

(1) பக்கங்களின் எண்ணிக்கை

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(2) புதுக்கித் திருப்பிய நாள்

(3) ஆதாரப் குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

பொதுச்செய்தித் துறை

அராணை எண்.

மு. கோப்புத் தாள் எண்.

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அச்சகம்
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27-11-1893¹⁹⁹

படி கையாளவோ கூடாது.

306-6-9-90.

From Commander H. A. STREET, R.I.M., Acting Presidency Port Officer,
Madras, to the Chief Secretary to Government, dated Madras, ——— October
1893

I have the honour to forward, herewith, the Report on the Administration of the Madras Port Department (including the reports of the Agent for Government Consignments and Deputy Conservator of the Port, Madras) for the official year 1892-93.

Official Staff.—Commander Street's term of office as Presidency Port Officer, Madras, having expired, Commander Powell, R.I.M., succeeded him on 18th February 1893.

The Port service sustained a loss in the person of the late Mr. J. H. Fletcher, Port Officer of Mangalore, who died at that port on the 17th August 1892.

Other changes in the gazetted staff of the department are as follows:—
Act X of 1889.—The scale of fees for the use of the port crane at Masulipatam was revised, and reduced rates sanctioned. A scale was fixed for the use of the cranes at Vizagapatam. For the private use, at any port, of anchors, hawsers, &c. (being the property of Government), a charge of 20 per cent. on their value was sanctioned, in addition to cost of making good any damages that may occur.
 Permit of railway material being landed at Ganjam for the East Coast

To permit of railway material being landed at Ganjam for the East Coast Railway, the Ports Act was extended to that port and the necessary action taken with regard to the appointment of a Port Conservator, the framing of port rules, schedule of port dues rates, &c.

A schedule of fees for the use of the goods-shed at Tuticorin was sanctioned.

A schedule of fees for the use of the goods-shed at Tuticorin was issued in 1880.

Act VII of 1880.—The notification of 1880 with regard to the appointment of "Detaining Officer," "Inspecting Officer," "Scientific Referee," &c., under Act VII of 1880 was re-issued in an amended form in view of certain modifications which became necessary. Section 7 of the Act was, moreover, extended to the port of Mangalore and withdrawn from Calingapatam.

Madras Act III of 1885.—This Act was extended to Mangalore and the necessary rules and a schedule of fees brought into force there.

The schedule of fees under this Act in force at Masulipatam was revised

Acts X of 1841 and XI of 1850—One hundred and four native vessels were registered and 134 changes of masters endorsed on registry certificates. The total of fees realized under both heads was Rs. 1,412-15-0 as against Rs. 1,402-0-6 in the previous year, showing a small increase. Details are given in Appendices F and G.

Act I of 1859.—Details of shipments and discharges of seamen are given in Appendix K. Compared with the figures of the preceding year there was a small increase in the number of European seamen discharged, while in the case of seamen shipped (European and Native) there was a decrease.

Act X of 1887.—By vessels that came under the operation of this Act, 18,957 "Native passengers" left the Madras coast on long voyages and 150,261 on short voyages.

Wracks and Casualties.—There were 18 casualties in the year as against 22 in the preceding year. The most important was the total loss by fire of the Swedish barque *Adolf* of 633 tons at Cochin. A formal inquiry in this case was considered unnecessary. There was no loss of life in any instance. Details are given in Appendix A.

Life-saving Apparatus.—Quarterly exercises were continued at Gopalpur, Bimlipatam and Vizagapatam.

General Passenger Traffic.—Details are given in Appendix I. 207,202 passengers arrived on the coast and 264,406 sailed therefrom, being a decrease in arrivals and increase in departures as compared with the past year's figures. The largest traffic was at the ports of Pamban, Tuticorin and Negapatam.

Boat-supply.—The boat-supply at coast ports was well maintained. The figures in Appendix L represent the number available at the more important ports, and show an increase.

Meteorological.—Observations were continued regularly at the Presidency Port Office Observatory.

Weather.—There was nothing extraordinary to report under this head.

Dredging Operations.—The dredger "Wenlock" was employed at Pamban for 34 days in the year and removed 40,400 tons of silt at an average working expense of Annas 1-7 per ton. At Cocanada she was employed 157 days in the year and removed 118,580 tons of silt at an average cost of Annas 2-4½ per ton. Dredging operations were also carried on at Cocanada by the "Priestman" and "Connemara" dredgers, and at Cuddalore by the small dredger there. Further details will be found in Appendices J, J (i), and J (ii).

Service Registers.—were maintained in accordance with the orders of Government.

Navigation, Tonnage and Dues.—Details are given in Appendix B. The following statement shows the number of vessels, their tonnage, and the dues collected thereon in the whole Presidency:—

		Vessels.		Number.	Tonnage.	Dues.	Remarks.
Madras	British—	Coasting		357	619,671	40,481	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.
	Other than coasting		204	401,279	49,621		
	Foreign		75	96,888	9,888		
	Native		71	7,940	691		
	Total		707	1,125,778	1,00,626		
Coast Ports	British—	Coasting		3,464	4,731,283	1,44,105	
	Other than coasting		289	408,907	33,468		
	Foreign		670	131,637	15,654		
	Native		20,602	715,664	26,017		
	Total		25,025	5,987,491	2,19,144		

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

(a) British coasting vessels, a decrease in number, but an increase in tonnage (indicative of vessels of larger capacity having called in the year under notice) and a corresponding increase in dues;

(b) British vessels other than coasting, a decrease in number and tonnage and a corresponding decrease in dues;

(c) Foreign vessels, a small increase in number and tonnage, and a corresponding increase in dues; and

(d) Native vessels, a perceptibly large decrease in number and tonnage and in dues, showing that there is very little inducement now at Madras for this class of vessels.

Class (a) paid Annas 1-1 per ton port dues, Class (b) Annas 2, Class (c) As. 1-8 and Class (d) Annas 1-5. The payments at Madras thus averaged from 13 to 24 pies per ton.

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

Class (a), (c) and (d), an increase in number and tonnage, and a corresponding increase in dues, and

Class (b), a decrease in number, but an increase in tonnage (indicative of vessels of larger capacity having called in the year) and a decrease in dues attributable to the exemptions provided for in the schedule to the Ports Act.

Class (a) paid Pies 6 per ton port dues, Class (b) Annas 1-4, Class (c) As. 1-11 and Class (d) Pies 7. The payments at coast ports averaged thus from 6 to 23 pies per ton.

Trade.—The subjoined statement exhibits the value of, and duty on, the import and export trade of the principal ports of the Presidency excluding Government stores and Government and private treasure:—

4

DISTRICT PORT FUNDS.

Ganjam.—A provincial contribution of Rs. 6,029-2-9 was credited to this district during 1892-93. Pier receipts at Gopalpur amounted to Rs. 536-0-8 only. There were no special charges during the year. Rupees 7,816, interest on loan, has been adjusted to the debit of this district—*vide* Appendix C. A contribution from Provincial of Rs. 8,255-12-1 will be necessary to cover the small deficit of the year, interest on loan, and also the small deficit balance of the district on the 31st March 1892. The debit balance of the district will then remain unaltered.

Vizagapatam.—The increase of Rs. 9,371-3-3 in the share of light-house charges, and the cost including freight, as well as the erection of a hand-derrick 10-ton crane at the port of Vizagapatam amounting to Rs. 5,347-10-1, account for the deficit of the district during the year. Vizagapatam Port Fund had a surplus cash balance of Rs. 1,793-12-7 on the 31st March 1893, besides Rs. 90,000 in Government securities. The estimated cash balance on the 1st April 1893 as per G.O., No. 259, Financial, dated 13th March 1893, paragraph 2, was Rs. .09 lakh; against expectations, the actual balance on that date was only Rs. 1,793-12-7. Assuming the surplus of 1893-94 will be Rs. .07 lakh, a further investment of Rs. 8,000 has been made in September 1893 as per G.O., No. 259, Financial, dated 13th March 1893.

Godavari.—Government securities of a nominal value of Rs. 4,000, costing Rs. 4,365-11-10, were purchased during the year on behalf of this district and accounted for as its charges, and this led to the surplus of the year being only Rs. 1,379-11-7. In addition to Rs. 4,000 in Government securities, Godavari Port Fund had a surplus balance of Rs. 9,449-15-7 on the 31st March 1893; and of this latter sum, Rs. 6,000 has been invested in Government paper in September 1893 as per G.O., No. 259, Financial, dated 13th March 1893.

Kistna.—The transactions of this district for the year 1892-93 resulted in a deficit, and was due chiefly to the share of light-house charges having been Rupees 4,173-14-1 in excess of that of the previous year. Rs. 152, interest on loan, has been adjusted to the debit of this district in Appendix C. The large deficit of the year necessitated the raising of a further loan of Rs. 2,700 from Madras, besides leaving a small debit balance of Rs. 34-13-2 on the 31st March 1893.

Nellore.—Rs. 319-3-2, interest on the funded capital, and Rs. 929-5-2, sale-proceeds of property recovered from the sea, contribute largely towards the receipts of this district for 1892-93. The charges being indeed very small, there remained to the credit of this district a surplus of Rs. 1,259-3-11. Deducting from this sum the small loan of Rs. 100 outstanding against this district on the 31st March 1892, and Rs. 4, interest payable thereon for 1892-93, the Nellore Port Fund had to its credit on the 31st March 1893 Rs. 8,900 in Government securities and a surplus cash balance of Rs. 1,190-4-5.

Chingleput.—The receipts of this district include two large sums, Rs. 275-13-10, sale-proceeds of property recovered from the sea, and Rs. 239-6-4, interest on its funded capital. There were no charges during the year. The financial position of this district on the 31st March 1893 was satisfactory, as it had to its credit on that date Rs. 585-0-4 as surplus cash balance and Rs. 6,000 in Government securities.

South Arcot.—Wharfage collections at Porto Novo during the year 1892-93 amounted to Rs. 966-15-0, and charges on account of dredger establishment and contingencies at Cuddalore to Rs. 2,229-12-8. Rs. 678-4-10, interest on the funded capital of the district, was also brought to account. Save these items, there were no special receipts or charges during the year. The financial position of this District Port Fund was also good on the 31st March 1893, as it had on that date, a surplus cash balance of Rs. 3,364-10-5 and a funded capital of Rs. 17,000 in Government paper. Out of the surplus cash balance, Rs. 2,000 has been invested in Government securities in September 1893 as per G.O., No. 259, Financial, dated 13th March 1893.

Tanjore.—The share of light-house charges for 1892-93 having been unusually heavy, the surplus of the district for that year was only Rs. 3,592-15-11. Rs. 616, interest on loan from Madras, had to be adjusted against this District Port Fund. There were no special receipts or charges during the year. Out of the surplus of the district for 1892-93, Rs. 3,300 has been treated as repayment of loan, and this left a loan of Rs. 12,000 outstanding against this district on the 31st March 1893 and a deficit balance of Rs. 63-8-2. Adjusting this deficit in the usual way by a loan of Rs. 100 from Madras, the account of this District Port Fund was made to close on the 31st March 1893 with a debt of Rs. 12,100 and a small credit balance of Rs. 36-7-10.

Madura.—Rs. 490-14-2, surplus balance of this district on the 31st March 1892, has been transferred during 1892-93 to the credit of the Pámban and Kilakarai Pilotage Funds as per G.O., No. 210, Financial, dated 27th February 1893. There were no special receipts or charges during the year under review. The transactions of the year resulted in a surplus of Rs. 1,701-2-2, and this sum will have to be transferred to the credit of the Pámban and Kilakarai Pilotage Funds, as there is no object in retaining this small sum to the credit of the district. Effecting this adjustment, the Madura Port Fund balance on the 31st March 1893 was "nil."

Tinnevely.—Pier receipts at Tuticorin for 1892-93 amounted to Rs. 15,099-9-3, and charges for constructing a corrugated iron goods-shed to Rs. 11,079. Save these two items, and Rs. 2,194-8-0, interest on the funded capital of the district, there were no special receipts or charges during the year. A sum of Rs. 2,808, interest on loan to Pilotage Funds of Pámban and Kilakarai, has been adjusted to the credit of this district. The Tinnevely Port Fund had on the 31st March 1893 a surplus balance of Rs. 41,063-2-8, besides Rs. 55,000 in Government paper, and Rs. 70,200, amount advanced as loan to Pilotage Funds, Pámban and Kilakarai.

Malabar.—Rs. 21,828-11-2 were charged in the accounts for the year 1892-93 for purchasing Government securities of the nominal value of Rs. 20,000, and this had the effect of leaving only a surplus balance of Rs. 18,828-4-3 for the year. Besides Rs. 7,570-9-4, interest on funded capital, there were no special receipts or charges during 1892-93. The Malabar District Port Fund had a surplus balance of Rupees 53,576-15-0 and a funded capital of Rs. 1,90,000 on the 31st March 1893. Out of the former sum Rs. 30,000 has been invested in Government securities in June 1893 as per G.O., No. 259, Financial, dated 13th March 1893.

South Canara.—Out of the surplus cash balance on the 31st March 1893, Government securities of the nominal value of Rs. 6,000, costing Rs. 6,548-9-9, were purchased on behalf of this District Port Fund in April 1892 and charged in the accounts for 1892-93. The surplus of the district for 1892-93 has been merged in this heavy charge. The transactions of the South Canara Port Fund, including charges on account of the investment referred to, resulted in a deficit of Rupees 1,019-13-6. The financial position of this District Port Fund on the 31st March 1893 was good, as it had on that date, a surplus cash balance of Rs. 6,816-14-0 in addition to Rs. 35,000 in Government securities. Of the former sum Rs. 3,000 has been invested in Government securities in September 1893 as per G.O., No. 259, Financial, dated 13th March 1893.

Madras.—Port dues collections at this port were credited in full. Rs. 65,000 was paid as contribution to Harbour Trust Board, and Government securities of a nominal value of Rs. 20,000, costing Rs. 21,325-11-10, were purchased in March 1893 as per G.O., No. 273, Financial, dated 5th March 1892. Rs. 8,588, interest on loan to District Port Funds, has been adjusted to the credit of this district. Save this item of receipt, and the two charges referred to, there were no special receipts or charges during the year. The Madras Port Fund had to its credit on the 31st March 1893 a surplus cash balance of Rs. 51,847-5-6 and Rs. 20,000 in Government securities, as also Rs. 2,14,000 advanced as loan to District Port Funds. The funded capital, i.e., Rs. 20,000 in Government paper, has been made over to the Harbour Trust Board in June 1893 in accordance with G.O., No. 411, Financial, dated 27th April 1893. It was not found necessary to invest Rs. 10,000 as ordered in G.O., No. 259,

Financial, dated 13th March 1893, as it was arranged in G.O., No. 340-A, Financial dated 1st April 1893, that sums standing to the credit of the Madras Port Fund on the 31st March 1893 and on the same day in subsequent years should be handed over to the Harbour Trust Board. Orders of Government are necessary in respect to the transfer of Rs. 51,847-5-6.

