Public Works (1898) Department.

G.O., No. 125 W

DATED 18 January 1898

[Despatch Abstract.]

Madras Port Department & Bros: Marine Dept
reviewing the administration Report of the — for
1896-97, recorded.

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Public works (1898) Department.

Current No: 79

Government {1897} of Madras.

MARINE.

Recd. 8-1 } 1897. *Enclosures* -

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G.O., No. 980, 3rd December 1897.

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DECEMBER.

Records

Srom 81/98

Madras Port Department

Reviewing the Administration Report of the — for the year 1896-97.

GOVERNMENT OF MADRAS.

MARINE DEPARTMENT.

Read—the following paper :—

From Commander H. A. STREET, R.I.M., Presidency Port Officer, Madras, to the Secretary to Government, Marine Department, dated 15th October 1897, No. 1852/365 G.

I have the honour to forward the Administration Report of the Madras Port Department for the year 1896–97 (including the reports of the Deputy Conservator of the Port and the Agent for Government Consignments, Madras).

Enclosures.

REPORT ON THE ADMINISTRATION OF THE MADRAS PORT DEPARTMENT FOR THE OFFICIAL YEAR 1896–97.

1. *Official Staff.*—Commander H. A. Street, R.I.M., Presidency Port Officer, held uninterrupted charge of the Port Department during the year under review Mr. J. M. Simpson, Port Officer of Mangalore, was posted to Tellicherry, and Mr. H. S. Brown, Port Officer of Tellicherry, to Mangalore. Temporary changes among the other gazetted officers of the department are noticed in Appendix H.

2. *New Act.*—Act III of 1897 (The Epidemic Diseases Act, 1897) was passed in the year, and regulations framed and issued under this Act for observance at all the ports.

Acts VII of 1880 *and XVII of* 1891.—Rules as to Loadline marks, seasons, draught of water, and free board were issued in the year.

Act X of 1889.—Under section 6 (1) (*f*) a schedule of fees for the storage of goods in the Port Department shed at Tuticorin was brought into force.

In South Canara district, Mangalore being the only port at which ground-rent is levied on lands taken up for private use, a schedule of rates applicable to all the other ports in the district was sanctioned in the year.

Under section 6 (1), two new rules were framed and issued for guidance at all ports, for (i) regulating a vessel while taking in or discharging passengers (clause *e*), and (ii) for regulating the anchoring, fastening, mooring and unmooring of vessels, (clause *g*).

Under section (5) the limits of the port of Calicut as fixed in the year 1878 were altered, and new limits fixed and published for the information and guidance of those concerned.

Under section 4 (i) (*c*), the operation of the Ports Act was withdrawn from the port of Merkanam in South Arcot, as the trade of the port had entirely ceased; also from the ports of Pundi and Ganjám in Ganjám district for the same reason.

Act V of 1883.—Under section 27 (i) (*a*), the first clause of the form of agreement signed by Indian seamen engaging for voyages to foreign countries was modified so as to remove certain limits on the west coast of America, &c., whither they were hitherto required to proceed. Some verbal alterations were made also in the clause in question.

Madras Acts V of 1863 *and VII of* 1871.—Under section 14 (7) of the Madras Act V of 1863, extended by notification of 27th July 1885 under section 7 of Madras Act VII of 1871, an additional bye-law for the new screw-pile pier at Tuticorin was enforced, by which a charge for conveying passengers' baggage from the pier to the Custom house was fixed.

Acts X of 1841 *and XI of* 1850.—One hundred and thirteen native craft were registered and 159 changes of masters endorsed on registry certificates during the year, being an increase in the former and a decrease in the latter. The total amount of fees realized under both heads was Rs. 1,297–8–0, or a small increase over the preceding year's revenue. Details are given in Appendices F and G.

Act I of 1859.—See Appendix K for details of seamen discharged and shipped in the year.

3. *Passenger Traffic, General and under the Native Passenger Ships Act.*—By vessels that came under the operation of the Act, 21,056 passengers left the coast on "long" voyages, and 168,373 on "short" voyages. For details of general passenger traffic, see Appendix I. 234,087 passengers in general arrived on the coast and 279,492 sailed therefrom. As in the previous year, the largest passenger traffic was conducted at Tuticorin port; Pámban and Negapatam come next.

4. *Wrecks and Casualties to Shipping.*—Details are given in Appendix A. There were 17 casualties in the year as against 30 in the preceding year, showing a decrease; but unfortunately the record of loss of lives is much larger than that of several years past. Two members of the crew of the Manji *Rahimany* were lost in the casualty, one of the Dhony *Salamati*, and four of the Schooner *Gitana*. Fifteen of the crew of the Barque *Henrietta Elizabeth*, which vessel foundered near the Andamans, have not been heard of since the casualty.

In regard to the *Henrietta Elizabeth*, a Court of Inquiry was held at Negapatam; the Master and Mate were exonerated from blame with regard to the loss of the vessel, but as the Court represented that they had displayed incompetence and cowardice in seeing to the launching of boats and saving of the crew, the Ceylon Government, by whom their certificates were issued, withdrew the certificates. Criminal proceedings were afterwards instituted against the owners of the vessel for sending her to sea in an unseaworthy condition. The owners were acquitted.

5. *Regulations for preventing collisions at sea.*—The Board of Trade issued during the year revised regulations for preventing collisions at sea, superseding those already in force, with instructions to enforce the same from July 1897. This was duly carried out. Steps were also taken to ensure uniformity in the regulation lights used by country craft.

6. *Boat supply.*—See Appendix L. The supply maintained was sufficient.

7. *Weather.*—The British India Steamer *Secundra* parted one of her cables during a heavy squall in November while at moorings in Madras harbour, and drove ashore, but was eventually towed off and found to have sustained little or no damage. Between June and November, cautionary storm signals were hoisted at the West Coast ports on three or four occasions, but the disturbance anticipated passed away without developing. In November and December two depressions formed in the Bay threatening the Madras coast. The first one passed away. The second was severely felt in and near Tuticorin. The schooner *Gitana*, referred to elsewhere, was lost in this gale.

8. *Dredging operations.*—Details of dredging operations at Cocanada, Cuddalore, Negapatam and Pámban are given in Appendices J—J (iii).

At Cocanada one of the Priestman dredgers worked 222 days at the river mouth, &c., removing 61,045 tons silt at an average working expense of As. 1–5 per ton. The other dredger was similarly engaged 231 days, removing 62,965 tons silt at a working expense of As. 1–6 per ton.

The small steam dredger at Cuddalore worked 124 days, removing 8,011 tons of silt. The average cost was As. 2–9 per ton.

The bucket dredger *Havelock* obtained during the year for service at Negapatam from the Royal Indian Marine dockyard at Calcutta, worked at Negapatam for 95 days, removing 2,478 tons at an average cost of As. 3–1 per ton. A large amount of dredging was also done at this port with the aid of manual labour, with good result. Including this, the total quantity of silt removed at this port was 5,738½ tons, and the average cost As. 7–9.

At Pámban the dredger *Wenlock* removed 54,850 tons of silt at an average cost of As. 4–7¾ per ton.

The difference in the rates connected with the removal of silt at the places above mentioned is due to the expenses of discharging the silt, which vary according to the distance of the place of discharge from the working base at each port, the price of labour and the hire of boats.

9. *Dredger "Wenlock."*—This vessel, on completing her work at Pámban above referred to, proceeded to Calcutta for repairs, overhauling, &c., it having been decided during the year that, after the necessary repairs have been carried out, the vessel be transferred to the Madras Harbour Trust Board.

10. *Service Registers.*—Duly maintained.

11. *Stores.*—Inventory of valuable stock duly maintained.

12. *Navigation, Tonnage and Dues.*—For details see Appendix B. The following is a statement of the number of vessels, their tonnage, and the dues collected thereon in the whole Presidency during the year :—

Ports.	Vessels.	Number.	Tonnage.	Dues.	Remarks.
Madras	British—			RS.	Men-of-war, Government ships, and vessels that called for orders only, are not included; hence the variation between the figures here and those in the Deputy Conservator's report.
	Coasting	328	560,878	33,546	
	Other than Coasting	243	531,433	72,047	
	Foreign	91	139,164	14,631	
	Native	105	11,948	708	
	Total	767	1,243,423	1,20,932	
Coast Ports	British—				
	Coasting	3,486	4,485,841	1,49,377	
	Other than Coasting	318	471,328	36,809	
	Foreign	769	121,611	13,417	
	Native	20,375	700,873	22,263	
	Total	24,948	5,779,653	2,21,866	

Compared with the figures of the previous year, there was, in respect to the port of Madras, in the case of—

(*a*) *British coasting vessels.*—A decrease in number, tonnage and dues, the decrease in number being very slight.
(*b*) *British vessels, other than coasting.*—An increase throughout.
(*c*) *Foreign vessels.*—An increase in tonnage and dues without any change in the number.
(*d*) *Native vessels.*—An increase throughout.

Taking the aggregate tonnage that entered the port, or the tonnage of each call, irrespective of exemptions under the limit within which dues are payable in accordance with the sanctioned schedule,

Class (*a*) contributed 11 pies per ton port dues.
Do. (*b*) do. As. 2–2 do.
Do. (*c*) do. As. 1–8 do.
Do. (*d*) do. 11 pies do.

The payments at Madras thus averaged from 11 to 26 pies per ton.

Similarly compared, there was, in respect to coast ports, in the case of—

(*a*) *British coasting vessels.*—A decrease in number, tonnage, dues.
(*b*) *British vessels other than coasting.*—A decrease in number, but an increase in tonnage and consequently in dues.
(*c*) *Foreign vessels.*—, (*d*) *Native vessels.*— A decrease throughout, the falling off being chiefly among vessels from Bombay, Kathiawar, Portuguese India, &c., owing to plague restrictions.

Class (*a*) contributed 6 pies per ton port dues.
Do. (*b*) do. As. 1–3 do.
Do. (*c*) do. As. 1–9 do.
Do. (*d*) do. 6 pies do.

The payments at the coast ports averaged thus from 6 to 21 pies per ton.

13. *Trade.*—The following is a statement of the value of, and duty on, the import and export trade of the principal ports in the Presidency, exclusive of Government stores and Government and private treasure, the figures being taken from the Revenue Board's Volume of Sea-borne Trade and Navigation for 1896–97 :—

Ports.	Tons.	Value of Imports.	Value of Exports.	Value of Total.	Duty on Imports.	Duty on Exports.	Duty on Total.
		RS.	RS.	RS.	RS.	RS.	RS.
Madras ..	1,243,423	6,65,41,183	5,81,52,170	12,46,93,353	25,14,170	12,245	25,26,415
Tuticorin	465,418	47,93,723	1,71,30,243	2,19,23,966	1,16,839	77,393	1,94,232
Cocanada	561,837	29,44,872	1,87,17,247	2,16,62,119	5,079	58,463	63,542
Cochin	422,173	68,79,240	1,33,75,007	2,02,54,247	35,876	9,504	45,380
Calicut	388,977	59,89,332	94,38,440	1,54,27,772	19,595	64	19,659
Mangalore	209,470	37,72,075	1,05,40,626	1,43,12,701	22,465	13,558	36,023
Negapatam	543,686	45,68,166	68,58,286	1,14,26,452	70,438	2,53,966	3,24,404
Tellicherry	291,103	36,19,134	63,24,001	99,43,135	10,481	19	10,500
Cuddalore	376,903	9,19,610	51,32,025	60,51,635	1,607	8,046	9,653
Bimlipatam	354,959	17,38,968	34,41,196	51,80,164	2,387	350	2,737
Vizagapatam	443,532	13,64,919	23,30,094	36,95,013	5,838	..	5,838
Gopalpur	173,628	10,22,062	21,92,129	32,14,191	1,937	25,751	27,688
Cannanore	211,376	17,82,870	13,40,426	31,23,296	1,005	..	1,005
Masulipatam	213,388	8,68,180	12,79,000	21,47,180	3,916	32,594	36,510
Calingapatam	174,884	1,50,514	6,60,302	8,10,816	47	581	628
Porto Novo	74,592	1,99,535	5,57,395	7,56,930	9,816	45,266	55,082
Pámban ..	104,689	2,52,011	3,33,305	5,85,316	1,531	199	1,730
All other coast ports	769,038	54,86,022	1,31,53,871	1,86,39,893	20,365	2,67,002	2,87,367
Madras 1895–96	1,225,426	6,28,26,933	6,60,98,517	12,89,25,450	30,23,722	1,281	30,25,003
Madras 1896–97	1,243,423	6,65,41,183	5,81,52,170	12,46,93,353	25,14,170	12,245	25,26,415
Increase	17,997	37,14,250	..	..	..	10,964	..
Decrease	..	..	79,46,347	42,32,097	5,09,552	..	4,98,588
Coast ports 1895–96	6,255,303	6,18,49,698	11,96,26,117	18,14,75,815	3,79,228	4,35,103	8,14,331
Coast ports 1896–97	5,779,653	4,63,51,233	11,28,03,593	15,91,54,826	3,29,222	7,92,756	11,21,978
Increase	..	..	..	..	..	3,57,653	3,07,647
Decrease	475,650	1,54,98,465	68,22,524	2,23,20,989	50,006	..	..

Tuticorin again stands first among the coast ports in point of importance of the trade carried on in the year. The other ports rank next in importance in the order in which they are shown in the statement.

Coast Ports.

14. *Baruva.*—A large number of native passengers take advantage of this port's close proximity to the East Coast Railway to embark from and land there.

Calingapatam.—A casuarina plantation was started to prevent the accumulation of sand in the vicinity of the lighthouse.

Cocanada.—The Gódávari District Ports Conservancy Board held 16 meetings in the year. The steam launch was overhauled and repaired. The tug *Gódávari* was given the necessary repairs. Dredging operations at this port are noticed elsewhere. The north groyne was extended by 200 feet, and the south groyne by 2,400 feet, by the Public Works Department.

Masulipatam.—The Landing and Shipping Dues Committee at this port held 4 meetings in the year.

Cuddalore.—There was a large importation of coal direct to the port from Calcutta during the year, which resulted in an increase of port dues.

Negapatam.—A small bucket dredger was provided for this port. It was constructed at the Calcutta Government Dockyard and put together at Negapatam, and since November, when she was in working order, has rendered good service. The Landing and Shipping Dues Committee here held 11 meetings.

Pámban.—The sand bank channel was dredged to 14 feet depth at low water.

Tuticorin.—Trade and passenger traffic with Ceylon, brisk. The new iron screw pile jetty has been kept in good condition.

Cochin.—The Port office building having been reported to be in an unsafe condition, the matter was placed before Government. The southern boundary pillar was washed away and replaced by a new one. On the Vypeen side several protective measures had to be taken in hand to check erosion.

Cannanore.—Arrangements were made for procuring a new flagstaff for this port from Bombay.

Tellicherry.—A sea wall for the protection of the foreshore in the vicinity of the landing place from erosion was completed. The coast to the northward of the landing place has suffered much from the action of the sea and this was reported to Government.

Calicut.—A residence for the Port Officer was almost completed at the end of the year.

Mangalore.—Repairs to quay wall completed. The small wooden pier was dismantled, and the question of erecting a screw pile pier was taken into consideration.

The usual annual inspection of ports was carried out by the Presidency Port Officer.

