(1) பக்கங்களின் எண்ணிக்கை 98

(2) புதுக்கித் திருப்பிய நாள் 3/89

(3) ஆதாரங்குறிப்பவர் கருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

பொதுப் பணி துறை

அரசாணை எண். 886
மு. கோப்புத் தாள் எண்.

அச்சகம்
பலவகை

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நாள் : 17-3-1890 ~~198~~.

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

வணை. கா-1—18,006—15-6-87.

GOVERNMENT OF MADRAS.

MARINE DEPARTMENT.

READ—the following paper:—

From Captain H. A. STREET, Her Majesty's Indian Marine, Presidency Port Officer, to the Chief Secretary to Government, dated Madras, 9th September 1889, No. 519—387-G.

I have the honor to forward herewith, for the information of Government, the Administration Report* of the Madras Port Department for the official year 1888-89.

* Per packet post.

2. Appendix B, being still incomplete for want of the details specified in paragraph 6 of G.O., Marine, No. 115, dated 22nd March 1889, in respect to vessels which visited the ports in Madura and Tinnevelly, is not forwarded, but will be submitted separately on the receipt of the details in question which are daily expected from the Collectors of the respective districts.

ENCLOSURE.

ADMINISTRATION Report of the Madras Port Department for the official year 1888-89.

Official Staff.—During the year under review the following changes were made in the Port establishment at Madras, viz.:—

Mr. Thomas Edward Marshall, Assistant Port Officer, and Mr. William Henry Bartlett, Examiner of Port Fund Accounts, were respectively retired; the former was succeeded as "Executive officer of the port" by Captain Harry Browne Simpson, Her Majesty's Indian Marine, and the designation "Assistant Port Officer" was changed to "Deputy Conservator;" the post of Examiner of Port Fund Accounts was abolished on the retirement of Mr. Bartlett; the designation of the "Madras Port Officer" was changed to "Presidency Port Officer;" the appointment of a Personal Assistant to the Presidency Port Officer was sanctioned, the duties of the post to be performed by the Agent for Government Consignments in addition to his own on a consolidated salary; this appointment was conferred on Mr. Charles Heathcote Rowland, Agent for Government Consignments, who shortly afterwards retired and was succeeded by Mr. Henry Daniel Baddeley, Port Officer of Gopálpur, who had been selected to relieve him; the appointment of a "Reserve Port Officer" was created in order that an officer of experience might be available to carry on the duties of Port Officer at an out-port during the absence on leave or otherwise of the permanent incumbent. For further details and for particulars of temporary changes in the staff at the out-ports by leave of absence, &c., see Appendix H.

In addition to the changes above specified the establishment of the Presidency Port Officer was reorganized on a reduced scale.

Marine Acts.—Two Marine Acts were passed in the year, viz., Act XVII of 1888 (an Act to amend the Indian Marine Act, 1887), and Act X of 1889 (an Act to consolidate and amend the law relating to Ports and Port charges). The latter enactment was not brought into force till the first day of the ensuing official year.

Act XII of 1875.—Under section 6, new limits were defined for the port of Malpe in the district of South Canara in supersession of those fixed by notification of 28th June 1881.

The operation of the Ports Act was withdrawn from the ports of Ganjam and Bapanapadu in the district of Ganjam, and its provisions extended to the port of Karedu in the district of Nellore by Act X of 1889. Proposals respecting port limits of Karedu and alteration of the present northern limit of the port of Pákala in the Nellore district were submitted to Government, but final orders were not passed within the year.

Under section 46 of Act XII of 1875, the highest rate of port dues leviable at the outports on sea-going vessels other than coasting steamers was fixed at 2 annas a ton, and that on coasting steamers at 3 annas a ton, and at Madras the rate of port dues on vessels entering that port was reduced from 6 annas to 4½ annas a ton, half such rate being charged in the case of vessels employed in the coasting trade not being steamers.

Under sections 8 and 47 of the Act the Madras Harbour Trust Board were appointed to be Conservator of the Port of Madras and to keep the accounts of the Port Fund of that port. The conservancy duties and establishment were accordingly taken over by the Board on the 1st July 1888.

The port of Sundarapandyapatnam was transferred from the district of Tanjore to the district of Madura.

Act VII of 1880.—Under section 73, the Harbour Trust Board at Madras and all Magistrates in charge of sub-divisions of Maritime districts were formally appointed to be the officers discharging the duties of "Receiver of Wrecks."

Act V of 1883.—Under section 6 (1) the Conservator of the Port of Madras and the Port Officers or Port Conservators at the outports, as the case may be, were appointed to submit to Government, through the Presidency Port Officer, reports of casualties to shipping.

Act I of 1859.—Under section 3, the Harbour Trust Board were appointed Shipping Master and the Executive officer (Deputy Conservator) appointed Deputy Shipping Master for the port of Madras.

Act X of 1887.—Under section 54, the Executive officer (Deputy Conservator) of the port of Madras was appointed to exercise and perform the powers and duties conferred and imposed by sections 7, 8, 17, 19 and 37, and generally to carry out the provisions of the Act at that port.

Madras Act V of 1863 *and VII of* 1871.—The pier at Gopálpur having been completed, the provisions of these Acts were extended to it, and sanction accorded for the levy of pier tolls according to schedule.

Madras Act III of 1885—was brought into force at the ports of Gopálpur and Negapatam, and the levy of landing and shipping fees according to schedule was sanctioned; but at the latter port these fees were not commenced to be levied till the first day of the ensuing official year.

Examination for Certificates of Competency as Master and Mate—was discontinued at the port of Madras, and intending candidates were warned to make their own arrangements for being examined at Bombay or Calcutta.

Service Books.—The orders of Government in regard to the due and correct maintenance of service books of Government employés were carefully attended to in the Port department.

Cyclone Code.—This code was revised and the revised code sanctioned.

Storm-warning System.—The regulations noticed in the last year's report in regard to the communicating of storm-warning signals to ships by means of certain signals, were supplemented by the adoption of certain additional signals to signify the intensity, direction, &c., of a storm.

Life-saving Apparatus.—Proposals were submitted to Government during the year for the enrolment of volunteer companies for exercising with the rocket or life-saving apparatus and for working the apparatus on actual occasions of a wreck, the members of such volunteer companies being allowed certain remuneration for such services. Immediately after the close of the year the scheme was sanctioned as an experimental measure at Madras, Gopálpur, Vizagapatam and Bimlipatam, and the apparatus supplied to Mangalore, Calicut, Pámban and Negapatam was withdrawn, as it was found to be impossible to use it with any good effect in the event of a wreck at any of these ports.

Wrecks and Casualties.—Under this head there were 27 cases in the year, classified as follows, namely, strandings 10, foundering 1, collisions 2, and miscellaneous 14. Touching the casualties to the British ship "Volga" and S.S. "Bhundara" Marine Courts of inquiry were held. Loss of life occurred in two instances, namely, 5 passengers killed on board the S.S. "Bhundara" off Madras by the heavy rolling of the vessel during a cyclone and 5 of the crew of the S.S. "Clan Mackintosh" killed by suffocation from carbonic acid gas in the ship's lower store-room, while descending it to rescue others who were reported to have fallen down. Particulars in detail of the several casualties are contained in Appendix A.

Weather.—A very severe storm passed over Madras on the 31st October 1888, which after forming in the Bay travelled in a westerly direction from 8 A.M. on the aforesaid date, and passing over Madras deviated to the north-west till it had passed Cuddapah, and then changed its direction towards Mangalore and thence northward along the western coast. All necessary precautions, as laid down in the storm-warning regulations, were promptly taken. The vessels in the Harbour put to sea, but one of them, the S.S. "Bhundara," was caught in the storm when it was blowing with hurricane force, and was disabled and otherwise damaged. There were about 600 coolies on board of this vessel, of whom 5 died during the storm (as already noticed) and 15 suffered bodily injuries more or less severe. The effects of this cyclone were felt also some distance to the northward and southward of Madras, slight damages to property having been reported at the Pulicat and Seven Pagodas lighthouses.

On the 14th December 1888, another severe cyclone passed over Negapatam, the centre of it striking the coast a few miles to the southward of that port. The steamers "Tiverton," "Olympia" and "M. Menatchy," which were in port, put to sea, and all three vessels sustained more or less damage from the effects of the cyclone, but no lives were lost. The effects of this cyclone were felt also to some extent at Madras, where a number of lighters were damaged by the heavy sea caused thereby.

Meteorological.—A Meteorological observatory was established in the Presidency Port Office by the Meteorological reporter to the Government of India with the sanction of that Government, and from 7th January 1889, inclusive, observations are recorded and telegraphed daily to the Meteorological Reporters at Calcutta and Bombay.

Passenger Traffic.—For full details of passenger traffic during the year under notice—see Appendix I. The form laid down in G.O., No. 1006, Public Department, dated 22nd October 1888, has been adhered to in the preparation of this appendix, but in a few instances it has been found impracticable to obtain certain particulars in exact compliance with the form. The form in question having now been adopted at all the ports, this difficulty is not likely to occur again.

Navigation and Trade.—Full particulars of the navigation and trade of each outport in the Presidency are given in Appendix B. The following statement exhibits the number of vessels, their tonnage and the dues collected thereon in the whole Presidency, the port of Madras excepted:—

—	Vessels.	Numbers.	Tonnage.	Dues.
				Rs.
Outports	British	3,200	4,221,816	1,37,272
	Foreign	689	38,325	3,164
	Native	29,596	1,110,412	27,174
	Total ..	33,485	5,370,553	1,67,610

The British vessels which entered the outports were 3,200 in number and of 4,221,816 tons burden, or an average of 1,319 tons paying port dues at the rate of 6 pies per ton, and the principal ports visited were Cocanada 304 vessels, Negapatam 289, Cochin 261, Bimlipatam 245, Pámban 244, Vizagapatam 218, Masulipatam 207, Tellicherry 195, Calicut 183, Tuticorin 178, Cannanore 155, Gopálpur 149, Calingapatam 126, Cuddalore 116, and Mangalore 108. The foreign vessels as in the previous year were principally a few Arab vessels, and small native craft from the Goa, Kattywar, Cutch, &c., coasts, which frequented the ports in Malabar and South Canara, and many of the latter being under 15 tons actual burden, were not liable to port dues. The ports at which the largest number touched were Bárkúr 282 vessels, Mangalore 187 and Calicut 102. The average burden of these vessels was 55 tons, and they paid very nearly 16 pies per ton in port dues. The average burden of native craft was 35 tons and the dues paid amounted to 4 pies per ton. It would thus appear that the actual rates of port dues paid averaged from 4 to 16 pies per ton. Compared with the past year's figures there is an increase both in the number and in the tonnage of the vessels that called this year, but a decrease in the amount of dues realized, which is ascribable to the reduction in the rate of port dues generally from 1st June 1888, and, in the case of foreign vessels, to the fact also that many of them were vessels from ports in Portuguese India and territories of Native Princes, under 15 tons actual burden and were thus not liable to port dues as already remarked.

Particulars of the trade, &c., of the Port of Madras have not been noticed here, as the matter should now form part of the annual report of the Harbour Trust Board, but details of tonnage, dues, &c., appear in Appendix B.