Taking a general review of the financial position of the District Port Funds, it will be seen that, excluding charges on account of investment in Government securities, all the districts had a surplus during 1892-93, except Ganjām, Vizagapatam, Kistna and Madras. The unusually heavy share of light-house charges for 1892-93 debited to Ganjām, Vizagapatam and Kistna districts and the payment by Madras Port Fund of Rs. 65,000 as contribution to Harbour Trust Board have led to the transactions of these districts resulting in a deficit. The financial position of the Eastern and Western Group districts had a steady gain during the year under review, their balances on the 31st March 1892 having been increased by Rs. 8,878-11-9 and Rs. 43,808-6-9 respectively, and that of the Madras Port Fund had a fall of Rs. 13,092-15-2. The financial position of the Port Funds taken as a whole showed on the 31st March 1893 an increase of Rs. 39,594-3-4 over the balance on that date of the previous year. The Port Fund balance on the 31st March 1893 was Rs. 6,64,889-11-2. The plus and minus entries to be made in the District Port Fund accounts maintained in the office of the Accountant-General in view to arriving at the amount of receipts and charges for the year of the several District Port Funds specified in Appendices C (i) and C (ii) are furnished in the Appendices C (viii-a) and C (viii-b) for the approval of Government.

Landing and Shipping Dues (Act III of 1885).

The transactions at the ports of Vizagapatam, Cocanada, Masulipatam, Negapatam and Mangalore are recorded in Appendix C (vi). Except payment of Rs. 18,592-2-2 by Cocanada as contribution towards charges of Dredger *Wenlock*, there were no special receipts or charges during the year at any of these ports. The transactions of the year under review left a surplus in each case, and their financial position on the 31st March 1893 showed a marked improvement in the balance that stood to their respective credit on the same day of the previous year.

Pilotage Funds (Act X of 1889).

(i) The transactions of the Pilotage Fund at Madras, Pámban and Kollakurai, Cochin and Mangalore are also contained in Appendix C (vi).

(ii) Government securities of a nominal value of Rs. 83,900 on behalf of the Madras Pilotage Funds costing Rs. 89,930-9-6 were purchased in March 1893 and recorded as charges of that month. There was also a large sum of Rs. 7,001-1-8 debited to this fund on account of cost of erection of Harbour Master's office. The deficit of the Madras Pilotage Fund in the year 1892-93 was due to these two heavy charges on the resources of that year.

(iii) The surplus of Rs. 490-14-2 of the Madura Port Fund on the 31st March 1892 has been adjusted to the credit of this fund, as also Rs. 18,592-2-2, contribution by Cocanada on account of dredger charges. The exemption of Cocanada from the liability of payment of percentage on the initial cost of the dredger and depreciation, amounting to Rs. 11,000, has seriously affected the resources of this fund for 1892-93. In addition to the sum of Rupees 18,592-2-2* charges incurred on account of the dredger while at Cocanada, and for which a *contra* credit has been taken to this head of account, there were charges on account of pilot establishment and contingencies, which amounted to Rs. 1,603-12-8

	RS.	A.	P.
* Establishment	7,233	1	4
Stores and contingencies.	11,359	0	10
Total ..	18,592	2	2

and on account of dredger *Wenlock*, debitable to Pámban Pilotage Funds which amounted to Rs. 16,064-5-11.* A sum of Rs. 2,808, interest on loan from the

	RS.	A.	P.
* Establishment	2,454	10	3
Docking charges of dredger at Bombay	5,531	14	1
Cost of supplying duplicate parts of the machinery ..	5,408	12	8
Stores and contingencies ..	2,669	0	11
Total ..	16,064	5	11

Tinnevely Port Fund, has been adjusted to the debit of this district, and a credit is also taken for Rs. 1,701-2-2, being surplus balance of the Madura Port Fund for 1892-93—vide Appendix C. These transactions adjusted with the credit balance of Rs. 468-10-4 that stood to the credit of this fund on the 31st March 1892 resulted in a deficit of Rs. 7,313-7-4 on the 31st March 1893. This fund was not thus in a position to repay its debt of Rs. 70,200 to any extent during the year 1892-93, and the debt had therefore to be continued to the 31st March 1893. The liability of the fund for this loan has been

† G.O., No. 778, Financial, dated 15th August 1893.

liberated † during the current year by a grant of Rs. 70,000 from Provincial funds. The balance of Rs. 200 will be paid out of the surplus of the year.

(iv) The transactions of the Cochin Pilotage Fund in 1892-93 resulted in a surplus of Rs. 1,525-8-8, and there remained to the credit of this fund on the 31st March 1893 Rs. 18,029-1-6. Of this sum Rs. 12,000 has been invested in Government securities in May 1893 as per G.O., No. 259, Financial, dated 13th March 1893.

(v) The Mangalore Pilotage Fund had a small surplus during the year under review, and this adjusted with the debit balance at the end of the previous year, there remained a deficit of Rs. 3-15-7 on the 31st March 1893.

SUMMARY.

Compared with the previous year's figures there was at Madras an increase in tonnage and dues in the case of British coasting vessels and Foreign vessels, and a decrease in the tonnage and dues of native vessels and British vessels other than coasting. At the coast ports there was an increase in the tonnage and dues of all classes of vessels that called.

Seven hundred and seven vessels of 1,125,778 tons (total) called at Madras in the year 1892-93 paying Rs. 1,00,626 in port dues, while 25,025 vessels of 5,987,491 tons (total) called at the coast ports paying Rs. 2,19,144 in port dues.

The payments in dues averaged from 13 to 24 pies per ton at Madras and from 6 to 23 pies per ton at the coast ports.

The largest passenger traffic was carried on at the following ports, viz., Pámban (36,290 passengers arrived and 63,817 left); Tuticorin (46,024 arrived and 51,412 left); and Negapatam (27,752 arrived and 46,772 left).

The largest trade was carried on at Tuticorin; Cochin, Cocanada, Calicut, Tellicherry and Mangalore come next in order.

The number of casualties to shipping was 18 as against 22 in the previous year.

APPENDIX A.

STATEMENT of Wrecks and Casualties which have occurred, or have been reported, at Ports in the Madras Presidency during the official year 1892-93.

Date.	Name of vessel.	Tonnage.	Summary of particulars furnished by the reporting officer.	Finding of the Court of Inquiry.
1892.	(Stranding).			
Mar. 18th	British Indian Muchwa Raghuapatiprasad.	16	While being taken to a safe anchorage at Badagara the vessel struck on a sand bank owing to strong winds and heavy sea, but got off uninjured.	
April 11th	(Stranding).			
	British Indian Pattimar Mahaluzmi; Master, Mahadavoo.	79	While entering the inner anchorage at Cannanore, stranded on the reef off Fort Point. Partial loss to cargo about Rs. 1,159; total loss to Pattimar, Rs. 1,500.	
" 17th	(Miscellaneous).			
	British Indian Dhoney Muhammad Bux; Master, Muhammad Thavathoo.	74	Was destroyed by fire at the port of Kayalpatam. Total loss to the dhoney, Rs. 6,000.	
" 24th	(Miscellaneous).			
	British Indian Pattimar Danc-laprasad; Master, Soono Khandoo.	38	Capsized at the entrance to the Ponnani river in a sudden squall and heavy sea. Total loss to the vessel, Rs. 2,000.	
" 24th	(Stranding).			
	British Indian Brig Muthu Coomar Latchay; Master, Ugirally.	155	Parted her ground tackle and touched the ground at the entrance to the Kilakarai Channel, but got off uninjured.	
" 29th	(Stranding).			
	British S.S. Rhema; Master, Moosa Ismail.	196	Grounded on the Jeppo sands, Mangalore backwater, but was floated without damage to the steamer or cargo.	
May 2nd	(Stranding).			
	British Indian Pattimar Encante; Master, Ragoo Bappoo.	61	While discharging cargo at Calicut a ground swell set in causing the vessel to strand at low water and break up. Loss to cargo, Rupees 6,444.	
" 7th	(Stranding).			
	British Indian Baleo Sindhudury; Master, Govind.	38	En route from Bombay to Calicut sprang a leak off Marmagoa and with difficulty reached Bahadur Ghur where she filled up. Partial loss to vessel, Rs. 60; to cargo, Rs. 1,200.	
" 22nd	(Miscellaneous).			
	Swedish Barque Adolf; Master, Severia Pehrson.	633	Took fire in the main hold while lying at anchor in the outer route of Cochin and was totally destroyed. Cause of fire unknown. Loss to cargo, Rs. 1,08,000; to ship unknown.	
" 26th	(Miscellaneous).			
	Native Cotia Lakshmiyasa; Master, Gool Mahmed.	65	Having experienced heavy weather and rough sea en route from Jaitapur to Calicut and lost her sails and rudder, vessel put into Tellicherry where she discharged her cargo. Partial loss to the Cotia, Rs. 40; and to cargo, Rs. 1,862.	

Statement of Wrecks and Casualties which have occurred, or have been reported, at Ports, &c.—cont.

Date.	Name of vessel.	Tonnage.	Summary of particulars furnished by the reporting officer.	Finding of the court of inquiry.
1892.	(Stranding).			
May 29th	British Indian Batela Luzmi-prasad Padovu.	..	Ran ashore through stress of weather at the port of Kumbha and became a total wreck.	
" 30th	(Stranding).			
	Native Gunga Palahi; Master, Khamissa.	145	En route from Calicut to Kutch the vessel encountered rough weather off Cannanore, lost both masts and subsequently drifted to the southward and stranded on the beach 1½ miles south of the Beypore river. Total loss to the vessel, Rs. 10,000; partial loss to cargo, Rs. 1,627.	
July 24th	(Miscellaneous).			
	British Indian Munji Hydross; Master, Jaimoodin Cooty.	23	Was hauled up on shore at Ponnani for the monsoon when the vessel was washed adrift by sudden freshes in the river and stranded on the bar. Total loss to the Munji, Rs. 160.	
Oct 29th	(Stranding).			
	British Indian Socvala Khajoori Jagadoviprasad.	20	Having experienced bad weather, the vessel put into the port of Ballapatam for protection, and in doing so, she took the ground.	
Dec 7th	(Stranding).			
	British Indian Pattimar Salam; Master, Babajee Sambajee.	51	Mistook the spit buoy for the bar buoy and went aground at the entrance to the Cochin river, but got off without loss.	
1893.	(Foundering).			
Jan. 1st	British Brig Sri Venugopal-savary; Master, Gungali Maricar.	217	While at anchor at Porto Novo the vessel sprang a leak owing to strong north-easterly wind and rough sea and foundered. Total loss to the brig, Rs. 6,500; partial loss to cargo, Rs. 4,500.	
" 21st	(Stranding).			
	British Indian Gunja Fateh Salom; Master, Hadjee Camissa.	153	Struck on the Cooty reef and damaged her bottom. Partial loss to the vessel, Rs. 200.	
Feb. 2nd	(Stranding).			
	British Indian Pattimar Ramaprasad; Master, Vittu.	81	En route from Cochin to Bombay the vessel encountered adverse winds, and in endeavouring to take refuge near Bahadur Ghur, struck on the rocks, sprang a leak and foundered. Loss to the vessel, Rs. 3,932; to cargo, Rs. 7,642.	

ABSTRACT.

Year.	Number of casualties.					Number of lives lost.
	Strandings.	Foundering.	Collisions.	Miscellaneous.	Total.	
1891-92	11	2	2	7	22	1
1892-93	12	1	..	5	18	..
Increase	1	..	..	..	..	..
Decrease	..	1	2	2	4	..

APPENDIX B.
PARTICULARS of the Trade of the several districts of the Madras Presidency during the official year 1892-93.

Districts.	British Vessels.									
	Coasting Steamers.									
	Arrived									
	In Ballast.			With Cargo.			With Passengers.			Total.
	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	
1	3	3	4	5	6	7	8	9	10	11 12 13
<i>Eastern Group.</i>										
Ganjam ..	2	922	133 11 0	150	274,241	13,060 5 0	155	241,549	3,379 2 0	347 516,752
Vizagapatnam ..	..	..	..	389	628,086	5,616 3 0	103	102,566	2,987 5 0	492 791,022
Godavari ..	3	4,490	424 8 9	62	124,259	3,345 3 0	216	334,512	4,387 5 0	281 433,261
Krishna ..	9	15,350	382 11 0	94	148,074	503 10 0	122	191,218	3,624 10 0	225 334,557
Nellore ..	..	..	..	..	..	..	..	..	..	..
Chingelput ..	..	..	..	..	..	..	..	..	..	..
South Arcot ..	..	..	..	141	234,437	4,426 3 0	1	..	..	142 235,240
Tanjore ..	2	1,794	..	179	268,078	6,449 3 0	124	144,115	9,396 0 0	305 413,957
Madura ..	17	5,299	..	7	1,829	..	231	56,401	1,392 3 9	255 63,529
Tinnevely ..	..	..	..	309	370,716	29,912 11 6	..	..	..	309 370,716
Total ..	33	27,795	940 14 9	1,371	2,049,720	64,413 10 6	952	1,131,535	25,108 14 9	2,355 3,209,050
<i>Western Group.</i>										
Malabar ..	5	7,497	359 2 6	581	1,005,002	39,111 14 0	137	231,422	9,515 9 0	723 1,243,861
South Canara ..	2	23	..	2	3,235	..	381	275,114	4,368 7 8	385 278,372
Total ..	7	7,460	359 2 6	583	1,008,237	39,111 14 0	518	506,536	13,883 15 8	1,108 1,522,233
Madras ..	1	1,352	..	356	618,319	40,400 7 3	..	..	..	357 619,671
Grand Total ..	41	36,607	1,300 1 3	2,310	5,076,275	1,43,985 15 9	1,470	1,638,071	38,992 14 5	3,821 5,350,954

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.	
14	15	16	17	18	19	20	21	22	23	24 25
<i>Eastern Group.</i>										
Ganjam ..	1	17	..	170	244,783	..	175	271,198	..	346 516,998
Vizagapatnam ..	..	2,158	..	383	695,928	..	163	167,539	..	493 791,032
Godavari ..	..	..	..	60	121,577	..	219	336,444	..	279 458,021
Krishna ..	38	60,891	..	64	104,365	..	123	188,778	..	245 334,557
Nellore ..	..	..	..	..	..	..	..	..	..	..
Chingelput ..	..	..	..	125	208,750	..	..	..	..	..
South Arcot ..	..	..	..	211	299,753	..	16	31,406	..	142 235,246
Tanjore ..	40	9,897	..	5	1,507	..	95	112,690	..	306 411,343
Madura ..	7	13,033	..	302	376,232	..	210	62,215	250 5 0	255 63,529
Tinnevely ..	..	..	..	..	..	..	..	..	..	309 385,885
Total ..	87	86,506	..	1,326	1,974,418	..	941	1,155,157	250 5 0	2,354 3,216,081
<i>Western Group.</i>										
Malabar ..	45	77,464	..	564	971,039	..	115	196,083	..	724 1,244,699
South Canara ..	2	23	..	1	3,235	..	382	275,312	..	385 278,373
Total ..	47	77,517	..	565	974,290	..	497	471,395	..	1,109 1,523,062
Madras ..	75	136,801	..	291	406,881	..	..	..	..	366 636,682
Grand Total ..	209	300,324	..	2,132	3,448,889	..	1,438	1,626,552	250 5 0	3,829 5,375,765

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APPENDIX B--cont.

