b)	533.00	92.47	17.7633	28.03	0.00	45.7933	117.20	304.01	80.4475	36.75	0.00	117.20	
	Total	569.00	108.57	17.76327	37.36	0.00	55.12327	215.46077	433.47	101.88077	113.58	0.00	215.46077	
B	Non-Plan Works		15.431	6.2293	0.00	0.00	6.2293	25.5125	163.379	25.5125	0.00	0.00	25.5125	
C	Grand Total (A+B)		124.001	23.99257	37.360	0.000	61.35257	240.97327	596.849	127.39327	113.58	0.00	240.97327	

PART III
THE ANNUAL
ACCOUNTS OF THE COCHIN
PORT TRUST FOR 2016-17

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COCHIN PORT TRUST

BALANCE SHEET AS AT 31ST MARCH 2017

PARTICULARS			SCH	2016-17		2015-16	
				Rs.	Rs.	Rs.	Rs.
I	SOURCE OF FUNDS						
RESERVES & SURPLUS			I				
a	Capital Reserve			848,407,574		848,407,574	
b	Funds			4,954,063	853,361,637	4,436,042	852,843,616
c	Statutory Reserves				167,281,794		167,281,794
d	Grants-in- aid				178,317,615		177,219,916
LOAN FUNDS			II				
a	Secured Loans			0		0	
b	Government Loans			5,585,291,433		5,536,516,143	
c	Unsecured Loans			27,057,954	5,612,349,387	107,111,069	5,643,627,212
Total					6,811,310,433		6,840,972,539
	COCHIN FISHERIES HARBOUR		IX		1,887,019		1,887,019
GRAND TOTAL					6,813,197,452		6,842,859,558
II	APPLICATION OF FUNDS						
FIXED/CAPITAL ASSETS			III				
	Gross Block			6,951,695,032		6,820,597,472	
	Less:Provision for Depreciation			2,776,893,827		2,579,607,256	
	Net Block				4,174,801,206		4,240,990,216
	Capital Work-in-Progress				185,001,410		112,995,021
	INVESTMENTS		IV		1,500,000		1,500,000
CURRENT ASSETS, LOANS AND ADVANCES							
a	Current Assets:						
i	Interest accrued			25,793,577		24,171,487	
ii	Inventories			10,980,080		11,035,357	
iii	Sundry Debtors		V	1,414,885,997		1,337,472,941	
iv	Cash & Bank Balances		VI	1,788,593,667		1,293,600,493	
b	Loans & Advances		VII	880,307,099		688,813,550	
Total				4,120,560,420		3,355,093,829	
		Less:Current Liabilities & Provisions	VIII	7,135,254,994		6,062,655,845	
		NET CURRENT ASSETS			-3,014,694,574		-2,707,562,016
c		Profit & Loss account (Accumulated loss)			5,464,702,391		5,193,049,319
TOTAL					6,811,310,433		6,840,972,539
		COCHIN FISHERIES HARBOUR	IX		1,887,019		1,887,019
GRAND TOTAL					6,813,197,452		6,842,859,558

Financial Advisor & Chief Accounts Officer

Chairman

COCHIN PORT TRUST

PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31st MARCH 2017

PARTICULARS	SUB SCH	2016-17	2015-16
		Rs.	Rs.
INCOME			
Cargo Handling & Storage charges	E	1,686,110,526	1,472,238,562
Port & Dock charges (including Pilotage fees)	F	2,327,510,359	2,011,780,670
Railway earnings	G	0	0
Estate Rentals	H	948,728,032	888,466,092
Total		4,962,348,917	4,372,485,324
LESS EXPENDITURE:			
Cargo handling and storage	I	550,311,169	552,437,736
Port & Dock facilities for Shipping (including Pilotage)	J	1,798,114,304	1,781,434,722
Railway workings	K	0	0
Rentable lands and buildings	L	236,586,526	216,913,404
Management & General Administration (not directly attributed to particular activity)	M	1,100,120,287	1,112,767,999
Total		3,685,132,287	3,663,553,862
Operating Profit (+) / Loss (-)		1,277,216,630	708,931,462
Add: Finance & Misc. Income	N	488,017,504	731,012,136
Total		1,765,234,134	1,439,943,598
Less: Finance & Misc. Expenditure	O	2,036,887,206	1,845,178,111
Profit before Tax		-271,653,072	-405,234,513
Less: Provision for taxation			
Profit after Tax		-271,653,072	-405,234,513
Less : Appropriations			
Capital Reserve		0	0
Total			
Balance transferred to Revenue Reserve		-271,653,072	-405,234,513
COCHIN FISHERIES HARBOUR	P		
Income		36,342,044	34,546,687
Expenditure		31,809,673	28,821,595
Surplus (+) / Deficit (-)		4,532,371	5,725,092

Financial Advisor & Chief Accounts Officer

COCHIN PORT TRUST

SCHEDULES TO BALANCE SHEET AS AT 31.03.2017

PARTICULARS	SCH	SUB SCH	2016-17	2015-16
			Rs.	Rs.
RESERVES & SURPLUS	I	A&B		
Capital Reserve			848,407,574	848,407,574
CPE (HBA) Family Benefit Fund			2,879,449	1,668,779
Employees' Welfare Fund			1,851,076	2,605,134
Family Security Fund			223,538	162,129
Total			853,361,637	852,843,616
STATUTORY RESERVES	I	B		
Fund for Replacement, Rehabilitation and Modernisation of Capital Assets			98,385,897	98,385,897
Fund for Development, Repayment of Loans and Contingencies			68,895,897	68,895,897
Total			167,281,794	167,281,794
GRANTS- IN-AID	I	C		
Grant in Aid for Development of dedicated Cruise Passenger Facilitation Centre			-675,129	-181,390
Grant-in-aid under ASIDE Scheme			34,809,276	78,188,637
Grant-in-aid for Development of Walkway and Parking Facilities			43,953,586	-1,285,305
Grant in Aid for Development of Dedicated Cruise Berthing Facility			0	-2,028,894
Grant in Aid for Construction of a Subway/Flyover in front of International Container Transshipment Terminal(ICTT)			-35,253,475	-24,304,518
Grant in Aid under R&D Schemes "Studies on Siltation and Optimal ameliorative measures"			-8,291,326	24,641,348
Grant in Aid for Package Septage Treatment Plant			0	2,577,308
Grant in Aid for Refurbishment & Capacity enhancement of Coastal Liquid Terminal in Cochin Port			44,963,434	73,467,481
Grant in Aid for Procurement Of Pollution Responses(PR) equipment / materials			26,145,250	26,145,250
Grant in Aid - Implementation of projects under IPDS			3,260,000	0
Grant in Aid - Swachhta Action Plan			26,100,000	0
Grant in Aid-Upgradation of berth and backup area of Ekm. Wharf			43,306,000	0
Total			178,317,615	177,219,916
LOAN FUNDS	II			
A. UNSECURED LOANS				
(a) Mumbai Port Trust Loan				
Principal amount of Loan			0	62,500,000
Add:- Interest Accrued			0	18,416,218
(b) Other Source Loan				
Principal amount of Loan			6,639,257	6,639,257
Add:- Interest Accrued			20,418,697	19,555,594
Closing Balance			27,057,954	107,111,069
B. LOAN FROM GOVERNMENT	II			
Principal amount of Loan			2,581,430,444	2,581,430,444
Add:- Interest Accrued			2,828,541,642	2,814,548,396
Add:- Penal Interest Accrued			175,319,347	140,537,303
Closing Balance			5,585,291,433	5,536,516,143