Accounts.

15. Abstract of Appendix B furnishes particulars of Port Dues collections during the year under review. The collections for the year were Rs. 3,42,798 and were Rs. 19,168 less than those of the previous year, the decrease being chiefly due to fall in the collections in the districts of the Western group owing to the plague restrictions.

Abstract C shows the financial position of the Port and Marine funds for the year 1896–97.

Port Funds, Act X of 1889.

16. The receipts for the year amounted to Rs. 6,17,862 and included a sum of Rs. 2,00,400 being contribution made to wipe off the loans that stood against the Ganjám, Kistna and Tanjore districts on the 31st March 1896 (G.O., No. 52, Financial, dated 20th January 1897). Excluding this contribution, the ordinary receipts for the year 1896–97 amounted to Rs. 4,17,462 against Rs. 4,39,931 of the previous year.

Fees levied under Acts and overtime fees for Port Officers, Conservators and establishments amounted to Rs. 25,987. Deducting from this sum Rs. 4,798 paid as personal allowance to Port officers and Conservators and Rs. 9,212 as overtime fees for officers and establishment, there remained a saving of Rs. 11,977 under this head of receipt.

The charges for the year under review amounted to Rs. 5,83,913 and included a large contribution to the Harbour Trust Board from Madras Port funds amounting to Rs. 2,44,475. The charges for the previous year were Rs. 5,13,336.

Appendix C (iii) furnishes particulars of general receipts and general charges. Particulars of lighthouse charges are contained in the statement that accompanied this office report on lights and lighthouses for 1896–97.

With the exception of Ganjám, Kistna, Madura and Malabar, the transactions of the other districts resulted in a surplus during the year.

The deficit of Ganjám is small and calls for no explanation.

The deficit of Kistna was due to charges adjusted in part during the year on account of residence of Port Officer, Masulipatam.

The deficit of Madura was due also to charges adjusted in part during the year on account of residence of Port Officer, Pámban, and to construction of quarters for the Deputy Telegraph Master at the cost of Port funds (G.O., No. 2177 W., dated 3rd September 1894).

The deficit of Malabar was due in a large measure to (1) charges for constructing groynes at Vypeen foreshore, (2) sea wall in front of Custom House at Tellicherry, and (3) quarters for Port Officer at Calicut adjusted in part during the year.

Madras.—The surplus of Rs. 2,00,400 held hitherto against the deficits of the Ganjám, Kistna and Tanjore districts was set free by a provincial contribution of one lakh of rupees which, together with the dredger *Wenlock* valued at Rs. 1,00,400, was made over to the Harbour Trust Board as contributions from Madras Port funds. A further sum of Rs. 44,288 was also paid to the Harbour Trust Board being the surplus receipts of the Madras Port funds during 1894–95 (G.O., No. 432, Financial, dated 21st July 1896). Out of the surplus balance of the year 1896–97, *i.e.*, Rupees 51,810–15–7, a sum of Rs. 2,236–0–11 will have to be made over to the Madras Pilotage funds to cover its deficit balance of the year, and the balance transferred to the Harbour Trust Board, Madras, as contribution for 1896–97.

Appendices C (vi-*a*) and C (vi-*b*) furnish particulars of the *plus* and *minus* entries to be made in the accounts of the Accountant-General with the approval of Government, in connection with the distribution of coasting steamers dues, general receipts, general charges and lighthouse charges.

The closing balance of Port Funds, Act X of 1889, on the 31st March 1897 was Rs. 6,93,200 against Rs. 6,59,250 on the same date in the previous year.

Pilotage Funds, Act X of 1889.

17. The transactions of the Madras Pilotage funds during the year resulted in a deficit of Rs. 2,236–0–11, due to expenses in connection with mooring buoys and boats, and this will have to be met by a contribution of that sum from the surplus of the Madras Port funds. At the other ports, *i.e.*, Pámban, Kílakarai, Cochin and Mangalore, there was a surplus during the year.

Landing and Shipping Dues, Act III of 1885.

18. *Vizagapatam.*—There was a deficit of Rs. 10,216 during the year, and this was chiefly due to charges for reclamation work, amounting to Rs. 20,000, debited in the accounts for the year 1896–97.

Cocanada.—Charges on account of the extension of the northern and southern groynes debited during the years account for the large deficit of Rs. 27,993.

Masulipatam.—The deficit of Rs. 687 at this port was due to charges for clearing silt in salt creek below the tidal lock.

Negapatam.—Balance of cost of dredger *Havelock* and freight thereon debited during the year account for the deficit of Rs. 11,286 at this port.

Summary.

19. Compared with the previous year's figures there was at Madras, in the year under report, a decrease in number, tonnage and dues in the case of British coasting vessels, an increase in the tonnage and dues of foreign vessels, and an increase under all heads in the case of British vessels other than coasting and native vessels. At the coast ports there was a decrease in the number, tonnage and dues of British coasting vessels; a decrease in number, but an increase in tonnage and dues of British vessels other than coasting; and a decrease under all heads in the case of foreign and native vessels.

Seven hundred and sixty vessels of 1,243,423 tons (total) called at Madras in the year under report, paying Rs. 1,20,932 port dues. At the coast ports 24,948 vessels of 5,779,653 tons (total) called, paying Rs. 2,21,866.

The payments in dues averaged from 11 to 26 pies per ton at Madras and from 6 to 21 pies per ton at the coast ports.

The largest passenger traffic took place at the undermentioned ports, viz., Tuticorin (75,316 arrivals and 82,692 departures), Pámban (38,028 arrivals and 36,482 departures), and Negapatam (23,684 arrivals and 33,289 departures).

Tuticorin heads the list of coast ports in respect to the value of import and export trade carried on in the year.

The number of casualties to shipping was seventeen in the year against thirty in the previous year. Two of the crew of the Manji *Rahimany* lost their lives, also one of the Dhoney *Salamathi*, and four of the Schooner *Gitana*. Fifteen of the crew of the Barque *Henrietta Elizabeth*, which foundered near the Andamans, have not been heard of. A court of enquiry, touching the loss of this barque, was held at Negapatam.

APPENDIX A.

Statement of Wrecks and Casualties which have occurred, or have been reported, at Ports in the Madras Presidency during the official year 1896-97.

Date.	Name of vessel.	Tonnage.	Summary of particulars furnished by the reporting officer.	Finding of the Court of Inquiry.
	(*Stranding.*)			
1896. 5th April ..	British S.S. *Baroda*; Master, T. Schuldt.	1,930	Struck on the Armeghon Shoals apparently owing to the master mistaking the light seen for Madras. Partial loss to vessel and cargo. No lives lost.	
	(*Foundering.*)			
28th ,, ..	British Manji *Rahimany*; Master, Ahmed.	30	While on her way from Coondapoor to Kallai, the vessel experienced bad weather and foundered off Kásaragód. Total loss to the Manji about Rs. 1,200 and to cargo Rs. 1,100. Two lives lost.	
	(*Foundering.*)			
28th ,, ..	British Dhoney *Salamathy*; Master, Hussan.	16	Having encountered a severe storm, the vessel foundered off Kumbla. Total loss to vessel Rs. 600 and to cargo Rs 720. One life lost.	
	(*Stranding.*)			
2nd May ..	British Barque *David*; Master, Allee Marrcoir.	809	Stranded off Cassimode, north of Madras Harbour. Total loss to ship Rs. 12,000. No loss of life.	
	(*Miscellaneous.*)			
5th ,, ..	British S.S. *Megna*; Master, M. Gwynne Williams.	754	While on her way from Negapatam to Tirumalavasal, the steamer broke her tail shaft.	
	(*Miscellaneous.*)			
7th ,, ..	British Fatemari *Palkhee*; Master, Babajee Walljee.	28	Capsized near Badagara owing to a sudden squall. Total loss to vessel. No lives lost.	
	(*Miscellaneous.*)			
15th ,, ..	British Barque *Strathmuir*; Master, E. McDougall.	1,175	Damaged by fire while at anchor in the outer roadstead, Cochin. Partial loss to vessel and to cargo £100. No lives lost.	
	(*Stranding.*)			
26th ,, ..	British Odom *Fudia Odom*; Master, Shaban.	23	Drifted ashore about 3 miles off Coondapoor through stress of weather. Partial loss to vessel Rs. 800 and to cargo Rs. 750. No lives lost.	
	(*Collision.*)			
21st July ..	British S.S. *Bancoora*; Master, J. R. P. Alexander.	2,198	Collision caused by Barque *Queen of England* fouling this steamer while getting under weigh in the Negapatam roads. Damage to ship about Rs. 3,000.	
	(*Foundering.*)			
26th ,, ..	British Barque *Henriette Elizabeth*; Master, Nagooda Kandu Mulumiyar.	353	Sprang a leak while on a voyage from Negapatam to Nicobars and foundered in Latitude 8·34 N., Longitude 86·26 E. Total loss to vessel and to cargo Rs. 5,000. Fifteen of the crew not heard of.	Court of Inquiry held at Negapatam on the 19th October 1896. Master and mate exonerated from blame.
	(*Foundering.*)			
14th Nov. ..	British Schooner *Gitana* ..	61	Foundered near Manapad Lighthouse through stress of weather. Loss to ship Rs. 8,000, to cargo Rs. 2,000. Four lives lost.	
	(*Stranding.*)			
17th ,, ..	British Batela *Ramaprasad*; Master, Bhugwan Dalia.	90	Parted from her moorings and stranded south of Baliapatam river bar. Total loss to the vessel Rs. 8,000 and partial loss to cargo Rs. 350. No lives lost.	
	(*Miscellaneous.*)			
30th ,, ..	British Dingy *Futteh Karim*; Master, Ismail Ooner.	29	Collided with a fishing stake off Bombay and sprang a leak and jettisoned a portion of her cargo. Slight damage to vessel and partial loss to cargo Rs. 200.	

Statement of Wrecks and Casualties which have been occurred, or have reported, at Ports in the Madras Presidency, &c.—*cont.*

Date.	Name of vessel.	Tonnage.	Summary of particulars furnished by the reporting officer.	Finding of the Court of Inquiry.
1897. 3rd Jan.	(*Foundering.*) British Paddimar *Sreat Salamati*; Master, Moiktunda.	237	Struck on a patch of rock west of Cootes Reef Buoy, Calicut, and foundered. Total loss to Pattimar Rs. 10,000 and partial loss to cargo Rs. 450. No lives lost.	..
7th Feb. ..	(*Stranding.*) British Padow *Lahaway*; Master, Kanjee Dajee.	45	Drifted ashore at Monumbeh, near Pallipori (Travancore State) through stress of weather. Partial loss to vessel Rs. 2,000.	..
9th ,, ..	(*Stranding.*) British Brig *Abdul Qadir Hamid Baz*; Master, Syed Mohamed.	140	Ran ashore at Pamban owing to leakage. Partial loss to vessel Rs. 200 and to cargo Rs. 1,000.	..
9th March ..	(*Stranding.*) British Kotia *Vittal Pyanad*; Master, Sale Mahomed.	117	While on her way from Cochin to Cutch, the vessel sprung a leak, drifted ashore near Kasaragod and became a total wreck. Total loss to vessel Rs. 5,000. No lives lost.	..

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Abstract.

Year.	Number of casualties.					Number of lives lost.
	Strandings.	Foundering.	Collisions.	Miscellaneous.	Total.	
1895-96	24	1	1	4	30	*Nil.*
1896-97	7	5	1	4	17	22
Increase ..	..	4	..	..	..	22
Decrease ..	17	..	..	..	13	..

Appendix B.

Particulars of the Trade of the several districts of the Madras Presidency during the official year 1896–97.

Districts.	British vessels. Coasting steamers. Arrived. In ballast. Vessels.	Tonnage.	Dues.	With cargo. Vessels.	Tonnage.	Dues.	With passengers. Vessels.	Tonnage.	Dues.	Total. Vessels.	Tonnage.	Dues.
1	2	3	4	5	6	7	8	9	10	11	12	13
			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Eastern Group.												
Ganjám	5	7,063	1,152 15 0	136	203,137	8,451 2 3	157	222,247	4,320 7 6	298	432,447	13,924 8 9
Vizagapatam	1	547	76 14 9	334	552,046	4,753 11 0	106	146,585	2,029 5 0	441	699,178	6,859 14 9
Gódávari	2	2,482	349 0 6	84	153,951	8,168 15 3	186	294,992	6,864 12 0	272	451,425	15,382 11 9
Kistna	5	6,768	..	42	60,822	380 10 0	96	131,858	4,451 13 0	143	199,448	4,832 7 0
Nellore	..	..	..	2	4,199	..	..	..	..	2	4,199	..
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	..	..	..	199	355,936	13,167 3 0	7	11,579	..	206	367,515	13,167 3 0
Tanjore	3	2,945	493 4 3	175	295,129	8,377 0 6	122	166,766	10,524 12 0	300	464,840	19,395 0 9
Madura	26	12,754	..	57	28,726	246 9 0	161	75,528	1,519 2 0	244	117,008	1,765 11 0
Tinnevelly	..	..	..	453	358,709	24,107 14 0	..	..	..	453	358,709	24,107 14 0
Total ..	42	32,559	2,072 2 6	1,482	2,012,655	67,653 1 0	835	1,049,555	29,710 3 6	2,359	3,094,769	99,435 7 0
Western Group.												
Malabar	10	17,865	..	433	776,189	35,596 11 0	135	240,698	6,207 8 0	578	1,034,752	41,804 3 0
South Canara	10	109	..	10	14,444	1,085 7 0	529	341,767	6,863 12 3	549	356,320	7,949 3 3
Total ..	20	17,974	..	443	790,633	36,682 2 0	664	582,465	13,071 4 3	1,127	1,391,072	49,753 6 3
Madras	1	664	54 7 6	327	560,214	33,491 8 9	..	..	..	328	560,878	33,546 0 3
Grand Total ..	63	51,197	2,126 10 0	2,252	3,363,502	1,37,826 11 9	1,499	1,632,020	42,781 7 9	3,814	5,046,719	1,82,734 13 6

APPENDIX B—*cont.*

Districts.	British vessels—*cont.*											
	Coasting steamers—*cont.*											
	Left.											
	In ballast.			With cargo.			With passengers.			Total.		
	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.
	14	15	16	17	18	19	20	21	22	23	24	25
Eastern Group.			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjám	..	..	..	128	188,680	..	170	243,767	..	298	432,447	..
Vizagapatam	..	..	..	334	552,046	..	107	147,132	..	441	699,178	..
Gódávari	..	..	..	84	154,838	..	184	289,587	..	268	444,425	..
Kistna	..	..	44	59,974	..	10	16,664	..	89	122,810	..	143	199,448	..
Nellore	..	..	..	..	..	2	4,199	..	..	..	..	2	4,199	..
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	..	..	3	7,318	..	156	274,721	..	38	67,447	..	197	349,486	..
Tanjore	..	..	3	2,011	..	194	317,259	..	99	137,245	..	296	456,515	..
Madura	..	..	52	26,892	..	47	23,583	187 14 0	144	66,032	..	243	116,507	187 14 0
Tinnevelly	..	..	..	..	..	453	358,709	..	..	..	..	453	358,709	..
Total	..		102	96,195	..	1,408	1,890,699	187 14 0	831	1,074,020	..	2,341	3,060,914	187 14 0
Western Group.												
Malabar	..	..	16	26,940	..	426	779,650	..	143	238,604	..	585	1,045,194	..
South Canara	..	..	9	99	..	7	12,096	..	533	344,127	..	549	356,322	..
Total	..		25	27,039	..	433	791,746	..	676	582,731	..	1,134	1,401,516	..
Madras	..	..	64	116,771	..	267	451,650	..	..	..	..	331	568,421	..
Grand Total	..		191	240,005	..	2,108	3,134,095	187 14 0	1,507	1,656,751	..	3,806	5,030,851	187 14 0