Other Vessels (excluding Coasting Steamers).

APPENDIX B—cont.

British Vessels—cont.

Other Vessels (excluding Coasting Steamers)—cont.

APPENDIX B—cont.

Foreign Vessels.

Districts	Arrived									
	In Ballast.			With Cargo.			With Passengers.			Total.
	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	
50	61	52	55	56	57	58	59	60	61	
<i>Eastern Group.</i>										
Ganjam ..	..	..	..	..	..	..	..	..	..	..
Vizagapatnam ..	..	..	..	..	..	..	..	..	..	..
Godavari ..	..	..	..	..	..	..	..	..	..	..
Kistna ..	..	..	..	..	..	..	..	..	..	..
Nellore ..	..	..	..	..	..	..	..	..	..	..
Chingleput ..	..	..	..	..	..	..	..	..	..	..
South Arcot ..	..	..	..	..	..	..	..	..	..	..
Tanjore ..	..	..	..	..	..	..	..	..	..	..
Madras ..	..	..	..	..	..	..	..	..	..	..
Tinnevely ..	..	..	..	..	..	..	..	..	..	..
Total ..	3	2,442	254 13 9	15	21,937	3,236 5 6	1	424	79 8 0	24,803 4,270 11 3
<i>Western Group.</i>										
Malabar ..	..	..	..	..	..	..	..	..	..	..
South Canara ..	..	..	..	..	..	..	..	..	..	..
Total ..	195	17,104	1,340 1 10	448	89,538	9,238 14 10	9	192	4 3 3	106,834 11,283 3 11
Madras ..	..	..	..	..	..	..	..	..	..	..
Grand Total ..	197	19,546	1,594 15 7	538	208,333	23,738 5 10	10	616	83 11 3	238,535 25,437 0 8

APPENDIX B—cont.

Foreign Vessels—cont.

Left

Districts	Left									
	In Ballast.			With Cargo.			With Passengers.			Total.
	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	
62	63	64	65	66	67	68	69	70	71	72
<i>Eastern Group.</i>										
Ganjam ..	..	..	..	..	..	..	..	..	..	..
Vizagapatnam ..	..	..	..	..	..	..	..	..	..	..
Godavari ..	..	..	..	..	..	..	..	..	..	..
Kistna ..	..	..	..	..	..	..	..	..	..	..
Nellore ..	..	..	..	..	..	..	..	..	..	..
Chingleput ..	..	..	..	..	..	..	..	..	..	..
South Arcot ..	..	..	..	..	..	..	..	..	..	..
Tanjore ..	..	..	..	..	..	..	..	..	..	..
Madras ..	..	..	..	..	..	..	..	..	..	..
Tinnevely ..	..	..	..	..	..	..	..	..	..	..
Total ..	..	..	..	..	..	..	..	..	..	..
<i>Western Group.</i>										
Malabar ..	..	..	..	..	..	..	..	..	..	..
South Canara ..	..	..	..	..	..	..	..	..	..	..
Total ..	..	..	..	..	..	..	..	..	..	..
Madras ..	..	..	..	..	..	..	..	..	..	..
Grand Total ..	80	20,523	..	619	193,697	..	7	4,775	..	218,995

APPENDIX B—cont.

Districts.	In Ballast.			With Cargo.			With Passengers.			Total.		
	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.
	74	75	76	77	78	79	80	81	82	83	84	85
<i>Eastern Group.</i>												
Ganjam ..	10	1,194	56 0 3	18	805	56 0 0	1	57	..	29	2,147	112 0 3
Vinayapatnam ..	..	..	..	27	2,020	387 1 0	..	..	..	27	2,020	387 1 0
Godavari ..	36	4,074	131 12 3	50	6,074	337 6 0	..	1,814	113 7 0	94	12,162	532 9 3
Krishna ..	200	12,560	413 6 9	205	8,708	370 3 0	1	87	5 7 0	407	22,355	789 0 9
Nellore ..	5	232	21 8 9	30	1,935	30 15 0	..	..	..	44	1,267	52 7 9
Chingleput ..	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot ..	28	4,274	125 9 11	53	6,029	325 5 0	66	7,794	306 9 9	157	18,990	758 8 8
Tanjore ..	365	21,886	508 8 0	484	44,747	1,819 12 2	386	21,308	692 7 5	1,945	87,941	3,108 11 7
Madras ..	1,264	29,543	287 14 2	995	38,363	1,753 12 0	1,384	18,788	97 14 0	2,684	87,194	3,139 8 2
Tinnevely ..	395	10,914	201 9 8	1,213	54,582	1,994 4 3	153	5,825	92 12 0	1,717	72,421	1,888 9 6
Total ..	2,354	86,277	1,894 5 4	3,096	164,547	6,475 10 6	2,024	56,573	1,308 9 2	7,404	307,497	9,678 8 11
<i>Western Group.</i>												
Malabar ..	1,847	69,758	2,502 4 3	6,449	234,000	9,750 15 8	165	6,811	436 1 3	8,451	310,459	12,689 5 2
South Canara ..	1,078	30,440	522 15 9	2,559	64,310	2,338 8 4	200	2,068	30 10 6	4,757	97,758	2,891 13 7
Total ..	3,525	100,198	3,025 4 0	9,308	298,370	12,089 3 0	365	9,599	466 11 9	13,198	408,167	15,581 2 9
Madras ..	8	712	49 12 6	60	7,228	641 5 3	..	..	..	71	7,940	691 1 9
Grand Total ..	5,817	187,187	4,909 5 10	12,467	470,145	19,208 2 8	2,389	66,272	1,775 4 11	20,673	723,664	25,950 13 5

APPENDIX B—cont.

Districts.	In Ballast.			With Cargo.			With Passengers.			Total.		
	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.	Vessels.	Tonnage.	Dues.
	86	87	88	89	90	91	92	93	94	95	96	97
<i>Eastern Group.</i>												
Ganjam ..	2	255	..	23	1,103	..	1	67	..	26	1,415	..
Vinayapatnam ..	18	1,367	..	9	653	..	..	..	..	27	2,020	..
Godavari ..	21	2,591	..	61	8,580	..	..	..	..	85	11,845	..
Krishna ..	46	2,192	..	379	19,236	..	..	..	..	425	21,128	..
Nellore ..	41	1,215	..	4	227	..	..	..	..	45	1,442	..
Chingleput ..	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot ..	41	6,525	38 7 0	58	6,534	..	60	5,649	164 13 9	168	18,708	203 4 9
Tanjore ..	235	20,088	..	661	55,914	28 1 3	333	11,551	52 10 6	1,249	87,533	80 11 9
Madras ..	1,400	37,723	79 11 6	803	26,794	827 7 9	1,514	20,004	24 15 6	3,717	84,521	432 3 9
Tinnevely ..	459	12,388	..	1,089	54,653	41 3 3	152	6,133	..	1,710	72,184	41 3 3
Total ..	2,263	84,344	118 2 6	3,087	173,714	386 12 3	2,102	43,058	242 7 9	7,452	301,116	767 6 6
<i>Western Group.</i>												
Malabar ..	2,240	68,250	..	6,100	236,967	..	98	2,680	..	8,438	307,847	..
South Canara ..	784	14,727	..	3,709	80,134	..	240	3,541	..	4,733	98,402	..
Total ..	3,024	82,977	..	9,809	317,101	..	338	6,171	..	13,171	406,249	..
Madras ..	32	4,580	..	46	4,503	..	..	..	..	78	9,083	..
Grand Total ..	5,319	171,901	118 2 6	12,942	495,318	386 12 3	2,440	49,229	212 7 9	20,701	716,445	767 6 6

APPENDIX B—cont.

Districts.	In Ballast.				With Cargo.				With Passengers.				Total.			
	Tonnage.		Dues.		Tonnage.		Dues.		Tonnage.		Dues.		Tonnage.		Dues.	
	Vessels.	98	Vessels.	100	Vessels.	101	Vessels.	102	Vessels.	103	Vessels.	104	Vessels.	105	Vessels.	107
<i>Eastern Group.</i>																
Ganjam ..	13	3,491	377 7 0	211	279,070	14,270 4 6	156	241,606	3,379 2 0	380	524,167	18,026 13 6				
Vizagapatnam ..	5	8,086	758 1 0	445	676,461	9,622 5 6	103	167,836	2,959 5 0	593	847,488	13,379 11 6				
Godavari ..	55	24,716	3,793 11 9	158	198,203	14,871 3 9	225	356,750	4,580 4 0	436	599,669	22,865 3 6				
Kistna ..	269	28,810	796 1 9	309	150,782	873 13 0	123	191,806	3,630 6 0	632	376,892	5,300 4 9				
Nellore ..	5	232	21 8 9	39	1,035	30 15 0	..	..	..	44	1,267	52 7 9				
Chingelput ..	..	..	1,431 2 11	208	259,768	7,093 15 0	94	63,977	1,543 5 3	345	331,546	9,983 7 2				
South Arcot ..	46	18,200	596 8 0	699	357,215	14,116 9 2	554	238,844	12,315 10 5	1,620	610,739	28,028 11 7				
Tanjore ..	307	33,680	287 14 2	1,026	45,883	2,064 5 6	1,633	76,258	1,519 1 0	2,970	156,933	3,801 4 8				
Madura ..	1,311	34,842	367 2 3	1,527	434,927	32,311 1 9	1,58	6,826	92 12 0	2,652	454,432	32,771 0 0				
Tinnevely ..	337	12,680	..	..	..	..	..	..	..	..	..	..	..	..	..	
Total ..	2,348	104,737	8,339 9 7	4,608	2,408,894	94,864 0 2	2,056	1,303,496	31,054 13 8	10,012	2,882,127	1,34,259 9 5				
<i>Western Group.</i>																
Malabar ..	1,868	90,923	4,084 9 7	7,475	1,386,986	61,780 15 8	304	239,599	10,095 9 3	9,477	1,716,858	75,901 2 6				
South Canara ..	1,830	34,356	712 9 6	3,117	75,886	2,794 2 8	589	278,264	4,403 5 5	5,536	388,506	7,910 1 7				
Total ..	3,728	125,279	4,797 3 1	10,592	1,462,872	64,575 2 4	893	517,863	14,498 14 8	15,013	2,105,364	83,871 4 1				
Madras ..	12	3,045	469 10 5	694	1,118,390	99,967 5 9	1	1,343	183 13 9	507	1,125,778	1,00,695 13 11				
Grand Total ..	6,088	296,661	13,606 7 1	15,694	4,889,506	2,59,407 1 3	3,950	1,897,702	45,742 10 1	25,732	7,113,289	3,18,756 2 5				

APPENDIX B—cont.

Districts.	In Ballast.				With Cargo.				With Passengers.				Total.			
	Tonnage.		Dues.	Vessels.	Tonnage.		Dues.	Vessels.	Tonnage.		Dues.	Vessels.	Tonnage.		Dues.	
	Vessels.	110	111		112	113	114		115	116	117		118	119	120	121
Eastern Group.				Rs. A. P.				Rs. A. P.							Rs. A. P.	
	Ganjam ..	3	272	..	195	249,250	..	176	271,255	..	..	375	520,777	..	..	
	Vizagapatnam ..	27	17,628	..	424	668,324	..	103	162,936	..	..	554	848,888	..	..	
	Godavari ..	22	3,941	..	176	214,857	..	226	340,932	..	..	424	559,230	..	..	
	Kistna ..	84	63,083	..	443	124,104	..	123	188,778	..	..	650	375,965	..	..	
	Nellore ..	41	1,215	..	4	227	..	..	..	..	..	45	1,442	..	..	
	Chingelput ..	..	6,235	38 7 0	..	288,661	..	113	83,927	164 13 9	..	355	329,113	203 4 9	..	
	South Arcot ..	236	21,822	..	807	416,986	28 1 3	491	178,199	52 10 6	..	1,624	615,957	80 11 9	..	
	Tanjore ..	1,470	52,566	79 11 6	809	28,475	..	1,724	72,219	281 4 6	..	4,063	154,260	688 7 9	..	
	Madura ..	465	26,021	..	1,407	438,210	41 3 3	152	6,133	..	..	2,025	469,364	41 3 3	..	
Tinnevely ..	2,890	194,073	118 3 6	4,557	2,377,544	396 12 3	3,108	1,303,379	498 12 9	10,055	3,874,996	1,018 11 6	..	..		
Total ..																
Western Group.																
	Malabar ..	2,317	150,650	..	8,914	1,553,743	..	216	202,991	..	..	9,447	1,707,384	..	..	
	South Canara ..	827	16,492	..	4,078	93,745	..	625	278,925	..	..	5,630	389,163	..	..	
	Total ..	3,144	167,142	..	10,992	1,447,488	..	841	481,917	..	..	14,977	2,096,547	..	..	
Madras ..	150	210,063	..	..	563	928,737	..	..	..	..	718	1,138,790	..	..		
	Grand Total ..	5,684	571,218	118 9 6	16,117	4,753,819	396 12 3	3,949	1,785,296	498 12 9	25,760	7,110,383	1,018 11 6	..	..	

Abstract of Appendix B.