Financial Advisor & Chief Accounts Officer

COCHIN PORT TRUST

SCHEDULES TO BALANCE SHEET AS AT 31.03.2017

PARTICULARS	SCH	SUB SCH	2016-17	2015-16
			Rs.	Rs.
INVESTMENTS	IV			
Investment in shares			1,500,000	1,500,000
Total			1,500,000	1,500,000
SUNDRY DEBTORS	V			
Government Dues - Less than 6 months			113,962,072	100,443,639
- More than 6 month			611,905,466	482,971,984
Non Government Dues - Less than 6 months			59,783,889	64,286,248
- More than 6 month			670,121,190	715,100,198
			1,455,772,618	1,362,802,069
Less: Provision for doubtful debts			40,886,621	25,329,128
Total			1,414,885,997	1,337,472,941
CASH & BANK BALANCES				
Cash on Hand	VI	D	67,354	222,438
Bank Balance :				
Current Accounts			276,405,721	175,115,877
Fixed Deposits			1,512,120,592	1,118,262,178
Total			1,788,593,667	1,293,600,493
LOANS AND ADVANCES (Recoverable in Cash or in kind or for Value to be Received)	VII			
Payment in Advance and Debit Balance			858,415,801	672,810,856
Deposits			21,891,298	16,002,694
Total			880,307,099	688,813,550
CURRENT LIABILITIES & PROVISIONS	VIII			
Current Liabilities				
General Provident Fund			601,764,297	567,555,256
Contributory Pension Fund			0	89,311
Salaries & Wages payable			56,943,860	27,169,646
ESI contribution-Emp			178,217	43,881
EPF contribution-Emp			592,752	1,680,449
Accrued expenses			2,858,182,403	2,489,948,613
Misc. Creditors & Credit Balance			1,546,792,270	1,372,564,517
Stock Adjustment Account			0	529,642
Deposits from Merchants, Contractors & Others			2,070,801,194	1,603,074,531
Total			7,135,254,994	6,062,655,845

Financial Advisor & Chief Accounts Officer

COCHIN PORT TRUST

SCHEDULE III

CAPITAL ASSET REGISTER AS ON 31.03.2017

Assets	GROSS BLOCK			PROVISION FOR DEPRECIATION				NET BLOCK		
	As on 01-04-2016	Additions	Deletions	As on 31-03-2017	Balance as on 01-04-2016	On Deletions	During the year	Total as on 31-03-2017	As on 31-03-2017	As on 01-04-2016
Land	509,172,810	5,743,408	0	514,916,218	0	0	0	0	514,916,218	509,172,810
Capital Dredging	830,696,838	13,567,718	0	844,264,556	156,591,638	0	8,871,691	165,463,329	678,801,227	674,105,200
Buildings,Sheds and other structures	703,571,726	25,853,291	1	729,425,017	285,417,532	0	26,098,351	311,515,883	417,909,133	418,154,195
Wharves,Roads and Boundaries	1,779,058,283	25,847,026	0	1,804,905,309	433,594,381	0	41,026,681	474,621,062	1,330,284,247	1,345,463,902
Floating Crafts	1,608,409,981	5,039,257	3,800,000	1,609,649,238	1,021,417,934	3,799,998	52,647,205	1,070,265,141	539,384,097	586,992,047
Docks, Sea Walls etc	181,856,439	0	0	181,856,439	130,299,530	0	12,012,335	142,311,865	39,544,573	51,556,908
Cranes & Vehicles	164,579,833	12,611,468	5,458,240	171,733,061	79,312,079	5,458,230	15,056,742	88,910,591	82,822,470	85,267,754
Plant and Machinery	377,552,503	7,803,281	0	385,355,784	163,147,272	0	24,504,029	187,651,301	197,704,483	214,405,231
Installations for water, electricity, Fire fighting & Telecommunication	615,913,322	43,890,347	0	659,803,669	264,209,275	0	25,796,391	290,005,666	369,798,004	351,704,047
Oil Pipeline Installations	38,325,308	0	0	38,325,308	37,487,555	0	46,541	37,534,096	791,212	837,753
Miscellaneous Assets	11,460,435	0	0	11,460,435	8,130,067	0	484,826	8,614,893	2,845,542	3,330,368
TOTAL	6,820,597,477	140,355,796	9,258,241	6,951,695,032	2,579,607,262	9,258,228	206,544,792	2,776,893,827	4,174,801,205	4,240,990,215
Capital Work in Progress	112,995,021	116,263,929	44,257,539	185,001,410	0	0	0	0	185,001,410	112,995,021
GRAND TOTAL	6,933,592,498	256,619,725	53,515,780	7,136,696,442	2,579,607,262	9,258,228	206,544,792	2,776,893,827	4,359,802,615	4,353,985,235

Financial Advisor & Chief Accounts Officer

COCHIN PORT TRUST

SUB SCHEDULE - A

CAPITAL RESERVE

PARTICULARS	Rs.
Opening Balance as on 1.4.2016	848,407,574
Closing Balance as on 31.3.2017	848,407,574

Financial Advisor & Chief Accounts Officer

COCHIN PORT TRUST

SUB SCHEDULE - B

DETAILS OF FUNDS & STATUTORY RESERVES

		Family Security Fund	Employees Welfare Fund	House Building Advance - FBF	Reserve for Development, Repayment of loans and Contingencies	Reserve for Replacement, Rehabilitation & modernisation of Capital Assets
	G/L CODE	110102	110101	110100	110201	110200
		Rs.	Rs.	Rs.	Rs.	Rs.
	Balance as on 1 st April 2016	162,129	1,668,778	2,605,134	68,895,897	98,385,897
Add:	Contribution from GRF	800,000	620,000	77,588	0	0
	Contribution from employees	232,042	0	155,175	0	0
	Interest on investments	0	0	173,102	0	0
	Total	1,194,171	2,288,778	3,010,999	68,895,897	98,385,897
Less:	Expenditure/ Adjustments from Fund	970,633	437,702	131,551	0	0
	Balance as at 31st March 2017	223,539	1,851,076	2,879,449	68,895,897	98,385,897

Financial Advisor & Chief Accounts Officer

COCHIN PORT TRUST

SCHEDULE III

GRANT-IN-AID

Sl. No.	Name of work	GL	Grant Received							Expense Incurred							Balance
			2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total	
1	Cruise Passenger Facilitation Centre	110003	2.45	0.65	1.09	1.47	-	-	5.66	-	4.88	0.13	0.67	-	0.05	5.73	-0.07
2	ASIDE grant for Barge Berth	110004	-	-	7.50	-	-	2.28	9.78	-	-	-	-	-	6.99	6.99	2.79
3	ASIDE grant for CFS	110004	-	-	2.02	-	2.02	0.07	4.11	-	-	0.40	2.92	0.40	-0.31	3.41	0.70
4	Development of Walkway of DTPC	110005	-	0.12	1.12	0.00	-	4.75	5.99	-	0.21	0.84	0.01	0.31	0.23	1.60	4.39
5	Development of dedicated Cruise Berthing facilities	110006	-	11.21	-	-	-	0.20	21.38	-	-	8.35	6.19	6.84	-	21.38	0.00
6	Subway-Vallarpadam	110007	-	-	-	10.00	-	8.45	18.45	-	-	-	0.53	11.90	9.54	21.97	-3.52
7	R&D Studies on Siltation	110008	-	-	-	1.25	2.17	0.07	3.49	-	-	-	0.48	0.48	3.36	4.32	-0.83
8	Septage Treatment Plant	110009	-	-	-	1.70	-	-	1.70	-	-	-	0.20	1.24	0.26	1.70	0.00
9	Refurbishment of Coastal Liquid Terminal	110010	-	-	-	-	7.48	5.29	12.77	-	-	-	-	0.13	8.14	8.27	4.50
10	Procurement of Pollution Response Equipment	110011	-	-	-	-	2.61	-	2.61	-	-	-	-	-	-	0.00	2.61
11	Implementation of Projects under IPDS	110012	-	-	-	-	-	0.32	0.32	-	-	-	-	-	-	0.00	0.32
12	Swachhta Action Plan	110013	-	-	-	-	-	2.61	2.61	-	-	-	-	-	-	0.00	2.61
13	Upgradation of berth and backup area of Ekm. Wharf	110014	-	-	-	-	-	4.33	4.33	-	-	-	-	-	-	0.00	4.33
	Total		2.45	11.98	11.73	14.42	24.25	28.36	86.25	0.00	5.09	9.72	11.00	21.30	28.26	75.37	17.83

Financial Advisor & Chief Accounts Officer

COCHIN PORT TRUST

SUB SCHEDULE - D

BALANCE AT BANKS AND CASH ON HAND AS ON 31.03.2017

PARTICULARS	Rs.	
Cash on hand		67,354
Current Account with Nationalised and Scheduled Banks		276,405,721
Fixed Deposits with Banks:		
General Reserve Fund	277,100,000	
Deposit Works	544,085,311	
Grants	87,875,000	
Total Deposits		909,060,311
General Provident Fund		576,500,000
HBA FBF Investments		2,000,000
LC (Margin Money)		24,560,281
TOTAL		1,788,593,667

Financial Advisor & Chief Accounts Officer

COCHIN PORT TRUST

FIXED DEPOSITS AS ON 31.03.2017

(Amount in Rs.)