Trade.—The subjoined statement exhibits the value of, and duty on, the imports and exports of the whole of the outports of the Madras Presidency for the official years 1887-88 and 1888-89, and of the principal outports for the year under review, exclusive of Government stores and treasure and private treasure. This statement has been compiled from the Board of Revenue's Volume of Seaborne Trade and Navigation for 1888-89 as directed in G.O., Marine, No. 115, of 22nd March 1889:—

Ports.	Value of Trade.		Tons.	Duty on			Total.	
	Imports.	Exports.		Imports.	Exports.			
	Rs.	Rs.		Rs. A. P.	Rs. A. P.		Rs.	A. P.
Total of all outports for 1887-88 ..	66,356 10 5	4,22,644 11 2	5,386,879	6,31,02,084 0 0			4,88,998	5 7
Do. do. for 1888-89 ..	64,298 10 4	4,60,769 10 4	5,370,663	7,38,31,714 0 0			5,25,068	4 8
Tuticorin	9,138 15 3	15,127 10 4	305,616	40,36,320 0 0			24,316	9 8
Tellicherry	5,472 1 11		328,830	44,63,205 0 0			5,472	1 11
Cocanada	2,317 11 4	46,165 12 1	488,963	28,19,289 0 0			48,483	7 5
Cochin	19,321 8 6	115 2 9	409,512	49,13,948 0 0			19,436	10 6
Calicut	18,357 0 5	487 3 5	466,224	35,43,057 0 0			18,844	3 10
Mangalore	4,294 3 11	1,816 0 2	184,112	30,32,173 0 0			6,080	4 1
Negapatam	1,196 7 1	1,78,312 10 7	482,797	44,94,049 0 0			1,79,509	1 8
Bimlipatam	669 14 10		277,628	19,19,560 0 0			669	14 10
Cuddalore		7,975 5 6	186,172	8,47,568 0 0			7,975	5 6
Masulipatam	196 11 5	26,100 9 7	239,716	12,40,683 0 0			26,297	5 0
Cannanore	..	.. 6 10 0	270,961	20,53,884 0 0			..	120 1 2
Beypore	114 7 2		67,209	24,28,679 0 0			1,498	2 10
Vizagapatam	1,498 2 10	..	236,880	8,15,375 0 0			1,612	7 3
Gopalpur	1,424 15 3	187 8 0	208,055	2,29,889 0 0			..	..
Badagara	.. 7 4 7	..	105,141	5,97,789 0 0			7	4 7
Malpe	..	24,279 1 2	15,908	4,73,220 0 0			24,279	1 2
Porto Novo	..	.. 6 0 0	65,957	1,89,097 0 0			..	..
Pondi	223 10 6		46,483	2,56,752 0 0			229	10 6
Kulasekharapatnam ..	7 15 6	..	26,117	4,01,442 0 0			7	15 6
Baricur	.. 8 13 4	3,073 2 6	11,602	1,23,129 0 0			3,073	2 6
Kundapur	48 0 0	..	18,581	1,89,795 0 0			8	13 4
Calingapatam		..	130,170	2,47,393 0 0			..	723 9 0
Pamban		..	66,606	2,68,656 0 0			723	
Tiruvadavasal		..	24,468	26,433 0 0			..	..
Mutupet		..	9,558	10,739 0 0			..	..
Adirampatnam		..	15,525	80,653 0 0			..	..
Qonjandi		..	15,603	1,04,069 0 0			..	..
Kalbi		..	15,632	1,86,681 0 0			..	..
Moulki		..	6,844	74,227 0 0			..	..
Kottapatam		..	1,525	19,046 0 0			..	..
Kolipalam		..	15,129	95,416 0 0			..	..
Kilakarai		..	27,064	1,77,762 0 0			..	..
Tondi	6 10 0	1,975 10 3	26,443	1,97,747 0 0			1,981	4 3
Kasaragod			4,970	1,07,295 0 0			..	..
Tranquebar			3,463	1,200 0 0			..	..
Thopputhorey			6,692	32,652 0 0			..	..
Kottaipatam			7,190	17,179 0 0			..	..
Amuttpatam			5,167	6,514 0 0			..	..
Nagore			4,904	28,801 0 0			..	..
Nizampatam			911	5,284 0 0			..	..
Tyuropolem			1,035	3,774 0 0			..	..
All other ports with an aggregate trade of less than two lakhs each			..	3,14,551 0 0			11,344	4 7
Total of subordinate ports not included in the above .	65 13 0	13,763 4 0	..	3,99,15,937 0 0			13,818	1 0

Port Funds.—The revision of the receipts and charges of the Port department of this Presidency for the official year 1888-89 on the lines laid down in G.O., No. 15, Marine, dated 17th January 1888, will be taken in hand on the accounts of the official year being finally closed by the Accountant-General which will be on the 10th instant. Appendix C exhibiting particulars of receipts and charges and the financial position of each port grouped in districts will then be submitted, as under orders of Government absolute agreement should be secured between the balances shown in it and those shown in the Accountant-General's books. Together with this statement it is intended to submit to Government a statement showing the financial position of each district group fund taking into account the live and dead stock at their respective ports. For special receipts and charges other than those under the Ports Act—see Appendix J, which will be submitted with Appendix C.

MADRAS.

Tidal Observatory.—Worked satisfactorily throughout the year and was inspected in June 1888 by Mr. Belcham and in February 1889 by Colonel Rogers, R.E., of the Survey department, Poona.

OUTPORTS.

Gopálpur.—The value of both exports and imports fell off considerably, the former by 5¼ lakhs and the latter by ¾ lakh. This is accounted for by several poor seasons winding up with a bad harvest last year. Rice which used to be exported largely to ports on the Western Coast and Ceylon had, owing to failure of crops, to be imported from Cocanada and Bengal. There were 66 serviceable boats, being 4 less than in the preceding year, and though several boatowners and boatmen have gone over to Burma for employment, this number is considered sufficient for present requirements. The port, flagstaff and boundary pillars were repaired and are now in good order; and the general port arrangements appear to be satisfactory. From 1st June 1888, tolls were levied on goods, &c., passing over the new iron pier at this port, and from 1st September following, shipping and landing fees were levied under Madras Act III of 1885. The pier, however, proved a failure as a means of facilitating landing and shipping operations, and, not long after the close of the year under review, the levy of shipping and landing fees had to be discontinued, and the question of dismantling the structure to be taken into consideration. Passenger traffic increased by 1,017 in the number outward bound, as compared with the figures of the past year. How many of these passengers returned to their homes cannot be known, as steamers do not call at the port on the return voyage, and passengers returning have to land at one or other of the ports to the southward of Gopálpur.

Bimlipatam.—There was an improvement both in the export and import trade. 60 boats were in serviceable condition. The flagstaff, boundary pillars and marine buildings are in good condition, and the general port arrangements in a satisfactory state.

Vizagapatam.—The value of exports increased by nearly one lakh in consequence of larger shipments of jaggery this year, and that of imports increased by over two lakhs owing to large quantities of food-grain imported, which induced a greater number of the country or native craft to call at the port this year. Passenger traffic between this port and Burma increased also. The number of serviceable boats was 150. The flagstaff is in good condition, and the port arrangements are improving.

Cocanada.—There was an increase of over a lakh in the value of the export trade, but a corresponding decrease in the import trade. 6,703 passengers embarked and 9,400 landed at this port during the year. The Priestman's dredger worked 184 days and excavated 27·104 cubic yards of silt, and the working of the machinery was satisfactory. The marine buildings, sheers, buoys and beacons have been well looked after, and the general port arrangements are on the whole very satisfactory. The Tidal observatory at this port worked satisfactorily. The number of serviceable boats was 138.

Masulipatam.—The import trade fell slightly owing to less demand for piece-goods and Pegu wood, but there was an increase in the export trade due to larger shipments of castor seed and cotton this year. The flagstaff and marine buildings have been kept in good condition. The number of serviceable boats was 35, including five pinnaces. A goods shed for storing cargo was in course of construction, the cost being met by the Revenue department.

Porto Novo.—The value of the export trade decreased by nearly two lakhs, while in imports there was a small increase as compared with the figures of the past year. There was a small decrease in the number of passengers inward and outward bound. The flagstaff, boundary pillars and marine buildings are in fairly good condition. The number of serviceable boats was 37.

Cuddalore.—There was a marked improvement in the trade of this port, the value of exports having been nearly 7 lakhs, and that of imports a little over one lakh in excess of the past year's figures. Passenger traffic was *nil*. Boundary pillars were repaired. The flagstaff and marine buildings are in good condition. Serviceable boats were 30 in number.

Tranquebar.—The trade of this port is greatly on the decline. The customs duties on imports and exports fell off considerably, while the port dues collected in the year amounted to but Rs. 153-2-0. There were 27 serviceable boats at this port.

Negapatam.—There was a decrease of over one lakh in the value of the export trade, which is attributed to a falling off in the shipments of country produce to other ports both in this

Presidency and beyond it, but there was a corresponding increase in the value of the import trade due to larger arrivals of Railway materials. The usual difficulty was experienced by boats entering and leaving the backwater through the changes which take place from time to time during each season in the direction of the channel leading over the bar. The Bruce dredger was thoroughly overhauled and her machinery put to rights, and the apparatus worked as frequently as possible. Inside the river 13,599 tons of soil were removed in the year by dredging, and cargo boats were thus enabled for a time to get close in to the jetty to load and discharge. The extension of the jetty wall was commenced. Tidal observations having been taken at this port for a sufficiently long period, the instruments belonging to the observatory were removed by order of the officer in charge of Tidal and Levelling operations to Tuticorin for use there. The marine buildings were in good condition, and certain improvements to the Port office were in course of progress at the end of the year. There were 151 serviceable boats—a number which is considered sufficient for the present requirements of the port. Passenger and cattle traffic was very brisk in the year, 35,200 passengers embarked from and 19,944 landed at this port during the year.

Pámban.—One thousand three hundred and fifty-six vessels, aggregating 149,750 tons, passed through the channel (including 26 steamers of 6,484 tons total burden). The Government share of pilotage fees levied amounted to Rs. 13,027-14-11, showing an increase of Rs. 505-2-7 over last year's collections. Passenger traffic with Ceylon was brisk as in the past year. The flagstaff, buoys and channel marks were all in good condition. The number of licensed boats in serviceable condition was 100.

Tuticorin.—The trade of the port did not show much improvement this year. In cotton shipments there was a slight increase, but the shipment of jaggery fell off very considerably, the quantity exported being 69,991 cwts., against 332,637 cwts. last year; the decrease is attributed to large stocks being held in England. In Sea Customs revenue there was a slight increase. In port dues collections there was a falling off, and likewise in the receipts in pier tolls. There were one steam launch belonging to the Agents of the British India Steam Navigation Company, two schooner-rigged coppered boats and sixty-six dhonies plying at this port. The marine buildings were all in good condition.

Cochin.—The trade of this port was fair. The value of exports exceeded the past year's by 12½ lakhs, but in imports there was a decrease. The pilotage collections were larger than last year's and amounted to Rs. 3,067-14-0. There were 115 boats in serviceable condition. A country craft in the inner harbour caught fire through some cause, which has not been discovered, and the vessel breaking adrift from her moorings drifted past the different jetties, which caught fire and the flames soon extended to the buildings on the foreshore, causing a considerable loss of valuable property. The flagstaff was repaired and the port buildings and bar buoys were kept in good condition. The Tidal observatory worked satisfactorily, and was inspected by Colonel Rogers, the officer in charge of Tidal and Levelling operations.

Calicut.—In the value of exports there was an increase of nearly 27 lakhs, while in that of imports there was a decrease of a little over 11 lakhs. There was a small falling off in the port dues collections due to the reduction in the rate of dues. The port buildings, flagstaff and beacons were kept in order, and the buoys maintained in position throughout the year. The number of boats in serviceable condition amounted to 34 large cargo boats and 75 canoes. 36 Military officers, 1,628 rank and file, 61 women, 105 children and 98 followers belonging to the troops were landed and embarked in the year at this port.

Tellicherry.—The trade of this port continued to improve. In the number of vessels which called here there was an increase of 137 of the aggregate burden of 7,868 tons as compared with the past year, and a corresponding increase in the port dues receipts. There was also an increase in the value of exports and imports due to larger shipments this year to Europe of coffee, pepper, cardamom, &c., and larger arrivals of coffee, pepper and rice from other ports and of Europe liquor, &c., from Bombay and Colombo. The topmast of the flagstaff having given way, arrangements were made with the Public Works Department for renewing the flagstaff, but the work could not be taken in hand till after the end of the year, and pending the same, a temporary staff was put up. There were 56 boats in serviceable condition at this port.

Cannanore.—The export trade showed an improvement in value to the extent of nearly two lakhs, but there was a corresponding decrease in the value of imports. The flagstaff and boat jetty at this port were repaired. The number of serviceable boats was 59.

Mangalore.—There was no material change in the general condition of the harbour, and the vessels which resorted to it entered by the Ullal mouth, the Goorpoor entrance being entirely closed. The backwater continued to be navigable only by the smaller class of country craft; the portion between the marine yard and the Custom-house has considerably silted up, and measures for meeting the difficulty thus caused to shipping and landing operations are under consideration. The flagstaff and beacons were repaired. The number of serviceable licensed boats amounted to 105. Improvements to the port office buildings were in progress at the close of the year. There was a material increase to the extent of some 16 lakhs in the value of the export trade of this port, while in the import trade there was a slight falling off.

Summary.—The statistics for the year 1888-89, compared with the figures of the past year, show an improvement in the number and tonnage of vessels which visited the outports in the Madras Presidency, but a falling off in the amount of port dues realised. The returns of the two years are as under:—

—	Number of vessels.	Tonnage.	Dues.
			Rs.
1887-88	35,900	5,368,879	1,89,699
1888-89	33,485	5,370,553	1,67,610

The vessels that arrived at the outports in 1888-89 were—British 3,200, Foreign 689 and Native 29,596. The total amount of port dues realised in the year at the outports was Rs. 22,089 less than the previous year's receipts. This decrease in dues must be attributed to the reduction of port dues generally from 1st June 1888.

The payments of port dues at the outports averaged from 4 to 16 pies per ton.

The largest passenger traffic was carried on at Cocanada and Negapatam. From the former port 6,703 passengers embarked and 9,400 landed there in the year, while the number that embarked from and landed at the latter port was 35,200 and 19,944, respectively.

Tuticorin, Tellicherry, Cocanada, Cochin, Calicut, Mangalore and Negapatam carried on a brisk trade.

A cyclone passed over Madras on the 31st October 1888, which was attended with a loss of 5 lives (passengers) and bodily injuries to other passengers on board the S.S. "Bhundara," besides damage to the vessel. Another cyclone passed over Negapatam on the 14th December 1888, causing damages to the Steamers "Tiverton," "Olympia" and "M. Meanatchy." A number of lighters at Madras were damaged from the heavy seas caused by the effects of this cyclone.