		1892-93.				1891-92.				1890-91.			
		Madras.		Eastern Group.		Western Group.		Total.					
		NUMBER.	TONNAGE.	NUMBER.	TONNAGE.	NUMBER.	TONNAGE.	NUMBER.	TONNAGE.	NUMBER.	TONNAGE.	NUMBER.	TONNAGE.
<i>Class of Vessels.</i>													
British	Coasting steamers	357	619,671	2,856	1,209,050	1,108	1,622,233	3,821	5,350,954	3,776	5,295,986	3,954	4,945,359
	Other vessels	204	401,279	234	310,777	55	68,120	493	810,186	541	906,502	966	947,208
Foreign vessels		76	96,588	13	24,893	652	106,534	746	228,525	702	206,049	866	130,048
Native do.		71	7,240	7,404	307,437	12,198	408,187	20,673	723,604	19,432	706,855	19,309	785,603
Total		707	1,126,778	10,612	3,882,127	15,013	2,105,364	25,792	7,113,269	24,461	7,053,692	25,555	6,811,216
<i>Dues Collected.</i>													
British	Coasting steamers	40,431		99,799		53,385		1,81,536		1,80,342		1,54,407	
	Other vessels	49,671		20,846		8,922		83,089		1,02,626		1,02,949	
Foreign vessels		9,883		4,271		11,283		25,437		21,605		12,859	
Native do.		691		10,436		15,581		26,708		26,171		25,860	
Total			1,00,626		1,55,273		83,871		3,19,770		3,30,650		2,96,075

APPENDIX C.

STATEMENT showing the Financial position of the Port and Marine Funds of the Madras Presidency on the 31st March 1893.

1892-93.										Closing balance on 31st March 1893.									
Opening balance on 1st April 1892.				Receipts.		Charges.		Surplus + Deficit -.		Adjustments. Credits + Debits -.		Government securities purchased and sums lent + Securities sold and sums borrowed -.		Government securities and sums lent + Sums borrowed -.		Cash balance. Surplus + Deficits -.			
1		2		3		4		5		6		7		8		9		10	
POOR FUNDS.		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.
Act X of 1889.																			
Ganjank		1,95,400	0 0	24	2 2	16,899	2 4	23,343	15 0	415	9 11	{(a)+8,555 12 1 {(b)-7,816 0 0	..	1,95,400	0 0	..	..	1,793	12 7
Vizagapatnam ..		90,000	0 0	8,793	13 3	6,029	2 9	40,063	8 11	7,000	0 8	..	..	90,000	0 0	4,000	0 0	9,449	15 7
Godavari		..	..	8,070	4 0	30,187	12 11	28,808	1 4	1,379	11 7	..	..	4,000	0 0	..	..	34	13 2
Kistna		..	..	1,140	0 0	13,793	10 5	16,378	1 7	2,584	7 2	..	..	..	..	..	..	..	..
Nellore		..	..	35	0 6	1,307	0 1	47	12 2	1,259	3 11	..	..	..	..	..	..	1,190	4 5
Chingelput ..		..	..	57	10 6	527	5 10	..	..	527	5 10	..	..	..	..	..	..	585	0 4
South Arcot ..		..	..	1,691	12 3	14,976	15 9	15,304	1 7	1,672	14 2	..	..	..	..	..	..	3,864	10 5
Tanjore		..	..	0 8 1	..	27,632	7 4	28,679	7 5	3,952	15 11	..	..	..	..	..	..	36	7 10
Madura		..	..	490	14 2	7,349	14 8	5,648	12 6	1,701	2 2	..	..	..	..	..	..	..	..
Tinnevely		..	..	..	..	..	..	490	14 2	490	14 2	..	..	..	..	..	..	..	..
Total		65,000	0 0	34,153	6 6	33,975	14 8	26,874	2 6	4,101	12 2	+	+	70,200	0 0	+	+	41,063	2 8
Total		70,200	0 0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total		31,500	0 0	63,269	12 11	1,85,732	15 0	1,81,628	13 2	4,104	1 10	+	+	36,200	0 0	+	+	57,448	8 8
Mahab		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
South Canara ..		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total		1,70,000	0 0	34,748	10 9	82,371	15 2	63,543	10 11	18,828	4 3	..	..	1,90,000	0 0	+	+	53,576	15 0
Total		29,000	0 0	7,830	11 6	16,680	6 8	17,700	4 2	1,019	13 6	..	..	35,000	0 0	+	+	6,816	14 0
Total		1,99,000	0 0	42,585	6 3	99,052	5 10	81,243	15 1	17,808	6 9	..	..	2,25,000	0 0	+	+	60,393	13 0
Total		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Madras		2,11,700	0 0	84,240	4 8	1,08,177	4 3	1,49,858	3 5	41,080	15 2	+	+	2,14,000	0 0	+	+	51,847	5 6
Total		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Grand Total ..		4,45,200	0 0	1,80,055	7 10	3,92,962	9 1	4,13,730	15 8	10,768	6 7	+	+	4,95,200	0 0	+	+	1,69,689	11 2
Grand Total ..		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
LANDING AND SHIPPING DUES.		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Act III of 1886.		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Vizagapatnam ..		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Coastal		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mangalore		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mangalore		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
PHOTOGRAPH FUNDS.		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Act X of 1889.		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Madras		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pamban and Kilakarai ..		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cochin		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mangalore		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

(a) Contribution from Provincial to meet the deficit of the district and interest on loan payable to Madras.

(b) Interest on loan to Madras.

(c) Surplus of Madras Port Fund for 1892-93 transferred to Pamban and Kilakarai Port Funds.

(d) Interest on loan to District Funds.

(e) Interest on loan payable to Tinnervelly Port Fund by Pileage Funds, Pamban and Kilakarai.

APPENDIX C (i).

STATEMENT of the receipts of the Maritime Districts in the Madras Presidency (under Act X of 1889) for the official year 1892-93, revised in accordance with the rules published in G.O., No. 24, Marine, dated 27th January 1890.

Districts.	Share of Coast- ing Steamers dues.	Other Port dues.	Share of General Administration receipts.	Miscellaneous receipts.	Public Works receipts.	Fees.	Interest.	Repayment of loans, advances and contribu- tion.	Provincial contribution.	Total.
<i>Eastern Group.</i>										
Ganjam ..	14,441 7 1	514 8 0	4 5 6	689 3 3	..	1,249 10 3	..	..	Rs. A. P. 6,029 2 9	Rs. A. P. 22,928 5 1
Vizagapatnam ..	22,105 5 10	4,774 3 6	6 10 5	361 12 2	..	2,213 8 4	3,591 0 0	..	..	Rs. A. P. 32,063 8 3
Godavari ..	12,946 9 0	14,098 2 9	3 14 4	70 13 11	540 0 0	1,770 12 7	157 8 4	..	..	Rs. A. P. 30,187 12 11
Kistna ..	9,998 1 7	809 1 7	2 15 8	396 3 11	..	2,677 3 8	..	..	..	Rs. A. P. 13,793 10 6
Nellore ..	..	52 7 9	..	929 5 2	..	6 0 0	319 3 2	..	..	Rs. A. P. 1,307 0 1
Chingaleput ..	..	..	..	287 15 6	..	..	239 6 4	..	..	Rs. A. P. 527 5 10
Madras ..	40,430 7 3	62,806 11 11	5 3 5	3,159 8 6	..	1,775 5 2	..	..	..	Rs. A. P. 1,08,177 4 3
South Arcot ..	6,574 5 2	6,760 3 11	1 15 8	1,909 9 6	..	552 8 8	678 4 10	..	..	Rs. A. P. 14,976 15 9
Tanjore ..	11,509 8 5	12,134 5 4	3 7 8	717 11 4	..	3,207 6 7	..	..	..	Rs. A. P. 27,632 7 4
Madura ..	1,775 6 8	2,971 0 8	0 8 7	947 1 10	..	1,655 12 11	..	..	..	Rs. A. P. 7,349 14 8
Tinnevely ..	10,390 4 0	2,940 14 9	3 1 11	16,228 1 0	..	2,249 1 0	2,194 8 6	..	..	Rs. A. P. 35,975 16 8
Total ..	1,30,112 7 3	1,07,461 12 2	32 3 2	24,797 6 1	540 0 0	17,757 5 2	7,179 14 8	..	6,029 2 9	Rs. A. P. 2,93,010 3 3
<i>Western Group.</i>										
Malabar ..	45,522 7 1	26,044 10 0	10 7 4	522 10 10	..	3,701 2 7	7,570 9 4	..	..	Rs. A. P. 82,371 15 2
South Canara ..	9,752 8 11	3,543 10 8	2 5 6	376 7 4	..	1,602 0 3	1,393 6 0	..	..	Rs. A. P. 16,680 6 8
Total ..	55,385 0 0	30,488 4 8	12 12 10	899 2 2	..	5,303 2 10	8,963 15 4	..	..	Rs. A. P. 99,052 5 10
Grand Total ..	1,85,497 7 3	1,37,950 0 10	45 0 0	25,696 8 3	540 0 0	23,060 8 0	16,143 14 0	..	6,029 2 9	Rs. A. P. 3,92,962 9 1

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 1892-93.

Districts.	Coasting Steamers' dues.	Other Port dues.	General Administration receipts.	Miscellaneous receipts.	Public Works receipts.	Fees.	Interest.	Repayment of loans, advances and contribution.	Provincial contribution.	Total.
<i>Eastern Group.</i>										
Ganjam ..	17,473 2 0	514 8 0	..	680 3 3	..	1,249 10 3	..	..	Rs. A. P. 6,029 2 9	Rs. A. P. 26,955 10 3
Vizagapatnam ..	8,095 8 0	4,774 3 6	..	361 12 2	..	2,213 8 4	3,591 0 0	..	..	Rs. A. P. 19,646 0 0
Godavari ..	8,157 0 9	14,698 2 9	..	70 13 11	540 0 0	1,770 12 7	157 8 4	..	..	Rs. A. P. 25,394 6 4
Kistna ..	4,132 9 9	809 1 7	..	396 3 11	..	2,677 3 8	..	..	..	Rs. A. P. 8,014 11 4
Nellore ..	..	52 7 9	..	929 5 2	..	6 0 0	319 3 2	..	..	Rs. A. P. 1,307 0 1
Chingaleput ..	..	..	..	287 15 6	..	..	239 6 4	..	..	Rs. A. P. 527 5 10
Madras ..	40,430 7 3	62,806 11 11	45 0 0	3,159 8 6	..	1,775 5 2	..	..	..	Rs. A. P. 12,827 2 11
South Arcot ..	4,436 8 0	6,760 3 11	..	1,909 9 6	..	552 8 8	678 4 10	..	..	Rs. A. P. 31,366 14 1
Tanjore ..	15,398 6 10	12,134 5 4	..	717 11 4	..	3,207 6 7	..	..	..	Rs. A. P. 7,222 8 2
Madura ..	1,648 8 9	2,971 0 8	..	947 1 10	..	1,655 12 11	..	..	..	Rs. A. P. 7,222 8 2
Tinnevely ..	29,912 11 6	2,940 14 9	..	16,228 1 0	..	2,249 1 0	2,194 8 6	..	..	Rs. A. P. 63,545 4 3
Total ..	1,30,112 7 3	1,07,461 12 2	45 0 0	24,797 6 1	540 0 0	17,757 5 2	7,179 14 8	..	6,029 2 9	Rs. A. P. 2,93,923 0 1
<i>Western Group.</i>										
Malabar ..	49,016 8 6	26,044 10 0	..	522 10 10	..	3,701 2 7	7,570 9 4	..	..	Rs. A. P. 87,755 0 3
South Canara ..	4,368 7 6	3,543 10 8	..	376 7 4	..	1,602 0 3	1,393 6 0	..	..	Rs. A. P. 11,283 15 9
Total ..	53,385 0 0	30,488 4 8	..	899 2 2	..	5,303 2 10	8,963 15 4	..	..	Rs. A. P. 99,039 9 0
Grand Total ..	1,85,497 7 3	1,37,950 0 10	45 0 0	25,696 8 3	540 0 0	23,060 8 0	16,143 14 0	..	6,029 2 9	Rs. A. P. 3,92,962 9 1

* Total of Coasting Steamers' dues as per abstract statement in Appendix B.

Deduct—

Refund of Coasting Steamers' dues, Eastern Group ..

do.

Refund of Coasting Steamers' dues, Western Group ..

do.

Total ..

Rs. A. P.
1,84,055 4 6

Rs. A. P.
1,637 13 2

Rs. A. P.
1,837 13 2

Total ..

Rs. A. P.
1,83,497 7 3

APPENDIX C (ii).
STATEMENT showing the charges of the Maritime Districts of the Madras Presidency (under Act X of 1889) for the official year 1892-93, 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.	Repayment of loans, advances and contributions.	Total.					
	RS.	A. P.	RS.	A. P.	Post Officers and Conservators.	Other establishments.											
Eastern Group.																	
Ganjam ..	5,728	8 10	10,092	1 11	33,339	2 8	1,481	2 4	2,124	8 8	219	8 2	457	14 8	23,343	15 0	
Vinayapatnam ..	8,769	0 4	15,450	2 0	5,556	8 7	2,181	0 0	6,942	3 3	215	14 9	938	12 0	40,053	8 11	
Goddavari ..	5,135	9 1	9,048	5 6	4,980	0 0	2,263	14 0	6,036	12 1	667	6 1	676	2 7	28,808	1 4	
Kistna ..	3,920	4 7	6,924	12 3	2,705	9 0	746	9 7	360	12 5	—	114	9 6	1,284	11 8	16,378	1 7
Nellore ..	..	..	..	..	..	..	..	..	47	12 2	..	..	..	..	47	12 2	
Chingleput ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Madras ..	6,869	7 8	12,102	5 1	9,597	8 1	19,019	13 5	1,02,238	1 2	..	..	..	..	1,49,858	3 5	
South Arcot ..	2,607	13 10	4,594	12 7	870	0 0	1,698	2 11	2,050	0 7	1,173	12 9	299	6 11	13,304	1 7	
Tanjore ..	4,589	5 8	8,086	14 11	5,672	7 8	1,566	9 7	1,749	2 10	768	6 7	1,308	8 7	23,679	7 5	
Madura ..	704	4 2	1,240	13 5	1,879	14 5	490	8 0	1,735	7 0	..	..	88	10 11	6,139	10 8	
Tinnevely ..	4,406	10 3	7,240	12 4	3,083	12 2	1,923	10 0	960	6 4	11,515	12 5	1,027	3 0	29,874	2 6	
Total ..	42,444	6 0	74,782	0 0	27,589	14 7	31,315	5 10	1,24,825	3 3	14,449	3 8	6,081	5 8	3,31,487	0 7	
Western Group.																	
Malabar ..	13,739	0 10	6,013	4 1	11,280	0 0	5,356	7 11	23,806	10 3	1,630	4 0	1,667	15 10	65,543	10 11	
South Canara ..	3,085	15 2	1,846	11 11	3,394	15 6	1,160	8 3	7,216	3 10	1,005	13 3	491	0 3	17,700	4 2	
Total ..	16,875	0 0	7,859	0 0	14,674	15 6	6,517	0 2	31,022	14 1	2,635	1 8	2,159	0 1	81,243	15 1	
Grand Total ..	59,319	0 0	82,141	0 0	52,264	14 1	37,832	6 0	1,55,848	1 4	17,085	4 6	8,240	5 9	4,12,730	15 8	

APPENDIX C (ii-c).