Sl. No.	Name of Fund / Investment	Long Term Investment	Short Term Investment	Total
1	R & R Fund	-	277,100,000	277,100,000
2	Deposit Works	300,949,011	243,136,300	544,085,311
3	Grants	-	87,875,000	87,875,000
4	HBA FBF	2,000,000	-	2,000,000
5	LC (Margin Money)	-	24,560,281	24,560,281
6	General Provident Fund	576,500,000	-	576,500,000

Financial Advisor & Chief Accounts Officer

COCHIN PORT TRUST

SUB SCHEDULE - D

**SUB - SCHEDULES TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED
31.3.2017**

PARTICULARS	2016-17	2015-16
	Rs.	Rs.
SUB-SCHEDULE - E		
Cargo handling & Storage charges		
Handling & Storages charges on general cargo	168,306,556	149,672,692
Cranage	606,591	1,569,516
Petroleum, Oil and lubricants handling charges	664,547,777	557,842,666
Demurrage on general cargo	6,620,093	13,521,163
Handling and Storage Charges on Containers	6,207,312	5,592,396
Miscellaneous charges - Cargo	32,983,180	29,341,860
Revenue share from ICTT	751,152,316	676,352,044
Waterfront Royalty- LNG Basin	55,686,700	38,346,225
Total	1,686,110,526	1,472,238,562
SUB-SCHEDULE - F		
Port & Dock Charges		
Towage and Mooring fees	175,316,862	157,999,152
Berth Hire charges	235,218,884	181,799,580
Port dues	538,162,665	440,797,417
Pilotage Fees	1,269,871,847	1,044,766,452
Water supply to shipping	14,159,234	21,356,034
Miscellaneous charges - Vessel	9,231,200	10,625,730
Pollution Control Unit	417,101	274,053
Income from Dredging Services	85,132,566	154,162,251
Total	2,327,510,359	2,011,780,670
SUB-SCHEDULE - G		
Railway earnings	0	0
SUB-SCHEDULE - H		
Estate Rentals		
Rent from land	502,074,070	435,232,951
Rent from buildings, sheds & godowns	107,794,405	122,744,125
Miscellaneous Income	321,631,693	317,808,161
Sundry Income	17,227,864	12,680,855
Total	948,728,032	888,466,092

Financial Advisor & Chief Accounts Officer

COCHIN PORT TRUST

**SUB - SCHEDULES TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED
31.3.2017**

EXPENDITURE		
PARTICULARS	2016-17	2015-16
	Rs.	Rs.
SUB-SCHEDULE - I		
Cargo handling & Storage		
Handling & Storage of general cargo at sheds & wharves	376,725,014	391,280,250
Handling & Storage of containers	2,528,900	3,040,319
Operation & maintenance of crane and vessels	25,630,213	28,381,041
Handling of Petroleum, Oil & Lubricants	68,035,090	63,282,690
Expenditure on general facilities at wharves & boundaries	4,234,941	4,075,192
Administration and General expenses	73,136,772	62,272,922
New Minor works	20,240	105,322
Total	550,311,169	552,437,736
SUB-SCHEDULE - J		
Port & Dock facilities for shipping including Pilotage		
Towing, Berthing and Mooring	209,540,595	194,987,187
Pilotage	41,692,102	34,713,850
Water supply to shipping	24,313,981	9,405,748
Fire fighting	82,136,957	76,961,805
Dredging and Marine survey	1,184,807,583	1,229,102,583
Harbour Patrol	5,182,793	4,017,946
Operation & Mtnce. of Navigational aids	39,980,580	40,923,409
Administration and general expenses	210,297,038	191,117,487
New Minor works	162,676	204,707
Total	1,798,114,304	1,781,434,722
SUB-SCHEDULE - K		
Railway workings		
Maintenance of station, other Buildings and structures	0	0

Financial Advisor & Chief Accounts Officer

COCHIN PORT TRUST

SUB SCHEDULE - D

**SUB - SCHEDULES TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED
31.3.2017**

EXPENDITURE		
PARTICULARS	2016-17	2015-16
	Rs.	Rs.
SUB-SCHEDULE - L		
Rentable land and buildings		
Estate maintenance	132,760,855	119,689,591
Administration & General expenses	103,770,771	97,180,774
New Minor works	54,901	43,040
Total	236,586,526	216,913,404
SUB-SCHEDULE - M		
Management & General Administration		
Management & Secretariat expenses	334,542,043	352,467,031
Medical expenses	135,513,292	136,092,608
Stores keeping	18,914,243	18,895,634
Accounting and Auditing	188,646,812	177,371,445
Head office building & telephones	10,605,084	13,371,736
Engineering & workshop administration	133,610,617	130,038,074
Overhead and sundry expenses	277,347,548	284,134,479
New Minor works	940,649	396,993
Total	1,100,120,287	1,112,767,999

Financial Advisor & Chief Accounts Officer

COCHIN PORT TRUST

**SUB - SCHEDULES TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED
31.3.2017**

GL CODE	Description	2016-17	2015-16
		Rs.	Rs.
SUB-SCHEDULE - N			
Finance & Miscellaneous Income			
540000	Sundry Receipts	256,337,436	76,305,192
540001	Profit/Loss on disposal of Capital Assets	4,742,955	3,224,810
540003	Interest recevable from IGTPL	28,235,252	34,797,438
540004	Recovery of Insurance Claim on Capital Assets	19,224,474	0
540005	Interest Income	34,545,950	53,078,266
540006	Sale of Unserviceable & Surplus Stores	1,489,694	5,679,599
540007	Hire of Motor Lorry & Sundry Plants	142,006	498,756
540008	Charges for Project Management Services	50,519,327	32,737,462
540009	Items Relating to Previous Year	31,070,117	7,705,806
540010	Medical Scheme for Pensioners	89,840	160,154
540011	Medical Treatment to Non-Entitled Persons	1,073,845	1,210,596
540012	Premium for lease of land	60,546,608	515,614,057
Total		488,017,504	731,012,136
SUB-SCHEDULE - O			
Finance & Miscellaneous Expenditure			
670000	Scrap of Assets	0	106,917
670001	Interest on loan- Government of India	0	159,268,802
670002	Bank Charges	209,192	364,654
670004	Prov. For Doubtful Debts	17,027,053	0
670006	Contribution to Employees Welfare Fund	620,000	620,000
670007	Contribution to Family Security Fund	400,000	800,000
670008	Contribution to Pension Fund Trust	1,690,592,862	1,407,970,965
670009	Expenditure Relating to Previous Years	81,495,042	8,984,034
670010	Contribution to CPTe HBA FBF	77,588	89,075
670012	Contribution to CPE New Pension Scheme	7,538,061	7,058,746
670013	Refund of Revenue	0	6,392,228
670014	Contribution to Gratuity Fund Trust	146,997,439	223,279,819

GL CODE	Description	2016-17	2015-16
		Rs.	Rs.
670018	Scrap of unserviceable Stores	0	1,599,263
670023	Interest on Electricity Deposit	3,424,215	3,205,650
670024	Interest on loans - Mumbai Port Trust	1,683,118	16,500,154
670025	Penal Interest - GoI Loans	34,782,044	0
670026	Interest on other source loans	863,103	863,103
670027	Expense on Feasibility and R&D Studies	33,700,900	8,074,700
670029	Interest -Others	17,476,589	0
Total		2,036,887,206	1,845,178,111