The number of casualties to shipping was less than in the past year, viz., strandings 10, foundering 1, collisions 2, and miscellaneous 14. Two of these were attended with loss of life, viz., 5 passengers on board the S.S. "Bhundara" (already noticed) and of 5 of the crew of the Steamer "Clan Mackintosh."

Two Marine Acts were passed, viz., the Indian Marine Act XVII of 1888 and the Indian Ports Act X of 1889. The latter enactment was brought into force from 1st April 1889.

MADRAS, *9th September* 1889. (Signed) H. A. STREET, Captain, H. M.'s I.M., *Presidency Port Officer.*

Read—also the following papers from the same officer:—

Nos. 519—482-G. and 519—479-G., dated 25th October 1889, forwarding statements of Navigation and Trade in connection with the Administration Report for 1888-89.

No. 519—491-G., dated 4th November 1889, forwarding Appendix B to the Administration Report.

Reference, dated 25th November 1889.

With reference to his endorsement No. 519—491-G, dated 4th November 1889, the Presidency Port Officer is requested to furnish statistics relating to the Port of Madras, including Pilotage, for 1888-89, as the same have not been included in the administration report of the Harbour Trust Board.

(Signed) W. S. MEYER,
Under Secretary.

To the Presidency Port Officer.

From Captain H. A. STREET, H.M.'s I. M., Presidency Port Officer, to the Chief Secretary to Government, dated Madras, 4th December 1889, No. 519—526-G.

I have the honor to forward herewith the statistics called for in Marine Department Reference, dated 25th November 1889, on Current No. 1137.

ENCLOSURES.

Navigation and Trade.—The following statement exhibits the number of vessels, their tonnage, and the dues collected thereon at the Port of Madras, according to the figures furnished by the Collector of Sea Customs:—

Vessels.		Number.	Tonnage.	Dues.
				RS.
Madras ..	British	474	815,067	1,12,711
	Foreign	56	66,269	3,996
	Native	81	9,642	1,016
	Total ..	611	890,978	1,17,723

The total number of vessels which visited the port of Madras, it would appear, was 611, of which 474 were British of 815,067 tons burden; 56 foreign of 66,269 tons burden; and 81 native of 9,642 tons burden. The first class of vessels paid Rs. 1,12,711 in port dues, or at the rate of 2 annas and 2 pies per ton; the second paid Rs. 3,996, or at the rate of 11 pies per ton; and the third paid Rs. 1,016, or at the rate of 1 anna and 2 pies per ton. The actual rate of port dues paid averaged thus from 11 to 26 pies per ton. Compared with the figures of the past year, there has been a decrease in the number and tonnage of British and Foreign vessels, and in the amount of port dues realized therefrom, which is owing to the P. and O. steamers having ceased to call regularly and to the reduction in the rate of port dues from 1st June 1888. This alteration in the rate of port dues, which in the case of native coasting vessels was an increase, appears to have almost driven away this class of vessels from the port of Madras, as hitherto they paid 1½ annas a ton; but from 1st June 1888 they had to pay 2½ annas a ton; for it will be seen that while in the number and tonnage of this class of vessels which visited Madras during the year under review there has been a very considerable falling off, the dues realized therefrom amounted to more than the collections of the previous year.

Trade.—The subjoined statement exhibits the value of, and duty on, the imports and exports of the port of Madras for the official years 1887-88 and 1888-89, exclusive of Government stores and treasure and private treasure:—

Year.	Tons.	Value of			Duty on		
		Imports.	Exports.	Total.	Imports.	Exports.	Total.
Madras.		RS.	RS.	RS.	RS. A. P.	RS. A. P.	RS. A. P.
1887-88	942,834	5,63,34,062	4,85,38,735	10,48,72,797	9,85,100 12 6	3,082 5 8	9,88,183 2 2
1888-89	890,978	6,13,58,111	4,80,84,853	10,94,42,964	10,77,889 2 2	10,056 1 1	10,87,945 3 3

Addendum to "Summary."

The vessels that arrived at Madras in 1888-89 were British 474, Foreign 56, and Native 81. The number of Native Coasting vessels that entered the port of Madras diminished by 125, owing apparently to the higher rate of port dues imposed on this class of vessels from 1st June 1888 by the reduced rate of dues sanctioned to be levied at Madras from that date.

The port dues paid at Madras averaged from 11 to 26 pies per ton.

STATEMENT showing Receipts and Charges of Pilotage at the Port of Madras for the official year 1888-89.

—	Receipts.	Charges.	Remarks.
	RS.	RS. A. P.	
April 1888	2,254 0 0	753 4 0	Transactions by Government.
May ,, ...	1,875 0 0	762 10 0	
June ,, ...	2,567 8 0	754 8 0	
July ,, ...	1,591 0 0	751 8 0	
August ,, ...		113 15 11	Transactions by the Harbour Trust Board.
September ,, ...	2,858 0 0	929 9 1	
October ,, ...	2,185 4 0	1,213 5 3	
November ,, ...	2,304 0 0	1,025 5 2	
December ,, ...	2,073 12 6	2,199 5 6	
January 1889	1,994 12 0	3,204 3 2	
February ,, ...	2,978 4 0	167 10 3	
March ,, ...	2,282 0 0	2,139 4 6	
	2,695 8 0	2,065 2 10	
	27,660 0 6	16,072 11 8	
Balance on 31st March 1889 ..	+ 11,587 4 4		

APPENDIX A.

STATEMENT of Wrecks and Casualties which have occurred, or have been reported, at Ports in the Madras Presidency during the official year 1888-89.

Date.	Name of Vessel.	Tonnage.	Summary of particulars furnished by the Reporting officer.	Finding of the Court of Inquiry.
1888.	*Stranding.*			
14th Mar.	Native Brig "Meenatchy Sundrum." Master—Meera Sahib.	134	While trying to shift direction of the brig off False Point Divi, wind drove her aground. No loss to property or life.	
	Stranding.			
13th April.	British Schooner "Mahomed Malim Abdul Caudria." Master—Shaik Abdul Cader.	68	While loading cargo off the town of Kulasekhurapatnam, heavy squalls from the east with high sea set in, causing her to part from anchor and go ashore. She was hauled off the following day. No lives lost. Partial loss to the Schooner—Rs. 1,300, and to cargo, Rs. 300.	
	Miscellaneous.			
13th ,,	Portuguese Pattimar "Pavon." Master—Balaganoo.	34½	Through stress of weather lost two anchors with cable off Byndur Head, South Canara, and sprung a leak. No lives lost. Partial loss to vessel—Rs. 90, and to cargo, Rs. 120.	
	Collision.			
1st May.	British Schooner "Subramonia Puravy." Master—Ossain Pillai.	82¼	Being in port tack neglected to give way to the Schooner "Virgin Maria Joseph St. Ann" approaching on the starboard tack off Pinnacoil, Gulf of Manaar. When too late to avoid collision both vessels were thrown in stays and gathering stern way fell alongside. No lives lost. Loss to vessel about Rs. 600.	
	Collision.			
1st ,,	British Schooner "Virgin Maria Joseph St. Ann." Master—Visvassum.	83½	Collided with Schooner "Subramonia Puravy" off Pinnacoil, Gulf of Manaar. No lives lost; loss to vessel, Rs. 100.	
	Miscellaneous.			
11th ,,	Native Ganga "Daria Dowlat." Master—Joseph.	72 43/100	Sprung a leak owing to violent rolling and pitching while being caught in a squall off Mount Dilly and had her main mast split at the bottom. No lives lost; loss to cargo, Rs. 2,300.	
	Miscellaneous.			
21st ,,	German Brig "Clara"	271	Having experienced bad weather off Andaman Islands, while on her way from Cocanada to Réunion, sprung a leak. Partial loss to ship—Rs. 12,000, and to cargo, Rs. 4,000.	
	Stranding.			
28th ,,	British Steamer "Hugenden." Master—David Bews.	1,153	After getting under weigh to go out of the Madras Harbour, ship not answering her helm fell alongside of the breakwater. No loss to property or life.	
	Stranding.			
13th June.	British Dhony "Therupura Sundry." Master—Nanakoty Chetty.	163 75/100	Was anchored in sand bank channel, Pámban pass, during night and leaked so badly that pumps were of no avail. Master slacked hawser and let her ground on side of channel to save her from sinking. No lives lost. Total loss of property, Rs. 300.	
	Miscellaneous.			
16th ,,	British Steamer "Clan Mackintosh." Master—W. McAlliston.	2,636	While in latitude 10° 52′ N., longitude 65° 02′ E., five of her crew who went down into the store room of the vessel died by suffocation caused by sulphuretted hydrogen and carbon di oxide gasses which emanated therefrom.	

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

Date.	Name of Vessel.	Tonnage.	Summary of particulars furnished by the Reporting officer.	Finding of the Court of Inquiry.
	Stranding.			
25th June.	British Ship "Volga." Master—Mr. G. L. Ritchie.	1,620	While approaching the port of Negapatam on the night of 25th June 1888, the vessel grounded in 3½ fathoms amongst the small crafts in the inner anchorage. She was floated next morning by discharging 75 tons of coal. No loss to property or life.	A Court of Inquiry was held at Cuddalore on the 6th July 1888. The Court found that the accident was mainly due to the defect in soundings given by the leadsman and censured the Captain for having engaged an incompetent and inexperienced man as leadsman.
	Stranding.			
2nd Aug.	British Brig "Neelayadatchy." Master—Small Mahomed.	147½	Stranded at Toni Torrai Shoal, Pámban pass, by coming too close in looking for channel buoy to anchor. No loss to property or life.	
	Miscellaneous.			
12th ,,	British Barque "Faiz Rahhan." Master—Richard Millington.	608$\frac{13}{145}$	While off Mauritius lost her fore-top-mast. No loss of life or property.	
	Miscellaneous.			
2nd Sept.	British Steamer "Clan Fraser." Master—J. E. Roberts.	1,349	On her way from Point de Galle to Cocanada her sail shaft was broken in stern tube in latitude 12° 35′ N. and longitude 82° 18′ E.	
	Stranding.			
4th Oct.	Foreign Ganja "Harsinga." Master—Husson.	181	Stranded on a rock near the anchorage at Kulasekharapatnam and broke to pieces. No lives lost. Total loss Rs. 10,000.	
	Foundering.			
17th ,,	British Steamer "Pioneer." Master—Abdulla.	20$\frac{11}{132}$	Quietly settled down at her moorings in the Netrawathi river through the gross neglect of the man in charge not having visited her for several days. Loss to vessel, Rs. 500. No lives lost.	
	Miscellaneous.			
31st ,,	British Screw Steamer "Bhundara." Master—G. Jacobs.	2,190	About 10 miles east of Madras ship became disabled through violent rolling in cyclone and by flooring plates of stoke hole cutting pipes and causing the vessel to leak. Five lives lost.	A Court of Inquiry was held at Madras on the 8th November 1888 and the Captain and officers were exonerated from blame.
	Stranding.			
2nd Nov.	British Munjee "Devy Prasad." Master—Avaran.	28	While attempting to enter the Beypore river for safety owing to suspicious weather, the vessel drifted and stranded. No lives lost. Partial loss to vessel, Rs. 500.	
	Miscellaneous.			
2nd ,,	Batel "Salamattee." Master—Abdulla.	73$\frac{20}{100}$	Through stress of weather part of her cargo was jettisoned off Mangalore to save the lives of her crew. Estimated loss, Rs. 1,095.	
	Miscellaneous.			
13th Dec.	British Steamer "M. Meanatchy." Master—J. G. Trewin.	1,368	Encountered bad weather about 70 miles south-east of Negapatam and lost seven boats and sustained much damage. No lives lost. Partial loss to steamer—Rs. 8,000, and to cargo, Rs. 3,000.	
	Miscellaneous.			
14th ,,	British Steamer "Tiverton." Master—Whitehead.	1,743	Was caught in a cyclone at Negapatam and lost four anchors, 255 fathoms of cable, 15 fathoms of chain and two life-boats. No lives lost. Loss to the vessel about £300.	

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

Date.	Name of Vessel.	Tonnage.	Summary of particulars furnished by the Reporting officer.	Finding of the Court of Inquiry.
	Miscellaneous.			
14th Dec.	British Steamer "Olympia." Master—Richard Faull.	1,636	Experienced cyclonic weather off Negapatam and sustained damages.	
	Miscellaneous.			
..	British Brig. "Hydrus." Master—Mahomed Aboobucker Cuvai.	92½	Was caught in a storm off Point Calimere and blown over on her beam ends. She was righted, but lost all her rigging and sails. Loss to vessel about Rs. 2,500.	
1889.	*Miscellaneous.*			
4th Jan.	British Pattimar "Chandraban." Master—	210½	Destroyed by fire in the inner harbour of Cochin. Total loss Rs. 11,000. No lives lost.	
	Stranding.			
11th Feb.	British "Darya Bahadore Muchwa." Master—Mahomedjee.	6$\frac{23}{100}$	Being an old vessel, a plank at the bottom gave way and water rushed in. She then stranded and was driven ashore by a gust of wind. No lives lost. Total loss to vessel, Rs. 275.	
	Stranding.			
5th Mar.	British "Machwa Gunavanthi."—Master—	20$\frac{15}{100}$	While on her way from Cochin to Calicut was driven ashore by force of wind at Kabit, Ponáni. Loss to vessel, Rs. 150. No lives lost.	
	Miscellaneous.			
28th ,,	"Gunga Luxmipassa." Master—Ummer.	77$\frac{84}{100}$	Broke her mast off Kundapur through a sudden gust of wind. No lives lost. Loss to vessel, Rs. 500.	