STATEMENT showing the actual Charges of the Maritime Districts in the Madras Presidency (under Act X of 1889) for the official year 1892-93.

Districts.	General charges.	Lighthouse charges.	Establishment.		Contingencies and Miscellaneous.	Public Works charges.	Fees.	Interest.	Repayment of loans, advances and contribution.	Total.
			Port Officers and Conservators.	Other Establishments.						
Eastern Group.										
Ganjam ..	202 8 0	938 3 2	8,229 2 8	1,481 2 4	2,124 8 8	219 5 2	457 14 5	..	..	8,752 15 5
Vizagapatam ..	478 11 9	3,888 2 8	8,556 8 7	2,181 0 0	6,942 8 3	215 14 9	938 12 0	..	..	20,151 5 0
Goddavari ..	660 2 8	12,544 0 10	4,980 0 0	2,263 14 0	6,036 12 1	667 6 1	676 2 7	..	..	27,828 6 3
Kistna ..	741 0 0	2,801 11 8	2,705 9 0	746 9 7	900 12 5	114 9 6	1,284 11 8	..	..	9,155 12 5
Nellore ..	..	2,983 8 8	..	..	47 12 2	..	..	..	..	3,030 15 5
Chingleput ..	..	5,131 2 0	..	..	..	..	..	..	..	5,191 2 0
Madras ..	55,812 9 2	27,922 0 3	9,597 8 1	19,019 13 5	1,02,268 1 2	..	..	..	..	2,14,620 0 1
South Arcot ..	150 0 0	3,886 8 0	870 0 0	1,698 2 11	2,080 0 7	1,173 12 9	299 6 11	..	..	10,137 10 2
Tanjore ..	169 6 2	3,663 7 0	5,672 7 8	1,505 9 7	1,749 2 10	768 6 7	1,308 8 7	..	..	14,836 15 5
Madura ..	165 3 7	2,038 15 2	1,879 14 5	490 8 0	1,735 7 9	..	88 10 11	..	..	6,355 11 10
Tinnevely ..	387 12 0	8,804 15 0	3,088 12 2	1,928 10 0	960 6 4	11,618 12 5	1,027 3 0	..	..	27,776 6 11
Total ..	58,755 4 4	74,782 0 0	37,589 14 7	31,315 5 10	1,24,825 3 3	14,449 3 3	6,081 5 8	..	..	3,47,838 4 11
Western Group.										
Malabar ..	487 1 0	4,187 7 10	11,280 0 0	6,356 7 11	23,806 10 3	1,630 4 0	1,667 15 10	..	..	48,415 14 10
South Canara ..	36 10 8	3,171 8 2	3,394 15 6	1,160 8 3	7,216 3 10	1,005 13 3	491 0 3	..	..	16,476 11 11
Total ..	523 11 8	7,358 0 0	14,674 15 6	6,517 0 2	31,022 14 1	2,635 1 3	2,159 0 1	..	..	64,892 10 9
Grand Total ..	59,319 0 0	82,141 0 0	52,264 14 1	37,832 6 0	1,55,848 1 4	17,085 4 6	8,240 5 9	..	..	4,12,730 16 8

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APPENDIX C (iii-c).
STATEMENT showing increase and decrease in Port Fund Receipts of 1892-93 as compared with those of the year 1891-92.

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 and Contributions.	Provincial Contributions.	Total.
Carcin	Rs. A. P. 13,551 1 8 14,341 7 4 + 890 6 8	Rs. A. P. 1,318 0 0 514 8 0 - 703 8 0	Rs. A. P. 1 3 2 4 5 6 + 3 2 4	Rs. A. P. 769 7 3 589 3 3 - 70 4 0	Rs. A. P. 15 1 3 .. - 15 1 3	Rs. A. P. 1,509 11 2 1,240 10 3 - 269 0 11	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P. 17,054 9 0 22,928 6 1 + 5,873 12 1
Vizagapatam	Rs. A. P. 21,424 13 6 22,105 5 10 + 681 8 4	Rs. A. P. 5,641 1 2 4,774 3 5 - 866 13 9	Rs. A. P. 2 0 4 6 10 5 + 4 10 1	Rs. A. P. 697 3 2 331 12 2 - 266 7 0	Rs. A. P. 163 7 10 .. - 163 7 10	Rs. A. P. 2,840 2 2 2,218 8 4 - 626 9 10	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P. 34,280 12 3 33,053 8 8 - 1,226 4 0
Gadavari	Rs. A. P. 12,042 7 0 12,946 0 0 + 904 2 0	Rs. A. P. 14,521 0 9 14,098 2 9 - 423 9 0	Rs. A. P. 1 5 1 3 14 4 + 2 9 3	Rs. A. P. 214 4 9 70 13 11 - 143 6 10	Rs. A. P. 540 0 0 340 0 0 ..	Rs. A. P. 1,405 11 7 1,770 12 7 + 365 1 0	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P. 28,894 13 2 30,157 12 11 + 1,263 15 9
Kistna	Rs. A. P. 9,508 0 8 9,508 1 7 + 10 0 11	Rs. A. P. 1,206 11 1 869 1 7 - 437 9 6	Rs. A. P. 0 14 7 2 15 8 + 2 1 1	Rs. A. P. 533 15 4 306 3 11 - 137 11 6	Rs. A. P.	Rs. A. P. 2,155 6 8 2,677 3 8 + 521 13 0	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P. 13,885 0 4 13,793 10 6 - 91 5 11
Nallara	Rs. A. P. 130 11 10	Rs. A. P. 187 1 4 52 7 9 ..	Rs. A. P. 0 0 3	Rs. A. P. 248 8 7 929 5 2 ..	Rs. A. P.	Rs. A. P. 141 0 0 0 0 0 ..	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P. 1,025 8 6 1,307 0 1 + 281 7 7
Chingelput	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.
Madras	Rs. A. P. 39,005 8 3 40,430 7 3 + 524 15 0	Rs. A. P. 79,654 1 4 82,806 11 11 - 16,847 5 6	Rs. A. P. 2 14 8 5 3 5 + 2 4 9	Rs. A. P. 3,576 10 10 3,169 8 6 - 407 2 4	Rs. A. P.	Rs. A. P. 2,009 15 6 1,775 5 2 - 234 10 4	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P. 1,25,149 2 7 1,08,177 4 3 - 10,971 14 4

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APPENDIX C (iii-c)-cont.
Statement showing increase and decrease in Port Fund Receipts of 1892-93 as compared with those of the year 1891-92—cont.

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 and Contributions.	Provincial Contributions.	Total.
South Arcot	Rs. A. P. 5,025 2 1 6,574 5 2 + 1,549 3 1	Rs. A. P. 2,833 10 7 5,760 3 11 + 2,926 9 4	Rs. A. P. 0 10 6 1 15 8 + 1 5 3	Rs. A. P. 10,059 11 5 1,009 9 6 - 9,050 1 11	Rs. A. P.	Rs. A. P. 685 15 9 932 8 8 + 266 8 11	Rs. A. P. 994 14 4 678 4 10 - 316 9 6	Rs. A. P.	Rs. A. P.	Rs. A. P. 19,600 0 7 14,976 15 9 - 4,623 0 10
Tanjore	Rs. A. P. 12,161 7 6 11,569 8 5 - 591 15 1	Rs. A. P. 15,761 7 7 12,134 5 4 - 3,627 2 3	Rs. A. P. 1 7 7 3 7 8 + 2 0 1	Rs. A. P. 483 8 4 717 11 4 + 234 8 0	Rs. A. P.	Rs. A. P. 2,609 13 1 3,207 6 7 - 402 6 6	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P. 32,007 7 1 27,932 7 4 - 4,074 15 9
Madura	Rs. A. P. 1,105 13 11 1,775 6 8 + 668 8 9	Rs. A. P. 2,665 6 1 2,671 0 8 + 305 10 7	Rs. A. P. 0 4 2 0 8 7 + 0 4 5	Rs. A. P. 22,303 14 10 947 1 10 - 21,416 13 0	Rs. A. P.	Rs. A. P. 1,091 10 2 1,555 12 11 + 564 2 9	Rs. A. P. 798 0 0 .. - 798 0 0	Rs. A. P.	Rs. A. P.	Rs. A. P. 28,096 1 2 7,819 14 8 - 20,276 2 6
Tinnevely	Rs. A. P. 9,777 5 10 10,360 4 0 + 582 14 2	Rs. A. P. 3,450 3 3 2,949 14 9 - 509 4 6	Rs. A. P. 1 1 1 3 1 11 + 2 0 10	Rs. A. P. 81,082 15 0 16,228 1 0 - 65,704 14 0	Rs. A. P.	Rs. A. P. 2,197 15 6 2,249 1 0 + 51 1 6	Rs. A. P. 4,788 0 0 2,194 8 0 - 2,593 8 0	Rs. A. P.	Rs. A. P.	Rs. A. P. 1,02,147 8 8 33,975 14 8 - 68,171 10 0
Malabar	Rs. A. P. 45,511 2 5 43,622 7 1 - 1,888 11 4	Rs. A. P. 23,255 0 0 20,944 10 0 + 3,689 10 0	Rs. A. P. 4 5 4 10 7 4 + 6 2 0	Rs. A. P. 445 13 8 522 10 10 + 76 13 2	Rs. A. P.	Rs. A. P. 3,652 0 3 3,701 2 7 + 49 2 4	Rs. A. P. 6,746 8 8 7,670 9 4 + 924 0 8	Rs. A. P.	Rs. A. P.	Rs. A. P. 79,035 5 4 82,371 15 2 + 2,756 9 10
South Canara	Rs. A. P. 8,207 13 7 9,762 8 11 + 1,554 11 4	Rs. A. P. 3,138 8 0 8,543 10 8 + 405 2 8	Rs. A. P. 0 13 4 2 5 6 + 1 8 2	Rs. A. P. 466 4 5 376 7 4 - 79 13 1	Rs. A. P.	Rs. A. P. 1,568 1 4 1,602 0 3 + 33 14 11	Rs. A. P. 1,153 7 4 1,393 6 0 + 239 14 8	Rs. A. P.	Rs. A. P.	Rs. A. P. 14,525 0 0 16,880 6 8 + 2,155 6 8
Grand Total	Rs. A. P. 1,78,782 5 8 1,83,497 7 3 + 4,764 15 0	Rs. A. P. 1,53,792 3 9 1,87,950 0 10 - 16,842 2 11	Rs. A. P. 17 0 0 45 0 0 + 28 0 0	Rs. A. P. 1,21,767 12 10 25,696 8 3 - 96,071 4 7	Rs. A. P. 719 0 1 640 0 0 - 179 0 1	Rs. A. P. 22,867 7 2 24,000 8 0 + 193 0 10	Rs. A. P. 18,628 6 7 16,143 14 0 - 2,484 8 7	Rs. A. P.	Rs. A. P.	Rs. A. P. 4,95,594 6 8 3,92,962 9 1 - 1,08,561 13 7

APPENDIX C (iv).
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 1892-93.

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.	Tide-gauge.		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.	Rs. A. P.	Rs. A. P.
Ganjam ..	..	..	..	..	..	..	..	..	..	292 8 0	..	..	292 8 0
Vizagapatam ..	..	..	..	..	..	..	11 8 0	..	..	467 3 9	..	..	478 11 9
Godavari ..	..	..	..	..	..	..	79 0 0	..	..	581 2 8	..	..	660 3 3
Kistna ..	..	..	..	..	..	..	..	645 0 0	..	90 0 0	..	..	741 0 0
Nellore ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chingleput ..	..	..	..	..	..	..	..	..	..	..	..	..	..
Madras {	..	..	..	..	..	..	..	..	..	18,064 14 7	..	..	18,064 14 7
Presidency Port ..	..	..	..	15,079 14 2	11,190 12 1	2,147 14 8	3,173 6 1	4,065 4 10	2,090 6 9	..	..	..	37,47 10 7
Office ..	26 1 2	18 14 10	45 0 0	..	..	..	11 0 0	..	..	139 0 0	..	..	150 0 0
South Arcot ..	..	..	..	..	..	..	..	..	..	169 5 2	..	..	169 5 2
Tanjore ..	..	..	..	..	..	..	..	..	..	..	..	..	193 3 7
Madura ..	..	..	..	103 3 7	..	..	..	..	..	..	..	..	387 12 0
Tinnevely ..	..	..	..	..	..	..	..	..	..	..	384 0 0	3 12 0	387 12 0
Malabar ..	..	..	..	..	..	..	..	..	..	448 0 0	39 1 0	..	487 1 0
South Canara ..	..	..	..	..	..	..	..	..	..	35 10 8	..	..	36 10 8
Total ..	26 1 2	18 14 10	45 0 0	15,783 1 9	11,100 12 1	2,147 14 8	3,274 14 1	4,710 4 10	2,000 6 9	26,224 12 10	423 1 0	3 12 0	59,319 0 0

* This sum includes the following special charges:—

Printing and stationery charges ..	Rs. A. P.
Post of telephones line ..	1,208 7 7
Periodicals supplied ..	183 0 0
Share of Municipal assessment on Port office building ..	462 4 3
	125 4 8

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APPENDIX C (v-a).

STATEMENT of fees received during 1892-93.