Financial Advisor & Chief Accounts Officer

COCHIN PORT TRUST

**ADDITIONAL SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR
ENDED 31-03-2017**

OPERATING EXPENDITURE			
GL CODE	Description	2016-17	2015-16
		Rs.	Rs.
SALARIES & WAGES:			
600000	Salaries & Wages (General)	166,589,300	156,350,612
600002	PLR	24,313,290	26,163,577
600003	Overtime	33,042,349	33,522,597
600004	Incentive	3,340,537	3,738,754
600005	Honararium	8,475,035	7,954,027
600006	Leave Encashment	51,481,746	54,218,447
600007	Salaries & Wages (Operational)	636,286,872	635,809,307
600008	Salaries & Wages (R&M)	386,046,516	392,844,567
600010	Leave Travel Concession	128,709	296,184
600011	Staff Amenities & Welfare Measures	40,557	44,420
600012	Employers ESI contribution	1,119,450	1,170,412
600013	Employers EPF contribution	5,609,781	507,312
640000	Salaries (Port Security)	20,801,963	21,075,209
650000	Salaries & Wages-Medical	89,293,614	91,520,467
TOTAL (A)		1,426,569,719	1,425,215,892
STORES			
610000	Stores-General	1,261,549	1,272,651
610001	Stores-Uniform	1,361,294	1,100,616
610002	Stores-Operational	8,043,791	19,608,664
610003	Stores-Fuel	133,354,415	104,791,502
610004	Stores (R&M)	15,933,246	17,356,607
610005	Freight charges	0	7,701
TOTAL (B)		159,954,294	144,137,741
OFFICE & ADMINISTRATIVE EXPENSES			
620000	Consumption Stores-Stationery	699,253	518,855
620001	Books & Periodicals	6,088	12,247
620002	Travelling Expense	5,502,791	6,114,732
620004	Courier charges	232,982	281,321
620005	Licence fees & Royalty	3,100,465	3,057,036
620006	Equipment & Furniture	381,840	109,802
620007	Office Equipment	54,568	116,178
620008	Office furniture	2,400	1,310

Financial Advisor & Chief Accounts Officer

COCHIN PORT TRUST

ADDITIONAL SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31-03-2017

GL CODE	Description	2016-17	2015-16
		Rs.	Rs.
620010	Misc.Expenses	5,755,619	4,524,466
620011	New Minor Works	1,854,875	1,729,723
620012	Trustees Fees	51,000	120,000
620013	Entertainment	3,033,360	903,000
620014	Training Programme	797,490	1,716,631
620015	Sports & Games	600,000	900,000
620016	Legal Charges	19,215,693	7,472,609
620017	Printing Charges	1,578,411	1,520,287
620018	Office Machine hire & service charges	49,277	73,356
620019	Publicity & Advt.	6,151,791	5,111,641
620020	Audit & Accounting	6,380,558	4,891,921
620021	Rent, Rates & Taxes	1,126,919	1,245,339
620022	Telephones	1,888,343	1,863,761
620023	Subscription	202,272	250,903
620024	Donations & Contributions	7,000	7,000
620025	IPA Share Contribution	6,569,162	9,306,870
620026	Marketing expense	10,458,775	2,420,146
TOTAL (C)		75,700,931	54,269,134
OPERATION & MAINTENANCE EXPENSES			
630000	R&M arranged through Contract-Roads	6,739,824	5,501,228
630001	R&M arranged through Contract-Buildings	2,997,244	16,294,413
630002	R&M arranged through Contract-Plant & Equipments	4,304,402	2,745,551
630004	Dry Docking of Floating Crafts	47,057,274	77,145,515
630005	Special R&M arranged through Contract-Roads	3,480,281	259,788
630006	Special R&M arranged through Contract-Buildings	6,732,553	1,973,409
630007	Special R&M arranged thru Contract-Plant & Equipments	2,395,332	2,156,006
630008	Hire of Vehicles & Transport Charges	6,742,903	7,114,618
630009	Water Charges	30,319,499	24,008,706
630012	Electricity Charges	243,995,351	231,077,920
630013	Hire of Boats, Tugs & Launches	121,773,786	115,921,041
630015	Maintenance Dredging	1,066,033,814	1,042,194,134
630016	Sundry Expense	27,856,219	21,501,498
630017	Insurance	6,070,738	5,213,014
630018	Self Consumption-Electricity	10,870,687	27,974,035
TOTAL (D)		1,587,369,907	1,581,080,875

Financial Advisor & Chief Accounts Officer

COCHIN PORT TRUST

**ADDITIONAL SCHEDULE TO PROFIT & LOSS ACCOUNT FOR THE YEAR
ENDED 31-03-2017**

GL CODE	Description	2016-17	2015-16
		Rs.	Rs.
SECURITY EXPENSES			
640001	Hire of Boats for Patrolling	2,034,875	1,949,350
640002	I S P S	147,743	432,255
640004	CISF-Deployment Charges	181,584,815	203,980,064
640005	SEZ - Cost Recovery	4,292,000	4,112,760
640006	Private Security Charges	2,619,572	604,059
TOTAL (E)		190,679,005	211,078,488
MEDICAL EXPENSES			
650001	Stipend, Fees & Honorarium to Specialists	3,430,019	3,077,058
650002	Stores-Medical	23,733,474	21,624,174
650003	Provisions-Medical	692,168	709,486
650004	Hospital Equipment	83,635	69,564
650005	Medical Expenses	1,887,298	2,397,188
650006	Charges paid to Outside Hospitals	8,487,044	10,934,027
TOTAL (F)		38,313,638	38,811,496
DEPRECIATION			
	Depreciation for the year	204,049,487	200,441,527
670021	Prior Period Depreciation	2,495,305	8,518,708
TOTAL (G)		206,544,792	208,960,235
GRAND TOTAL (A) TO (G)		3,685,132,287	3,663,553,862

Financial Advisor & Chief Accounts Officer

COCHIN PORT TRUST

COCHIN FISHERIES HARBOUR BALANCE SHEET AS ON 31ST MARCH 2017

PARTICULARS		2016-17		2015-16	
A	SOURCES OF FUNDS				
	Grant in aid received from GOI	1,887,019		191,032,261	
	Less : Grant utilised	0	1,887,019	189,145,242	1,887,019
	TOTAL		1,887,019		1,887,019
B	APPLICATION OF FUNDS				
	Fixed Assets				
	Gross Block(As per schedule)	189,145,242		189,145,242	
	Work in Progress	0		0	
		189,145,242		189,145,242	
	Less : Grant received	189,145,242	0	189,145,242	0
	Current Assets, Loans and Advances				
	a. Current Assets:				
	(i) Interest accrued on investments	1,241,662		168,321	
	(ii) Postage Stamps	300		73	
	(iii) Sundry Debtors	756,189		816,441	
	(iv) Cash & Bank Balances	28,963,902		22,729,297	
	b. Loans & Advances	1,652,391		1,253,107	
	Total	32,614,444		24,967,239	
	Less:Current Liabilities & Provisions	64,397,519		61,282,685	
	NET CURRENT ASSETS		-31,783,075		-36,315,446
	Profit & Loss Account		33,670,094		38,202,465
	(Accumulated Deficit)				
	TOTAL		1,887,019		1,887,019

Financial Advisor & Chief Accounts Officer

COCHIN PORT TRUST

**COCHIN FISHERIES HARBOUR
INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2017**

Amount 2015-16	Expenditure	Amount 2016-17	Amount 2015-16	Income	Amount 2016-17
20,551,735	Salary & other benefits	20,732,246	10,259,064	Toll collection	10,912,376
2,490,242	Electricity charges	2,468,982	2,013,869	Electricity charges	1,959,475
418,066	Security Charges	2,494,949	6,285,251	Fish out - handling charges	6,295,414
1,088,199	Water charges	1,586,727	4,958,601	Lease rent on land	4,776,433
1,229,700	Repairs & maintenance	1,665,066	4,300,872	Building and ground rent	3,474,553
405,520	Professional Charges	374,000	1,789,370	Misc. Receipts	2,387,737
195,424	Printing and Stationary	110,513	1,231,000	Lease of slipway	2,040,451
111,829	Sundry expenses	66,234	1,135,978	Water charges	1,030,560
-	Travelling Expense	25,595	1,038,632	Licensing and license fee	1,065,000
29,669	Medical reimbursement	23,716	767,601	Fish landing charges	824,727
37,485	Telephone charges	34,101	539,524	Bank interest	1,382,249
1,470	Revenue & postal stamps	1,273	226,925	Enrolment of fishing crafts	193,069
1,565	Misc. (Stores & Newspaper)	1,025			
2,260,691	Provision for retirement benefits	2,225,246			
5,725,092	Surplus	4,532,371			
34,546,687		36,342,044	34,546,687		36,342,044