APPENDIX B.

British vessels.

Coasting Steamers.

District.	Ports.	Arrived. In ballast. Vessels.	In ballast. Tonnage.	In ballast. Port dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Port dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Port dues.	Total. Vessels.	Total. Tonnage.	Total. Port dues.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjam	Gopálpur	2	924	64 15 6	102	131,660	5,435 13 0	43	71,282	697 11 0	147	203,866	6,198 7 6
	Bárúva	..	..	..	..	..	..	35	54,624	..	35	54,624	..
	Púndi	..	..	..	..	..	..	..	..	..	..	..	..
	Calingapatam	..	..	..	101	147,380	650 7 0	22	37,635	1,113 0 0	123	185,215	1,763 7 0
	Total ..	2	924	64 15 6	203	279,040	6,086 4 0	100	163,741	1,810 11 0	305	443,705	7,961 14 6
Vizagapatam ..	Vizagapatam	..	..	..	206	312,851	1,985 10 0	..	..	..	206	312,851	1,985 10 0
	Bimlipatam	..	..	..	234	358,581	3,091 4 3	..	..	..	234	358,581	3,091 4 3
	Total ..	..	..	..	440	671,432	5,076 14 3	..	..	..	440	671,432	5,076 14 3
Godávari ..	Cocanada	6	8,495	535 10 3	36	60,854	2,673 14 0	217	329,498	3,382 6 0	259	398,847	6,591 14 3
	Coringa	..	..	..	..	..	..	..	..	..	..	..	..
	Narsápur	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	6	8,495	535 10 3	36	60,854	2,673 14 0	217	329,498	3,382 6 0	259	398,847	6,591 14 3
Kistna	Masulipatam	36	69,196	1,545 3 0	170	256,373	4,544 7 6	..	..	..	206	325,569	6,089 10 6
	Nizampatam	..	..	..	..	..	..	..	..	..	..	..	..
	Kottapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Pennumudi	..	..	..	..	..	..	..	..	..	..	..	..
	Moratota	..	..	..	..	..	..	..	..	..	..	..	..
	Gangadipalem	..	..	..	..	..	..	..	..	..	..	..	..
	Ipurupálem	..	..	..	..	..	..	..	..	..	..	..	..
	Motupalli	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	36	69,196	1,545 3 0	170	256,373	4,544 7 6	..	..	..	206	325,569	6,089 10 6

APPENDIX B—*cont.*

British vessels—*cont.*

Coasting Steamers—*cont.*

Districts.	Ports.	Left. In ballast. Vessels.	In ballast. Tonnage.	In ballast. Port dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Port dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Port dues.	Total. Vessels.	Total. Tonnage.	Total. Port dues.
15	16	17	18	19	20	21	22	23	24	25	26		
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjam	Gopálpur	1	462	..	103	132,122	..	43	71,282	..	147	203,866	..
	Bárúva	..	..	..	..	..	..	35	54,624	..	35	54,624	..
	Púndi	..	..	..	..	..	..	..	..	..	..	..	..
	Calingapatam	..	..	..	73	104,022	..	49	79,387	..	122	183,409	..
	Total ..	1	462	..	176	236,144	..	127	205,293	..	304	441,899	..
Vizagapatam ..	Vizagapatam	..	..	..	206	312,851	..	..	..	..	206	312,851	..
	Bimlipatam	..	..	..	234	358,581	..	..	..	..	234	358,581	..
	Total ..	..	..	..	440	671,432	..	..	..	..	440	671,432	..
Godávari ..	Cocanada	..	..	..	18	34,498	..	241	364,349	..	259	398,847	..
	Coringa	..	..	..	..	..	..	..	..	..	..	..	..
	Narsápur	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	18	34,498	..	241	364,349	..	259	398,847	..
Kistna	Masulipatam	45	75,347	..	161	250,222	..	..	..	..	206	325,569	..
	Nizampatam	..	..	..	..	..	..	..	..	..	..	..	..
	Kottapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Pennumudi	..	..	..	..	..	..	..	..	..	..	..	..
	Moratota	..	..	..	..	..	..	..	..	..	..	..	..
	Gangadipalem	..	..	..	..	..	..	..	..	..	..	..	..
	Ipurupálem	..	..	..	..	..	..	..	..	..	..	..	..
	Motupalli	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	45	75,347	..	161	250,222	..	..	..	..	206	325,569	..

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APPENDIX B—*cont.*

Districts.	Ports.	British vessels—*cont.* — Other vessels (excluding Coasting steamers). — Arrived. — In ballast. Vessels.	In ballast. Tonnage.	In ballast. Port dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Port dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Port dues.	Total. Vessels.	Total. Tonnage.	Total. Port dues.
		27	28	29	30	31	32	33	34	35	36	37	38
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjam	Gopálpur	2	3,465	324 13 6	..	..	..	..	..	..	2	3,465	324 13 6
	Báruva	..	..	..	..	..	..	..	..	..	..	..	..
	Púndi	..	..	..	..	..	..	..	..	..	..	..	..
	Calingapatam	2	2,799	370 1 3	1	1,156	144 8 0	..	..	..	3	3,955	514 9 3
	Total ..	4	6,264	694 14 9	1	1,156	144 8 0	..	..	..	5	7,420	839 6 9
Vizagapatam ..	Vizagapatam	5	7,907	1,112 1 0	3	4,133	423 3 0	4	4,183	..	12	16,223	1,535 4 0
	Bimlipatam	2	3,226	365 14 6	9	13,953	2,369 10 0	..	..	..	11	17,179	2,735 8 6
	Totals ..	7	11,133	1,477 15 6	12	18,086	2,792 13 0	4	4,183	..	23	33,402	4,270 12 6
Godávari ..	Cocanada	20	26,587	2,897 10 3	23	35,235	5,007 2 0	2	3,556	144 8 0	45	65,378	8,349 4 3
	Coringa	..	..	..	..	..	..	..	..	..	..	..	..
	Narsápur	1	29	2 11 6	..	..	..	..	..	..	1	29	2 11 6
	Total ..	21	26,616	2,900 5 9	23	35,235	5,007 2 0	2	3,556	144 8 0	46	65,407	8,351 15 9
Kistna	Masulipatam	1	1,437	179 10 0	..	..	..	..	..	..	1	1,437	179 10 0
	Nizampatam	..	..	..	..	..	..	..	..	..	..	..	..
	Kottapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Pennumudi	..	..	..	..	..	..	..	..	..	..	..	..
	Moratota	..	..	..	..	..	..	..	..	..	..	..	..
	Gangadipalem	..	..	..	..	..	..	..	..	..	..	..	..
	Ipurupálem	..	..	..	..	..	..	..	..	..	..	..	..
	Motupalli	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	1	1,437	179 10 0	..	..	..	..	..	..	1	1,437	179 10 9

APPENDIX B—*cont.*

Districts.	Ports.	British vessels—*cont.* — Other vessels (excluding Coasting steamers)—*cont.* — Left. — In ballast. Vessels.	In ballast. Tonnage.	In ballast. Port dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Port dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Port dues.	Total. Vessels.	Total. Tonnage.	Total. Port dues.
		39	40	41	42	43	44	45	46	47	48	49	50
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjam	Gopálpur	..	..	..	2	3,465	..	..	..	..	2	3,465	..
	Báruva	..	..	..	..	..	..	..	..	..	..	..	..
	Púndi	..	..	..	..	..	..	..	..	..	..	..	..
	Calingapatam	..	..	..	4	5,761	..	..	..	..	4	5,761	..
	Total ..	..	..	..	6	9,226	..	..	..	..	6	9,226	..
Vizagapatam ..	Vizagapatam	..	..	..	9	13,186	..	4	4,183	..	13	17,369	..
	Bimlipatam	..	..	..	12	19,772	..	..	..	..	12	19,772	..
	Total ..	..	..	..	21	32,958	..	4	4,183	..	25	37,141	..
Godávari ..	Cocanada	..	..	..	44	63,196	..	2	3,556	..	46	66,752	..
	Coringa	..	..	..	..	..	..	..	..	..	..	..	..
	Narsápur	1	29	..	..	..	..	..	..	..	1	29	..
	Total ..	1	29	..	44	63,196	..	2	3,556	..	47	66,781	..
Kistna	Masulipatam	..	..	..	1	1,437	..	..	..	..	1	1,437	..
	Nizampatam	..	..	..	..	..	..	..	..	..	..	..	..
	Kottapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Pennumudi	..	..	..	..	..	..	..	..	..	..	..	..
	Moratota	..	..	..	..	..	..	..	..	..	..	..	..
	Gangadipalem	..	..	..	..	..	..	..	..	..	..	..	..
	Ipurupálem	..	..	..	..	..	..	..	..	..	..	..	..
	Motupalli	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	1	1,437	..	..	..	..	1	1,437	..

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APPENDIX B—*cont.*

Districts.	Ports.	Foreign Vessels. — Arrived. In ballast. Vessels.	In ballast. Tonnage.	In ballast. Port dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Port dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Port dues.	Total. Vessels.	Total. Tonnage.	Total. Port dues.
		51	52	53	54	55	56	57	58	59	60	61	62
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjam ..	Gopálpur	..	..	..	..	..	..	..	..	..	..	..	..
	Báruva	..	..	..	..	..	..	..	..	..	..	..	..
	Pándi	..	..	..	..	..	..	..	..	..	..	..	..
	Calingapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..
Vizagapatam ..	Vizagapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Bimlipatam	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..
Godávari ..	Cocanada	..	..	..	4	4,186	540 3 0	1	1,821	227 10 0	5	6,007	767 13 0
	Coringa	..	..	..	..	..	..	..	..	..	..	..	..
	Narsápur	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	4	4,186	540 3 0	1	1,821	227 10 0	5	6,007	767 13 0
Kistna	Masulipatam	..	..	..	..	..	..	..	..	..	..	..	..
	Nizampatam	..	..	..	..	..	..	..	..	..	..	..	..
	Kottapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Pennamudi	..	..	..	..	..	..	..	..	..	..	..	..
	Moratota	..	..	..	..	..	..	..	..	..	..	..	..
	Gangadipalem	..	..	..	..	..	..	..	..	..	..	..	..
	Ipurupálem	..	..	..	..	..	..	..	..	..	..	..	..
	Motupalli	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..

APPENDIX B—*cont.*

Districts.	Ports.	Foreign Vessels—*cont.* — Left. In ballast. Vessels.	In ballast. Tonnage.	In ballast. Port dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Port dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Port dues.	Total. Vessels.	Total. Tonnage.	Total. Port dues.
		63	64	65	66	67	68	69	70	71	72	73	74
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjam ..	Gopálpur	..	..	..	..	..	..	..	..	..	..	..	..
	Baruva	..	..	..	..	..	..	..	..	..	..	..	..
	Pándi	..	..	..	..	..	..	..	..	..	..	..	..
	Calingapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..
Vizagapatam ..	Vizagapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Bimlipatam	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..
Godávari ..	Cocanada	..	..	..	4	4,186	..	1	1,821	..	5	6,007	..
	Coringa	..	..	..	..	..	..	..	..	..	..	..	..
	Narsápur	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	4	4,186	..	1	1,821	..	5	6,007	..
Kistna	Masulipatam	..	..	..	..	..	..	..	..	..	..	..	..
	Nizampatam	..	..	..	..	..	..	..	..	..	..	..	..
	Kottapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Pennumudi	..	..	..	..	..	..	..	..	..	..	..	..
	Moratota	..	..	..	..	..	..	..	..	..	..	..	..
	Gangadipalem	..	..	..	..	..	..	..	..	..	..	..	..
	Ipurupálem	..	..	..	..	..	..	..	..	..	..	..	..
	Motupalli	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..