Districts.	Fees levied under Acts.			Overtime fees for Port Officers and Conservators.			Overtime fees for Establishments.			Total.		
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
Ganjam ..	331	8	0	843	1	5	75	0	10	1,249	10	3
Vizagapatam ..	336	0	0	1,829	0	0	48	8	4	2,213	8	4
Godavari ..	264	4	0	1,302	14	0	203	10	7	1,770	12	7
Kistna ..	229	0	0	2,261	12	8	186	7	0	2,677	3	8
Nellore ..	6	0	0	..	..	..	..	..	..	6	0	0
Chingleput ..	..	..	..	..	..	..	..	..	..	..	..	..
Madras ..	..	..	..	1,775	5	2	..	..	..	1,775	5	2
South Arcot ..	608	1	6	76	14	2	267	9	0	952	8	8
Tanjore ..	401	6	0	2,572	8	0	233	8	7	3,207	6	7
Madura ..	556	10	0	1,060	0	0	39	2	11	1,655	12	11
Tinnevely ..	419	6	0	1,765	0	0	64	11	0	2,249	1	0
Malabar ..	776	8	0	2,650	0	0	274	10	7	3,701	2	7
South Canara ..	751	0	0	790	0	0	61	0	3	1,602	0	3
Total ..	4,679	11	6	16,926	7	5	1,454	5	1	23,060	8	0

APPENDIX C (v-b).

STATEMENT of fees paid during 1892-93.

Districts.	Overtime fees paid to Port Officers and Conservators.			Overtime fees paid to Establishments.			Total.		
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
Ganjam ..	398	12	0	59	2	5	457	14	5
Vizagapatam ..	938	12	0	..	..	..	938	12	0
Godavari ..	472	8	0	203	10	7	676	2	7
Kistna ..	1,116	11	6	167	15	9	1,284	11	3
Nellore ..	..	..	..	..	..	..	..	..	..
Chingleput ..	..	..	..	..	..	..	..	..	..
Madras ..	..	..	..	..	..	..	..	..	..
South Arcot ..	85	11	3	213	11	8	299	6	11
Tanjore ..	1,075	0	0	233	8	7	1,308	8	7
Madura ..	20	0	0	68	10	11	88	10	11
Tinnevely ..	962	8	0	64	11	0	1,027	3	0
Malabar ..	1,368	0	0	299	15	10	1,667	15	10
South Canara ..	420	0	0	71	0	3	491	0	3
Total ..	6,857	14	9	1,382	7	0	8,240	5	9

APPENDIX C (vi).

STATEMENT showing Receipts and Charges of the Marine Funds of the Madras Presidency for 1892-93.

Funds.	Receipts.			Charges.		
	RS.	A.	P.	RS.	A.	P.
<i>Landing and Shipping dues (Act III of 1885).</i>						
Vizagapatam	4,721	13	6	1,996	9	8
Cocanada	44,450	11	4	35,588	0	0
Masulipatam	3,244	9	7	592	15	2
Negapatam	13,847	8	10	2,982	1	2
Mangalore	6,209	14	6	280	8	2
Total	72,474	9	9	41,440	2	2
<i>Pilotage Funds (Act X of 1889).</i>						
Madras	28,665	11	11	1,21,620	1	3
Pamban and Kilakarai	29,585	0	11	36,260	4	9
Cochin	3,731	4	0	2,205	11	4
Mangalore	342	4	0	295	0	0
Total	62,324	4	10	1,60,381	1	4

APPENDIX C (vii).

MADRAS Loan Account.

Districts.	Net loan outstanding, 1st April 1892.	1892-93.			Net loan outstanding on the 31st March 1893.	Remarks.
		Loan to meet the deficit of the year.	Loan to meet interest on previous loan.	Repayment of loan.		
	RS.	RS.	RS.	RS.	RS.	
Ganjam	1,95,400	(a) ..	(a) ..	100	1,95,400	(a) The deficit of the year and interest on previous loan are met by a contribution from Provincial.
Kistna	3,800	2,518	152	100	6,500	
Nellore	100	..	..	3,300	12,100	
Tanjore	15,400	..	..	3,400	2,14,000	
Total	2,14,700	2,518	152	3,400	2,14,000	

APPENDIX C (viii.-e).

Plus and Minus entries to be made in Port Fund Receipts (Act X of 1889) for 1892-93 to arrive at the figures given in Appendix C (i).

Districts.	1	2	3				4	5	6				7	8
			Receipts in one district on account of another.						Adjustments of coasting steamers' dues.					
			Add		Deduct				Add		Deduct			
Total receipts as per monthly accounts sent to Accountant-General.	RS.	A. P.	RS.	A. P.	RS.	A. P.	RS.	A. P.	RS.	A. P.	RS.	A. P.	Net receipts as per Appendix C (i).	
Ganjam	..	25,955 10 3	..	..	..	..	25,955 10 3	14,441 7 4	17,473 2 0	4 5 6	..	..	22,928 5 1	
Vizagapatam	..	19,546 0 0	..	..	..	..	19,546 0 0	23,108 5 10	8,605 8 0	6 10 5	..	..	33,053 8 3	
Godavari	..	26,394 6 4	..	..	..	..	25,994 6 4	12,918 9 0	8,157 0 9	3 14 4	..	..	30,187 12 11	
Kistna	..	8,393 13 4	..	..	..	..	8,014 11 4	9,908 1 7	4,132 2 2	2 15 8	..	..	13,793 10 5	
Nellore	..	1,307 0 1	..	..	..	..	1,307 0 1	..	..	..	..	..	1,307 0 1	
Chingleput	..	527 5 10	..	..	..	..	527 5 10	..	..	..	..	..	527 5 10	
Administration (Madras Port Funds	..	44 10 2	..	..	..	..	1,08,217 0 10	40,430 7 3	40,430 7 3	5 3 5	..	..	1,08,177 4 3	
Sea Customs	..	1,03,237 3 2	..	..	..	..	..	6,594 5 2	4,426 8 0	1 15 8	..	..	14,976 15 9	
South Arcot	..	12,827 2 11	..	..	..	..	19,897 2 11	11,569 8 5	15,326 6 10	3 7 8	..	..	27,632 7 4	
Tanjore	..	32,044 9 3	..	..	..	..	31,355 14 1	1,775 6 8	1,648 8 9	0 8 7	..	..	7,849 14 8	
Madras	..	7,222 8 2	..	..	..	..	7,222 8 2	10,360 4 0	29,912 11 6	3 1 11	..	..	33,975 14 8	
Tinnevely	..	53,625 4 3	..	..	..	..	53,625 4 3	1,30,112 7 3	1,30,112 7 3	32 3 2	..	..	2,93,910 3 3	
Total	..	2,94,969 18 3	1,03,237 3 2	1,03,237 3 2	44 10 2	1,082 7 4	2,93,923 0 1	43,622 7 1	49,016 8 6	10 7 4	45 0 0	2,93,910 3 3	82,371 15 2	
Malabar	..	87,755 9 3	..	..	..	..	87,755 9 3	9,762 8 11	4,368 7 6	2 5 6	..	..	16,880 6 8	
South Canara	..	11,283 16 9	..	..	..	..	11,283 16 9	53,385 0 0	53,385 0 0	12 12 10	..	..	99,052 5 10	
Total	..	99,039 9 0	..	..	..	..	99,039 9 0	1,83,497 7 3	1,83,497 7 3	45 0 0	45 0 0	..	3,92,962 9 1	
Grand Total	..	3,94,000 6 3	1,03,237 3 2	1,03,237 3 2	44 10 2	1,082 7 4	3,92,962 9 1	1,83,497 7 3	1,83,497 7 3	45 0 0	45 0 0	..	3,92,962 9 1	

* Coasting steamers' dues refunded.

REMARKS.—Column 3.—Port dues collections at Madras amounting to Rs. 1,03,237-3-2 accounted for by the Sea Customs Department, Madras, have been adjusted to the credit of "Madras Port Funds."

Column 4.—Coasting Steamer dues refunded during the year have been deducted from the collections of coasting dues in the several districts, in accordance with the rules for the distribution of these dues laid down in G.O., No. 24, Marine, dated 27th January 1890. The sum of Rs. 44-10-2 deducted from "Administration" represents "General Receipts" realised in Madras.

Column 5.—The total of the actuals of coasting steamer dues less refunds of the Eastern and Western group districts (Madras excepted) as shown in column "Deduct" have been distributed according to tonnage as shown in column "Add."

Column 7.—Rs. 44-10-2 "General Receipts" realised in Madras have been taken as a whole sum of Rs. 45 for sake of distribution in proportion to the total tonnage of the districts.

APPENDIX C (viii-b).
 Ports and Miresa entries to be made in Port Fund Charges (Act X of 1889) for 1892-93 to arrive at the figures given in Appendix C (ii).

Districts.	2	3	4		5	6		7		8				
			Other adjustments.			Adjustments on account of general charges.		Adjustments of Lighthouse charges.						
			Add.	Deduct.		Add.	Deduct.	Add.	Deduct.					
Total charges as per monthly interval sent to Government.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.				
General.	8,407	7 5	292	8 0	8,752	15 5	5,728	8 10	10,093	1 11	938	3 2	23,343	15 0
Vizagapatam.	13,872	9 8	478	11 0	20,151	5 0	8,769	0 4	15,450	2 0	3,898	2 5	40,093	6 11
Chennai.	27,198	3 8	880	2 8	27,828	6 3	5,135	9 1	600	2 8	12,544	0 10	28,808	1 7
Madras.	8,712	14 5	741	0 0	9,155	12 5	3,930	4 7	741	0 0	2,891	11 8	16,378	1 7
Chingapat.	3,131	3 0	..	..	3,030	15 5	..	..	..	..	2,683	3 3	47	12 2
Madras Port Fund.	30,119	1 1	59,319	1 1	5,131	2 0	..	..	..	..	5,191	2 0	..	..
South Arcot.	1,39,407	3 10	..	..	2,14,620	0 1	6,869	7 8	55,312	9 2	12,103	5 1	1,49,858	3 5
South Arcot.	9,397	19 3	150	0 0	10,137	10 3	2,607	13 10	155	0 0	4,524	12 7	12,304	1 7
Madras.	15,326	5 5	169	5 2	14,826	16 5	4,889	5 8	169	5 2	8,085	14 11	23,679	7 6
Madras.	8,354	8 3	103	3 7	6,356	11 10	704	4 2	103	3 7	1,240	13 5	6,139	10 8
Madras.	27,358	10 11	357	12 0	27,776	6 11	4,169	10 3	357	12 0	7,240	12 4	29,874	2 6
Total.	3,49,309	12 9	59,795	4 6	3,47,838	4 11	42,444	0 0	58,795	4 4	74,782	0 0	3,31,487	0 7
Madras.	47,238	13 19	487	1 0	46,415	14 10	13,789	0 10	487	1 0	6,013	4 1	63,543	10 11
South Arcot.	16,640	1 3	36	10 8	16,476	11 11	3,985	15 2	36	10 8	1,345	11 11	17,700	4 2
Total.	64,868	15 1	523	11 8	64,892	10 9	16,875	0 0	523	11 8	7,359	0 0	81,243	16 1
Grand Total.	4,13,708	13 10	60,356	14 3	4,12,730	15 8	59,319	0 0	59,319	0 0	82,141	0 0	4,12,730	15 8

* Coasting steamers' dues refunded.

REMARKS.—Column 4.—The sum of Rs. 19,319-1-1 deducted from "Administration" represents charges incurred in the several districts as shown in column "Add" and accounted for by the Accountant-General, Madras.
 Columns 6 and 7.—General and Lighthouse charges incurred in each district have been distributed in accordance with the orders of Government and shown against these districts in columns "Add."

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 1892-93.

	Number of officers.	Number of men.	Total annual cost.	Total annual earnings.
1	2	3	4	5
<i>Madras.</i>				
Port establishment	4	97	45,592	..
Lighthouse establishment	..	5	2,199	..
Divers' establishment	..	2	1,800	..
Marine Police establishment	..	..	4,992	..
Marine dispensary establishment	..	2	2,404	..
Pilotage, Madras	3	26	17,633	28,666
<i>Coast Ports.</i>				
Port Officers and Conservators	16	140	61,480	..
Lighthouses	..	91	17,855	..
Pilotage (Pamban and Kilakarai, Cochin and Mangalore)	..	36	13,592	88,668
Landing and shipping dues (Cocanada, Vizagapatam, Masulipatam, Negapatam and Mangalore)	..	48	6,785	72,475

APPENDIX E.

STATEMENT showing the various Government vessels, &c., under the Madras Government in the year 1892-93.

Detail of vessels.	Tonnage of each vessel and horse-power and engine of a steamer.	Number of officers.	Number of men.	Total annual cost.	Total annual earnings.	Remarks.
1	2	3	4	5	6	7
<i>River-going Vessels.</i>						
Steam Dredge "Priestman's"	..	1	10	4,314	..	..
Do. "Gonnemara"	..	..	11	3,718	..	..
Steam Launch "Empress"	64 tons	..	1	394	..	..
Steam Tug "Godavari"	40 tons, eighty-horse power	..	9	1,684	..	..
Steam Dredge (at Cuddalore)	12 tons, six-horse power	1	5	2,230	..	..
Steam Dredge "Wenlock"	407 tons, forty-five-horse power	2	25	24,050	..	..

APPENDIX F.

STATEMENT showing the changes of Masters endorsed on registers of vessels under Act X of 1841 and the Merchant Shipping Act from 1st April 1892 to 31st March 1893 in the Maritime districts of the Madras Presidency.

Districts.	Number of vessels on the register of which changes of Masters have been endorsed.	Amount of fees.	Remarks.
Madras	2	Rs. 4	
Ganjam	..	..	
Vizagapatam	..	..	
Godavari	11	22	
Kistna	9	18	
Nellore	..	..	
Chingleput	..	..	
South Arcot	9	18	
Tanjore	31	62	
Madura	23	46	
Tinnevely	17	34	
Malabar	16	32	
South Canara	16	32	
Total of 1892-93 ..	184	268	
" 1891-92 ..	198	396	
Decrease ..	64	128	

APPENDIX G.

STATEMENT showing the number of vessels registered under Act X of 1841 from 1st April 1892 to 31st March 1893 in the maritime districts of the Madras Presidency.

Districts.	Total number of vessels.	Total tonnage.	Total amount of fees.
Madras	1	324	Rs. A. P. 15 10 0
Ganjam	..	..	..
Vizagapatam	19	1,585	249 10 0
Godavari	2	51	14 0 0
Kistna	..	..	..
Nellore	..	..	..
Chingleput	..	..	..
South Arcot	..	..	..
Tanjore	8	1,528	220 9 0
Madura	11	1,397	183 14 0
Tinnevely	16	844	137 2 0
Malabar	..	..	..
South Canara	11	874	113 6 0
"	..	..	..
"	..	..	..
"	..	..	..
Total of 1892-93 ..	77	844	101 0 0
" 1891-92 ..	104	7,973	1,144 18 0
" 1891-92 ..	109	4,490	1,004 0 0
Decrease ..	4	2,893	132 14 0

APPENDIX H.

PARTICULARS of changes in the Gazetted Official Staff of the Madras Port Department by absence on leave, on other duty, &c., in the official year 1892-93.