APPENDIX B—*cont.*

Districts.	British vessels—*cont.*											
	Other vessels (excluding coasting steamers).											
	Arrived.											
	In ballast.			With cargo.			With passengers.			Total.		
	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.
	26	27	28	29	30	31	32	33	34	35	36	37
Eastern Group.			Rs. A. P.			Rs. A. A.			Rs. A. P.			Rs. A. P.
Ganjám	..	..	1	2,049	288 2 3	1	1,437	179 10 0	..	..	..	2	3,486	467 12 3
Vizagapatam	..	..	38	62,698	5,877 15 0	22	36,165	3,833 11 6	..	..	..	60	98,863	9,711 10 6
Gódávari	..	..	12	19,090	2,523 12 9	39	66,202	7,939 7 3	2	4,518	847 2 0	53	89,810	11,310 6 0
Kistna	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Nellore	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	..	..	2	3,806	356 13 0	8	17,001	1,938 8 6	26	43,283	1,007 2 0	36	64,090	3,302 7 6
Tanjore	..	..	..	..	..	2	3,042	..	51	83,706	3,176 1 0	53	86,748	3,176 1 0
Madura	..	..	..	..	..	18	3,715	267 9 9	1	79	4 15 0	19	3,794	272 8 9
Tinnevelly	..	..	5	4,279	683 14 6	19	33,395	3,614 10 0	..	..	..	24	37,674	4,298 8 6
Total	..		58	91,922	9,730 9 6	109	160,957	17,773 9 0	80	131,586	5,035 4 0	247	384,465	32,539 6 6
Western Group.												
Malabar	..	..	1	22	1 0 6	50	59,138	2,807 15 3	13	26,779	1,406 13 3	64	85,939	4,215 13 0
South Canara	..	..	2	255	11 15 3	5	669	41 13 0	..	..	..	7	924	53 12 3
Total	..		3	277	12 15 9	55	59,807	2,849 12 3	13	26,779	1,406 13 3	71	86,863	4,269 9 3
Madras	..	..	6	9,110	951 7 0	237	522,323	71,095 11 3	..	..	..	243	531,433	72,047 2 3
Grand Total	..		67	101,309	10,695 0 3	401	743,087	91,719 0 6	93	158,365	6,442 1 3	561	1,002,761	1,08,856 2 0

APPENDIX B—*cont.*

Districts.	British vessels—*cont.*											
	Other vessels (excluding coasting steamers)—*cont.*											
	Left.											
	In ballast.			With cargo.			With passengers.			Total.		
	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.
	38	39	40	41	42	43	44	45	46	47	48	49
Eastern Group.			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjám	..	..	..	2	3,486	..	..	..	..	2	3,486	..
Vizagapatam	..	..	..	58	94,485	..	..	..	..	58	94,485	..
Gódávari	1	1,797	..	40	67,701	..	2	4,849	..	43	74,347	..
Kistna	..	..	..	..	..	..	..	..	..	..	..	..
Nellore	..	..	..	..	..	..	..	..	..	..	..	..
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	..	..	..	11	22,610	..	34	59,509	..	45	82,119	..
Tanjore	..	..	..	2	4,069	..	55	89,063	..	57	93,132	..
Madura	19	4,130	..	..	..	..	..	..	..	19	4,130	..
Tinnevelly	..	..	..	24	37,674	..	..	..	..	24	37,674	..
Total ..	20	5,927	..	137	230,025	..	91	153,421	..	248	389,373	..
Western Group.												
Malabar	6	1,415	..	46	59,767	..	13	26,372	..	65	87,554	..
South Canara	1	218	..	6	706	..	..	..	..	7	924	..
Total ..	7	1,633	..	52	60,473	..	13	26,372	..	72	88,478	..
Madras	51	98,638	..	187	421,521	..	..	..	..	238	520,159	..
Grand Total ..	78	106,198	..	376	712,019	..	104	179,793	..	558	998,010	..

APPENDIX B—*cont.*

Districts.	Foreign vessels.											
	—											
	Arrived.											
	In ballast.			With cargo.			With passengers.			Total.		
	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.
	50	51	52	53	54	55	56	57	58	59	60	61
Eastern Group.			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjám	..	..	..	..	..	..	..	..	..	..	..	..
Vizagapatam	..	..	..	..	..	..	..	..	..	..	..	..
Gódávari	1	1,639	230 7 9	2	3,804	526 9 6	..	..	..	3	5,443	757 1 3
Kistna	..	..	..	..	..	..	..	..	..	..	..	..
Nellore	..	..	..	..	..	..	..	..	..	..	..	..
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	..	..	..	..	..	..	..	..	..	..	..	..
Tanjore	..	..	..	3	5,641	1,057 11 0	..	..	..	3	5,641	1,057 11 0
Madura	..	..	..	..	..	..	..	..	..	..	..	..
Tinnevelly	..	..	..	8	16,230	2,028 12 0	..	..	..	8	16,230	2,028 12 0
Total ..	1	1,639	230 7 9	13	25,675	3,613 0 6	..	..	..	14	27,314	3,843 8 3
Western Group.												
Malabar	32	5,176	475 8 9	128	67,054	7,465 10 0	12	7,172	856 14 0	172	79,402	8,798 0 9
South Canara	275	5,164	129 4 0	279	9,208	631 3 8	29	523	15 6 0	583	14,895	775 13 8
Total ..	307	10,340	604 12 9	407	76,262	8,096 13 8	41	7,695	872 4 0	755	94,297	9,573 14 5
Madras	..	..	..	91	139,164	14,631 0 6	..	..	..	91	139,164	14,631 0 6
Grand Total ..	308	11,979	835 4 6	511	241,101	26,340 14 8	41	7,695	872 4 0	860	260,775	28,048 7 2

APPENDIX B—*cont.*

Districts.	Foreign vessels—*cont.* — Left. In ballast. Vessels.	Tonnage.	Dues.	With cargo. Vessels.	Tonnage.	Dues.	With passengers. Vessels.	Tonnage.	Dues.	Total. Vessels.	Tonnage.	Dues.
	62	63	64	65	66	67	68	69	70	71	72	73
Eastern Group.			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjám	..	..	..	..	..	..	..	..	..	..	..	..
Vizagapatam	..	..	..	..	..	..	..	..	..	..	..	..
Gódávari	..	..	..	..	..	..	..	..	..	..	..	..
Kistna	..	..	..	3	5,443	..	..	..	..	3	5,443	..
Nellore	..	..	..	..	..	..	..	..	..	..	..	..
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	..	..	..	..	..	..	..	..	..	..	..	..
Tanjore	..	..	..	..	..	..	..	..	..	..	..	..
Madura	..	..	..	2	4,720	..	..	..	..	2	4,720	..
Tinnevelly	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	..	8	16,230	..	..	..	..	8	16,230	..
Total	..	..	..	13	26,393	..	..	..	..	13	26,393	..
Western Group.												
Malabar	..	..	..	28	1,564	..	133	72,109	..	14	7,340	..	175	81,013	..
South Canara	..	..	..	128	1,888	..	405	11,611	..	19	439	..	552	13,938	..
Total	..	..	..	156	3,452	..	558	83,720	..	33	7,779	..	727	94,951	..
Madras	..	..	..	9	15,973	..	82	123,191	..	..	..	..	91	139,164	..
Grand Total	..	..	..	165	19,425	..	633	233,304	..	33	7,779	..	831	260,508	..

APPENDIX B—*cont.*

Districts.	Native craft. — Arrived. In ballast. Vessels.	Tonnage.	Dues.	With cargo. Vessels.	Tonnage.	Dues.	With passengers. Vessels.	Tonnage.	Dues.	Total. Vessels.	Tonnage.	Dues.
	74	75	76	77	78	79	80	81	82	83	84	85
Eastern Group.			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjám	..	..	3	324	15 3 0	3	549	34 5 0	..	..	..	6	873	49 8 0
Vizagapatam	..	..	2	232	7 4 0	3	218	13 10 0	..	..	..	5	450	20 14 0
Gódávari	..	..	72	10,358	446 0 0	41	5,618	305 14 0	3	657	41 1 0	116	16,633	792 15 0
Kistna	..	..	250	18,879	542 9 8	169	6,664	260 2 0	..	..	..	419	25,543	802 11 8
Nellore	..	..	4	333	11 0 0	6	784	49 0 0	..	..	..	10	1,117	60 0 0
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	..	..	85	5,980	188 13 5	45	5,856	222 15 0	92	8,054	200 6 3	222	19,890	612 2 8
Tanjore	..	..	418	22,331	579 0 3	514	47,585	1,790 8 3	480	27,542	888 2 6	1,412	97,458	3,257 11 0
Madura	..	..	1,114	27,532	258 6 5	899	28,953	1,029 9 0	1,252	19,612	146 15 3	3,265	76,097	1,434 14 8
Tinnevelly	..	..	517	13,818	161 15 8	1,539	59,921	1,329 0 0	137	3,732	63 5 9	2,193	77,471	1,554 5 5
Total	..	..	2,465	99,787	2,210 4 5	3,219	156,148	5,034 15 3	1,964	59,597	1,339 14 9	7,648	315,532	8,585 2 5
Western Group.														
Malabar	..	..	1,926	79,012	2,608 2 3	5,215	187,800	7,459 7 9	349	15,069	734 4 0	7,490	281,881	10,801 14 0
South Canara	..	..	1,865	33,771	748 4 9	2,813	58,546	1,591 3 2	559	11,143	217 0 3	5,237	103,460	2,556 8 2
Total	..	..	3,791	112,783	3,356 7 0	8,028	246,346	9,050 10 11	908	26,212	951 4 3	12,727	385,341	13,358 6 2
Madras	..	..	9	914	57 11 1	96	11,034	649 14 1	..	..	..	105	11,948	707 9 2
Grand Total	..	..	6,265	213,484	5,624 6 6	11,343	413,528	14,735 8 3	2,872	85,809	2,291 3 0	20,480	712,821	22,651 1 9

APPENDIX B—*cont.*

Districts.	Native craft—*cont.* — Left. In ballast. Vessels.	In ballast. Tonnage.	In ballast. Dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Dues.	Total. Vessels.	Total. Tonnage.	Total. Dues.
	86	87	88	89	90	91	92	93	94	95	96	97
Eastern Group.			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjám	1	149	..	5	724	..	..	..	..	6	873	..
Vizagapatam	1	58	..	2	160	..	..	..	..	3	218	..
Gódávari	23	2,918	..	86	12,497	..	2	468	..	111	15,883	..
Kistna	125	3,631	..	333	22,415	..	..	..	..	458	26,046	..
Nellore	..	..	..	9	915	1 15 0	..	..	..	9	915	1 15 0
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	25	2,812	..	56	5,833	..	133	11,273	..	214	19,918	..
Tanjore	178	12,815	..	844	70,434	26 6 6	387	12,614	1 12 0	1,409	95,863	28 2 6
Madura	1,038	26,324	..	1,012	30,878	271 7 9	1,267	17,681	18 11 0	3,317	74,883	290 2 9
Tinnevelly	856	25,181	..	1,112	46,041	..	239	6,531	..	2,207	77,753	..
Total ..	2,247	73,888	..	3,459	189,897	299 13 3	2,028	48,567	20 7 0	7,734	312,352	320 4 3
Western Group.												
Malabar	1,622	51,769	..	5,597	221,223	..	201	7,389	..	7,420	280,372	..
South Canara	1,008	17,847	..	3,480	71,330	..	748	14,415	..	5,236	103,592	..
Total ..	2,630	69,607	..	9,077	292,553	..	949	21,804	..	12,656	383,964	..
Madras	60	8,544	..	31	3,151	..	..	..	..	91	11,695	..
Grand Total ..	4,937	152,039	..	12,567	485,601	299 13 3	2,977	70,371	20 7 0	20,481	708,011	320 4 3

APPENDIX B—*cont.*

Districts.	Total. — Arrived. In ballast. Vessels.	In ballast. Tonnage.	In ballast. Dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Dues.	Total. Vessels.	Total. Tonnage.	Total. Dues.
	98	99	100	101	102	103	104	105	106	107	108	109
Eastern Group.			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjám	9	9,436	1,456 4 3	149	205,123	8,665 1 3	157	222,247	4,320 7 6	306	436,806	14,441 13 0
Vizagapatam	41	63,477	5,962 1 9	359	588,429	8,601 0 6	106	146,585	2,029 5 0	506	798,491	16,592 7 3
Gódávari	87	33,569	3,549 5 0	166	229,575	16,940 14 0	191	300,167	7,752 15 6	444	563,311	28,243 2 0
Kistna	255	25,647	542 9 8	211	67,486	640 12 0	96	131,858	4,451 13 0	562	224,991	5,635 2 8
Nellore	4	333	11 0 0	8	4,983	49 0 0	..	..	..	12	5,316	60 0 0
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	87	9,786	545 10 5	252	378,793	15,328 10 6	125	62,916	1,207 8 3	464	451,495	17,081 13 2
Tanjore	421	25,276	1,072 4 6	694	351,397	11,225 3 9	653	278,014	14,588 15 6	1,768	654,687	26,886 7 9
Madura	1,140	40,286	258 6 5	974	61,394	1,543 11 9	1,414	95,219	1,671 0 3	3,528	196,899	3,473 2 5
Tinnevelly	522	18,097	845 14 2	2,019	468,255	31,080 4 0	137	3,732	63 5 9	2,678	490,084	31,989 7 11
Total ..	2,566	225,907	14,243 8 2	4,823	2,355,435	94,074 9 9	2,879	1,240,738	36,085 6 3	10,268	3,822,080	1,44,403 8 2
Western Group.												
Malabar	1,969	102,075	3,084 11 6	5,826	1,090,181	53,329 12 0	509	289,718	9,205 7 3	8,304	1,481,974	65,619 14 9
South Canara	2,152	39,299	889 8 0	3,107	82,867	3,349 10 10	1,117	353,433	7,096 2 6	6,376	475,599	11,335 5 4
Total ..	4,121	141,374	3,974 3 6	8,933	1,173,048	56,679 6 10	1,626	643,151	16,301 9 9	14,680	1,957,573	76,955 4 1
Madras	16	10,688	1,063 9 7	751	1,232,735	1,19,868 2 7	..	..	..	767	1,243,423	1,20,931 12 2
Grand Total ..	6,703	377,969	19,281 5 3	14,507	4,761,218	2,70,622 3 2	4,505	1,883,889	52,387 0 0	25,715	7,023,076	3,42,290 8 5

APPENDIX B—*cont.*

Districts.	Total—*cont.* Left. In ballast. Vessels.	In ballast. Tonnage.	In ballast. Dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Dues.	Total. Vessels.	Total. Tonnage.	Total. Dues.
	110	111	112	113	114	115	116	117	118	119	120	121
Eastern Group.			Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjám	1	149	..	135	192,890	..	170	243,767	..	306	436,806	..
Vizagapatam	1	58	..	394	646,691	..	107	147,132	..	502	793,881	..
Gódávari	24	4,715	..	213	240,479	..	188	294,904	..	425	540,098	..
Kistna	169	63,605	..	343	39,079	..	89	122,810	..	601	225,494	..
Nellore	..	..	..	11	5,114	1 15 0	..	..	..	11	5,114	1 15 0
Chingleput	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot	28	10,130	..	223	303,164	..	205	138,229	..	456	451,523	..
Tanjore	181	14,826	..	1,042	396,482	26 6 6	541	238,922	1 12 0	1,764	650,230	28 2 6
Madura	1,109	57,346	..	1,059	54,461	459 5 9	1,411	83,713	18 11 0	3,579	195,520	478 0 9
Tinnevelly	856	25,181	..	1,597	458,654	..	239	6,531	..	2,692	490,366	..
Total ..	2,369	176,010	..	5,017	2,337,014	487 11 3	2,950	1,276,008	20 7 0	10,336	3,789,032	508 2 3
Western Group.												
Malabar	1,672	81,679	..	6,202	1,132,749	..	371	279,705	..	8,245	1,494,133	..
South Canara	1,146	20,052	..	3,898	95,743	..	1,300	358,981	..	6,344	474,776	..
Total ..	2,818	101,731	..	10,100	1,228,492	..	1,671	638,686	..	14,589	1,968,909	..
Madras	184	239,926	..	567	999,513	..	..	..	..	751	1,239,439	..
Grand Total ..	5,371	517,667	..	15,684	4,565,019	487 11 3	4,621	1,914,694	20 7 0	25,676	6,997,380	508 2 3

Abstract of Appendix B.