APPENDIX B—*cont.*

Districts.	Ports.	Native Crafts. — Arrived. In ballast. Vessels.	In ballast. Tonnage.	In ballast. Port dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Port dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Port dues.	Total. Vessels.	Total. Tonnage.	Total. Port dues.
		75	76	77	78	79	80	81	82	83	84	85	86
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjam	Gopálpur	..	..	..	4	704	44 0 0	..	..	..	4	704	44 0 0
	Báruva	1	125	5 13 0	1	30	1 14 0	..	..	..	2	155	7 11 9
	Púndi	3	93	6 9 0	7	782	58 4 11	..	..	..	10	875	64 13 11
	Calingapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Total	4	218	12 6 9	12	1,516	104 2 11	..	..	..	16	1,734	116 9 8
Vizagapatam	Vizagapatam	1	172	8 1 0	60	7,634	408 15 0	..	..	..	61	7,806	417 0 0
	Bimlipatam	1	68	2 11 6	27	1,810	64 3 0	..	..	..	28	1,868	66 14 6
	Total	2	230	10 12 6	87	9,444	473 2 0	..	..	..	89	9,674	483 14 6
Godávari	Cocanada	52	6,670	173 14 3	5	703	65 14 6	35	6,161	460 2 3	92	13,434	699 15 0
	Coringa	5	710	37 15 11	..	..	..	..	..	..	5	710	37 15 11
	Narsápur	11	581	28 5 9	..	..	..	..	..	..	11	581	28 5 9
	Total	68	7,861	240 3 11	5	703	65 14 6	35	6,161	460 2 3	108	14,725	766 4 8
Kistna	Masulipatam	65	6,768½	316 3 0	115	5,941½	294 4 0	..	..	..	180	12,710	610 7 0
	Nizampatam	5	437½	14 7 0	16	474½	..	..	..	..	21	911½	14 7 0
	Kottapatam	67	1,282	43 9 0	3	344½	12 1 3	..	..	..	70	1,626½	55 1 3
	Pennumudi	..	..	..	3	30	..	..	..	..	3	30	..
	Moratota	..	..	..	..	..	..	..	..	..	..	..	..
	Gangadipalem	3	131	7 4 6	..	..	..	..	..	..	3	131	7 4 6
	Ipurupálem	6	780	24 1 6	4	755	24 1 6	..	..	..	10	1,535	48 3 0
	Motupalli	6	598	12 6 0	..	..	..	..	..	..	6	598	12 6 0
	Total	152	9,997½	417 6 0	141	7,545½	330 6 9	..	..	..	293	17,542	747 12 9

APPENDIX B—*cont.*

Districts.	Ports.	Native Crafts—*cont.* — Left. In ballast. Vessels.	In ballast. Tonnage.	In ballast. Port dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Port dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Port dues.	Total. Vessels.	Total. Tonnage.	Total. Port dues.
		87	88	89	90	91	92	93	94	95	96	97	98
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjam	Gopálpur	2	222	..	2	482	..	..	..	..	4	704	..
	Báruva	..	..	..	2	155	..	..	..	..	2	155	..
	Púndi	..	..	..	10	875	..	..	..	..	10	875	..
	Calingapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Total	2	222	..	14	1,512	..	..	..	..	16	1,734	..
Vizagapatam	Vizagapatam	36	3,832	..	23	3,598	..	..	..	..	59	7,430	..
	Bimlipatam	23	1,470	..	5	398	..	..	..	..	28	1,868	..
	Total	59	5,302	..	28	3,996	..	..	..	..	87	9,298	..
Godávari	Cocanada	30	3,550	..	76	10,887	..	5	1,699	..	111	16,136	..
	Coringa	3	24	..	..	..	..	..	..	..	3	24	..
	Narsápur	6	345	..	7	371	..	..	..	..	13	716	..
	Total	39	3,919	..	83	11,258	..	5	1,699	..	127	16,876	..
Kistna	Masulipatam	62	1,095½	..	121	11,906½	..	..	..	..	183	13,002	..
	Nizampatam	6	320½	..	2	358	..	..	..	..	8	678½	..
	Kottapatam	13	1,737	..	84	1,289½	..	..	..	..	97	3,026½	..
	Pennumudi	1	14½	..	..	..	..	..	..	..	1	14½	..
	Moratota	..	..	..	6	82	..	..	..	..	6	82	..
	Gangadipalem	..	..	..	4	138½	..	..	..	..	4	138½	..
	Ipurupálem	..	..	..	10	1,535	..	..	..	..	10	1,535	..
	Motupalli	..	..	..	6	598	..	..	..	..	6	598	..
	Total	82	3,167½	..	233	15,907	..	..	..	..	315	19,074½	..

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APPENDIX B—*cont.*

Districts.	Ports.	Total. — Arrived. In ballast. Vessels.	In ballast. Tonnage.	In ballast. Port dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Port dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Port dues.	Total. Vessels.	Total. Tonnage.	Total. Port dues.
		99	100	101	102	103	104	105	106	107	108	109	110
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjam	Gopálpur	4	4,389	389 13 0	196	182,364	5,479 13 0	43	71,282	697 11 0	153	208,035	6,567 5 0
	Báruva	1	125	5 13 9	1	30	1 14 0	35	54,624	..	37	54,779	7 11 9
	Pándi	3	93	6 9 0	7	782	68 4 11	..	..	..	10	875	64 13 11
	Calingapatam	2	2,799	370 1 3	192	148,536	794 15 0	22	37,835	1,113 0 0	126	189,170	2,278 0 3
	Total ..	10	7,406	772 5 0	216	281,712	6,334 14 11	100	163,741	1,810 11 0	326	452,859	8,917 14 11
Vizagapatam ..	Vizagapatam	6	8,079	1,120 2 0	269	324,618	2,817 12 0	4	4,183	..	279	336,880	3,937 14 0
	Bimlipatam	3	3,284	368 10 0	270	374,344	5,525 1 3	..	..	..	273	377,628	5,893 11 3
	Total ..	9	11,363	1,488 12 0	539	698,962	8,342 13 3	4	4,183	..	552	714,508	9,831 9 3
Godávari ..	Cocanada	78	41,652	1,897 2 9	68	100,978	8,287 1 6	255	341,056	4,514 10 3	401	483,686	16,408 14 6
	Coringa	5	710	37 15 11	..	..	..	..	..	..	5	710	37 15 11
	Narsápur	12	610	31 1 3	..	..	..	..	..	..	12	610	31 1 3
	Total ..	95	42,972	3,676 3 11	68	100,978	8,287 1 6	255	341,056	4,514 10 3	418	484,986	16,477 15 8
Kistna	Masulipatam	102	77,491½	2,041 0 0	285	262,314½	4,838 11 6	..	..	..	387	339,715	6,879 11 6
	Nizampatam	3	437½	14 7 0	16	474½	..	..	..	..	21	911½	14 7 0
	Kottapatam	67	1,282	43 0 0	3	344½	12 1 3	..	..	..	70	1,626½	55 1 3
	Pennumudi	..	..	..	3	30	..	..	..	..	3	30	..
	Moratota	..	..	..	..	..	..	..	..	..	..	..	..
	Gangadipalem	3	131	7 4 6	..	..	..	..	..	..	3	131	7 4 6
	Ipurupálem	9	789	24 1 6	4	755	24 1 6	..	..	..	10	1,535	48 3 0
	Motupalli	6	598	12 6 0	..	..	..	..	..	..	6	598	12 6 0
	Total ..	189	80,630½	2,142 3 0	311	263,917½	4,874 14 3	..	..	..	500	344,548	7,017 1 3

APPENDIX B—*cont.*

Districts.	Ports.	Total—*cont.* — Left. In ballast. Vessels.	In ballast. Tonnage.	In ballast. Port dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Port dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Port dues.	Total. Vessels.	Total. Tonnage.	Total. Port dues.
		111	112	113	114	115	116	117	118	119	120	121	122
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Ganjam	Gopálpur	3	684	..	107	136,069	..	43	71,282	..	153	208,035	..
	Báruva	..	..	..	2	155	..	35	54,624	..	37	54,779	..
	Pándi	..	..	..	10	875	..	..	..	..	10	875	..
	Calingapatam	..	..	..	77	109,783	..	49	79,387	..	126	189,170	..
	Total ..	3	684	..	196	246,882	..	127	205,293	..	326	452,859	..
Vizagapatam ..	Vizagapatam	36	3,832	..	238	329,635	..	4	4,183	..	278	337,650	..
	Bimlipatam	23	1,470	..	251	378,751	..	..	..	..	274	380,221	..
	Total ..	59	5,302	..	489	708,386	..	4	4,183	..	552	717,871	..
Godávari ..	Cocanada	30	3,550	..	142	112,767	..	249	371,425	..	421	487,742	..
	Coringa	3	24	..	..	..	..	..	..	..	3	24	..
	Narsápur	7	374	..	7	371	..	..	..	..	14	745	..
	Total ..	40	3,948	..	149	113,138	..	249	371,425	..	458	488,511	..
Kistna	Masulipatam	107	76,412½	..	283	263,565½	..	..	..	..	390	340,008	..
	Nizampatam	6	320½	..	2	358	..	..	..	..	8	678½	..
	Kottapatam	13	1,737	..	84	1,289½	..	..	..	..	97	3,026½	..
	Pennumudi	1	14½	..	..	..	..	..	..	..	1	14½	..
	Moratota	..	..	..	6	82	..	..	..	..	6	82	..
	Gangadipalem	..	..	..	4	138½	..	..	..	..	4	138½	..
	Ipurupalem	..	..	..	10	1,535	..	..	..	..	10	1,535	..
	Motupalli	..	..	..	6	598	..	..	..	..	6	598	..
	Total ..	127	78,514½	..	395	267,566	..	..	..	..	522	346,080½	..

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APPENDIX B—*cont.*

Districts.	Ports.	British Vessels. — Coasting Steamers. — Arrived.											
		In ballast.			With cargo.			With passengers.			Total.		
		Vessels.	Tonnage.	Port dues.	Vessels.	Tonnage.	Port dues.	Vessels.	Tonnage.	Port dues.	Vessels.	Tonnage.	Port dues.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Nellore	Kottapatam	..	..	..	13	19,929	363 0 0	..	..	..	13	19,929	363 0 0
	Ramayapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Kistnapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Juvaladinne	..	..	..	..	..	..	..	..	..	..	..	..
	Iskapalle	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	13	19,929	363 0 0	..	..	..	13	19,929	363 0 0
Chingleput ..	Pulicat	..	..	..	..	..	..	..	..	..	..	..	..
	Ennore	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot ..	Cuddalore	1	1,386	..	104	158,211	1,546 0 0	..	..	..	105	159,597	1,546 0 0
	Porto Novo	..	..	..	15	25,032	517 0 0	..	..	..	15	25,032	517 0 0
	Total ..	1	1,386	..	119	183,243	2,063 0 0	..	..	..	120	184,629	2,063 0 0
Tanjore	Thirumalavasal	..	..	..	11	19,828	577 11 0	..	..	..	11	19,828	577 11 0
	Tranquebar	..	..	..	..	..	..	..	..	..	..	..	..
	Nagore	..	..	..	..	..	..	..	..	..	..	..	..
	Negapatam	..	..	..	162	230,638	4,031 14 6	71	111,349	1,077 9 0	233	345,487	5,109 7 6
	Velanganny	..	..	..	..	..	..	..	..	..	..	..	..
	Thoputhoray	..	..	..	..	..	..	..	..	..	..	..	..
	Mutupet	..	..	..	..	..	..	..	..	..	..	..	..
	Adirámpatnam	..	..	..	..	..	..	..	..	..	..	..	..
	Ammápatam	..	..	..	..	..	..	..	..	..	..	..	..
	Kottapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	173	250,466	4,609 9 6	71	114,849	1,077 9 0	244	365,315	5,687 2 6

APPENDIX B—*cont.*

Districts.	Ports.	British Vessels —*cont.* — Coasting Steamers—*cont.* — Left.											
		In ballast.			With cargo.			With passengers.			Total.		
		Vessels.	Tonnage.	Port dues.	Vessels.	Tonnage.	Port dues.	Vessels.	Tonnage.	Port dues.	Vessels.	Tonnage.	Port dues.
		15	16	17	18	19	20	21	22	23	24	25	26
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Nellore	Kottapatam	..	..	..	13	19,929	..	..	..	..	13	19,929	..
	Ramayapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Kistnapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Juvaladinne	..	..	..	..	..	..	..	..	..	..	..	..
	Iskapalle	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	13	19,929	..	..	..	..	13	19,929	..
Chingleput ..	Pulicat	..	..	..	..	..	..	..	..	..	..	..	..
	Ennore	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot ..	Cuddalore	3	4,729	..	103	156,922	..	..	..	..	106	161,651	..
	Porto Novo	..	..	..	15	25,032	..	..	..	..	15	25,032	..
	Total ..	3	4,729	..	118	181,954	..	..	..	..	121	186,683	..
Tanjore	Thirumalavasal	..	..	..	11	19,828	..	..	..	..	11	19,828	..
	Tranquebar	..	..	..	..	..	..	..	..	..	..	..	..
	Nagore	..	..	..	..	..	..	..	..	..	..	..	..
	Negapatam	2	3,214	..	182	256,699	..	60	103,686	..	244	363,599	..
	Velanganny	..	..	..	..	..	..	..	..	..	..	..	..
	Thoputhoray	..	..	..	..	..	..	..	..	..	..	..	..
	Mutupet	..	..	..	..	..	..	..	..	..	..	..	..
	Adirámpatnam	..	..	..	..	..	..	..	..	..	..	..	..
	Ammápatam	..	..	..	..	..	..	..	..	..	..	..	..
	Kottapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	2	3,214	..	193	276,527	..	60	103,686	..	255	383,427	..