Financial Advisor & Chief Accounts Officer

COCHIN PORT TRUST

COCHIN FISHERIES HARBOUR RECEIPTS & PAYMENTS ACCOUNT FOR THE YEAR ENDED 31.03.2017

Amount 2015-16	Receipts	Amount 2016-17	Amount 2015-16	Payments	Amount 2016-17
215,029	Opening cash in hand	126,281	20,968,413	Salary & PLR	20,264,080
12,978,855	Opening cash at Bank	20,103,016	29,669	Medical reimbursement	23,716
226,925	Enrolment of fishing crafts	193,069	36,013	Travelling Expense	25,595
1,038,632	Licensing and license fee	1,065,000	195,424	Printing and Stationary	110,513
4,823,512	Lease rent on land	4,776,433	1,320	Revenue & postal stamps	1,500
4,300,872	Building and ground rent	3,474,553	1,229,700	Repairs & maintenance	1,665,066
1,231,000	Lease of slipway	2,040,451	1,565	Misc. (Stores & Newspapers)	1,025
767,601	Fish landing charges	824,727	243,536	Refund of SD. / Ground rent	552,790
6,285,251	Fish out - handling charges	6,295,414	37,485	Telephone charges	34,101
2,013,869	Electricity charges	1,959,475	2,490,242	Electricity charges	2,468,982
10,259,064	Toll collection	10,912,376	1,088,199	Water charges	1,586,727
1,813,406	Misc. Deposit / Security	974,212	274	Cheque charges	694
1,789,371	Misc. Receipts	2,387,737	75,208	Sundry expenses	65,541
371,203	Bank interest	309,588	556,656	Deposit with CESTAT	4,013
4,011,587	Service Tax	4,414,111	405,520	Professional Charges	374,000
			-	Security Charges	2,494,949
1,135,978	Water charges	1,030,560	3,906,217	Service Tax Receivable	4,198,125
	- Deposit Received	2,500,000	373,412	TDS Receivable	182,281
	Receipts relating to previous years ;		130,893	Cenvat Credit	408,716
1,236,888	- Lease rent on land	60,252	-	Security Deposits - KSEB	20,940
			2,500,000	Fixed Deposit	16,600,000
			126,281	Closing cash balance	112,193
			20,103,016	Closing Bank balance	12,251,709
54,499,043		63,447,255	54,499,043		63,447,255

NOTES TO ANNUAL ACCOUNTS 2016-17

Part I – Significant Accounting Policies

1. Income and expenditure are accounted based on mercantile system of accounting.
2. While accounting income, the principle of conservatism has been followed.
3. Fixed assets, inventory and investments are accounted on historical cost method.
4. Depreciation is provided in the accounts on straight-line basis, assuming the value of the asset at the end of life span as Re.1/-. Life span of the asset is fixed based on the guidelines issued by the Govt. of India from time to time. Depreciation is charged proportionately from the date of capitalization.
5. Upfront payment received on lease of land is spread over equally to the period of lease.
6. Premium on lease of land is treated as the income in the year of receipt under Finance and Miscellaneous Income.
7. Prior period items, i.e., income or expense which arise in the current financial year as a result of errors or omissions in the preparation of financial statements or due to revision of bills or claims of one or more prior periods are included under Finance & Miscellaneous Income or Finance & Miscellaneous Expenditure.
8. Income received out of investments from various funds is credited to the respective funds.
9. Contingent liabilities are disclosed in the "Other Notes" to accounts.
10. Grant in Aid received related to specific fixed assets are presented in the Balance Sheet by showing the grant as a deduction from the gross value of the assets concerned

in arriving at their book value.

11. Revenue on Cargo and Vessel Related Services are recognized on completion of service. Revenue from estate is recognized on time basis.

Part II - Other Notes

12. Figures of Balance Sheet, P & L Account & Schedules have been regrouped where ever necessary consequent on changes in the items during the year.

13. Performance of the Port

Cochin Port Trust handled 25.01 MMT of cargo during 2016-17 including containerized cargo of 6.83 MMT as against 22.10 MMT during 2015-16 including container cargo of 5.78 MMT. During 2016-17, number of vessels called in at the Port is 1655 against 1620 vessels during 2015-16. Port handled 491087 TEUs of containers in 2016-17 as against 419550 TEUs in 2015-16.

14. Grant in Aid:

- a) An amount of Rs.373.22 crores was received from Govt. of India towards Rail Connectivity (including ROB) to ICTT. The Port disbursed the amount to RVNL amounting to Rs.360.48 crores and balance amount was spent towards land acquisition and other related works. Since RVNL could not take up the ROB work, they remitted Rs 10 Crores in January 2015 from the balance amount available with them.

The 3rd revised cost Estimate for Rail Connectivity submitted by the Port amounting to Rs 409.83 Crores was approved by the Ministry of shipping on 16.02.2016. The port has spent an amount of Rs 14.21 Crores till 31-03-2017 for the

construction of Rail Over Bridge out of the balance amount received from M/s RVNL.

The construction of ROB work was taken up by the Port along with the construction of a flyover in front of the exit gate of the ICTT to decongest the area at a cost of Rs.60 crores and awarded to M/s. GPT GEO JV on 17-01-2015. The Ministry of Shipping had sanctioned an amount of Rs 30 Crores as Budgetary Support towards the construction of Subway/Flyover out of which an amount of Rs 18.45 Crores was received from the Ministry till 31-03-2017. The total expenditure incurred by the Port till 31-03-2017 towards the construction of subway at Vallarpadam amounts to Rs 21.97 Crores out of which Rs 3.52 Crores was spent from the internal funds of the port.

- b) An amount of Rs 5.365 Crores (50 % of the estimated cost) was sanctioned by the Ministry of Shipping under R&D Schemes for studies on Siltation and Optimal ameliorative measures at Cochin Port for minimizing the maintenance dredging cost. Out of Rs 3.25 crores received from the Ministry, the Port has spent Rs.4.32 crores till 31-03-2017 being 50% of the total expenditure chargeable to grant.
- c) An amount of Rs 12.77 Crores was received from the Ministry of Shipping as Budgetary Support towards Refurbishment and Capacity Enhancement of Coastal Liquid Terminal in Cochin Port against the sanctioned amount of Rs 14.9625 Crores being 75% of the estimated cost of Rs 19.95 Crores. Balance 25% of the cost amounting to Rs 4.99 Crores is to be borne by M/s BPCL for which they had remitted Rs 4.34 Crores till 31-03-2017. Based on the tendered value of the contract, the port requested the Ministry to approve revised estimated cost amounting to Rs 23.63 Crores which is

pending before the Ministry. The Port has spent an amount of Rs 11.03 Crores upto 31-03-2017 for the project and 75% of the same being Rs 8.27 Crores has been charged to grant.