Class of Vessels.	1896–97. Madras. Number.	Madras. Tonnage.	Eastern Group. Number.	Eastern Group. Tonnage.	Western Group. Number.	Western Group. Tonnage.	Total. Number.	Total. Tonnage.	1895–96. Number.	1895–96. Tonnage.	1894–95. Number.	1894–95. Tonnage.
British .. .. Coasting steamers ..	328	560,878	2,359	3,094,769	1,127	1,391,072	3,814	5,046,719	3,969	5,457,124	4,155	5,526,310
British .. .. Other vessels ..	243	531,433	247	384,465	71	86,863	561	1,002,761	562	966,754	525	879,572
Foreign vessels	91	139,164	14	27,314	755	94,297	860	260,775	1,150	300,555	828	278,619
Native do.	105	11,948	7,648	315,532	12,727	385,341	20,480	712,821	20,922	756,296	20,253	709,905
Total ..	767	1,243,423	10,268	3,822,080	14,680	1,957,573	25,715	7,023,076	26,603	7,480,729	25,761	7,394,406
Dues collected.	Rs.		Rs.		Rs.		Rs.		Rs.		Rs.	
British .. .. Coasting steamers ..	33,546		99,623		49,754		1,82,923		2,00,380		1,97,331	
British .. .. Other vessels ..	72,047		32,540		4,269		1,08,856		1,03,609		96,282	
Foreign vessels	14,631		3,843		9,574		28,048		31,614		27,154	
Native do.	708		8,905		13,358		22,971		26,363		24,351	
Total ..	1,20,932		1,44,911		76,955		3,42,798		3,61,966		3,45,118	

APPENDIX C.

Statement showing the Financial position of the Port and Marine Funds of the Madras Presidency on the 31st March 1897.

Funds.	Balance on the 1st April 1896.				Transactions during 1896–97.			
					Receipts.			
	Cash.	Government securities.	Loans, *i. e.*, sums lent +, sums borrowed—.	Total.	Cash.	Government securities.	Loans and contributions repaid.	Total.
1	2	3	4	5	6	7	8	9
Act X of 1889. *Port Funds.*	Rs. A. P.	Rs.	Rs.	Rs. A. P.	Rs. A. P.		Rs.	Rs. A. P.
Ganjám	— 5,070 2 10	..	— 1,89,400	— 1,94,470 2 10	15,732 11 11	..	1,89,400	2,05,132 11 11
Vizagapatam	9,221 5 3	1,03,000	..	1,12,221 5 3	38,663 13 9	..	..	38,663 13 9
Gódávari	9,288 8 0	17,000	..	26,288 8 0	29,937 1 11	..	..	29,937 1 11
Kistna	— 14,378 6 11	..	— 4,000	— 18,378 6 11	8,827 3 3	..	4,000	12,827 3 3
Nellore	2,295 1 6	10,000	..	12,295 1 6	1,108 12 10	..	..	1,108 12 10
Chingleput	1,530 9 5	7,000	..	8,530 9 5	881 3 0	..	..	881 3 0
South Arcot	4,002 2 3	21,000	..	25,002 2 3	19,146 0 9	..	..	19,146 0 9
Tanjore	— 4,201 9 7	..	— 7,000	— 11,201 9 7	26,065 14 4	..	7,000	33,065 14 4
Madura	— 15,566 5 10	..	..	— 15,566 5 10	8,670 0 0	..	..	8,670 0 0
Tinnevelly	24,783 9 4	43,000	..	67,783 9 4	44,851 5 10	..	..	44,851 5 10
Total, Eastern Group	11,904 10 7	2,01,000	— 2,00,400	12,504 10 7	1,93,884 3 7	..	2,00,400	3,94,284 3 7
Malabar	58,485 0 1	2,40,000	+ 16,500	3,14,985 0 1	74,902 0 0	..	..	74,902 0 0
South Canara	8,179 5 9	44,000	..	52,179 5 9	19,711 5 10	..	..	19,711 5 10
Total, Western Group	66,664 5 10	2,84,000	+ 16,500	3,67,164 5 10	94,613 5 10	..	..	94,613 5 10
Madras	79,181 8 7	..	+2,00,400	2,79,581 8 7	1,28,964 11 3	..	..	1,28,964 11 3
Grand Total	1,57,750 9 0	4,85,000	+ 16,500	6,59,250 9 0	4,17,462 4 8	..	2,00,400	6,17,862 4 8
Act X of 1889. *Pilotage Funds.*								
Madras	— 1,850 5 11	50,000	..	48,149 10 1	34,217 9 0	..	..	34,217 9 0
Pámban and Kílakarai	5,356 1 10	..	..	5,356 1 10	13,096 6 3	..	..	13,096 6 3
Cochin	2,740 8 10	12,000	..	14,740 8 10	2,219 12 2	..	..	2,219 12 2
Mangalore	— 28 7 7	..	..	— 28 7 7	435 8 0	..	..	435 8 0
Total	6,217 13 2	62,000	..	68,217 13 2	49,969 3 5	..	..	49,969 3 5
Act III of 1885. *Landing and Shipping Dues.*								
Vizagapatam	26,431 14 1	..	..	26,431 14 1	10,571 2 0	..	..	10,571 2 0
Cocanada	47,698 12 4	..	— 16,500	31,198 12 4	40,675 11 2	..	..	40,675 11 2
Masulipatam	4,362 8 3	5,000	..	9,362 8 3	2,020 4 6	..	..	2,020 4 6
Negapatam	47,689 8 6	..	..	47,689 8 6	12,275 4 9	..	..	12,275 4 9
Mangalore	17,983 1 6	..	..	17,983 1 6	14,633 6 4	..	..	14,633 6 4
Total	1,44,165 12 8	5,000	— 16,500	1,32,665 12 8	80,175 12 9	..	..	80,175 12 9
Grand Total, Acts X of 1889 and III of 1885	3,08,134 2 10	5,52,000	..	8,60,134 2 10	5,47,607 4 10	..	2,00,400	7,48,007 4 10

APPENDIX C—*cont.*

Statement showing the financial position of the Port and Marine Funds of the Madras Presidency on the 31st March 1897—*cont.*

Funds.	Transactions during 1896–97—*cont.*				Balance on 31st March 1897.			
	Charges.							
	Cash.	Government securities.	Loans granted and contributions.	Total.	Difference between receipts and charges (9)—(13).	Cash.	Government securities.	Loans, *i.e.*, sums lent +, sums borrowed—.	Total (5) + (14).
	10	11	12	13	14	15	16	17	18
Act X of 1889. *Port Funds.*	Rs. A. P.		Rs.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	Rs.	Rs. A. P.
Ganjám	16,367 1 9	..	..	16,367 1 9	— 634 5 10 +1,89,400 0 0	— 5,704 8 8	..	..	— 5,704 8 8
Vizagapatam	27,739 11 8	..	..	27,739 11 8	10,924 2 1	20,145 7 4	1,03,000	..	1,23,145 7 4
Gódávari	24,216 14 5	..	..	24,216 14 5	5,720 3 6	15,008 11 6	17,000	..	32,008 11 6
Kistna	11,511 6 4	..	..	11,511 6 4	— 2,684 3 1 + 4,000 0 0	— 17,062 10 0	..	..	— 17,062 10 0
Nellore	142 14 3	..	..	142 14 3	965 14 7	3,261 0 1	10,000	..	13,261 0 1
Chingleput	14 5 0	..	..	14 5 0	866 14 0	2,397 7 5	7,000	..	9,397 7 5
South Arcot	13,612 7 6	..	..	13,612 7 6	5,533 9 3	9,535 11 6	21,000	..	39,535 11 6
Tanjore	24,104 9 10	..	..	24,104 9 10	+ 1,061 4 6 + 7,000 0 0	— 2,240 5 1	..	..	— 2,240 5 1
Madura	13,137 15 1	..	..	13,137 15 1	— 4,467 15 1	— 20,034 4 11	..	..	— 20,034 4 11
Tinnevelly	30,259 9 7	..	..	30,259 9 7	14,591 12 3	39,375 5 7	43,000	..	82,375 5 7
Total Eastern Group	1,61,106 15 5	..	..	1,61,106 15 5	2,33,177 4 2	44,681 14 9	2,01,000	..	2,45,681 14 9
Malabar	87,990 8 7	..	..	87,990 8 7	— 1,3088 8 7	45,396 7 6	2,40,000	+ 16,500	3,01,896 7 6
South Canara	13,186 9 6	..	..	13,186 9 6	6,524 12 4	14,704 2 1	44,000	..	58,704 2 1
Total Western Group	1,01,177 2 1	..	..	1,01,177 2 1	— 6,563 12 3	60,100 9 7	2,84,000	+ 16,500	3,60,600 9 7
Madras	1,21,228 15 3	..	2,00,400	3,21,628 15 3	+ 51,810 15 7 — 44,075 3 7 — 2,00,400 0 0	+ 51,810 15 7 + 35,106 5 0	..	..	86,917 4 7
Grand Total	3,83,513 0 9	..	2,00,400	5,83,913 0 9	33,949 3 11	1,91,699 12 11	4,85,000	+ 16,500	6,93,199 12 11
Act X of 1889. *Pilotage Funds.*									
Madras	36,666 11 4	..	..	36,666 11 4	— 2,236 0 11 — 213 1 5	— 2,063 7 4 — 2,236 0 11	50,000	..	45,700 7 9
Pámban and Kílakarai	2,709 11 1	..	..	2,709 11 1	10,386 11 2	15,742 13 0	..	..	15,742 13 0
Cochin	2,029 6 0	..	..	2,029 6 0	190 6 2	2,930 15 0	12,000	..	14,930 15 0
Mangalore	421 0 0	..	..	421 0 0	14 8 0	— 13 15 7	..	..	— 13 15 7
Total	41,826 12 5	..	..	41,826 12 5	8,142 7 0	14,360 4 2	62,000	..	76,360 4 2
Act III of 1885. *Landing and Shipping Dues.*									
Vizagapatam	20,786 13 4	..	..	20,786 13 4	— 10,215 11 4	16,216 2 9	..	..	16,216 2 9
Cocanada	68,668 12 11	..	..	68,668 12 11	— 27,993 1 9	19,705 10 7	..	— 16,500	3,205 10 7
Masulipatam	2,707 5 2	..	..	2,707 5 2	— 687 0 8	3,675 7 7	5,000	..	8,675 7 7
Negapatam	23,561 8 10	..	..	23,561 8 10	— 11,286 4 1	36,403 4 5	..	..	36,403 4 5
Mangalore	726 4 5	..	..	726 4 5	13,907 1 11	31,890 3 5	..	..	31,890 3 5
Total	1,16,450 12 8	..	..	1,16,450 12 8	— 36,274 15 11	1,07,890 12 9	5,000	— 16,500	96,390 12 9
Grand Total, Acts X of 1889 and III of 1885	5,41,790 9 10	..	2,00,400	7,42,190 9 10	5,816 11 0	3,13,950 13 10	5,52,000	..	8,65,950 13 10

APPENDIX C (i).

Statement showing the Receipts of the Maritime Districts in the Madras Presidency (under Act X of 1889) for the official year 1896–97, revised in accordance with the rules published in G.O., No. 24, Marine, dated 27th January 1890.

Districts.	Share of coasting steamers' dues.	Other Port dues.	Share of General Administration receipts.	Miscellaneous receipts.	Public Works receipts.	Fees.	Interest.	Repayment of loans, advances, contributions and investments.	Provincial contribution.	Total.
Eastern Group.	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		Rs. A. P.
Ganjám	13,790 9 1	517 4 3	..	108 7 0	..	1,316 7 7	..	1,89,400 0 0	..	2,05,132 11 11
Vizagapatam	22,296 8 4	9,732 8 6	..	516 14 11	..	2,521 14 2	3,595 15 10	..	..	38,663 13 9
Gódávari	14,395 12 4	12,860 6 3	..	47 9 5	540 0 0	1,499 13 9	593 8 2	..	..	29,937 1 11
Kistna	6,360 5 2	802 11 8	..	244 4 11	..	1,419 13 6	..	4,000 0 0	..	12,827 3 3
Nellore	133 14 6	61 15 0	..	550 13 4	..	13 0 0	349 2 0	..	..	1,108 12 10
Chingleput	..	..	..	636 12 10	..	..	244 6 2	..	..	881 3 0
Madras	33,195 0 9	87,385 11 11	..	3,563 10 4	..	4,820 4 3	..	..	..	1,28,964 11 3
South Arcot	11,719 14 7	3,914 10 2	..	2,034 9 10	..	743 11 6	733 2 8	..	..	19,146 0 9
Tanjore	14,823 9 1	7,519 9 6	..	498 9 6	..	3,224 2 3	..	7,000 0 0	..	33,065 14 4
Madura	3,731 5 5	2,078 5 8	..	1,018 13 2	..	1,841 7 9	..	..	..	8,670 0 0
Tinnevelly	11,439 1 6	7,923 15 5	..	21,578 8 5	..	2,408 8 8	1,501 3 10	..	..	44,851 5 10
Total ..	1,31,886 0 9	1,32,797 2 4	..	30,799 1 8	540 0 0	19,809 3 5	7,017 6 8	2,00,400 0 0	..	5,23,248 14 10
Western Group.										
Malabar	37,009 2 9	23,818 12 9	..	837 10 8	..	4,857 5 10	8,379 0 0	..	..	74,902 0 0
South Canara	12,744 3 6	3,386 2 1	..	724 4 7	..	1,320 9 4	1,536 2 4	..	..	19,711 5 10
Total ..	49,753 6 3	27,204 14 10	..	1,561 15 3	..	6,177 15 2	9,915 2 4	..	..	94,613 5 10
Grand Total ..	1,81,639 7 0	1,60,002 1 2	..	32,361 0 11	540 0 0	25,987 2 7	16,932 9 0	2,00,400 0 0	..	6,17,862 4 8

APPENDIX C (i-*a*).