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APPENDIX B—*cont.*

Districts.	Ports.	British Vessels—*cont.* — Other vessels (excluding Coasting steamers). — Arrived. — In ballast. Vessels.	In ballast. Tonnage.	In ballast. Port dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Port dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Port dues.	Total. Vessels.	Total. Tonnage.	Total. Port dues.
		27	28	29	30	31	32	33	34	35	36	37	38
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Nellore	Kottapatam	..	..	..	2	2,586	242 7 0	..	..	..	2	2,586	242 7 0
	Ramayapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Kistnapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Juvaladinne	..	..	..	..	..	..	..	..	..	..	..	..
	Iskapalle	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	2	2,586	242 7 0	..	..	..	2	2,586	242 7 0
Chingleput ..	Pulicat	..	..	..	..	..	..	..	..	..	..	..	..
	Ennore	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot ..	Cuddalore	4	5,870	680 0 0	7	10,265	1,650 0 0	..	..	..	11	16,135	2,330 0 0
	Porto Novo	..	..	..	22	31,503	1,372 0 0	..	..	..	22	31,503	1,372 0 0
	Total ..	4	5,870	680 0 0	29	41,768	3,022 0 0	..	..	..	33	47,638	3,702 0 0
Tanjore	Thirumalavasal	..	..	..	..	..	..	..	..	..	..	..	..
	Tranquebar	..	..	..	..	..	..	..	..	..	..	..	..
	Nagore	..	..	..	..	..	..	..	..	..	..	..	..
	Negapatam	3	4,550	639 13 6	19	29,360	4,934 9 0	34	51,906	2,671 10 0	56	85,816	8,246 0 6
	Velanganny	..	..	..	..	..	..	..	..	..	..	..	..
	Thoputhoray	..	..	..	..	..	..	..	..	..	..	..	..
	Mutupet	..	..	..	..	..	..	..	..	..	..	..	..
	Adirámpatnam	..	..	..	..	..	..	..	..	..	..	..	..
	Ammápatam	..	..	..	..	..	..	..	..	..	..	..	..
	Kottapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	3	4,550	639 13 6	19	29,360	4,934 9 0	34	51,906	2,671 10 0	56	85,816	8,246 0 6

APPENDIX B—*cont.*

Districts.	Ports.	British Vessels—*cont.* — Other vessels (excluding Coasting steamers)—*cont.* — Left. — In ballast. Vessels.	In ballast. Tonnage.	In ballast. Port dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Port dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Port dues.	Total. Vessels.	Total. Tonnage.	Total. Port dues.
		39	40	41	42	43	44	45	46	47	48	49	50
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Nellore	Kottapatam	..	..	..	2	2,586	..	..	..	..	2	2,586	..
	Ramayapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Kistnapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Juvaladinne	..	..	..	..	..	..	..	..	..	..	..	..
	Iskapalle	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	2	2,586	..	..	..	..	2	2,586	..
Chingleput ..	Pulicat	..	..	..	..	..	..	..	..	..	..	..	..
	Ennore	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot ..	Cuddalore	2	2,483	..	8	11,598	..	..	..	..	10	14,081	..
	Porto Novo	..	..	..	22	31,503	..	..	..	..	22	31,503	..
	Total ..	2	2,483	..	30	43,101	..	..	..	..	32	45,584	..
Tanjore	Thirumalavasal	..	..	..	..	..	..	..	..	..	..	..	..
	Tranquebar	..	..	..	..	..	..	..	..	..	..	..	..
	Nagore	..	..	..	..	..	..	..	..	..	..	..	..
	Negapatam	6	9,414	..	6	7,767	..	32	49,329	..	44	66,510	..
	Velanganny	..	..	..	..	..	..	..	..	..	..	..	..
	Thoputhoray	..	..	..	..	..	..	..	..	..	..	..	..
	Mutupet	..	..	..	..	..	..	..	..	..	..	..	..
	Adirámpatnam	..	..	..	..	..	..	..	..	..	..	..	..
	Ammápatam	..	..	..	..	..	..	..	..	..	..	..	..
	Kottapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	6	9,414	..	6	7,767	..	32	49,329	..	44	66,510	..

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APPENDIX B—*cont.*

Districts.	Ports.	Foreign Vessels. — Arrived. In ballast. Vessels.	In ballast. Tonnage.	In ballast. Port dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Port dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Port dues.	Total. Vessels.	Total. Tonnage.	Total. Port dues.
		51	52	53	54	55	56	57	58	59	60	61	62
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Nellore	Kottapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Ramayapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Kistnapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Juvaladinne	..	..	..	..	..	..	..	..	..	..	..	..
	Iskapalle	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..
Chingleput ..	Pulicat	..	..	..	..	..	..	..	..	..	..	..	..
	Ennore	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot ..	Cuddalore	..	..	..	..	..	..	..	..	..	..	..	..
	Porto Novo	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..
Tanjore	Thirumalavasal	..	..	..	..	..	..	..	..	..	..	..	..
	Tranquebar	..	..	..	..	..	..	..	..	..	..	..	..
	Nagore	..	..	..	..	..	..	..	..	..	..	..	..
	Negapatam	1	696	65 4 0	..	..	..	..	..	..	1	696	65 4 0
	Velanganny	..	..	..	..	..	..	..	..	..	..	..	..
	Thoputhoray	..	..	..	..	..	..	..	..	..	..	..	..
	Mutupet	..	..	..	..	..	..	..	..	..	..	..	..
	Adirámpatnam	..	..	..	..	..	..	..	..	..	..	..	..
	Ammápatam	..	..	..	..	..	..	..	..	..	..	..	..
	Kottapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	1	696	65 4 0	..	..	..	..	..	..	1	696	65 4 0

APPENDIX B—*cont.*

Districts.	Ports.	Foreign Vessels—*cont.* — Left. In ballast. Vessels.	In ballast. Tonnage.	In ballast. Port dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Port dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Port dues.	Total. Vessels.	Total. Tonnage.	Total. Port dues.
		63	64	65	66	67	68	69	70	71	72	73	74
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Nellore	Kottapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Ramayapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Kistnapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Juvaladinne	..	..	..	..	..	..	..	..	..	..	..	..
	Iskapalle	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..
Chingleput ..	Pulicat	..	..	..	..	..	..	..	..	..	..	..	..
	Ennore	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..
South Arcot ..	Cuddalore	..	..	..	..	..	..	..	..	..	..	..	..
	Porto Novo	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..
Tanjore	Thirumalavasal	..	..	..	..	..	..	..	..	..	..	..	..
	Tranquebar	..	..	..	..	..	..	..	..	..	..	..	..
	Nagore	..	..	..	..	..	..	..	..	..	..	..	..
	Negapatam	..	..	..	1	696	..	..	..	..	1	696	..
	Velanganny	..	..	..	..	..	..	..	..	..	..	..	..
	Thoputhoray	..	..	..	..	..	..	..	..	..	..	..	..
	Mutupet	..	..	..	..	..	..	..	..	..	..	..	..
	Adirámpatnam	..	..	..	..	..	..	..	..	..	..	..	..
	Ammápatam	..	..	..	..	..	..	..	..	..	..	..	..
	Kottapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	1	696	..	..	..	..	1	696	..

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APPENDIX B—*cont.*

Districts.	Ports.	Native Crafts. — Arrived. In ballast. Vessels.	In ballast. Tonnage.	In ballast. Port dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Port dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Port dues.	Total. Vessels.	Total. Tonnage.	Total. Port dues.
		75	76	77	78	79	80	81	82	83	84	85	86
Nellore	Kottapatam	..	..	Rs. A. P. ..	13	934	Rs. A. P. 53 4 6	..	..	Rs. A. P. ..	13	934	Rs. A. P. 53 4 6
	Ramayapatam	1	104¼	4 14 3	..	..	..	..	..	..	1	104¼	4 14 3
	Kistnapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Juvaladinne	..	..	..	1	104¼	6 8 3	..	..	..	1	104¼	6 8 3
	Iskapalle	..	..	..	1	104¼	..	..	..	..	1	104¼	..
	Total ..	1	104¼	4 14 3	15	1,142½	59 12 9	..	..	..	16	1,246¾	64 11 0
Chingleput ..	Pulicat	1	133 28/120	12 7 11	..	..	..	..	..	..	1	133 28/120	12 7 11
	Ennore	1	222½	20 13 9	..	..	..	..	..	..	1	222½	20 13 9
	Total ..	2	355 91/120	33 5 8	..	..	..	..	..	..	2	355 91/120	33 5 8
South Arcot ..	Cuddalore	23	2,397	86 0 0	102	11,043½	473 0 0	..	..	..	125	13,440½	559 0 0
	Porto Novo	12	2,686¾	104 0 0	61	6,595½	343 0 0	3	150½	6 0 0	76	9,432¾	453 0 0
	Total ..	35	5,083¼	190 0 0	163	17,638¾	816 0 0	3	150½	6 0 0	201	22,873	1,012 0 0
Tanjore	Thirumalavasal	20	2,036	96 0 3	18	2,157	56 11 9	3	437	..	41	4,630	151 12 0
	Tranquebar	11	1,554	86 13 6	6	800	28 1 6	6	1,109	44 3 0	23	3,463	153 2 0
	Nagore	7	731	..	35	3,060	199 12 9	5	1,113	74 9 2	47	4,904	274 5 11
	Negapatam	57	7,776	312 5 7	260	26,884	1,105 1 3	132	16,108	661 2 9	449	50,768	2,078 9 7
	Velanganny	..	..	..	21	2,528	118 12 6	..	..	..	21	2,528	118 12 6
	Thoputhoray	167	3,157	11 1 6	24	556	11 13 9	95	1,879	21 3 6	286	5,592	44 2 0
	Muttupet	55	1,665	79 8 0	47	5,553	208 12 6	16	2,340	64 4 0	118	9,558	352 8 6
	Adirámpatnam	78	4,636	120 13 0	71	6,266	121 12 9	49	4,863	168 15 6	198	15,825	411 9 3
	Ammápatam	31	1,559	55 7 10	22	1,607	59 12 6	26	2,001	77 13 6	79	5,167	193 1 10
	Kottapatam	53	1,665	52 3 9	28	2,914	46 3 6	23	2,711	119 15 6	104	7,190	228 6 6
	Total ..	472	24,739	817 5 2	532	52,325	1,956 14 0	355	32,561	1,232 2 11	1,366	109,625	4,006 6 1

APPENDIX B—*cont.*

Districts.	Ports.	Native Crafts—*cont.* — Left. In ballast. Vessels.	In ballast. Tonnage.	In ballast. Port dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Port dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Port dues.	Total. Vessels.	Total. Tonnage.	Total. Port dues.
		87	88	89	90	91	92	93	94	95	96	97	98
Nellore	Kottapatam	7	205	Rs. A. P. ..	6	720	Rs. A. P. ..	..	..	Rs. A. P. ..	13	934	Rs. A. P. ..
	Ramayapatam	..	..	..	1	104¼	..	..	..	..	1	104¼	..
	Kistnapatam	2	303	3 14 6	..	..	..	..	..	..	2	303	3 14 6
	Juvaladinne	..	..	..	1	104½	..	..	..	..	1	104½	..
	Iskapalle	..	..	..	1	104½	..	..	..	..	1	104¼	..
	Total ..	9	508	3 14 6	9	1,041¾	..	..	..	..	18	1,549¾	3 14 6
Chingleput ..	Pulicat	1	133 28/120	..	..	..	..	..	..	..	1	133 28/120	..
	Ennore	1	222½	..	..	..	..	..	..	..	1	222½	..
	Total ..	2	355 91/120	..	..	..	..	..	..	..	2	355 91/120	..
South Arcot ..	Cuddalore	18	2,395	15 0 0	105	10,319½	39 0 0	..	..	..	123	13,214½	54 0 0
	Porto Novo	12	1,911	42 0 0	62	7,866¼	99 0 0	..	..	..	74	9,277¼	141 0 0
	Total ..	30	4,306	57 0 0	167	17,685¾	138 0 0	..	..	..	197	22,491¾	195 0 0
Tanjore	Thirumalavasal	5	612	..	34	3,858	..	1	44	..	40	4,514	..
	Tranquebar	3	310	..	19	2,875	..	1	202	..	23	3,387	..
	Nagore	22	2,114	..	24	2,660	..	1	28	..	47	4,802	..
	Negapatam	72	7,834	..	334	37,298	..	42	5,226	..	448	50,358	..
	Velanganny	..	..	..	21	2,528	..	..	..	..	21	2,528	..
	Thoputhoray	72	1,218	19 10 3	41	1,046	29 9 9	182	3,514	82 8 3	295	5,778	131 12 3
	Muttupet	10	460	..	83	5,987	..	25	3,085	..	118	9,532	..
	Adirámpatnam	42	3,297	58 9 6	112	9,426	45 0 9	49	2,962	9 6 9	203	15,685	113 1 0
	Ammápatam	15	704	..	37	2,587	..	26	1,740	..	78	5,031	..
	Kottapatam	10	420	..	75	4,441	..	21	2,364	..	106	7,225	..
	Total ..	251	16,969	78 3 9	780	72,706	74 10 6	348	19,165	91 15 0	1,379	108,840	244 13 3