Name.	Designation.	Cause and period of absence.	Acting arrangements.
Commander H. A. Street, R.I.M.	Presidency Port Officer and Registrar of Shipping.	One year's furlough granted in the previous year.	1st to 27th April 1892. Commander Creagh, R.I.M., acting.
Do. ..	Do. ..	On special duty at Calcutta.	22nd January to 16th February 1893. Commander Hewett, R.I.M., acting.
Commander H. B. Simpson, R.I.M.	Deputy Conservator of the Port, Madras.	Furlough to Europe ..	One year from 28th May 1892. Mr. J. P. James acting till 30th June 1892; Commander Hewett acting till 21st January 1893; Mr. H. D. Baddeley acting from 22nd January to 10th February 1893; and Commander Hewett again acting for the subsequent period.
Mr. H. D. Baddeley.	Agent for Government Consignments and Personal Assistant to the Presidency Port Officer.	Continuation of medical leave to Europe granted in the previous year.	Up to 20th October 1893. Mr. J. P. James and Mr. C. S. Johnson, respectively, acting.
Mr. R. Minto ..	Port Officer, Bimlipatam.	Acting as Port Officer at Negapatam.	1st April to 2nd July 1892. Messrs. H. S. Brown and L. F. Lively, respectively, acting.
Do. ..	Do. ..	Acting as Port Officer at Tuticorin.	3rd July to 30th September 1892.
Do. ..	Do. ..	Acting as Port Officer at Pamban.	1st October to 3rd November 1892.
Mr. J. M. Simpson ..	Port Officer, Masulipatam.	Privilege leave ..	Three months from 11th May 1892. Mr. H. S. Brown, acting.
Mr. J. P. James ..	Port Officer, Negapatam.	Leave on private affairs..	Six months from 22nd May 1892.
Do. ..	Do. ..	Acting as Deputy Conservator of the Port of Madras.	22nd May to 3rd July 1892. Mr. R. Minto, acting.
Mr. W. S. Carlyon ..	Port Officer, Pamban.	Acting as Port Officer, Tuticorin.	9th April to 5th July 1892. Sea Customs Superintendent in charge, and Reserve Port Officer, acting, respectively.
Mr. C. S. Johnson ..	Do. ..	On special duty in connection with the Indo-Ceylon cable repairs.	19th February to 8th March 1893. Sea Customs Superintendent in charge.
Mr. T. H. Baker ..	Port Officer, Tuticorin.	Leave on private affairs..	Six months from 1st April 1892. Sea Customs Superintendent in charge and Messrs. Carlyon and Minto, respectively, acting.
Do. ..	Do. ..	On deputation to Calcutta in connection with the building of pearl fishery vessels.	16th February to 14th March 1893. Sea Customs Superintendent in charge.

APPENDIX J.

STATEMENT showing the particulars of Dredging operations at the Port of Cocanada for the official year 1892-93, including the figures of the previous two years.

Particulars.	Previous two years.		1892-93.
	1890-91.	1891-92.	
<i>Priestman's Dredger.</i>			
(a) Days working	195	212	67
(b) Hours dredging	1,500	1,898	421
(c) Barges loaded, giving number of tons each	273 of 59½ tons and 1054 of 29½ tons each.	526 of 59½ tons and 497½ of 29½ tons each.	142 of 59½ tons and 230 of 29½ tons.
(d) Tons dredged	47,520	46,019½	15,265½
(e) Cubic yards dredged	35,200	34,080	11,308
(f) Average outturn per day	243½ tons.	217½ tons.	227½ tons.
(g) Working expenses per ton	Rs. 0-1-6	Rs. 0-1-11	Rs. 0-4-5½
<i>Dredger "Cannemara."</i>			
(a) Days working	121	223	132
(b) Hours dredging	1,022	1,965	1,165
(c) Barges loaded, giving number of tons each	299 of 59½ tons and 242 of 29½ tons each.	523 of 59½ tons and 457 of 29½ tons each.	238 of 59½ tons and 490 of 29½ tons.
(d) Tons dredged	24,948	44,638½	28,719
(e) Cubic yards dredged	18,480	33,068	21,274
(f) Average outturn per day	205½ tons.	200½ tons.	217½ tons.
(g) Working expense per ton	Rs. 0-2-8.	Rs. 0-1-9	Rs. 0-2-1
<i>Dredger "Wenlock."</i>			
(a) Days working	..	..	157
(b) Hours dredging	..	..	HRS. MTS. 1,177 55
(c) Barges loaded, giving number of tons each	..	..	82 loads of 400 tons, 5 loads of 350 tons, 17 loads of 300 tons and 2,631 punts of 30 tons.
(d) Tons dredged	..	..	118,580
(e) Cubic yards dredged	..	..	87,318
(f) Average outturn per day	..	..	765½ tons.
(g) Working expenses per ton	..	..	Rs. 0-2-4½

APPENDIX J (i).

STATEMENT showing the particulars of Dredging operations at the Port of Pamban for the official year 1892-93, including the figures of the previous two years.

Particulars.	Previous two years.		1892-93.
	1890-91.	1891-92.	
<i>Dredger "Wenlock."</i>			
(a) Days working	..	96	34
(b) Hours dredging	..	HRS. MTS. 427 5	160
(c) Barges loaded, giving number of tons each	..	248 loads of 400 tons, 1 load of 200 tons and 1 load of 250 tons.	101 loads of 400 tons.
(d) Tons dredged	..	99,650	40,400
(e) Cubic yards dredged	..	68,277	27,681
(f) Average outturn per day	..	1,038	2,354
(g) Working expenses per ton	..	(a) Rs. 2-4-10	(b) Rs. 0-1-7

(a) Inclusive of cost of dredger.

(b) Exclusive of cost of dredger.

APPENDIX J (ii).

STATEMENT showing the particulars of Dredging operations at the Port of Cuddalore for the official year 1892-93, including the figures of the previous two years.

Particulars.	Previous two years.		1892-93.
	1890-91.	1891-92.	
<i>Cuddalore Dredger.</i>			
(a) Days working			
(b) Hours dredging	89	119	120
Barges	670	884	797
(c) Boats loaded, giving number of tons each	843½ of 4 tons each.	1,696½ of 4 tons each.	1,877 of 4 tons each.
<i>barge</i> <i>boat</i> will hold.			
(d) Tons dredged	3,399	6,787	7,508
(e) Cubic yards dredged	2,517	5,929	5,565
(f) Average outturn per day	38 tons.	57 tons.	45
(g) Working expenses per ton	Rs. 0-5-4	Rs. 0-4-6	Rs. 0-4-6

APPENDIX K.

PARTICULARS of Seamen shipped and discharged at Ports in the Madras Presidency under the various Merchant Shipping Acts in the official year 1892-93.

Name of Port.	Europeans.		Asiatics.		Total.	
	Shipped.	Discharged.	Shipped.	Discharged.	Shipped.	Discharged.
Gopalpur	..	..	..	..	..	..
Cocanada	..	..	..	..	..	..
Madras	..	..	..	..	..	..
Porto Novo	11	42	46	48	46	49
Negapatam	..	..	52	680	52	729
Tuticorin	..	..	131	68	131	68
Cochin	..	..	372	315	372	315
Tellicherry	4	16	25	..	25	..
Mangalore	1	..	10	10	14	..
Total of year under report	17	60	15	9	16	10
Total of previous year	27	58	651	1,132	658	1,192
Increase	..	..	796	1,080	858	1,736
Decrease	10	..	..	..	..	..
	..	..	145	548	155	546

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 1892-93.

Names of ports.	Number of boats serviceable.	Number of boats unserviceable.	Total.
Gopalpur	..	..	..
Calingapatam	78	8	86
Vizagapatam	90	14	104
Bimlipatam	156	25	181
Cocanada	71	81	152
Masulipatam	240	8	248
Cuddalore	44	12	56
Porto Novo	126	13	139
Negapatam	41	10	51
Pamban	114	60	174
Tuticorin	93	17	110
Cochin	58	2	60
Calicut and Beypore	80	..	80
Tellicherry	142	6	148
Cannanore	53	..	53
Mangalore	65	20	85
	95	9	104
Total of 1892-93	1,546	337	1,883
Total of 1891-92	1,392	465	1,857
Increase	..	..	..
Decrease	154	128	26

ENCLOSURES.

ADMINISTRATION REPORT of the Office of Agent for Government Consignments, Madras, for the official year 1892-93.

Mr. H. D. Baddeley, Agent for Government Consignments, was on leave to Europe on medical certificate, from 11th October 1891 to 20th October 1892.

Mr. C. S. Johnson, continued to do duty as Agent for Government Consignments, till the 4th May 1892.

Mr. J. P. James, Port Officer, Negapatam, on his return from leave from England, officiated as Agent for Government Consignments, from the 24th to 30th May 1892.

Mr. C. S. Johnson, resumed charge of the office on the 20th June 1892, and continued to act for Mr. Baddeley, until the arrival of the latter, on the 20th October 1892.

2. The quantities and description of stores landed and shipped during the year under report, as also for two previous years will be found in the accompanying statements.

3. There was a slight decrease in the total quantity of stores landed in the year, as noticed below, which was due to the department being relieved of the landing of Harbour Works stores, the work having been undertaken by the Harbour Trust Board from the commencement of the year:—

	No. of packages.	Tons.
1891-92	103,927	6,800
1892-93	79,846	5,775
Decrease	24,081	1,025

4. The contract for the landing and removal of stores was given out as usual, but at lower rates than those of the previous year.

5. The shipping of stores was carried on departmentally and the total quantity shipped was less than that of last year, the decrease being attributable to the small shipment of telegraph stores:—

	No. of packages.	Tons.
1891-92	35,227	3,883
1892-93	24,248	2,246
Decrease	10,979	1,637

6. The cost of landing stores was As. 14-6 per ton against Rs. 1-0-11 of last year, and that of removal including cart-hire As. 5-5 against As. 7-6 per ton, both showing an appreciable reduction owing to the lower rates at which the contract was taken up.

7. The cost of shipping stores was As. 14-11 per ton against As. 14 of last year. The slight increase in the charge is due to the employment of single boats for very small consignments received and shipped at the last moment.

8. The above rates do not include the cost of establishment.

9. The value of stores short delivered, lost and damaged, amounted to Rs. 1,121, of which the sum of Rs. 1,078-6-3 was recovered from the steamer Agents, and Rs. 42-9-9 from the landing contractor.

10. One drum of carbolic acid (value about Rs. 10 for the Commissariat Department) ex S.S. *Clan Macgregor* was landed empty, and as the same was carried on deck at shippers' risk, no claim was made on the ship.

11. There was no change in the establishment.

MADRAS,
9th August 1893.

(Signed) G. LEVERETT,
Ay. Agent for Govt. Consignments.

APPENDIX I.

STATEMENT showing the quantities of stores landed during the past three official years.

Description.	1892-93.		1891-92.		1890-91.		Remarks.
	Packages.	Tons.	Packages.	Tons.	Packages.	Tons.	
Civil—							
Stamp	1,121	138	2,047	259	1,647	208	Decrease due to less construction works during the year.
Stationery	1,157	283	613	175	611	196	
Telegraph	24,034	921	38,724	1,300	19,211	667	
Police	168	22	134	67	335	17	
Printing	152	9	161	13	84	11	
Jails	16	9	..	..	190	23	
Salt	143	32	256	36	..	..	
Survey	207	8	..	..	1,318	27	
Forest	27	13	3,178	103	1,739	223	
Post Office	857	67	1,135	99	..	..	
Treasury—							
Copper	1,010	..	5,100	..	3,475	..	Increase due to large imports of cartridges, machinery and implements for H. and S. Factory, also to re-arming of Native Regiments.
Silver	282	..	403	..	1,176	..	
Paper Currency	18	..	32	6	8	2	
Military—							
Clothing	2,324	533	1,931	475	1,638	371	
Ordnance	31,926	1,534	16,945	1,006	22,898	1,526	
Commissariat	6,590	638	5,074	463	4,384	464	
Medical	980	607	1,781	642	1,250	468	
Regimental necessaries	343	67	261	45	302	63	
Harbour Trust Board	..	..	5,735	1,075	31,280	6,529	
Port stores	615	72	460	42	270	40	
Public Works Department	6,392	746	19,335	878	5,506	452	
Miscellaneous	1,223	143	1,247	173	427	82	
Secretariat	79	8	51	4	85	9	
Government gardens	313	35	274	39	294	43	
Total	79,846	5,775	103,927	6,800	98,028	11,411	

APPENDIX II.

STATEMENT showing the quantities of stores shipped during the past three official years.

Description.	1892-93.		1891-92.		1890-91.		Remarks.
	Packages.	Tons.	Packages.	Tons.	Packages.	Tons.	
Civil—							
Stamps	928	24	220	23	196	20	Decrease due to small construction works during the year.
Stationery	780	140	691	116	799	196	
Telegraph	4,336	123	8,839	1,359	9,462	47	
Police	977	68	861	66	727	28	
Printing	643	42	512	51	301	21	
Jails	201	23	68	8	71	12	
Salt	723	26	683	41	306	..	
Survey	458	32	..	..	..	3	
Forest	33	4	34	9	31	..	
Post Office	1	1	9	2	..	..	
Treasury—							
Copper	262	..	1,001	50	330	..	
Silver	45	..	411	..	20	..	
Paper Currency	14	..	6	..	10	..	
Military—							
Clothing	1,066	164	1,312	164	1,254	173	
Ordnance	5,677	707	8,656	828	6,564	663	
Commissariat	6,204	581	7,385	814	7,761	295	
Medical	1,614	239	1,353	180	1,552	11	
Regimental necessaries	..	..	37	5	66	32	
Port stores	352	28	398	37	197	52	
Public Works Department	488	22	1,816	43	429	54	
Miscellaneous	273	24	502	84	576	..	
Secretariat	3	..	24	3	25	2	
Government gardens	..	..	..	..	..	..	
Total	24,248	2,246	35,227	3,883	30,676	2,464	

ADMINISTRATION REPORT of the Deputy Conservator of the Port of Madras for the year 1892-93.

The number of vessels entering the port of Madras during the year is shown in the following statement, and, compared with the preceding year, shows a decrease both in number and tonnage:—

	1891-92.		1892-93.	
	Number.	Tonnage.	Number.	Tonnage.
Steam ships, Mercantile	697	1,195,738	629	1,110,987
Sailing ship do.	14	19,736	8	9,576
Do. Native Craft	125	16,213	74	6,724
Men-of-War, Government ships, Transports, &c. ..	16	16,637	20	28,952
Total ..	852	1,248,324	731	1,156,233

The decrease being due, I presume, to stagnation in the shipping trade.