Statement showing the actual receipts of the Maritime Districts in the Madras Presidency (under Act X of 1889) for the official year 1896–97.

Districts.	Coasting Steamers' dues.	Other Port dues.	General Administration receipts.	Miscellaneous receipts.	Public Works receipts.	Fees.	Interest.	Repayment of loans, advances, contributions and investments.	Provincial contribution.	Total.
Eastern Group.	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		Rs. A. P.
Ganjám	13,924 8 9	517 4 3	..	108 7 0	..	1,316 7 7	..	1,89,400 0 0	..	2,05,266 11 7
Vizagapatam	6,859 14 9	9,732 8 6	..	516 14 11	..	2,521 14 2	3,595 15 10	..	..	23,227 4 2
Gódávari	15,090 14 9	12,860 6 3	..	47 9 5	540 0 0	1,499 13 9	593 8 2	..	..	30,632 4 4
Kistna	4,550 13 0	802 11 8	..	244 4 11	..	1,419 13 6	..	4,000 0 0	..	11,017 11 1
Nellore	..	61 15 0	..	550 13 4	..	13 0 0	349 2 0	..	..	974 14 4
Chingleput	..	..	..	636 12 10	..	..	244 6 2	..	..	881 3 0
Madras	33,195 0 9	87,385 11 11	..	3,563 10 4	..	4,820 4 3	..	..	..	1,28,964 11 3
South Arcot	13,167 3 0	3,914 10 2	..	2,034 9 10	..	743 11 6	733 2 8	..	..	20,593 5 2
Tanjore	19,147 14 9	7,519 9 6	..	498 9 6	..	3,224 2 3	..	7,000 0 0	..	37,390 4 0
Madura	1,929 3 0	2,078 5 8	..	1,018 13 2	..	1,841 7 9	..	..	..	6,867 13 7
Tinnevelly	24,020 8 0	7,923 15 5	..	21,578 8 5	..	2,408 8 8	1,501 3 10	..	..	57,432 12 4
Total ..	1,31,886 0 9	1,32,797 2 4	..	30,799 1 8	540 0 0	19,809 3 5	7,017 6 8	2,00,400 0 0	..	5,23,248 14 10
Western Group.										
Malabar	41,804 3 0	23,818 12 9	..	837 10 8	..	4,857 5 10	8,379 0 0	..	..	79,697 0 3
South Canara	7,949 3 3	3,386 2 1	..	724 4 7	..	1,320 9 4	1,536 2 4	..	..	14,916 5 7
Total ..	49,753 6 3	27,204 14 10	..	1,561 15 3	..	6,177 15 2	9,915 2 4	..	..	94,613 5 10
Grand Total ..	* 1,81,639 7 0	1,60,002 1 2	..	32,361 0 11	540 0 0	25,987 2 7	16,932 9 0	2,00,400 0 0	..	6,17,862 4 8

* Total of coasting steamers' dues as per abstract statement in Appendix B			Rs.	A.	P.
			1,82,922	11	6
Deduct—	Rs.	A.	P.		
Refund of coasting steamers' dues, Eastern Group	1,283	4	6		
Do do. Western Group	..				
			1,283	4	6
Total ..			1,81,639	7	0

APPENDIX C (ii).

Statement showing the Charges of the Maritime Districts in the Madras Presidency (under Act X of 1889) for the official year 1896–97, revised in accordance with the rules published in G.O., No. 24, Marine, dated 27th January 1890.

Districts.	Share of General Administration charges.	Share of lighthouse charges.	Establishment.		Contingencies and Miscellaneous.	Public Works charges.	Fees.	Interest.	(a) Contributions and (b) investments.	Total.
			Port officers and Conservators.	Other Establishments.						
Eastern Group.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.
Ganjám	5,819 7 8	3,465 14 5	3,757 5 4	1,219 14 5	1,096 10 5	396 2 7	611 10 11	..	..	16,367 1 9
Vizagapatam	10,638 2 1	6,335 12 0	4,306 6 7	2,184 0 0	2,901 8 2	44 10 0	1,329 4 10	..	..	27,739 11 8
Gódávari	7,504 13 11	4,469 10 10	5,521 15 6	2,309 15 4	3,060 3 11	825 9 2	524 9 9	..	..	24,216 14 5
Kistna	2,997 8 2	1,785 3 7	2,912 15 6	719 7 6	1,382 0 9	1,024 9 0	689 9 10	..	..	11,511 6 4
Nellore	70 13 2	42 2 11	..	..	29 14 2	..	..	..	..	142 14 3
Chingleput	..	..	..	..	14 5 0	..	..	..	..	14 5 0
Madras	16,565 13 11	9,866 2 1	9,120 1 1	15,803 6 11	22,851 5 5	2,048 10 4	898 3 11	..	2,44,475 3 7	3,21,628 15 3
South Arcot	6,015 2 10	3,582 7 3	720 0 0	1,819 13 5	941 9 11	246 2 5	287 3 8	..	..	13,612 7 6
Tanjore	8,722 4 2	5,194 11 5	4,573 0 0	1,891 2 3	2,095 6 0	398 11 9	1,229 6 3	..	..	24,104 9 10
Madura	2,623 3 11	1,562 5 2	2,698 1 2	491 1 6	1,151 1 4	4,431 14 0	180 4 0	..	..	13,137 15 1
Tinnevelly	6,529 4 8	3,888 10 4	3,609 11 6	2,728 1 5	4,505 6 7	7,785 14 5	1,212 8 8	..	..	30,259 9 7
Total ..	67,486 10 6	40,193 0 0	37,219 8 8	29,166 14 9	40,029 7 8	17,202 3 8	6,962 13 10	..	2,44,475 3 7	4,82,735 14 8
Western Group.										
Malabar	19,744 0 7	3,723 14 7	16,865 11 6	6,471 2 6	5,716 5 10	33,487 5 3	1,982 0 4	..	..	87,990 8 7
South Canara	6,336 4 11	1,195 1 5	2,155 7 6	1,394 10 4	887 15 3	950 5 0	266 13 1	..	..	13,186 9 6
Total ..	26,080 5 6	4,919 0 0	19,021 3 0	7,865 12 10	6,604 5 1	34,437 10 3	2,248 13 5	..	..	1,01,177 2 1
Grand Total ..	93,567 0 0	45,112 0 0	56,240 11 8	37,032 11 7	46,633 12 9	51,639 13 11	9,211 11 3	..	2,44,475 3 7	5,83,913 0 9

APPENDIX C (ii-*a*).

Statement showing the actual charges of the Maritime Districts in the Madras Presidency (under Act X of 1889) for the official year 1896–97.

Districts.	General charges.	Lighthouse charges.	Establishment.		Contingencies and Miscellaneous.	Public Works charges.	Fees.	Interest.	Contributions and investments.	Total.
			Port officers and Conservators.	Other Establishment.						
Eastern Group.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.
Ganjám	81 0 0	6,289 13 3	3,757 5 4	1,219 14 5	1,096 10 5	396 2 7	611 10 11	..	..	13,452 8 11
Vizagapatam	42 0 0	4,569 13 4	4,306 6 7	2,184 0 0	2,901 8 2	44 10 0	1,329 4 10	..	..	15,377 10 11
Gódávari	605 0 0	4,907 4 3	5,521 15 6	2,309 15 4	3,060 3 11	825 9 2	524 9 9	..	..	17,754 9 11
Kistna	10 5 2	2,815 7 4	2,912 15 6	719 7 6	1,382 0 9	1,024 9 0	689 9 10	..	..	9,554 7 1
Nellore	..	2,512 2 1	..	..	29 14 2	..	..	..	..	2,542 0 3
Chingleput	..	3,584 4 10	..	..	14 5 0	..	..	..	..	3,598 9 10
Madras	77,151 6 9	4,310 15 3	9,120 1 1	15,803 6 11	22,851 5 5	2,048 10 4	898 3 11	..	44,075 3 7 2,00,400 0 0	3,76,659 5 3
South Arcot	143 12 7	570 12 2	720 0 0	1,819 13 5	941 9 11	246 2 5	287 3 8	..	..	4,729 6 2
Tanjore	102 0 0	1,473 10 10	4,573 0 0	1,891 2 3	2,095 6 0	398 11 9	1,229 6 3	..	..	11,763 5 1
Madura	12,975 4 8	1,350 5 8	2,698 1 2	491 1 6	1,151 1 4	4,431 14 0	180 4 0	..	..	23,278 0 4
Tinnevelly	853 9 3	7,808 7 0	3,609 11 6	2,728 1 5	4,505 6 7	7,785 14 5	1,212 8 8	..	..	28,503 10 10
Total ..	91,964 6 5	40,193 0 0	37,219 8 8	29,166 14 9	40,029 7 8	17,202 3 8	6,962 13 10	..	2,44,475 3 7	5,07,213 10 7
Western Group.										
Malabar	1,547 1 7	2,216 15 11	16,865 11 6	6,471 2 6	5,716 5 10	33,487 5 3	1,982 0 4	..	..	68,286 10 11
South Canara	55 8 0	2,702 0 1	2,155 7 6	1,394 10 4	887 15 3	950 5 0	266 13 1	..	..	8,412 11 3
Total ..	1,602 9 7	4,919 0 0	19,021 3 0	7,865 12 10	6,604 5 1	34,437 10 3	2,248 13 5	..	..	76,699 6 2
Grand Total ..	93,567 0 0	45,112 0 0	56,240 11 8	37,032 11 7	46,633 12 9	51,639 13 11	9,211 11 3	..	2,44,475 3 7	5,83,913 0 9

APPENDIX C (iii).

Statement showing particulars of General Receipts and Charges of the Maritime Districts in the Madras Presidency (under Act X of 1889) for the official year 1896–97.

Districts.	Receipts.			Charges.																				
	Survey and registration of vessels.	Sale of surplus stores.	Total.	Officers of the Administrative Department.			Presidency Port Office Establishment.			Contingencies.			Travelling allowance of officers of the Administrative Department.			Leave allowance of Port Officers.			Miscellaneous.			Pensions and gratuities.			Total.		
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
Ganjám ..	..	..	..	..			..			..			..			..			..			81	0	0	81	0	0
Vizagapatam ..	..	..	..	..			..			..			..			..			..			42	0	0	42	0	0
Gódávari ..	..	..	..	..			..			..			..			..			..			605	0	0	605	0	0
Kistna ..	..	..	..	..			..			..			..			..			..			10	5	2	10	5	2
Nellore ..	..	..	..	..			..			..			..			..			..			..			..		
Chingleput ..	..	..	..	..			..			..			..			..			..			..			..		
Madras. (General charges.	..	..	..	..			..			..			..			6,371	7	5	(a)12,280	5	8	18,513	10	0	37,165	7	1
Madras. Presidency Port Office	..	..	..	20,554	13	8	11,143	12	2	1,870	5	8	1,876	0	8	..			(b) 4,540	15	11	..			39,985	15	8
South Arcot ..	..	..	..	..			..			..			..			..			(a) 6	0	0	143	12	7	143	12	7
Tanjore ..	..	..	..	..			..			..			..			..			(a) 12,936	4	8	96	0	0	102	0	0
Madura ..	..	..	..	..			..			..			..			..			(a) 830	6	0	39	0	0	12,975	4	8
Tinnevelly ..	..	..	..	..			..			..			..			..			(a) 15	8	0	23	3	3	853	9	3
Malabar ..	..	..	..	..			..			..			..			..						1,547	1	7	1,547	1	7
South Canara ..	..	..	..	..			..			..			..			..						40	0	0	55	8	0
Total ..	..	..	..	20,554	13	8	11,143	12	2	1,870	5	8	1,876	0	8	6,371	7	5	30,609	8	3	21,141	0	7	93,567	0	0

(a) Represents charges incurred on account of Dredger "Wenlock".
(b) This sum is made up of the following items:—

	Rs.	A.	P.
Stationery and printing	1,552	0	7
Rent of telephone line	162	7	11
Books and periodicals received from England for the Port Department	559	14	1
Share of Municipal assessment on Port Office building occupied by the Presidency Port Office ..	460	5	4
Charges incurred on account of S.S. "Margaritta" in connection with the inspection tour of the Presidency Port Officer	806	4	0
Honorarium paid to Mr. Ashpitel, Executive Engineer, Lighthouse division	1,000	0	0
Total ..	4,540	15	11

APPENDIX C (iv-*a*).

Statement of Fees received during 1896–97.

Districts.	Fees levied under Acts.	Overtime fees for Port Officers and Conservators.	Overtime fees for establishment.	Total.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Ganjám	626 8 0	637 8 0	52 7 7	1,316 7 7
Vizagapatam	433 0 0	1,539 2 8	549 11 6	2,521 14 2
Gódávari	607 12 0	740 0 0	152 1 9	1,499 13 9
Kistna	181 8 0	1,120 11 4	117 10 2	1,419 13 6
Nellore	13 0 0	..	..	13 0 0
Chingleput	..	..	..	..
Madras	1,574 0 0	1,395 0 0	1,851 4 3	4,820 4 3
South Arcot	321 8 0	134 15 10	287 3 8	743 11 6
Tanjore	1,079 12 0	1,830 0 0	314 6 3	3,224 2 3
Madura	693 8 0	1,060 0 0	87 15 9	1,841 7 9
Tinnevelly	503 8 0	1,490 0 0	415 0 8	2,408 8 8
Malabar	1,372 8 0	3,011 0 0	473 13 10	4,857 5 10
South Canara	901 12 0	370 0 0	48 13 4	1,320 9 4
Total ..	8,308 4 0	13,328 5 10	4,350 8 9	25,987 2 7

APPENDIX C (iv-*b*).

Statement of Fees paid during 1896–97.

Districts.	Overtime fees paid to Port Officers and Conservators.	Overtime fees paid to establishment.	Total.
	Rs. A. P.	Rs. A. P.	Rs. A. P.
Ganjám	548 12 0	62 14 11	611 10 11
Vizagapatam	779 9 4	549 11 6	1,329 4 10
Gódávari	372 8 0	152 1 9	524 9 9
Kistna	570 3 10	119 6 0	689 9 10
Nellore	..	..	..
Chingleput	..	..	..
Madras	..	898 3 11	898 3 11
South Arcot	..	287 3 8	287 3 8
Tanjore	915 0 0	314 6 3	1,229 6 3
Madura	74 0 0	106 4 0	180 4 0
Tinnevelly	797 8 0	415 0 8	1,212 8 8
Malabar	1,508 4 0	473 12 4	1,982 0 4
South Canara	217 8 0	49 5 1	266 13 1
Total ..	5,783 5 2	3,428 6 1	9,211 11 3

APPENDIX C (v).

Statement showing Receipts and Charges of the Marine Funds of the Madras Presidency for 1896–97.