APPENDIX B—*cont.*

Districts.	Ports.	Total. — Arrived. In ballast. Vessels.	In ballast. Tonnage.	In ballast. Port dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Port dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Port dues.	Total. Vessels.	Total. Tonnage.	Total. Port dues.
		99	100	101	102	103	104	105	106	107	108	109	110
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Nellore	Kottapatam	..	..	..	28	23,449	658 11 6	..	..	..	28	23,449	658 11 6
	Ramayapatam	1	104¼	4 14 3	..	..	..	..	..	..	1	104¼	4 14 3
	Kistnapatam	..	..	..	..	..	..	..	..	..	..	..	..
	Juvaladinne	..	..	..	1	104¼	6 8 3	..	..	..	1	104¼	6 8 3
	Iskapalle	..	..	..	1	104¼	..	..	..	..	1	104¼	..
	Total ..	1	104¼	4 14 3	30	23,657½	665 3 9	..	..	..	31	23,761¾	670 2 0
Chingleput ..	Pulicat	1	133 26/100	12 7 11	..	..	..	..	..	..	1	133 26/100	12 7 11
	Ennore	1	222½	20 13 9	..	..	..	..	..	..	1	222½	20 13 9
	Total ..	2	355 51/100	33 5 8	..	..	..	..	..	..	2	355 51/100	33 5 8
South Arcot ..	Cuddalore	28	9,653	766 0 0	213	179,519½	3,669 0 0	..	..	..	241	189,172½	4,435 0 0
	Porto Novo	12	2,686¾	104 0 0	98	63,130¾	2,232 0 0	3	150¼	6 0 0	113	65,967¾	2,342 0 0
	Total ..	40	12,339¾	870 0 0	311	242,649¾	5,901 0 0	3	150¼	6 0 0	354	255,140	6,777 0 0
Tanjore	Thirumalavasal	20	2,036	95 0 3	29	21,985	634 6 6	3	437	..	52	24,458	729 7 0
	Tranquebar	11	1,554	80 13 6	6	800	28 1 6	6	1,109	44 3 0	23	3,463	153 2 0
	Nagore	7	731	..	35	3,060	199 12 9	5	1,113	74 9 2	47	4,904	274 5 11
	Negapatam	61	13,022	1,017 7 1	441	286,882	10,071 8 9	237	182,863	4,410 5 9	739	482,767	15,499 5 7
	Velanganny	..	..	..	21	2,528	118 12 6	..	..	..	21	2,528	118 12 6
	Thoputhoray	167	3,157	11 1 6	24	556	11 13 0	95	1,879	21 3 6	286	5,592	44 2 0
	Mutupet	55	1,361	79 8 0	47	5,553	208 12 6	16	2,340	64 4 0	118	9,558	352 8 6
	Adirampatnam	78	4,696	120 13 0	71	5,266	121 12 9	49	4,863	108 15 6	198	15,825	411 9 3
	Ammapatam	31	1,659	55 7 10	22	1,607	59 12 6	26	2,001	77 13 6	79	5,167	193 1 10
	Kottapatam	53	1,565	62 3 6	28	2,914	46 3 6	23	2,711	119 15 6	104	7,190	228 6 6
	Total ..	483	29,985	1,522 6 6	724	332,151	11,501 0 6	460	199,316	4,981 5 11	1,667	561,452	18,004 13 1

APPENDIX B—*cont.*

Districts.	Ports.	Total—*cont.* — Left. In ballast. Vessels.	In ballast. Tonnage.	In ballast. Port dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Port dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Port dues.	Total. Vessels.	Total. Tonnage.	Total. Port dues.
		111	112	113	114	115	116	117	118	119	120	121	122
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Nellore	Kottapatam	7	205	..	21	23,244	..	..	..	..	28	23,449	..
	Ramayapatam	..	..	..	1	104½	..	..	..	..	1	104¼	..
	Kistnapatam	2	303	3 14 6	..	..	..	..	..	..	2	303	3 14 6
	Juvaladinne	..	..	..	1	104¼	..	..	..	..	1	104¼	..
	Iskapallo	..	..	..	1	104¼	..	..	..	..	1	104¼	..
	Total ..	9	508	3 14 6	24	23,558¾	..	..	..	..	33	24,064¾	3 14 6
Chingleput ..	Pulicat	1	133 26/100	..	..	..	..	..	..	..	1	133 26/100	..
	Ennore	1	222½	..	..	..	..	..	..	..	1	222½	..
	Total ..	2	355 51/100	..	..	..	..	..	..	..	2	355 51/100	..
South Arcot ..	Cuddalore	23	10,107	15 0 0	216	178,839½	39 0 0	..	..	..	239	188,946¼	54 0 0
	Porto Novo	12	1,911	42 0 0	99	63,901¼	99 0 0	..	..	..	111	65,812¼	141 0 0
	Total ..	35	12,018	57 0 0	315	242,740¾	138 0 0	..	..	..	350	254,758¾	195 0 0
Tanjore	Thirumalavasal	5	612	..	45	23,686	..	1	44	..	51	24,342	..
	Tranquebar	3	310	..	19	2,875	..	1	202	..	23	3,387	..
	Nagore	22	2,114	..	24	2,660	..	1	28	..	47	4,802	..
	Negapatam	80	20,462	..	523	302,460	..	134	158,241	..	737	481,163	..
	Velanganny	..	..	..	21	2,528	..	..	..	..	21	2,528	..
	Thoputhoray	72	1,218	19 10 3	41	1,046	29 9 9	182	3,514	82 8 3	295	5,778	131 12 3
	Mutupet	10	460	..	83	5,987	..	25	3,085	..	118	9,532	..
	Adirampatnam	42	3,297	58 9 6	112	9,423	45 0 9	49	2,962	9 6 9	203	15,685	113 1 0
	Ammapatam	15	704	..	37	2,587	..	26	1,740	..	78	5,031	..
	Kottapatam	10	420	..	75	4,441	..	21	2,364	..	106	7,225	..
	Total ..	259	29,597	78 3 9	980	357,696	74 10 6	440	172,180	91 15 0	1,679	559,473	244 13 3

APPENDIX B.

Districts.	Ports.	British Vessels. Coasting Steamers. Arrived. In ballast. Vessels.	Tonnage.	Port dues.	With cargo. Vessels.	Tonnage.	Port dues.	With passengers. Vessels.	Tonnage.	Port dues.	Total. Vessels.	Tonnage.	Port dues.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Madura	Kilakarai	..	..	..	..	..	..	..	..	..	..	..	..
	Davipatam	..	..	..	..	..	..	..	..	..	..	..	..
	Tondy	..	..	..	..	..	..	..	..	..	..	..	..
	Pámban	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..
Tinnevelly ..	Tuticorin	..	..	..	127	175,239½	10,191 1 6	40	59,296	11,118 12 0	167	234,535½	21,309 13 6
	Kulasekharapatnam ..	..	..	..	..	..	..	..	..	..	..	..	..
	Káyalpatnám	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	127	175,239½	10,191 1 6	40	59,296	11,118 12 0	167	234,535½	21,309 13 6
Malabar	Cannanore	..	..	..	151	217,987	1,080 9 0	..	..	..	151	217,987	1,080 9 0
	Tellicherry	..	..	..	174	253,755	826 5 0	..	..	..	174	253,755	826 5 0
	Kallai	..	..	..	..	..	..	..	..	..	..	..	..
	Badagara	1	1,471	..	38	61,296	..	..	..	..	39	62,767	..
	Quilandy	..	..	..	..	..	..	..	..	..	..	..	..
	Calicut	..	..	..	167	245,437	6,326 13 0	..	..	..	167	245,437	6,326 13 0
	Beypore	..	..	..	4	4,658	..	..	..	..	4	4,658	..
	Tanur	..	..	..	..	..	..	..	..	..	..	..	..
	Ponáni	..	..	..	1	1,471	..	..	..	..	1	1,471	..
	Chávakád	..	..	..	..	..	..	..	..	..	..	..	..
	Cochin	..	..	..	172	255,513	30,437 10 0	..	..	..	172	255,513	30,437 10 0
	Total ..	1	1,471	..	707	1,040,117	38,671 5 0	..	..	..	708	1,041,588	38,671 5 0
South Canara ..	Mangalore	..	..	..	101	113,013	1,080 9 0	..	..	..	101	113,013	1,080 9 0
	Mulki	..	..	..	..	..	..	..	..	..	..	..	..
	Manjashwar	..	..	..	..	..	..	..	..	..	..	..	..
	Kumbla	..	..	..	..	..	..	..	..	..	..	..	..
	Kasaragód	..	..	..	..	..	..	..	..	..	..	..	..
	Malpe	..	..	..	34	5,879	125 10 10	..	..	..	34	5,879	125 10 10
	Barkur	..	..	..	..	..	..	..	..	..	..	..	..
	Coondapoor	..	..	..	33	5,712	..	..	..	..	33	5,712	..
	Baindur	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	168	124,604	1,206 3 10	..	..	..	168	124,604	1,206 3 10
	Madras	1	1,242	175 0 0	259	399,563	37,166 0 0	..	..	..	260	400,805	37,341 0 0

APPENDIX B—*cont.*

Districts.	Ports.	British Vessels—*cont.* Coasting Steamers—*cont.* Left. In ballast. Vessels.	Tonnage.	Port dues.	With cargo. Vessels.	Tonnage.	Port dues.	With passengers. Vessels.	Tonnage.	Port dues.	Total. Vessels.	Tonnage.	Port dues.
		15	16	17	18	19	20	21	22	23	24	25	26
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Madura	Kilakarai	..	..	..	..	..	..	..	..	..	..	..	..
	Davipatam	..	..	..	..	..	..	..	..	..	..	..	..
	Tondy	..	..	..	..	..	..	..	..	..	..	..	..
	Pámban	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..
Tinnevelly ..	Tuticorin	..	..	..	127	175,239½	..	40	59,296	..	167	234,535½	..
	Kulasekharapatnam ..	..	..	..	..	..	..	..	..	..	..	..	..
	Kayalpatnam	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	127	175,239½	..	40	59,296	..	167	234,535½	..
Malabar	Cannanore	3	4,644	..	148	213,343	..	..	..	..	151	217,987	..
	Tellicherry	..	..	..	174	253,755	..	..	..	..	174	253,755	..
	Kallai	..	..	..	..	..	..	..	..	..	..	..	..
	Badagara	..	..	..	39	62,767	275 13 0	..	..	..	39	62,767	275 13 0
	Quilandy	..	..	..	..	..	..	..	..	..	..	..	..
	Calicut	..	..	..	167	245,437	..	..	..	..	167	245,437	..
	Beypore	..	..	..	4	4,658	..	..	..	..	4	4,658	..
	Tanur	..	..	..	..	..	..	..	..	..	..	..	..
	Ponáni	..	..	..	1	1,471	..	..	..	..	1	1,471	..
	Chávakád	..	..	..	..	..	..	..	..	..	..	..	..
	Cochin	..	..	..	173	257,683	..	..	..	..	173	257,683	..
	Total ..	3	4,644	..	706	1,039,114	275 13 0	..	..	..	709	1,043,758	275 13 0
South Canara ..	Mangalore	..	..	..	101	113,013	..	..	..	..	101	113,013	..
	Mulki	..	..	..	..	..	..	..	..	..	..	..	..
	Manjashwar	..	..	..	..	..	..	..	..	..	..	..	..
	Kumbla	..	..	..	..	..	..	..	..	..	..	..	..
	Kasaragód	..	..	..	..	..	..	..	..	..	..	..	..
	Malpe	..	..	..	34	5,879	..	..	..	..	34	5,879	..
	Barkur	..	..	..	..	..	..	..	..	..	..	..	..
	Coondapoor	..	..	..	33	5,712	..	..	..	..	33	5,712	..
	Baindur	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	168	124,604	..	..	..	..	168	124,604	..
	Madras	3	93,424	..	207	305,622	..	..	..	..	260	399,046	..