2. The number of vessels which left the port during the year was—

	Number.	Tonnage.
Steam ships	647	1,135,056
Sailing ships	8	9,570
Do. native craft	84	8,203
Total ..	739	1,152,829

3. The revenue amounted to Rs. 1,29,172 against Rs. 1,54,078 for 1891-92, and was made up from the following sources:—

	RS.
Port funds	1,02,363
Salvage	547
Diver services	277
Hire of port raft	845
Boat licenses	613
Shipping office fees and fines	808
Office fees for overtime	1,248
Sale of old Masulah boat	89
Sundries	71
Pilotage and boats' charges connected	1,06,761
Total ..	1,29,172

4. Artificial Harbour.—Shipping work has gone on throughout the whole year without a single day's interruption within the harbour. Two large sailing vessels were berthed within the harbour. The native craft have also availed themselves of the use of the harbour to a great extent. Accretion of sand to the south of the harbour still continues, and unless something is done soon in the way of dredging, No. 1 mooring will be closed to vessels of deep draft.

The harbour was six times full during the year, but no serious detention of vessels outside has occurred; when practical an extra steamer has been moored in the harbour fair way.

The S.S. *Casco* was ordered out of the harbour on the 7th May 1892 to make room for other vessels. Barque *Bernica* (native vessel) dismasted at sea, was brought inside the harbour to refit.

Weather.—The warning signals have only been hoisted once for a few hours during the year on (20th October).

* Note.—3 sailing vessels of 4,391 tons called for orders only.

† Including	28 German.
	19 French.
	23 Austro-Hungarian.
	3 Norwegian.
Total Foreign	73

3057
25

Accidents and Casualties.—No accidents or casualties occurred during the year, nor were any boats damaged. No loss of life has been reported.

Moorings.—All the moorings of the inner buoys were examined and found in condition to bear the strains brought on them. Nos. 1 and 2 will require new chain at the next overhaul in August. A new mooring chain with a two-ton anchor has been placed at the northern Cassimode mooring. Oil moorings were put down for Messrs. Best and Co. in No. 5 berth, the buoys and chain for which were obtained from the Harbour Works and the anchors locally. The buoys have been cleaned and painted red. A new buoy has been placed on the northern side of the entrance and painted black.

Boats.—The same difficulty as in former years has been experienced by the Harbour Masters in boarding vessels during the north-east monsoon: the Board have, however, sanctioned a 37-foot steam cutter, which will be built in the R.I.M. Dockyard, Calcutta. The establishment has worked fairly well during the year and the boats, gear, &c., are in good condition. The Port Masulah boat not being required, was sold.

Port Raft.—The services of the port raft have continually been required; 47 trips were made.

Cargo Boat.—There are 78 lighters registered against 73 for last year, giving an increase of five, while the Masulah boats have fallen to 109 against 129, a decrease of 20.

Time Signal.—The time signal has been altered and now drops at 1 P.M. (Madras mean time): there were 19 failures or irregularities during the year.

Life-saving Apparatus.—Quarterly practice has taken place, and both men and gear are efficient.

Leave.—Commander H. B. Simpson, R.I.M., Deputy Conservator of the Port, availed himself of one year's furlough, granted by the Government of India on May 28th, 1892, and was relieved by Mr. J. P. James, of the Madras Port Service, as a temporary measure pending the arrival of Commander C. W. Hewett, R.I.M., from Bombay; the latter officer took over charge from Mr. James on June 30th.

Mr. H. C. Taylor, Harbour Master, availed himself of 3 months' privilege leave granted him by the Harbour Trust Board on July 18th, 1892.

Commander Hewett, R.I.M., was on 30 days' privilege leave, from 3rd September, granted him by the Madras Government; during his absence the duties of the office were carried on by Mr. C. S. Johnson, Reserve Port Officer, in addition to his own.

Sunday Work.—The Deputy Conservator opened his office for work on 23 Sundays during the year.

Harbour Master.—1,466 vessels have passed through the hands of the Harbour Masters, without accidents, a condition of things which I consider highly creditable to those officers. The duties of Mr. Corfield, Senior Harbour Master, have become too heavy for one man; a boatswain has been sanctioned by the Board to assist him. The new office for the Harbour Masters has been finished and connected with the Telephone Exchange, which is of great convenience to them and the shipping community generally.

Port Diver.—The port diver when unoccupied with the moorings is as busy as in former years salving cargo; his department and gear is efficient.

Shipping Office.—The business of the Shipping office shows a decrease on last year as the figures given below will show: better office accommodation and probably an increase of establishment for this department is required:—

	No.
European seamen engaged	13
" " discharged	29
" " sent to hospital	12
" " " jail	7
Native seamen engaged	52
" " discharged	766
" " sent to hospital	2
" " " jail	1
Distressed seamen sent home	10

The fees and fines collected amounted to Rs. 808.

The usual periodical returns and statements have been sent to the Board of Trade, London, and the Government of Madras as they fell due.

PORT OFFICE,
MADRAS, 8th May 1893.

CHARLES W. HEWETT, Commander, R.I.M.,
Ag. Deputy Conservator of the Port.

ORDER—dated 14th November 1893, No. 394, Marine.

The Presidency Port Officer submits the administration report of the Madras Port Department for the year 1892-93, in which are embodied the reports of the Deputy Conservator of the Port and the Agent for Government Consignments for the same period. The Government is pleased to note that the instructions contained in the opening paragraph of G.O., dated 15th December 1892, No. 462, have received careful attention. The report has been considerably curtailed and unnecessary details have been omitted.

2. The principal action taken during the year under Marine enactments is succinctly stated at the beginning of the report. Of shipping casualties there were 18 as against 22 in the preceding year. No lives were lost. The most important casualty was the total loss by fire of the Swedish barge *Adolf* at Cochin.

3. The statement at page 22 of the report exhibits the number and gross tonnage of the several classes of vessels entering the ports of the Presidency during the year, and the dues paid by them. The following are the figures for the last three years:—

		Number of vessels.	Tonnage.	Dues paid.
<i>Madras.</i>				
1890-91		721	1,070,968	1,02,101
1891-92		815	1,209,800	1,16,922
1892-93		707	1,125,778	1,00,626
<i>All other Ports.</i>				
1890-91		24,834	5,780,248	1,93,974
1891-92		23,635	5,845,892	2,13,728
1892-93		25,025	6,987,491	2,19,144

The figures for Madras exhibit a decrease under all heads, but those for coast ports are higher in all cases.

4. The statement at page 4 of the report gives the value of, and duty on, imports and exports at all ports during the year. The following are the figures for all ports with the exception of Madras for the past three years:—

At all ports with the exception of Madras.	Tonnage.	Value of			Duty on		
		Imports.	Exports.	Total.	Imports.	Exports.	Total.
1890-91		Rs. 5,23,28,167	Rs. 10,84,15,432	Rs. 16,07,43,600	Rs. 60,498	Rs. 4,05,954	Rs. 4,66,452
1891-92		5,74,42,337	10,88,60,976	16,63,03,313	70,288	3,42,940	4,19,228
1892-93		5,98,40,618	11,33,19,265	17,31,59,883	66,954	3,54,706	4,21,660

The increase in the value of imports and exports over the figure for the preceding year amounted to Rs. 78,50,550. There was a slight increase of Rs. 2,432 in the amount of duty paid.

5. The value of the trade of the port of Madras and the duty paid on it during 1892-93 are shown below and compared with the figures of the two preceding years:—

Port of Madras.	Tonnage.	Value of			Duty on		
		Imports.	Exports.	Total.	Imports.	Exports.	Total.
1890-91		Rs. 8,81,34,008	Rs. 11,78,04,730	Rs. 20,59,38,738	Rs. 11,17,441	Rs. 2,825	Rs. 11,20,266
1891-92		8,98,59,592	11,72,86,444	20,71,46,036	11,45,577	183	11,45,760
1892-93		8,94,11,639	11,72,86,444	20,66,98,083	11,34,308	11,311	11,45,619

There was a decline in the amount of the trade of the port. The value of the imports was Rs. 97,78,833 less, but that of the exports was Rs. 68,75,655 more, resulting in a decrease of Rs. 29,03,178. The duty paid was less than that for the previous year by Rs. 22,909.

6. Of the coast ports, Tuticorin again had the largest trade. The total value of its imports and exports was Rs. 2,39,89,826, as against Rs. 2,16,00,640 in the preceding year and Rs. 2,40,98,311 in 1890-91. There was a considerable increase in the trade of Cochin. The value of this was Rs. 2,13,50,340 against Rs. 1,77,39,193 in 1891-92. Of the other coast ports, Cocanada, Calicut, Tellicherry and Mangalore each had trade exceeding 150 lakhs of rupees in value, while that of Negapatam exceeded 123 lakhs.

7. Full details of the passenger traffic at the various ports are afforded in Appendix I to the report. The three ports with the largest numbers are as follows:—

	Passengers sailed.	Passengers arrived.
Pámban	 63,817	36,290
Tuticorin	 51,412	46,024
Negapatam	 46,772	27,752

8. The following statement shows the number of vessels that have been registered under Act X of 1841 during the last three years:—

	No. of vessels.	Tonnage.	Fees.
1890-91	 90	7,770	1,123
1891-92	 100	4,450	1,006
1892-93	 104	7,272	1,145

9. Particulars of the dredging carried out are afforded in Appendix J *et seq.* The dredger *Wenlock* worked for 34 days at Pámban and 157 days at Cocanada. At the former port she removed 40,400 tons of silt and at the latter 118,580. It is satisfactory to learn that the depth of water obtained in the sand-bank channel at Pámban has been maintained and that no difficulty is now experienced by vessels passing through it.

10. The portion of the report dealing with accounts exhibits a satisfactory continuance of the improvement in the condition of the District Funds that has been remarked on in previous similar orders. It appears that the year's transactions resulted in a surplus in every case excepting Ganjam, Vizagapatam, Kistna and Madras. The deficits in the first three funds were due to the unusually heavy share of lighthouse charges which they had to bear. The Vizagapatam Fund had also a debit of Rs. 5,348 on account of a 10-ton crane. These heavy charges it is anticipated will not recur. The payment of a contribution of Rs. 65,000 to the Harbour Trust Board led to the deficit in the case of the Madras Fund, the receipts of which also suffered from the fact that the steamers of the P. & O. and Clan lines did not call at the port as frequently as in former years.

11. The following points will be dealt with in the Financial Department:—

- (1) Provision of a contribution of Rs. 8,255-12-1 from Provincial Funds to the Ganjam Port Fund.
- (2) Transfer to the Harbour Trust Board of Rs. 51,847-5-6 from Madras Port Funds.
- (3) The *plus* and *minus* entries to be made in the District Port Fund accounts as shown in Appendices C (viii-a) and C (viii-b).

12. The general result of the financial transactions of the year will be seen from the following figures:—

	Coast ports, Eastern Group.	Coast ports, Western Group.	Madras.	Grand total.
Opening balance on 1st April 1892 ..	Rs. 84,770	Rs. 2,41,586	Rs. 2,98,940	Rs. 6,25,296
Do. do. 1893 ..	92,649	2,85,394	2,85,847	6,64,890

Negapatam	rs.	33,701	12. Appendix C exhibits the financial transactions of the year under Act III of 1885 at the five ports at which it was in force. In each case there was a substantial surplus and the funds closed the year with the credit balances noted in the margin.
Cocanada	18,439		
Mangalore	5,929		
Vizagapatam	4,941		
Masulipatam	2,717		

13. The appendix referred to in the preceding paragraph also shows the figures for the year of the several Pilotage Funds. Madras, after purchasing Government securities of the value of Rs. 83,900, had still a cash balance of Rs. 6,849. The Cochin Fund had Rs. 18,029, but Pámban and Kilakarai closed the year with a deficit of Rs. 7,313. This was due to charges on account of the dredger *Wenlock*. Orders have, however, issued for restoring financial equilibrium by a grant from Provincial Funds at the end of the current year.

14. The Government is pleased to note from Appendix L that the number of serviceable cargo and other licensed boats at the various ports increased from 1,392 to 1,546 during the year.

15. The report of the Deputy Conservator of the Port of Madras is identical with that submitted to Government with the administration report of the Harbour Trust Board for 1892-93, on which orders were passed in G.O., dated 25th August 1893, No. 310. It appears from it that 731 vessels, with an aggregate tonnage of 1,156,233, called at Madras. As compared with the figures for 1891-92, there was a decrease of 121 vessels and 92,091 tons. The revenue of the port was Rs. 1,29,172 against Rs. 1,54,078 in the preceding year, or a falling off of Rs. 24,906. These matters have been remarked on in the Government order quoted above.

16. There was a decrease of 1,025 tons and 24,081 packages in the stores landed by the Agent for Government Consignments, which is reported to be due to the Harbour Trust Board having undertaken the work of landing stores for the harbour works. The shipments aggregated 2,246 tons against 3,883, or a decrease of 1,637, attributable to the small quantity of telegraph stores despatched from Madras. A considerable reduction in the cost of landing stores was effected.

17. The Presidency Port Officer will, in accordance with G.O., dated 25th March 1890, No. 112, submit a statement, corrected up to 31st March 1893, similar to that embodied in G.O., dated 8th March 1892, No. 237, Financial, for publication in the Fort St. George and Maritime District Gazettes. It should be submitted through the Accountant-General for verification.

(True Extract.)

J. F. PRICE,
Chief Secretary.

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

Editors' Table.

3057
+ 29

Gobt. of {1893} Madras.
MARINE.

No. 3057 Wd/27 Nov/93

Communicated to
Superintending Engineers
concerned for information.
(Signed) O.V.B.

D.W.

Issued

Recd.

Encl.

G.O., 14th Nov. 1893, No. 394.

NOVEMBER.

Madras Port Department.

Reviewing the Administration Report of the —
for the year 1892-93.

Srs. I, II, IV, V & VI Circles.

With order

3057
28

Gobt. of {1893} Madras.
MARINE.

No 3057 Wd/27 Nov/93

Communicated to
Suptg. Engineers concerned
for information.

Issued 10 S.C.

Recd. 22.11.93 Encl

24.11.93

G.O., 14th Nov. 1893, No. 394.

S.S. I. II. III. IV. V. VI. Circulars
L.S.
O.P. 27/11

NOVEMBER.

Madras Port Department.

Reviewing the Administration Report of the —
for the year 1892-93.

2.C. 28.11

INDEXED.

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