Funds.	Receipts.	Charges.
	Rs. A. P.	Rs. A. P.
Landing and Shipping Dues Act III of 1885.		
Vizagapatam	10,571 2 0	20,786 13 4
Cocanada	40,675 11 2	68,668 12 11
Masulipatam	2,020 4 6	2,707 5 2
Negapatam	12,275 4 9	23,561 8 10
Mangalore	14,633 6 4	726 4 5
Total ..	80,175 12 9	1,16,450 12 8
Pilotage Funds Act X of 1889.		
Madras	34,217 9 0	36,666 11 4
Pámban and Kilakarai	13,096 6 3	2,709 11 1
Cochin	2,219 12 2	2,029 6 0
Mangalore	435 8 0	421 0 0
Total ..	49,969 3 5	41,826 12 5

APPENDIX C (vi-*a*).

PLUS AND MINUS entries to be made in Port Fund Receipts (Act X of 1889) for 1896–97 to arrive at the figures in Appendix C (i).

1	2	3		4	5		6		7
Districts.	Total receipts as per monthly accounts sent to Accountant-General.	Other adjustments.		Net receipts as per Appendix C (i-*a*).	Adjustments of Coasting Steamers' dues.		Adjustment of general receipts.		Net receipts as per Appendix C (i).
		Add.	Deduct.		Add.	Deduct.	Add.	Deduct.	
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Ganjám	2,05,266 11 7	..	..	2,05,266 11 7	13,790 9 1	13,924 8 9	..	..	2,05,132 11 11
Vizagapatam	23,227 4 2	..	..	23,227 4 2	22,296 8 4	6,859 14 9	..	..	38,663 13 9
Gódávari	30,924 1 4	..	(*a*) 291 13 0	30,632 4 4	14,395 12 4	15,090 14 9	..	..	29,937 1 11
Kistna	11,299 5 1	..	(*a*) 281 10 0	11,017 11 1	6,360 5 2	4,550 13 0	..	..	12,827 3 3
Nellore	974 14 4	..	..	974 14 4	133 14 6	..	..	..	1,108 12 10
Chingleput	881 3 0	..	..	881 3 0	..	..	..	..	881 3 0
Madras Port Funds (including General Administration)	1,29,315 10 9	..	(*a*) 350 15 6	1,28,964 11 3	33,195 0 9	33,195 0 9	..	..	1,28,964 11 3
South Arcot	20,593 5 2	..	..	20,593 5 2	11,719 14 7	13,167 3 0	..	..	19,146 0 9
Tanjore	37,637 6 0	..	(*a*) 247 2 0	37,390 4 0	14,823 9 1	19,147 14 9	..	..	33,065 14 4
Madura	6,892 3 7	..	(*a*) 24 6 0	6,867 13 7	3,731 5 5	1,929 3 0	..	..	8,670 0 0
Tinnevelly	57,520 2 4	..	(*a*) 87 6 0	57,432 12 4	11,439 1 6	24,020 8 0	..	..	44,851 5 10
Total ..	5,24,532 3 4	..	1,283 4 6	5,23,248 14 10	1,31,886 0 9	1,31,886 0 9	..	..	5,23,248 14 10
Malabar	79,697 0 3	..	..	79,697 0 3	37,009 2 9	41,804 3 0	..	..	74,902 0 0
South Canara	14,916 5 7	..	..	14,916 5 7	12,744 3 6	7,949 3 3	..	..	19,711 5 10
Total ..	94,613 5 10	..	..	94,613 5 10	49,753 6 3	49,753 6 3	..	..	94,613 5 10
Grand Total ..	6,19,145 9 2	..	1,283 4 6	6,17,862 4 8	1,81,639 7 0	1,81,639 7 0	..	..	6,17,862 4 8

Column 3 (*a*) Coasting Steamers' dues subsequently refunded and deducted on both sides of the account.
,, 5 Distribution of Coasting Steamers' dues in proportion to the tonnage that entered each district during the year, Madras excepted.

APPENDIX C (vi-*b*).

PLUS and MINUS entries to be made in Port Fund Charges (Act X of 1889 for 1896–97) to arrive at the figures given in Appendix C (ii).

1	2	3		4	5		6		7
Districts.	Total charges as per monthly accounts sent to Accountant-General.	Other adjustments.		Net charges as per Appendix C (ii-*a*).	Adjustment on account of general charges.		Adjustment of lighthouse charges.		Net charges as per Appendix C (ii).
		Add.	Deduct.		Add.	Deduct.	Add.	Deduct.	
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Ganjám	13,458 14 3	81 0 0	(*d*) 87 5 4	13,452 8 11	5,819 7 8	81 0 0	3,465 14 5	6,289 13 3	16,367 1 9
Vizagapatam	15,510 5 7	42 0 0	(*d*) 174 10 8	15,377 10 11	10,638 2 1	42 0 0	6,335 12 0	4,569 13 4	27,739 11 8
Gódávari	17,441 6 11	605 0 0	(*a*) 291 13 0	17,754 9 11	7,504 13 11	605 0 0	4,469 10 10	4,907 4 3	24,216 14 5
Kistna	9,825 11 11	10 5 2	(*a*) 281 10 0	9,554 7 1	2,997 8 2	10 5 2	1,785 3 7	2,815 7 4	11,511 6 4
Nellore	2,542 0 3	..	..	2,542 0 3	70 13 2	..	42 2 11	2,512 2 1	142 14 3
Chingleput	3,598 9 10	..	..	3,598 9 10	..	..	..	3,584 4 10	14 5 0
Madras .. { Administration		..	(*b*)93,566 12 9	..	..	..	..	..	..
Madras .. { Madras Port Funds ..	3,00,650 1 9	(*a*) 77,151 3 6 (*d*) 262 0 0	(*a*) 350 15 6 (*c*) 1,053 0 6	3,76,659 5 3	16,565 13 11	77,151 6 9	9,866 2 1	4,310 15 3	3,21,628 15 3
South Arcot	4,585 9 7	143 12 7	..	4,729 6 2	6,015 2 10	143 12 7	3,582 7 3	570 12 2	13,612 7 6
Tanjore	12,028 5 1	102 0 0	(*a*) 247 2 0 (*e*) 119 14 0	11,763 5 1	8,722 4 2	102 0 0	5,194 11 5	1,473 10 10	24,104 9 10
Madura	10,327 1 8	12,975 4 8	(*a*) 24 6 0	23,278 0 4	2,623 3 11	12,975 4 8	1,562 5 2	1,350 5 8	13,137 15 1
Tinnevelly	27,737 7 7	853 9 3	(*a*) 87 6 0	28,503 10 10	6,529 4 8	853 9 3	3,888 10 4	7,808 7 0	30,259 9 7
Total ..	5,11,272 7 2	92,226 3 2	96,284 15 9	5,07,213 10 7	67,486 10 6	91,964 6 5	40,193 0 0	40,193 0 0	4,82,735 14 8
Malabar	66,619 11 4	1,547 1 7 (*e*) 119 14 0	..	68,286 10 11	19,744 0 7	1,547 1 7	3,723 14 7	2,216 15 11	87,990 8 7
South Canara	7,304 2 9	55 8 0 (*c*)1,053 0 6	..	8,412 11 3	6,336 4 11	55 8 0	1,195 1 5	2,702 0 1	13,186 9 6
Total ..	73,923 14 1	2,775 8 1	..	76,699 6 2	26,080 5 6	1,602 9 7	4,919 0 0	4,919 0 0	1,01,177 2 1
Grand Total ..	5,85,196 5 3	95,001 11 3	96,284 15 9	5,83,913 0 9	93,567 0 0	93,567 0 0	45,112 0 0	45,112 0 0	5,83,913 0 9

Column 3.—(*a*) Refund of Coasting Steamers' dues deducted on both sides of the account.
(*b*) General charges including charges on account of Dredger "Wenlock."
(*c*) Represents cost of Harbour entrance light transferred to Hangarkota.
(*d*) Do. of life-saving rocket apparatus stores transferred to Madras Port.
(*e*) Represents railway fare on stores shipped by the Port Office, Negapatam, to Port Office, Calicut, to blow up wreck.
Column 5.—General charges distributed in proportion to the tonnage that entered each district during the year.
,, 6.—Lighthouse charges distributed in proportion to the tonnage that entered each group.

APPENDIX D.

Statement showing the number of officers and men employed otherwise than in Government vessels in the Port Department under the Government of Madras during the official year 1896–97.

Description of establishment.	Number of officers.	Number of men.	Total annual cost.	Total annual earnings.
Madras.			Rs.	Rs.
Port establishment	4	122	44,431	..
Lighthouse establishment	..	7	2,158	..
Divers' establishment	..	2	2,270	..
Marine Police establishment	..	..	4,969	..
Do. Dispensary establishment	..	2	2,759	..
Pilotage, Madras	..	44	25,032	..
				34,217
Coast Ports.				
Port Officers and Conservators	17	161	68,350	..
Lighthouses	..	101	19,372	..
Pilotage (Pamban and Kilakarai, Cochin and Mangalore).	..	7	4,367	..
				15,752
Landing and Shipping dues (Cocanada, Vizagapatam, Masulipatam, Negapatam and Mangalore)	..	63	17,575	80,176

APPENDIX E.

Statement showing the various Government vessels, &c., in charge of the Port Department in the year 1896–97.

Details of vessels.	Tonnage of each vessel and horse-power of engine if a steamer.	Number of officers.	Number of men.	Total annual cost.	Total annual earnings.
River-going Vessels.				Rs.	Rs.
Steam Dredge "Priestmans" ..	..	..	10	5,338	..
Do. "Connemara" ..	..	..	11	4,629	..
Steam Launch "Empress" ..	6½ tons ..	..	1	240	..
Steam Tug "Godavari"	40 tons, eighty horse-power.	..	9	1,713	..
Steam Dredge (at Cuddalore) ..	12 tons, six horse-power.	..	6	1,172	..
Steam Dredge "Wenlock" ..	407 tons, forty-five horse-power.	..	27	8,642	..
Steam Launch (at Madras)	..	..	7	2,542	..
Steam Dredge "Havelock" ..	75 horse-power ..	..	7	3,165	..

APPENDIX F.

Statement showing the number, &c., of changes of Masters endorsed on registers of vessels under Act X of 1841 and the Merchant Shipping Act from 1st April 1896 to 31st March 1897 in the various districts of the Madras Presidency.

Districts.	Number of vessels on the registers of which changes of Masters were endorsed.	Amount of fees.
		Rs.
Madras	11	22
Ganjám	..	..
Vizagapatam	2	4
Gódávari	10	20
Kistna	11	22
Nellore	..	..
Chingleput	..	..
South Arcot	..	..
Tanjore	38	76
Madura	31	62
Tinnevelly	10	20
Malabar	20	40
South Canara	26	52
Total for 1896–97 ..	159	318
,, ,, 1895–96 ..	200	400
Decrease ..	41	82

APPENDIX G.

Statement showing the number, &c., of vessels registered under Act X of 1841 from 1st April 1896 to 31st March 1897 in the various districts of the Madras Presidency.

Districts.	Total number of vessels.	Total tonnage.	Total amount of fees.
		Tons.	Rs. A. P.
Madras	2	55	6 14 0
Ganjám	..	..	..
Vizagapatam	..	..	..
Gódávari	5	1,002	125 4 0
Kistna	4	137	26 0 0
Nellore	..	..	..
Chingleput	..	..	..
South Arcot	..	..	..
Tanjore	14	1,524	214 12 0
Madura	13	755	124 0 0
Tinnevelly	8	645	91 8 0
Malabar	26	755	173 0 0
South Canara	41	732	218 0 0
Total for 1896–97 ..	113	5,605	979 6 0
,, ,, 1895–96 ..	87	5,987	894 8 0
Increase ..	26	382	84 14 0

APPENDIX H.

Particulars of changes in the Gazetted Official Staff of the Madras Port Department by absence on leave, deputation, &c., in the official year 1896–97.

Names.	Designation.	Cause and period of absence.	Acting arrangements.
H. D. Baddeley..	Agent for Government Consignments and Personal Assistant to the Presidency Port Officer.	(1) Acted for the Deputy Conservator of the Port of Madras from 1st to 20th April 1896. (2) Private affairs leave from 21st April to 30th October 1896.	The Manager of the Agent's office was in charge of that office from 1st April to 30th June 1896. From 1st July to 30th October 1896, Commander W. Aves acted in addition to his own duties.
W. S. Carlyon ..	Port officer, Gopalpur ..	Leave on medical certificate from 18th April to 6th November 1896.	H. J. Boas, Port officer, Bimlipatam, acted.
H. J. Boas ..	Port officer, Bimlipatam ..	Acted for the Port officer, Gopalpru, from 18th April to 8th November 1896.	F. Icely, Port officer, Vizagapatam, was in charge of the Bimlipatam port in addition to his own.
F. Icely ..	Port officer, Vizagapatam ..	Privilege leave for 2 months and 29 days from the 3rd March 1897.	H. J. Boas, Port officer, Bimlipatam, was in charge of this port also.
J. P. James ..	Port officer, Negapatam ..	One year's furlough from the 6th May 1896.	R. L. Swann, the Reserve Port officer, acted.
J. H. Batt ..	Port officer, Pámban ..	Left the port navigating the dredger *Wenlock* to Calcutta on the 21st March 1897.	Superintendent of Sea Customs, Pámban, acted.
W. Woodhouse..	Port officer, Cochin ..	Privilege leave for 2 months and 4 days from the 12th March 1897.	C. Raberts, Senior Pilot, was in charge.
J. M. Simpson ..	Port officer, Mangalore ..	Sick leave out of India for 6 months from 9th May 1896, permanently transferred as Port officer, Tellicherry, from 23rd November 1896.	Superintendent of Sea Customs, Mangalore, acted.
H. S. Brown ..	Port officer, Tellicherry ..	Permanently transferred to Mangalore as Port officer from 23rd November 1896.	....

APPENDIX I.

Statement of passengers sailed from the undermentioned ports in the Madras Presidency during the official year 1896–97.