- d) The Ministry of Shipping had sanctioned an amount of Rs 10.46 Crores towards the procurement of Pollution Responses (PR) equipment / materials out of which an amount of Rs 2.61 Crores released by the Ministry on 04-08-2015.
- e) During the year 2016-17, the Ministry of Shipping has sanctioned and released an amount of Rs 2.61 Crores to CoPT under Swachhta Action Plan being 50% of the total estimated cost of Rs 5.22 Crores.
- f) The Ministry of power had sanctioned an amount of Rs 3.26 crores under IPDS being 60% of the estimated cost towards strengthening of sub transmission and distribution network in electrical power distribution area of Cochin Port Trust including installation of roof top solar panel. Out of it, Cochin Port Trust has received Rs 32.60 Lakhs on 31-10-2016.
- g) The Ministry of Tourism had sanctioned an amount of Rs 22.43 crores for the development of dedicated Cruise berthing facilities (Extension of BTP Berth) against which Rs 21.18 Crores was released by the Ministry. The project has been completed with a total cost of Rs 21.38 Crores. On submission of Utilisation Certificate, final instalment of Rs 0.20 Crores was released by the Ministry on 27-07-2016.
- h) The Ministry of Tourism had sanctioned CoPT was sanctioned an amount of Rs 4.91 Crores by the Ministry of Tourism for the Development of Cruise Passenger Facilitation Centre (Samudrika) out of which Rs 4.61 Crores was received by the Port. Besides, the Department of

Tourism, Government of Kerala had also sanctioned an amount of Rs 1.32 Crores for the work out of which an amount of Rs 1.05 Crores have been released to the port. The work is completed in 2016-17. The Port has already furnished the utilisation certificate to the Ministry of Tourism for the Central component of the work. Presently, the port is in the process of furnishing Utilisation Certificate for the State component based on which final instalment would be released by Government of Kerala.

- i) The Ministry of Tourism has sanctioned an amount of Rs 9.01 towards the Development of Walkway against which an amount of Rs 4.50 Crores has been received on 09-11-2016 being 50% of the grant sanctioned .
- j) The Ministry of Tourism has sanctioned an amount of Rs 21.41 Crores to CoPT for upgrading of Berths and Back up Area of Ernakulam Wharf (Cruise Terminal). During 2016-17, an amount of Rs 4.33 Crores was released to the port as first instalment of the grant.
- k) The Ministry of Commerce has sanctioned an amount of Rs 15 Crores under ASIDE Scheme for the construction of Barge Berth at Puthuvypeen (part of MULT project) against the total estimated cost of Rs 31.93 Crores. Against this, the port had received Rs 7.50 Crores on 05-08-2013 and Rs 0.88 Crores on 30-03-2017. As per the instruction of the Ministry, the interest accrued on the unutilized amount of grant amounting to Rs 1.40 Crores have been credited to the grant. The total expenditure incurred for the project till 31-03-2017 amounts to Rs 13.98 Crores out of which 50% amounting to Rs 6.99 Crores has been charged to grant received.
- l) The Ministry of Commerce had sanctioned

an amount of Rs 4.04 Crores under ASIDE Scheme for the Modification of Container Freight Station against the total estimated cost of Rs 8.08 Crores for the project. As per the instruction of the Ministry, the interest accrued on the unutilized amount of grant amounting to Rs 0.07 Crores have been credited to the grant. The project was completed during 2016-17 and utilization Certificate was submitted to the Ministry. The port has requested the Ministry to adjust the unutilised amount of grant for CFS against the construction of Barge Berth at Puthuvypeen.

- m) An amount of Rs 1.70 Crores was received from Kerala State Urban Development Project in March 2015 towards Establishment of Package Septage Treatment plant at Willington Island. The work has been completed in 2016-17 fully utilizing the fund so received.

15. Loans availed by the Port

a) Loan availed from Government of India

The Cabinet Committee on Economic Affairs (CCEA) in its meeting held on 24th August, 2016 has approved the proposal of CoPT towards the following:

- (i) Waiver of penal interest on GOI loans availed by Cochin Port Trust to the tune of Rs 897.23 Crores.
- (ii) Freezing the liability on account of GOI loans, interest thereon and penal interest @ 0.25% as on 31-03-2016 amounting to Rs 557.16 Crores. (Rs 258.14 Crores + Rs.17.57 Crores)
- (iii) Scheduling the repayment of the amount frozen as above in 10 years commencing from 2018-19.

The final liability of GOI loan as on 31-03-2016 as per the records of Principal Chief

Controller of Accounts amounts to Rs 558.53 Crores. Necessary provision has been made in the accounts for the year 2016-17 so as to tally the final liability with the records of CCA.

b) Inter port Loan availed from Mumbai Port Trust

CoPT has repaid the Inter Port Loan taken from Mumbai Port Trust in full.

16. Capitalisation:

Assets worth Rs. 14.03 Crores have been capitalized during the year 2016-17. Capital Work In Progress as on 31-03-2017 amounts to Rs. 18.50 Crores.

17. Provisions:

- a) Provision has been created for Wage Revision due from 01-01-2017 upto 31-03-2017 amounting to Rs 3.40 Crores.
- b) Necessary provisions have been made for doubtful debts in the accounts

18. Service Tax

Central Excise Authorities had issued 28 Show Cause Notices demanding a total of Rs 68.89 Crores for the non collection of service tax on services provided in Estate Rentals, Rent on Jetties, License fee, Upfront payment, Royalty from M/s. IGTP and excess utilization of Cenvat credit, ineligible Cenvat Credit, CISF proportionate charges for security services, legal charges. Based on legal opinion, Port Trust has filed appeal and all matters are under sub-judice before appropriate authority/Tribunal/High Court of Kerala.

19. Investments:

Government of India has approved Port's investment of Rs.15 lakhs in equity shares of Cochin Bridge Infrastructure Co. Ltd. as an investment of funds under

Section 88(2)(d) of the MPT Act 1963 vide Letter No.PO/28025/2/2004-PLN dated 21st November 2006. This has been shown as 'Investments in Shares' in Annual Accounts. Since, Cochin Bridge Infrastructure has stopped their Toll Collection in Cochin Bridge, steps are being taken to redeem the shares on investment made with the company.

20. Arbitration and legal proceedings:

- a) Dispute between PLL and CoPT regarding payment of revised lease rent was pending before the Ministry and Ministry directed KITCO Limited, Valuer to provide PLL a hearing and send their comments in this regard. Hearing was conducted on 28-04-2016. Report of KITCO Limited was forwarded to Ministry on 15-06-2016. Subsequently on 19-01-2017, Secretary Shipping has directed PLL to make all outstanding dues on account of lease rentals in respect of LNG-regasification terminal at Puthuvypeen. As the matter is under arbitration it was informed to the arbitrator through our legal adviser on 22-03-2017 and case is posted for final hearing on 26-05-2017 and 27-05-2017. Amount receivable as on 31-03-2017 amounts to Rs. 62.89 Crores.

M/s Petronet LNG Ltd. while constructing LNG Port and Re-gasification facilities at Puthuvypeen SEZ, shifted sand from the hydraulic filling area and filled the project site without permission. CoPT claimed Rs. 20 Crores for the above sand from M/s Petronet LNG Ltd., which is also included in the above mentioned arbitration.

- b) The arbitration proceedings regarding the payment of Transfer Fee by M/s. BPCL-KR which was awarded in favour of Cochin Port Trust was challenged by M/s. BPCL-KR before the Additional Secretary & Appellate Authority, Ministry of Law and

Justice, New Delhi. This appeal was also disposed off in favour of CoPT vide order dated 17th October, 2016. According to the order, BPCL has to pay Transfer fee and Net Present Value of lease rent for balance period of lease along with interest thereon @ 6% from the date of amalgamation till the date of order and @ 12% from the date of order till the date of actual realisation. BPCL has been paying annual lease rent regularly @ Rs. 2.50 Lacs per hectare which is based on MoU. Therefore the Net Present Value of lease rent payable for balance period of lease as on 31-03-2017 after factoring annual lease rent payments so far made works out to Rs. 6.95 Crores. Interest payable calculated up to 30.04.2017 amounts to Rs. 11.71 Crores and transfer fee Rs. 1.75 Crores. Total claim amount works out to Rs. 20.41 Crores which has been intimated to BPCL.