Names of Ports.	Ports bound to	Ports within the Presidency.				Ports beyond the Presidency but within British India.				Ports in Burma.				Ports in Ceylon.				Ports in Straits Settlements.				Other Ports.				Grand Total.
		Adults.		Children under 12.	Total.	Adults.		Children under 12.	Total.	Adults.		Children under 12.	Total.	Adults.		Children under 12.	Total.	Adults.		Children under 12.	Total.	Adults.		Children under 12.	Total.	
		Males.	Females.			Males.	Females.			Males.	Females.			Males.	Females.			Males.	Females.			Males.	Females.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
Gopalpur ..	..	19	3	1	23	982	551	588	2,121	2,016	16	89	2,120	..	..	..	..	..	..	..	..	..	..	..	..	4,264
Baruva ..	..	..	..	..	..	..	..	..	..	7,884	48	990	8,922	..	..	..	..	..	..	..	..	..	..	..	..	8,922
Calingapatam ..	..	5	..	1	8	1	..	..	1	7,201	92	533	7,826	..	..	..	..	..	..	..	..	..	..	..	..	7,835
Bimlipatam ..	..	11	2	..	13	..	2	..	2	2,132	99	102	2,338	..	..	..	..	..	..	..	..	..	..	..	..	2,362
Vizagapatam ..	..	189	7	3	199	21	6	8	35	10,403	334	584	11,321	..	..	..	..	..	..	..	..	..	..	..	..	11,779
Cocanada ..	..	605	60	31	696	280	60	51	391	12,994	319	422	13,735	..	..	..	..	..	..	..	..	..	..	..	..	14,562
Masulipatam ..	..	298	162	29	489	796	22	3	821	271	46	13	330	..	..	..	..	..	..	..	..	..	..	..	..	737
Cuddalore ..	..	..	80	29	109	407	..	..	407	243	12	15	270	..	..	..	..	..	..	..	..	..	..	..	..	325
Porto Novo ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	464
Tirumalavasal ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Tranquebar ..	..	2	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	102
Negapatam ..	..	25	..	..	25	..	..	..	..	11,985	1,072	875	13,932	..	..	..	..	..	..	..	..	..	..	..	..	*28,289
Velangani ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6
Topputhurai ..	..	3	..	5	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3,024
Muttupet ..	..	..	1	4	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	133
Adiramptnam ..	..	3	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	169
Ammapatnam ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	36
Kottaipatnam ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
Karikal ..	..	..	..	..	..	..	..	..	..	138	..	3	141	..	..	..	..	..	..	..	..	..	..	..	..	1,473
Pámban ..	..	12,137	5,611	113	17,861	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	36,482
Kilakarai ..	..	221	5	11	237	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	391
Devipatam ..	..	6,735	3,397	411	10,543	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10,784
Tondi ..	..	287	12	..	299	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	19,407
Tuticorin ..	..	966	91	23	1,080	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	82,692
Kulasekarapatnam ..	..	365	80	27	472	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	815
Kayalpatnam ..	..	148	4	..	152	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	152
Cochin ..	..	139	20	.. 9	228	101	18	17	136	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	417
Calicut ..	..	1,429	201	202	1,832	161	16	4	181	3	..	3	3	..	..	..	..	..	..	..	..	..	..	..	..	2,039
Quilandy ..	..	38	8	..	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8
Badagara ..	..	46	.. 2	.. 7	42	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	44
Kallayi ..	..	363	20	..	66	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	66
Tellicherry ..	..	363	47	36	446	65	14	16	95	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	552
Cannanore ..	..	223	18	11	252	79	10	16	105	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	357
Mangalore ..	..	5,697	1,796	568	8,061	3,636	1,169	345	5,139	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13,928
Manjeshwar ..	..	12	..	..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12
Kumbla ..	..	20	..	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20
Kasaragod ..	..	310	31	30	371	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	371
Mulki ..	..	8	2	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10
Malpe ..	..	2,377	803	358	3,638	1,200	451	126	1,777	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5,897
Hangarkotta ..	..	140	17	9	166	218	33	11	262	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	762
Coondapoor ..	..	1,389	274	206	1,769	1,361	347	183	1,891	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3,970
Baindoor ..	..	30	6	5	41	6	..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	76
Madras ..	..	212	14	14	240	692	90	32	814	4,068	1,444	584	6,096	70	23	4	97	730	98	36	864	2,045	769	530	3,344	11,455
Total ..		34,415	12,856	2,134	49,405	8,581	2,755	1,318	12,684	59,401	3,481	3,510	66,592	90,521	22,170	11,776	124,467	18,449	1,684	1,637	21,170	3,668	1,050	656	5,374	279,492

* Including Emigrants, 2,972 Adults and 141 Children.

Grand Total .. [1896-97 279,492
.. [1895-96 249,899
Increase .. 29,593

APPENDIX I—*cont.*

STATEMENT of passengers arrived at the undermentioned ports in the Madras Presidency during the official year 1896-97.

Name of Ports.	Ports bound to																								
	Ports within the Presidency.				Ports beyond the Presidency but within British India.				Ports in Burma.				Ports in Ceylon.				Ports in Straits Settlements.				Other ports.				Grand Total.
	Adults.		Children under 12.	Total.	Adults.		Children under 12.	Total.	Adults.		Children under 12.	Total.	Adults.		Children under 12.	Total.	Adults.		Children under 12.	Total.	Adults.		Children under 12.	Total.	
	Males.	Females.			Males.	Females.			Males.	Females.			Males.	Females.			Males.	Females.			Males.	Females.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Gopalpur	37	7	3	47	155	28	23	206	108	..	..	108	1	..	..	1	..	..	..	..	..	..	..	..	362
Baruva	..	..	..	..	..	..	..	..	2,509	24	70	2,603	..	..	..	..	..	..	..	..	..	..	..	..	2,603
Calingapatam ..	4	1	..	5	2	..	1	3	2,473	44	56	2,573	..	..	..	..	..	..	..	..	..	..	..	..	2,581
Bimlipatam	18	5	1	24	17	5	4	26	3,151	113	96	3,360	..	..	..	..	..	..	..	..	..	..	..	..	3,410
Vizagapatam	147	9	5	161	137	13	12	162	3,110	56	69	3,235	..	..	..	..	..	..	..	..	..	..	..	..	3,558
Coconada	180	11	5	196	28	..	..	28	8,124	168	101	8,393	..	..	..	..	..	..	..	..	..	..	..	..	8,617
Masulipatam	241	66	22	329	1	..	..	1	177	21	7	205	..	..	..	..	..	..	..	..	..	..	..	..	535
Cuddalore	9	1	..	10	..	..	..	..	..	..	..	..	19	..	..	19	20	..	..	20	..	..	..	..	49
Porto Novo	..	..	..	..	25	5	..	30	..	..	..	..	99	2	4	105	176	1	1	178	..	..	..	..	313
Tirumalavasal	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	1
Tranquebar	..	..	..	..	..	..	..	..	..	..	..	..	12	..	3	15	..	..	..	..	..	..	..	..	15
Negapatam	207	24	8	239	5	..	..	5	8,583	1,014	481	10,078	1,079	70	35	1,184	10,783	762	618	12,163	15	..	..	15	23,684
Velanganni	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	2	..	..	..	..	..	..	..	..	2
Topputturai	..	..	..	..	..	..	..	..	..	..	..	..	2,287	301	18	2,606	..	..	..	..	..	..	..	..	2,606
Muttupet	4	..	..	4	..	..	..	..	..	..	..	..	189	18	15	222	..	..	..	..	..	..	..	..	226
Adirampatnam ..	34	1	4	39	..	..	..	..	..	..	..	..	527	26	24	577	..	..	..	..	..	..	..	..	616
Ammapatnam ..	19	..	..	19	..	..	..	..	..	..	..	..	194	17	14	225	..	..	..	..	..	..	..	..	244
Kottaipatnam ..	13	..	..	13	..	..	..	..	..	..	..	..	39	..	1	40	..	..	..	..	..	..	..	..	53
Karikal	41	15	4	60	..	..	..	..	..	..	..	..	44	..	..	44	1,211	67	27	1,305	..	..	..	..	1,409
Pamban	8,245	3,688	52	11,985	..	..	..	..	..	..	..	..	19,328	5,215	1,500	26,043	..	..	..	..	..	..	..	..	38,028
Kilakarai	2,621	1,222	41	3,884	..	..	..	..	..	..	..	..	412	90	14	516	..	..	..	..	..	..	..	..	4,400
Devipatam	6,937	3,612	386	10,935	..	..	..	..	..	..	..	..	99	8	3	110	..	..	..	..	..	..	..	..	11,045
Tondi	179	16	5	200	..	..	..	..	..	..	..	..	12,330	2,391	1,129	15,850	..	..	..	..	..	..	..	..	16,050
Tuticorin	2,128	168	82	2,378	6	..	..	6	..	..	..	..	53,606	15,331	3,995	72,932	..	..	..	..	..	..	..	..	75,316
Kulasekarapatnam ..	330	53	30	413	..	..	..	..	..	..	..	..	221	2	18	241	..	..	..	..	..	..	..	..	654
Kayalpatnam ..	154	12	..	166	..	..	..	..	..	..	..	..	32	2	..	34	..	..	..	..	..	..	..	..	200
Cochin	348	17	9	374	294	51	22	367	7	..	..	7	18	2	..	20	12	..	..	12	58	1	..	59	839
Calicut	862	57	26	945	163	11	8	182	..	6	..	6	5	1	1	7	32	2	1	35	..	..	..	..	1,175
Quilandy	72	10	9	91	26	3	..	29	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	120
Badagara	96	6	4	106	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	106
Kallayi	17	1	..	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18
Tellicherry	520	47	27	594	93	9	9	111	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	705
Cannanore	282	41	24	347	44	6	3	53	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	400
Mangalore	5,329	1,053	607	6,989	3,636	880	546	5,062	..	..	..	..	..	..	..	..	..	..	..	..	446	112	40	598	12,649
Manjeshwar ..	2	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
Kumbla	8	..	..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8
Kasaragod	530	61	24	615	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	615
Mulki	5	4	3	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12
Malpe	2,656	1,173	397	4,226	1,508	654	141	2,303	..	..	..	..	..	..	..	..	..	..	..	..	429	264	49	742	7,271
Hangarkotta ..	223	16	12	251	220	34	15	269	..	..	..	..	..	..	..	..	..	..	..	..	159	2	2	163	683
Coondapoor	1,270	274	177	1,721	1,244	305	113	1,662	..	..	..	..	..	..	..	..	..	..	..	..	211	42	23	276	3,659
Baindoor	12	..	3	15	8	7	1	16	..	..	..	..	..	..	..	..	..	..	..	..	41	..	..	41	72
Madras	1,158	272	114	1,544	1,165	243	67	1,475	3,049	527	228	3,804	138	41	14	193	760	40	29	829	1,000	278	53	1,331	9,176
Total ..	34,938	11,943	2,084	48,965	8,777	2,254	965	11,996	21,291	1,973	1,108	34,372	90,682	23,517	6,788	120,987	12,994	872	676	14,542	2,359	699	167	3,225	234,087

Grand Total ..	1896-97	234,087
	1895-96	220,937
	Increase ..	13,150

APPENDIX J.

STATEMENT showing the particulars of dredging operations at the Port of Coconada for the official year 1896-97, including the figures of the previous two years.

Name of dredger.	Particulars.	Previous two years.		1896-97.
		1894-95.	1895-96.	
Priestman's dredger.	(a) Days working	184	183	222
	(b) Hours dredging	1,646	1,630	1,998
	(c) Barges loaded, giving number of tons each boat / barge will hold.	622 of 59⅜ and 299 of 29 7/16 tons.	992 of 59⅜ and 167 of 29 7/16 tons.	925 of 59⅜ and 134 of 29 7/16 tons.
	(d) Tons dredged	45,805·4	63,889·6	61,045
	(e) Cubic yards dredged	33,946	47,322	45,219
	(f) Average outturn per day	248·9	349·08	274·9
	(g) Working expenses per ton	As. 2-3	As. 1-2	As. 1-5.
Dredger "Connemara."	(a) Days working	202	241	231
	(b) Hours dredging	1,798	2,193	2,079
	(c) Barges loaded, giving number of tons each boat / barge will hold.	621 of 59⅜ and 530 of 29 7/16 tons.	1,184 of 59⅜ and 398 of 29 7/16 tons.	978 of 59⅜ and 161 of 29 7/16 tons.
	(d) Tons dredged	47,876·6	80,961·7	62,965
	(e) Cubic yards dredged	35,464	59,972	46,641
	(f) Average outturn per day	287·1	331·4	272·5
	(g) Working expenses per ton	As. 3-4.	As. 1-1.	As. 1-6

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APPENDIX J (i).

STATEMENT showing the particulars of dredging operations at the Port of Cuddalore for the official year 1896-97, including the figures of the previous two years.

Name of dredger.	Particulars.	Previous two years.		1896-97.
		1894-95.	1895-96.	
Steam dredger.	(a) Days working	149	96	194
	(b) Hours dredging	894	576	744
	(c) Barges loaded, giving number of tons each boat / barge will hold.	2,362¾ of 4 tons each.	1,435½ of 4 tons each.	2,002¾ of 4 tons each.
	(d) Tons dredged	9,451	5,742	8,011
	(e) Cubic yards dredged	7,001	4,256	5,934
	(f) Average outturn per day	48	58	65
	(g) Working expenses per ton	As. 2-8	As. 2-0.	As. 2-9

APPENDIX J (ii).

Statement showing the particulars of dredging operations at the Port of Negapatam for the official year 1896–97, including the figures of the previous two years.

Name of dredger.	Particulars.	Previous two years. 1894–95.	Previous two years. 1895–96.	1896–97.
Bucket dredger "Havelock."	(a) Days working	..	..	95
	(b) Hours dredging	..	..	834½
	(c) Barges / Boats loaded, giving number of tons each barge / boat will hold.	..	..	130⅝
	(d) Tons dredged	..	..	of 10 tons and 316½ of 14 tons.
	(e) Cubic yards dredged	..	..	5,738½
	(f) Average outturn per day	..	..	3,672½
	(g) Working expenses per ton	..	..	60½
		..	..	As. 7–9.

APPENDIX J (iii).

Statement showing the particulars of dredging operations at the Port of Pamban for the official year 1896–97, including the figures of the previous two years.

Name of dredger.	Particulars.	Previous two years. 1894–95.	Previous two years. 1895–96.	1896–97.
Dredger "Wenlock."	(a) Days working	..	..	96
	(b) Hours dredging	..	..	326
	(c) Barges / Boats loaded, giving number of tons each barge / boat will hold.	..	..	96
	(d) Tons dredged	..	..	of 400 tons and 47 of 350 tons.
	(e) Cubic yards dredged	..	..	54,850
	(f) Average outturn per day	..	..	37,582
	(g) Working expenses per ton	..	..	571½
		..	..	As. 4–7¾

APPENDIX K.

Particulars of seamen shipped and discharged at Ports in the Madras Presidency under the various Merchant Shipping Acts in the official year 1896–97.

Name of port.	Europeans. Shipped.	Europeans. Discharged.	Asiatics. Shipped.	Asiatics. Discharged.	Total. Shipped.	Total. Discharged.
Vizagapatam	..	..	..	3	..	3
Cocanada	1	1	28	26	29	27
Madras	22	14	27	777	49	791
Cuddalore	..	..	8	3	8	3
Porto Novo	..	..	76	66	76	66
Negapatam	..	..	248	206	248	206
Tuticorin	..	6	9	6	9	12
Cochin	..	5	40	120	40	125
Calicut	1	1	..	117	1	118
Tellicherry	..	..	1	..	1	..
Total of year under report	24	27	437	1,324	461	1,351
Total of previous year	11	19	528	1,427	539	1,446
Increase	13	8	..	..	..	..
Decrease	..	..	91	103	78	95

APPENDIX L.

Statement showing the number of cargo and other licensed boats at the principal Ports in the Madras Presidency at the end of the official year 1896–97.

Name of ports.	Number of boats serviceable.	Number of boats unserviceable.	Total.
Gopalpur	74	9	83
Calingapatam	70	30	100
Vizagapatam	151	26	177
Bimlipatam	81	112	193
Cocanada	345	10	355
Masulipatam	35	19	54
Cuddalore	121	40	161
Porto Novo	43	26	69
Negapatam	137	44	181
Pamban	74	37	111
Tuticorin	154	57	211
Cannanore	56	9	65
Tellicherry	53	4	57
Calicut and Beypore	126	39	165
Cochin	165	45	210
Mangalore	99	2	101
Total of 1896–97	1,784	509	2,293
,, of 1895–96	1,866	436	2,302
Increase	..	73	9
Decrease	82	..	..

Administration Report of the Office of Agent for Government Consignments, Madras for the official year 1896–97.

Commander W. Aves, R.I.M., acted as Agent for Government Consignments, Madras, from 1st July to 30th October 1896, both days inclusive.

2. Mr. H. D. Baddeley, having returned from Europe, resumed charge of his duties as Agent for Government Consignments, Madras, on the 31st October 1896.

3. The transactions of the past three official years will be found in the appended two statements, viz :—

Appendix A, Import. | Appendix B, Export.

4. The import and export of Government stores for the year under report stand compared with the figures of the previous year, thus :—

Import.

	Number of packages.	Tons.
1895–96	51,125	4,048
1896–97	48,363	4,912
	— 2,762	864

Export.

1895–96	32,773	2,157
1896–97	37,105	2,960
	+ 4,332	+ 803

5. The decrease in the number of packages under import is principally due to the smaller consignments of Telegraph and Commissariat stores; while the importation of heavier Ordnance stores, such as guns, timber and coke and a larger quantity of Public Works stores, account for the increase in tonnage.

6. The increase in number of packages and in tonnage under export calls for no remarks except that the Ordnance and Commissariat stores and Public Works famine relief tools are the chief items which contributed to the increase.

7. The same contractor was employed for landing stores as in the previous year, and the landing charges amounted to Annas 13–10 against Annas 13–6 per ton incurred last year.

8. The cost of removal, including cart-hire, was about Annas 5–7 per ton.

9. Boats for shipping stores were arranged for departmentally, and the cost, exclusive of establishment, was annas 11–5 instead of Annas 13–3 per ton paid in the previous year. The decrease is due to a more extensive use of the pier for shipment of large consignments which have been more numerous than in previous years.

10. The following recoveries were made on account of stores damaged and lost :—

	Rs.	A.	P.
From the steamer agents	1,572	8	8
,, landing contractor	392	6	6

11. There were no losses to Government during the year, but a claim of Rupees 189–2–11, being value of one case of soldiers' badges and belts remained undisposed of at the close of the year under report. The package in question was reported by the landing contractor as having been short-landed by the S.S. *Simla*, and the cost thereof was therefore deducted from the balance freight. Subsequently, after a lapse of about ten months, the sub-marine diver accidentally picked up from the sea a case, which, on examination, was identified as the one short delivered by the above-named vessel. The question of liability is still under the consideration of Government.

Madras,
20th August 1897.

(Signed) H. D. Baddeley,
Agent for Government Consignments.

APPENDIX A.

Statement of Government Stores landed during the past three official years.

Departments.	1894–95.		1895–96.		1896–97.	
	Packages.	Tons.	Packages.	Tons.	Packages.	Tons.
Civil—						
Stamps	1,611	219	2,615	351	1,767	232
Stationery	1,115	310	929	247	925	239
Telegraph	10,770	253	12,114	444	6,191	214
Police	131	29	163	41	143	36
Press	249	13	349	33	74	20
Prisons	16	2	..	..	9	1
Salt	78	7	21	1	92	10
Survey	37	4	42	4	20	2
Forest	1	..	..	..	1	..
Post Office	2,784	294	2,359	319	2,695	286
Treasury—						
Copper	480	..	145	..	300	..
Silver	489	..	167	..	28	..
Paper Currency Department ..	13	..	16	..	42	..
Public Works Department ..	12,351	735	1,930	281	7,542	630
Secretariat	68	7	56	6	44	4
Government Gardens	285	36	193	28	279	56
Military—						
Clothing	1,899	415	2,073	484	2,074	479
Medical	998	177	501	149	662	250
Ordnance	34,540	1,498	24,209	1,227	23,486	2,183
Commissariat	3,605	208	2,115	291	1,115	130
Regimental necessaries	501	75	303	47	257	40
Marine—						
Port Department	316	27	160	10	339	22
Miscellaneous	202	46	630	85	328	44
Total ..	72,539	4,355	51,125	4,048	48,363	4,912

APPENDIX B.

Statement of Government Stores shipped during the past three official years.

Departments.	1894–95.		1895–96.		1896–97.	
	Packages.	Tons.	Packages.	Tons.	Packages.	Tons.
Civil—						
Stamps	221	24	267	29	202	57
Stationery	680	124	779	147	249	89
Telegraph	3,045	100	10,870	355	255	13
Police	933	69	497	53	493	43
Press	588	53	489	41	270	23
Prisons	58	5	23	1	20	1
Salt	950	54	725	27	515	17
Survey	138	11	54	6	52	7
Forest	87	5	..	..	..	..
Post Office	..	..	..	..	..	..
Treasury—						
Copper	225	..	105	..	55	..
Silver	22	..	865	..	14	..
Paper Currency Department ..	6	..	2	..	2	..
Public Works Department ..	1,241	85	1,678	48	11,796	95
Secretariat	..	..	..	..	..	..
Government Gardens	48	8	30	5	6	1
Military—						
Clothing	1,160	141	1,225	176	542	75
Medical	1,027	183	573	74	449	74
Ordnance	8,829	856	7,352	660	2,533	114
Commissariat	6,029	518	6,849	493	1,623	100
Regimental necessaries	..	..	..	..	..	..
Marine—						
Port Department	98	8	51	3	34	3
Miscellaneous	197	23	339	39	123	11
Total ..	25,582	2,267	32,773	2,157	37,105	2,960

Madras,
20th August 1897.

(Signed) H. D. Baddeley,
Agent for Government Consignments.

Order—No. 980, Marine, dated 3rd December 1897.

With his letter read above, the Presidency Port Officer submits the Administration Report of the Madras Port Department for the year 1896–97 together with the reports, for the same period, of the Deputy Conservator of the Port and the Agent for Government Consignments, Madras.

2. *Official staff.*—Commander H. A. Street, R.I.M., was at the head of the Marine Department during the whole of the year under review. Particulars of the changes in the staff are given in appendix H of the report.

3. *Acts.*—The action taken under the provisions of the various Marine Acts in force is detailed in paragraph 2 of the report. A new Act for dealing with Epidemic diseases was also brought into operation, and rules under this Act were framed for dealing with plague at the ports of this Presidency.

4. *Casualties.*—There were 17 * casualties during the year as against 30 in the preceding year; but there was unfortunately a greater loss of life than in any of the years immediately preceding. The foundering of the barque *Henrietta Elizabeth* near the Andamans was investigated by a court of inquiry at Negapatam, and as a result the certificates of the master and mate of the vessel were withdrawn by the Government of Ceylon, where they had been issued. A criminal prosecution of the owners for sending the vessel to sea in an unseaworthy condition failed to secure a conviction.

*1894–95	21
1895–96	30
1896–97	17

5. Revised regulations for preventing collisions at sea were issued by the Board of Trade during the year.

6. *Tonnage and dues.*—The following statement exhibits the number and tonnage of the several classes of vessels that entered the ports of the Presidency and the dues paid by them during the year, as compared with the figures for the two preceding years:—

—	Number of vessels.	Tonnage.	Dues paid.
Madras.			Rs.
1894–95	705	1,165,715	1,11,096
1895–96	742	1,225,426	1,19,765
1896–97	767	1,243,423	1,20,932
Other ports.			
1894–95	25,056	6,228,691	2,34,022
1895–96	25,861	6,255,303	2,42,201
1896–97	24,948	5,779,653	2,21,866

There was an increase at the port of Madras, but a falling off at out-ports, the latter being attributed, as regards foreign and native vessels, to restrictions due to plague.

7. *Trade.*—The subjoined statement gives an abstract of the import and export trade of the principal ports in the Presidency, exclusive of Government stores and Government and private treasure:—

—	Value.			Duty.		
	Imports.	Exports.	Total.	Imports.	Exports.	Total.
Madras.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1894–95	7,15,21,088	5,92,32,809	13,07,53,897	26,20,108	21,271	26,41,379
1895–96	6,28,26,933	6,60,98,517	12,89,25,450	30,23,722	1,281	30,25,003
1896–97	6,65,41,183	5,81,52,170	12,46,93,353	25,14,170	12,245	25,26,415
Other ports.						
1894–95	5,69,19,560	12,17,88,674	17,87,08,234	3,18,746	5,52,892	8,71,638
1895–96	6,18,49,698	11,96,26,117	18,14,75,815	3,79,228	4,35,103	8,14,331
1896–97	4,63,51,233	11,28,03,593	15,91,54,826	3,29,222	7,92,756	11,21,978

During the year under report, Madras showed a decrease of Rs. 42,32,097 in the total value of imports and exports and of Rs. 4,98,588 in the amount of duties collected as compared with the figures of the previous year. At other ports there was a decrease of Rs. 2,23,20,989 in the total value of imports and exports, while the duties collected increased by Rs. 3,07,647. No explanation is afforded of these differences. Tuticorin continues to occupy the first place among the out-ports in regard to the value of trade.

8. *Passenger traffic.*—The number of passengers outwards was 279,492 as compared with 249,899 in the previous year, or an increase of 29,593. There was also an increase in the number of inwards passengers of 13,150, the total number being 234,087 as against 220,937 in the previous year. As in previous years the bulk of the passenger traffic was at Tuticorin, Pámban and Negapatam. The numbers at these ports were as follows:—

	Outwards.	Inwards.
Tuticorin	82,692	75,316
Pámban	36,482	38,028
Negapatam	33,289	23,684

9. *Registration of vessels.*—The number of vessels registered under Act X of 1841 was 113 as against 87 in the previous year. The number registered in each district with the amount of fees collected are given in appendix G.

10. *Government vessels.*—The number of vessels in charge of the Port department was increased from 7 to 8 by the addition of the steam dredger *Havelock*, which was obtained for service at Negapatam.

11. *Licensed boats.*—The number of serviceable cargo and other licensed boats at the principal ports of the Presidency fell to 1,784 as against 1,866 in the previous year, but the reduced number is stated to be sufficient for the requirements of the ports.

12. *Dredging operations.*—These operations were carried on during the year at Cocanada, Cuddalore, Negapatam and Pámban. Details are given in appendices J—J (iii).

The following statement shows the results of these operations:—

—	Tons dredged.	Average out-turn per day.	Working expenses per ton.
			A. P.
Cocanada	{ 61,045	274·9	1 5
	{ 62,965	272·5	1 6
Cuddalore	8,011	65	2 9
Negapatam	5,738½	60½	7 9
Pámban	54,850	571⅓	4 7¾

The difference in the working expenses shown above was due to the cost of discharging the silt, which varied according to the distance of the place of discharge from the working base at each port, to the price of labour, and to the hire of boats.

13. *Accounts.*—The opening balance of Port Funds under Act X of 1889 on the 1st April 1896 amounted to Rs. 6,59,250. The receipts during the year came to Rs. 6,17,862 and include a contribution of Rs. 1,00,000 from Provincial Funds and a sum of Rs. 1,00,400 realized by the sale of the dredger *Wenlock* to the Madras Harbour Trust Board. The charges were Rs. 5,83,913, but a large portion of this amount, viz., Rs. 2,44,475, represents a payment of the surplus balance of the port of Madras to the Madras Harbour Trust. The closing balance on the 31st March 1897 was Rs. 6,93,200. The revenue and expenditure during the previous year amounted, respectively, to Rs. 4,39,931 and Rs. 5,13,336. The transactions of all the district ports except those of Ganjám, Kistna, Madura and Malabar show a surplus. In paragraph 16 of the report, the Presidency Port Officer mentions some of the causes which brought about the deficits in these districts. The surplus balance of the port

of Madras at the end of the year amounted to Rs. 51,810-15-7, from which a contribution of Rs. 2,236-0-11 will have to be made to the Pilotage Fund to meet a deficit. Separate orders will be issued as to the transfer of the balance, Rs. 49,574-14-8, to the Harbour Trust Board. The requisite instructions will be issued after the figures have been verified by the Accountant-General.

14. The following statement shows the financial position of Port Funds at the beginning and close of the year:—

—	Madras.	Ports of the Eastern group.	Ports of the Western group.	Total.
	Rs.	Rs.	Rs.	Rs.
Opening balance on the 1st April 1896	2,79,581	12,505	3,67,164	6,59,250
Receipt during 1896–97	1,28,965	3,94,284	94,613	6,17,862
Charges do.	3,21,629	1,61,107	1,01,177	5,83,913
Closing balance on the 31st March 1897	86,917	2,45,682	3,60,600	6,93,199

15. The closing balance of Pilotage Funds under Act X of 1889 and of Landing and Shipping Dues under Act III of 1885 on the 31st March 1897, will be seen from the following statement:—

	Rs.
Pilotage Funds—	
Madras	45,700
Pámban and Kilakarai	15,743
Cochin	14,931
Mangalore	— 14
Landing and Shipping Dues—	
Vizagapatam	16,216
Cocanada	3,205
Masulipatam	8,675
Negapatam	36,403
Mangalore	31,890

16. The results of the year's transactions of the Madras Pilotage Fund show a deficit of Rs. 2,236-0-11; while at each of the ports of Pámban, Cochin and Mangalore there was a surplus. The surpluses and deficit are adjustable against general Port Funds as decided in G.O., No. 261, Marine, dated 19th March 1897, paragraph 9.

17. Under Landing and Shipping Dues, there was a surplus at Mangalore, but at all the other ports at which Act III of 1885 was in force there was a deficit during the year under review. The causes of the deficits are explained in paragraph 18 of the Presidency Port Officer's report.

18. The financial position of all Port and Marine Funds is shown in appendices C, C (i) and C (ii) to the Presidency Port Officer's report.

19. The report of the Deputy Conservator of the Port of Madras embodied in the Presidency Port Officer's report has already been laid before Government by the Madras Harbour Trust Board (*vide* G.O., No. 520, Marine, dated 9th June 1897). There seems to be no reason why it should have been submitted again.

20. *Agent for Government Consignments.*—The number of packages landed and shipped during the year amounted to 85,468 weighing 7,872 tons as against 83,898 weighing 6,205 tons in 1895–96. The following statement compares the imports and exports of the year with those for the two previous years:—

—	Imports.		Exports.		Total.	
	Packages.	Tons.	Packages.	Tons.	Packages.	Tons.
1894–95	72,539	4,355	25,582	2,267	98,121	6,622
1895–96	51,125	4,048	32,773	2,157	83,898	6,205
1896–97	48,363	4,912	37,105	2,960	85,468	7,872

The decrease in the number of packages imported is due to a falling off under Telegraph and Commissariat stores, while the increase in weight appears under Ordnance stores. The increase under exports is due to larger shipments of stores by the Ordnance and Commissariat Departments, and of famine tools by the Public Works Department.

21. The attention of the Presidency Port Officer is called to paragraph 16 of the review* of the previous year's report in which he was directed to notice the works carried out by the agency of the Marine Department. Except as regards dredging, the present report contains no review of such works. The matter should not be overlooked in future annual reports.

* G.O., No. 848, Marine, dated 8th Dec. 1896.

(True Extract.)

Ag Under Secretary to Government.

To the Presidency Port Officer.
" Chairman, Harbour Trust Board.
" " Chamber of Commerce.
" Public Works Department.
" Revenue Department.
" Financial Department.
" Accountant-General.

Exd. T. K. Narayana Aiyangar.