- c) M/s IGTPPL had filed claim before the Arbitrary Tribunal to the tune of Rs 300 Crores against which port had filed counter claim amounting to Rs 1070.71 Crores which comprises of claims raised in connection with capital and maintenance dredging work, loss due to concession on Vessel related charges, loss of revenue share on account of under utilization of facilities, cost of deployment of CISF at ICTT, reimbursement of leave salary and gratuity contribution in respect of port employees deputed to IGTPPL from 01-04-2005 to 28-02-2011. Hearing has been completed and Tribunal has reserved for award.
- d) M/s. Jaisu Shipping Co. Pvt. Ltd., who executed the Contract of 'Dredging for maintenance of channels at Cochin Port for the year 2007-08 invoked the Arbitration Clause in the Agreement and claimed Rs. 3.51 crores. The Arbitral Tribunal in the Arbitration Award passed on 15-05-2013

directed Cochin Port to pay an amount of Rs 0.87 Crores to M/s. Jaisu Shipping Company along with interest @ 9% per annum from the date of the claim (19-04-2012) till the date of Award and thereafter at the same rate till the payment is made. Aggrieved on the Award, Cochin Port has challenged the Arbitration Award dated 15-05-2013 under Section 34 of the Arbitration and Conciliation Act 1996 which is pending before the Hon'ble District Court, Ernakulam. Next hearing is posted on 22.05.2017

- e) The contract for Capital Dredging of approach channel and ICTT berth basin for providing depth as required for 14.50 meter draft container vessels and maintenance dredging of Cochin Port during the period from 01-09-2008 to 31-12-2010 under the Agreement No.52 of 2008-09 was entrusted to M/s. Jaisu Shipping Co. Pvt. Ltd. who failed to provide the deliverables for which the payments has been withheld by the Port. The Bank Guarantee of Rs. 19.25 Crores submitted by Jaisu Shipping Co. Pvt. Ltd was encashed during 2011-12. The party then invoked the Arbitration clause in the Agreement.

As per the direction of the Hon'ble High Court of Kerala, Jaisu Shipping Co. Pvt. Ltd has filed amended claim statement before the reconstituted Arbitral Tribunal worth Rs. 795 Crores incorporating all the additional claims filed by them and CoPT has filed the Statement of defence. Jaisu Shipping Co. Pvt. Ltd has also claimed payment of final bill for the work already done, release and return of security deposit, retention amount and encashed Performance Guarantee. Port has filed counter claim amounting to Rs. 322 crores. The arbitration is in progress.

The bill for February 2011 and March 2011 for Rs 3.69 Crores towards Maintenance

Dredging was not processed for payment as necessary supporting documents were not submitted.

- f) Litigation in respect of sponsorship fee due from M/s. Jaisu Shipping Co. Pvt. Ltd amounting to Rs 2.98 Crores along with interest @ 12% p.a for Volvo Ocean Race has been awarded in favour of Cochin Port Trust on 26-09-2013. As per the legal Opinion obtained by the Port, CoPT can file execution petition for recovery of the amount within 12 years from the date of decree. However, for this the assets owned by M/s Jaisu Shipping Co. Pvt. Ltd which are having no encumbrance to be attached are to be identified and other civil procedure are to be complied with.
- g) M/s. Mercator Lines Ltd., who executed the contract of "Capital Dredging of Basin in front of International Container Terminal (ICTT) at Vallarpadam has claimed Rs. 141.66 Crores and the Port filed a counter claim amounting to Rs. 329.72 Crores before the Arbitral Tribunal. The Bank Guarantee of M/s. Mercator Lines Ltd. of Rs. 6.08 Crores was encashed on 06-07-2012. The Arbitral Tribunal has passed award on 18-02-2017, directing Port to pay the final running bill amounting to Rs 1.36 Crores , Retention money Rs 3.33 crores totaling to Rs. 4.69 Crores with simple interest @ 10% p.a. from 10-07-2013 till date of payment to M/s. Mercator Ltd. The Tribunal has allowed 50% of the port's claim towards compensation for delay in completing the work amounting to Rs 3.04 crores and also the additional cost incurred by the port for completing the leftover capital dredging work in ICTT amounting to Rs 3.52 Crores , total award limiting to Rs 6.08 crores being 10% of the contract amount which has been charged to revenue during 2016-17. The port has made provision for interest

accrued on Rs 4.69 crores till 31-03-2017 amounting to Rs 1.75 crores.

- h) The arbitration between Shri. Alexander K John in respect of the delay in completion of work and consequent imposition of penalty in connection with "Providing water connection to IMU Campus at SER area of W/Island" under Agreement No 17 of 2010-11 was concluded on 23-02-2017. The claim amount of Shri. Alexander K John was Rs.10.94 Lakhs with interest @ 18% p.a.. As per the Award, CoPT has to pay Rs. 3.44 lakhs along with interest at 12% thereon from 19-10-2011 till date of payment Rs 2.25 lakhs and full cost as per the Bill of Expenses, which amounts to Rs. 50,469/-. As per the legal opinion, the chances of challenging the same successfully are very remote. Accordingly, the award was not challenged and the amount as per Award amounting to Rs 6.20 Lakhs has been released to the Contractor on 31-03-2017.
- i) The arbitration with Basil Associates in respect of delay in completing the work and consequent imposition of penalty in respect of the work of "Drain (Phase I) at Puthuvyee" had commenced on 23-02-2015. The claim amount from the claimant is Rs. 70 Lakhs. The arbitration is in progress.
- j) A suit was filed by M/s Jakhau Salt Company Pvt. Ltd for the loss of cargo due to collapse of Mattancherry Wharf for Rs.1.47 crores which was decreed against the Port. Port filed appeal before the Hon'ble High Court of Kerala, which is still pending.
- k) Installation & Commissioning of 110 KV sub-station and connected works at Cochin Port Trust was to complete in a period of 12 months as per agreement with M/s Siemens Ltd. Since there was a delay of 9 months in completing the work, liquidated damages of Rs.1.76 crores as per the agreement was

deducted while making the final payment. Arbitration award was against the Port and hence the Port appealed against the award before the Hon'ble District Court, Ernakulam. The last hearing of the case was posted on 23-01-2017 and next hearing is posted on 21-05-2017.

- l) CoPT had entered into a contract with M/s.Tebma Shipyards Ltd., Chennai, for construction and delivery of two nos. 45 Tons BP Tugs. Since the delivery of Tugs was delayed, CoPT had recovered Liquidated Damages of Rs. 8.09 Crores from the contractor. They raised objection to CoPT's above decision and the matter was referred for Arbitration. Arbitral Tribunal has passed an award on 10-09-2013 rejecting the claim of the Contractor. Subsequently, M/s. Tebma Shipyards Ltd., has filed an appeal before Hon'ble District Court, Ernakulam to set aside the award and to direct CoPT to release the Liquidated Damages of Rs. 8.09 Crores with interest. CoPT filed objections to the statement of facts submitted by M/s.Temba Shipyards Ltd and next hearing is posted on 12-06-2017.
- m) Port had filed a civil suit on 28-03-2014 against M/s. Tebma Shipyards Ltd., before the Hon'ble Sub Court at Kochi to recover an amount of Rs.1.05 Crores with interest at the rate of 15%, which was incurred by Cochin Port to rectify the manufacturing defects noticed on the Tugs supplied by M/s. Tebma Shipyards Ltd. They have submitted an affidavit dated 06-02-2015 before Hon'ble Sub Court, Kochi praying to direct the Port Trust to refer the dispute for arbitration as stipulated in terms of Clause 45.0 of Agreement Dated 05-10-2006. The Court had directed to refer the matter for arbitration and both the parties have appointed arbitrators. Presently,

Presiding Arbitrator has to be appointed by the arbitrators.

- n) Cases are pending with the Supreme Court of India against various Customers, in connection with the Judgement of Hon'ble High Court of Kerala towards refund of excess ground rent collected beyond 75 days (approximately Rs. 1.58 crores). The case was posted for hearing before Supreme Court on 18-04-2017 and matter adjourned to 03-05-2017.
- o) Land Acquisition cases related to the Project 'Providing Direct Road Connectivity to the SEZ area at Puthuvypeen, CoPT advanced an amount of Rs.1.07 Crores as deposit in Sub Court, Kochi towards 50% of the Decree Debt for the conditional stay in the execution petition moved by the evictees/ claimants. The remittance of the remaining amount is subject to the final verdict. The co-developers in Puthuvypeen SEZ viz. PLL, BPCL-KR & IOCL were requested to reimburse their share towards the 50% amount advanced by CoPT out of which PLL have reimbursed their share of Rs 26.97 lakhs.
- p) The arbitration with Vembanad Construction on imposition of penalty in respect of the work of "Ground and over head RCC Water Tank at CFH" is pending. The claim amount from the claimant is Rs. 4 Lakhs.

21. Retirement Benefits:

- a) Based on the data of 31-03-2017, the actuarial valuation of liability made by LIC is Rs 2949.98 Crores. The liability for pension for the pensioners and existing employees is Rs 2049.39 crore and Rs 794.33 crores respectively totaling Rs 2843.72 Crores and Gratuity liability for existing employees is Rs 106.26 Crores. Against this, Cochin Port is having investment of Rs.70.48 Crores and Rs 7.65 Crores in Pension and Gratuity Fund

respectively as on 31-03-2017.

- b) Due to acute financial stringency the Port Trust Board had decided to pay liabilities on account of Pension, Pension Commutation and Gratuity from the respective funds from April'2013 onwards. During 2016-17, a net amount of Rs. 37.90 crores was withdrawn from Pension Fund Trust Account for payment of Pension which includes Rs 24.50 crores for the payment of Pension Commutation and consolidation arrears.
- c) During the Board Meeting of Cochin Port Trust held on 14-08-2014 it was decided to transfer 50% of premium on lease of land received to Pension Fund. It was also decided in the Board Meeting held on 22-08-2015 to transfer the premium received on leasing of land in full to Pension Fund Trust considering the deteriorating position of the Pension Fund.

22. Other Disclosures:

a) LC Margin Money

For the import of Shoreline Clean up Equipment from M/s.Desmi Ro Clean A/s, Denmark and Pressure Inflatable Boom from M/s. Eastec Inc. USA, the port had opened two Letters of Credit with SBI, CPT Branch for EURO 87,500 and US Dollar 185,045 respectively. The LC margin money debited by the bank totalling Rs 2.46 Crores has been accounted under Fixed Deposits with bank and accrued interest till 31-03-2017 to the tune of Rs 0.03 crores has been provided for the same in the books of accounts.

b) Joint Venture with IWAI for RO-RO Operation

RO-RO Terminal has become operational from 25-02-2011. As per the MOU entered between IWAI and CoPT on 08-10-2009, the management and operation of RO-RO

Terminals at Bolgatty Island and Willingdon Island will be carried out jointly by the port and IWAI by forming a Joint Management Committee (JMC) comprising of representatives of both the parties. As per the MOU, Port shall arrange for collection of terminal charges from the contractor and will prepare Annual Accounts of all transactions relating to the use of the terminals. The administrative expenditure shall be met out from the revenue earned and the net surplus generated will be shared in the ratio of 70% to IWAI and 30% to CoPT. A separate Bank Account in the name of JMC was opened to remit the amount received against terminal usage charges from the contractor.

Since the JMC do not have any legal status, the Port suggested IWAI to account for the revenue and compliance of all statutory formalities in connection with the operation of RO-RO Terminal. Since IWAI is not a party to the contract between Cochin Port and M/s. LoTs Shipping, IWAI suggested having a supplementary agreement between IWAI, CoPT and LoTs Shipping.

Since the party has defaulted the payment of Terminal Usage Charges (TUC), the Port has encashed the Bank Guarantee. The Party could not furnish the Bank Guarantee since then and have also filed an arbitration petition against the Port. The IWAI stated that because of the above factors, entering into a supplementary agreement is not feasible and requested the Port to find a solution to close the accounts and comply with the statutory obligations at the earliest

As opined by the tax consultant of the port, it was jointly decided to open a new bank account by the port for the purpose of JMC and the entire fund lying in the bank account of JMC was then transferred

to the newly opened account. The salary paid to the staff deputed by the port for the supervision of the terminal operations and contribution for pension, leave salary and gratuity, and maintenance dredging of Ro-Ro channels by IWAI is adjusted from the revenue earned by the terminal.

Since the accounts of JMC as on 31-03-2017 shows accumulated loss amounting to Rs 5.43 Lakhs there is no profit to be shared between CoPT and IWAI. The newly opened bank account for JMC has been shown under the bank balances of the port and corresponding credit is shown as Joint Venture with IWAI grouped under Current liabilities.

c) Loss on conversion of Unit Scheme 64 of UTI

Cochin Port Trust had invested its funds in the Unit Scheme 64 of Unit Trust of India at various points of time during the period from 1996 to 2000 to the tune of Rs 39.99 Crores as it was a scheme of investment approved by the Ministry under section 88(2)(b) of the Major Port Trust Act, 1963. In 1998, units valuing Rs 20.45 Crores was sold for Rs 20.75 Crores earning a profit of Rs 0.30 Crores.

Subsequently, UTI unilaterally decided to terminate the Unit Scheme 64 w.e.f. 01-06-2003 and converted the investments of various entities all over India into 6.75% Tax Free Tradable Bonds at a lower rate.

On this imposed conversion, port incurred loss of capital to the tune of Rs 6.05 Crores. Based on Audit recommendation, the loss was written off during the year 2003-04. Since the written off amount (effective loss Rs 5.76 Crores) was beyond the delegation of powers of the Board of Trustees, the port approached the Ministry of Shipping for its approval.

Subsequently, the Ministry of Shipping vide letter dated 16-09-2016 directed the port to send the proposal for write off with the recommendations of the Board for further consideration by the Ministry. Accordingly, the matter was placed before the Port Trust Board in the meeting held on 26-10-2016 and the Board resolved to approach the Ministry for sanction to write off the net loss of Rs 5.76 crores which was intimated to the Ministry vide letter dated 24-11-2016 and the approval is still awaited.

d) Outstanding dues from Pre-1996 lessees.

With respect to Pre – 1996 lessees, port had charged revised lease rent based on TAMP notified rates 2010 in the year 2014. However, lessees filed litigation in the Hon'ble High Court of Kerala through Cochin Port Lease Holders Association and Interim Order was issued on 25-02-2015 to maintain status –quo in the matter. The litigation is still pending and amount outstanding as on 31-03-2017 is Rs. 4.62 Crores. Meanwhile, estate rentals were once again revised vide TAMP Notification No. 304 dated 22-07-2016 and came into effect from 21-08-2016. Based on legal opinion obtained by the port, bills at TAMP notified rate was raised in respect of all lessees including Pre-1996 lessees. However, vide WP(C) No. 12138/2017 (N), Cochin Port Leaseholders Association along with 2 other petitioners (Pre-1996 lessees) filed a petition in the Hon'ble High Court of Kerala. Vide order dated 06-04-2017, interim stay for recovery of enhanced amounts was passed. Dues in respect of such pre 1996 lessees amounts to Rs. 0.81 Crores as on 31-03-2017.

e) License fees on jetties

The Port collects license fees from boat

Jetties and piers based on the CopT (Licensing of Jetties, Slipways and Boat Pens) regulations, 1968 and its amendments in 1996. License fees initially was Rs 1,297 per Jetty per annum which was enhanced to Rs 1,00,000 per Jetty per annum for those rent out their jetties for tying up Valloms/boats belonging to others. As required u/s 123(n) of the MPT Act, 1963, the amendments were published in the official Gazette on 13-05-2014 and the same was communicated to Jetty owners on 16-06-2014. Jetty owners filed Writ petition in the Hon'ble High Court of Kerala and interim Order was passed that if the petitioners pay 1/4th of the demand, no action shall be initiated against the petitioners. Out of 247 jetties in use, only 58 owners have paid license fee. Balance is pending on account of litigation.

f) **Electricity bills of NTB & STB**

The Port HT Electricity connection to North

and South Tanker Berths was billed under HTII (Non Industrial – Non Commercial) Tariff. Consequent on revision of tariff, KSEB reclassified the tariff from HT II to HT IV (Commercial) w.e.f. 15-05-1999 and KSEB issued revised bill for the period from May 1999- July 2010 and raised demand of arrear. The Port filed Writ Petition on the matter and issue is presently pending. The Port is presently paying bill raised by KSEB as per HT II tariff. The differential amount towards disputes is Rs 29.22 lakhs .as on 31-03-2017 .

g) In the case of estate rentals, billing has not been made in those cases for which port has issued resumption notice and eviction is under process.

23. A separate set of accounts of Cochin Fisheries Harbour is shown in the accounts.

FINANCIAL ADVISER & CHIEF ACCOUNTS OFFICER.