APPENDIX B—*cont.*

Districts.	Ports.	British Vessels—*cont.* — Other vessels (excluding Coasting steamers). — Arrived. — In ballast. Vessels.	In ballast. Tonnage.	In ballast. Port dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Port dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Port dues.	Total. Vessels.	Total. Tonnage.	Total. Port dues.
		27	28	29	30	31	32	33	34	35	36	37	38
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Madura	Kilakarai	..	..	..	..	..	..	..	..	..	..	..	..
	Davipatam	..	..	..	..	..	..	..	..	..	..	..	..
	Tondy	..	..	..	..	..	..	..	..	..	..	..	..
	Pámban	14	4,004	..	225	38,090	785 15 7	5	1,287	241 5 0	244	43,381	1,027 4 7
	Total ..	14	4,004	..	225	38,090	785 15 7	5	1,287	241 5 0	244	43,381	1,027 4 7
Tinnevelly ..	Tuticorin	..	..	..	11	15,622	2,217 14 0	..	..	..	11	15,622	2,217 14 0
	Kulasekharapatnam ..	..	..	..	..	..	..	..	..	..	..	..	..
	Káyalpatnam	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	11	15,622	2,217 14 0	..	..	..	11	15,622	2,217 14 0
Malabar	Cannanore	..	..	..	4	803	50 4 6	..	..	..	4	803	50 4 6
	Tellicherry	2	1,105	191 9 0	19	16,668	2,500 6 6	..	..	..	21	17,773	2,691 15 6
	Kallai	..	..	..	..	..	..	..	..	..	..	..	..
	Badagara	..	..	..	2	2,817	352 2 0	..	..	..	2	2,817	352 2 0
	Quilandy	..	..	..	..	..	..	..	..	..	..	..	..
	Calicut	..	..	..	16	21,644	1,744 0 0	..	..	..	16	21,644	1,744 0 0
	Beypore	..	..	..	10	13,314	1,583 5 0	..	..	..	10	13,314	1,583 5 0
	Tanur	..	..	..	..	..	..	..	..	..	..	..	..
	Ponáni	..	..	..	..	..	..	..	..	..	..	..	..
	Chávakád	..	..	..	..	..	..	..	..	..	..	..	..
	Cochin	4	2,366	247 5 0	85	40,886	4,641 10 6	..	..	..	89	43,252	4,888 15 6
	Total ..	6	3,471	438 14 0	136	96,132	10,871 12 6	..	..	..	142	99,603	11,310 10 6
South Canara ..	Mangalore	..	..	..	7	9,351	1,476 11 0	..	..	..	7	9,351	1,476 11 0
	Mulki	..	..	..	..	..	..	..	..	..	..	..	..
	Manjashwar	..	..	..	..	..	..	..	..	..	..	..	..
	Kumbla	..	..	..	..	..	..	..	..	..	..	..	..
	Kasaragód	..	..	..	..	..	..	..	..	..	..	..	..
	Malpe	..	..	..	..	..	..	..	..	..	..	..	..
	Barkur	..	..	..	..	..	..	..	..	..	..	..	..
	Coondapoor	..	..	..	..	..	..	..	..	..	..	..	..
	Baindur	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	7	9,351	1,476 11 0	..	..	..	7	9,351	1,476 11 0
	Madras	8	11,604	2,286 0 0	206	402,658	73,084 0 0	..	..	..	214	414,262	75,370 0 0

APPENDIX B—*cont.*

Districts.	Ports.	British Vessels—*cont.* — Other vessels (excluding Coasting steamers)—*cont.* — Left. — In ballast. Vessels.	In ballast. Tonnage.	In ballast. Port dues.	With cargo. Vessels.	With cargo. Tonnage.	With cargo. Port dues.	With passengers. Vessels.	With passengers. Tonnage.	With passengers. Port dues.	Total. Vessels.	Total. Tonnage.	Total. Port dues.
		39	40	41	42	43	44	45	46	47	48	49	50
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Madura	Kilakarai	..	..	..	..	..	..	..	..	..	..	..	..
	Davipatam	..	..	..	..	..	..	..	..	..	..	..	..
	Tondy	..	..	..	..	..	..	..	..	..	..	..	..
	Pámban	14	4,004	..	225	38,090	..	5	1,287	..	244	43,381	..
	Total ..	14	4,004	..	225	38,090	..	5	1,287	..	244	43,381	..
Tinnevelly ..	Tuticorin	..	..	..	10	14,105	..	..	..	..	10	14,105	..
	Kulasekharapatnam ..	..	..	..	..	..	..	..	..	..	..	..	..
	Káyalpatnam	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	10	14,105	..	..	..	..	10	14,105	..
Malabar	Cannanore	4	803	..	..	..	..	..	..	..	4	803	..
	Tellicherry	3	3,307	..	21	16,203	..	..	..	..	24	18,510	..
	Kallai	..	..	..	..	..	..	..	..	..	..	..	..
	Badagara	..	..	..	2	2,817	..	..	..	..	2	2,817	..
	Quilandy	..	..	..	..	..	..	..	..	..	..	..	..
	Calicut	..	..	..	16	21,644	..	..	..	..	16	21,644	..
	Beypore	..	..	..	10	13,314	..	..	..	..	10	13,314	..
	Tanur	..	..	..	..	..	..	..	..	..	..	..	..
	Ponáni	..	..	..	..	..	..	..	..	..	..	..	..
	Chávakád	..	..	..	..	..	..	..	..	..	..	..	..
	Cochin	14	3,055	..	69	40,360	110 11 6	..	..	..	83	43,415	110 11 6
	Total ..	21	7,165	..	118	93,338	110 11 6	..	..	..	139	100,503	110 11 6
South Canara ..	Mangalore	..	..	..	7	9,351	..	..	..	..	7	9,351	..
	Mulki	..	..	..	..	..	..	..	..	..	..	..	..
	Manjashwar	..	..	..	..	..	..	..	..	..	..	..	..
	Kumbla	..	..	..	..	..	..	..	..	..	..	..	..
	Kasaragód	..	..	..	..	..	..	..	..	..	..	..	..
	Malpe	..	..	..	..	..	..	..	..	..	..	..	..
	Barkur	..	..	..	..	..	..	..	..	..	..	..	..
	Coondapoor	..	..	..	..	..	..	..	..	..	..	..	..
	Baindur	..	..	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	7	9,351	..	..	..	..	7	9,351	..
	Madras	28	39,052	..	187	378,698	..	..	..	..	215	417,750	..

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APPENDIX B—*cont.*

Foreign Vessels.

Arrived.

Districts.	Ports.	In ballast.			With cargo.			With passengers.			Total.		
		Vessels.	Tonnage.	Port dues.	Vessels.	Tonnage.	Port dues.	Vessels.	Tonnage.	Port dues.	Vessels.	Tonnage.	Port dues.
		51	52	53	54	55	56	57	58	59	60	61	62
				RS. A. P.			RS. A. P.			RS. A. P.			RS. A. P.
Madura	Kilakarai	..	..	..	..	..	..	..	..	..	..	..	..
	Davipatam	..	..	..	..	..	..	..	..	..	..	..	..
	Tondy	..	..	..	..	..	..	..	..	..	..	..	..
	Pámban	..	..	..	..	..	..	..	..	..	..	..	..
	Total	..	..	..	..	..	..	..	..	..	..	..	..
Tinnevelly	Tuticorin	..	..	..	11	1,173¼	77 8 3	..	..	..	11	1,173¼	77 8 3
	Kulasekharapatnam	..	..	..	..	..	..	..	..	..	..	..	..
	Káyalpatnam	..	..	..	..	..	..	..	..	..	..	..	..
	Total	..	..	..	11	1,173¼	77 8 3	..	..	..	11	1,173¼	77 8 3
Malabar	Cannanore	1	53	3 5 6	11	989	105 1 0	..	..	..	12	1,042	108 6 6
	Tellicherry	1	28	1 12 0	12	2,135	166 7 6	..	..	..	13	2,163	168 3 6
	Kallai	..	..	..	..	..	..	..	..	..	..	..	..
	Badagara	..	..	..	..	..	..	..	..	..	..	..	..
	Quilandy	..	..	..	..	..	..	..	..	..	..	..	..
	Calicut	27	1,957	177 4 0	75	8,973	915 13 0	..	..	..	102	10,930	1,093 1 0
	Jeypore	..	..	..	..	..	..	..	..	..	..	..	..
	Tanur	..	..	..	..	..	..	..	..	..	..	..	..
	Ponáni	..	..	..	..	..	..	..	..	..	..	..	..
	Chávakád	..	..	..	..	..	..	..	..	..	..	..	..
	Cochin	1	613	76 10 0	2	1,543	192 14 0	..	..	..	3	2,156	269 8 0
	Total	30	2,651	258 15 6	100	13,640	1,380 3 6	..	..	..	130	16,291	1,639 3 0
South Canara	Mangalore	104	2,513	78 4 10	79	4,782	349 6 0	4	91	2 14 9	187	7,366	430 9 7
	Mulki	1	112	10 7 8	..	..	..	..	..	..	1	112	10 7 8
	Manjashwar	..	..	..	..	..	..	..	..	..	..	..	..
	Kumbla	..	..	..	..	..	..	..	..	..	..	..	..
	Kasaragód	..	..	..	..	..	..	..	..	..	..	..	..
	Malpe	41	536	17 9 5	19	392	16 2 8	..	..	..	60	928	33 12 1
	Barkur	117	2,159	46 14 11	164	3,364	84 11 10	1	26	1 10 0	282	5,549	132 4 9
	Coondapoor	6	128	5 5 1	6	75	2 4 0	..	..	..	12	203	7 9 1
	Baindur	..	..	..	..	..	..	..	..	..	..	..	..
	Total	269	5,448	157 9 11	268	8,593	452 8 6	5	117	4 8 9	542	14,158	614 11 2
	Madras	1	1,172	247 0 0	55	65,097	3,749 0 0	..	..	..	56	66,269	3,996 0 0

APPENDIX B—*cont.*

Foreign Vessels—*cont.*

Left.

Districts.	Ports.	In ballast.			With cargo.			With passengers.			Total.		
		Vessels.	Tonnage.	Port dues.	Vessels.	Tonnage.	Port dues.	Vessels.	Tonnage.	Port dues.	Vessels.	Tonnage.	Port dues.
		63	64	65	66	67	68	69	70	71	72	73	74
				RS. A. P.			RS. A. P.			RS. A. P.			RS. A. P.
Madura	Kilakarai	..	..	..	..	..	..	..	..	..	..	..	..
	Davipatam	..	..	..	..	..	..	..	..	..	..	..	..
	Tondy	..	..	..	..	..	..	..	..	..	..	..	..
	Pámban	..	..	..	..	..	..	..	..	..	..	..	..
	Total	..	..	..	..	..	..	..	..	..	..	..	..
Tinnevelly	Tuticorin	..	..	..	11	1,173¼	..	..	..	..	11	1,173¼	..
	Kulásekharapatnam	..	..	..	..	..	..	..	..	..	..	..	..
	Káyalpatnam	..	..	..	..	..	..	..	..	..	..	..	..
	Total	..	..	..	11	1,173¼	..	..	..	..	11	1,173¼	..
Malabar	Cannanore	1	33	..	10	1,000	..	..	..	..	11	1,033	..
	Tellicherry	10	625	..	2	783	..	..	..	..	12	1,408	..
	Kallai	..	..	..	..	..	..	..	..	..	..	..	..
	Badagara	..	..	..	..	..	..	..	..	..	..	..	..
	Quilandy	..	..	..	..	..	..	..	..	..	..	..	..
	Calicut	6	192	..	99	11,289	..	..	..	..	104	11,481	..
	Beypore	..	..	..	..	..	..	..	..	..	..	..	..
	Tanur	..	..	..	..	..	..	..	..	..	..	..	..
	Ponáni	..	..	..	..	..	..	..	..	..	..	..	..
	Chávakád	..	..	..	..	..	..	..	..	..	..	..	..
	Cochin	..	..	..	3	2,156	..	..	..	..	3	2,156	..
	Total	16	850	..	114	15,228	..	..	..	..	130	16,078	..
South Canara	Mangalore	10	803	..	181	6,674	..	..	..	..	191	7,477	..
	Mulki	..	..	..	1	112	..	..	..	..	1	112	..
	Manjashwar	..	..	..	..	..	..	..	..	..	1	..	..
	Kumbla	..	..	..	..	..	..	..	..	..	1	..	..
	Kasaragód	..	..	..	..	..	..	..	..	..	1	..	..
	Malpe	22	128	..	32	732	..	1	17	..	55	877	..
	Barkur	4	59	..	272	5,237	..	..	..	..	276	5,326	..
	Coondapoor	4	38	..	8	165	..	..	..	..	12	203	..
	Baindur	..	..	..	..	..	..	..	..	..	..	..	..
	Total	40	1,058	..	494	12,920	..	..	..	..	535	13,995	..
	Madras	2	2,424	..	54	63,345	..	1	17	..	56	66,269	..

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APPENDIX B—*cont.*

Native Crafts.

Arrived.

Districts.	Ports.	In ballast.			With cargo.			With passengers.			Total.		
		Vessels.	Tonnage.	Port dues.	Vessels.	Tonnage.	Port dues.	Vessels.	Tonnage.	Port dues.	Vessels.	Tonnage.	Port dues.
		75	76	77	78	79	80	81	82	83	84	85	86
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Madura	Kilakarai	657	10,214	164 14 10	214	14,266½	584 15 8	204	2,604½	44 14 9	1,075	27,084½	794 13 3
	Devipatam	256	6,090	20 7 0	329	4,604½	97 9 6	1,376	80,390	150 1 0	1,960	91,084½	268 1 6
	Tondy	260	8,104	..	279	17,856	455 12 9	28	483½	26 7 3	567	25,443½	481 4 0
	Pámban	..	..	..	1,310	22,225¼	569 6 4	..	..	..	1,310	22,225¼	569 5 4
	Total ..	1,173	24,408	185 5 10	2,132	58,952	1,707 11 3	1,607	83,478	220 7 0	4,912	166,838	2,113 8 1
Tinnevelly ..	Tuticorin	62	2,368	19 2 0	480	25,841½	729 1 10	366	29,011	572 3 4	908	57,220½	1,320 7 2
	Kulasekharapatnam	248	9,407	..	561	26,453½	533 7 0	9	256½	..	818	36,117	533 7 0
	Káyalpatnam	222	4,774	16 5 5	385	10,286	183 5 10	7	69	..	614	15,129	199 11 3
	Total ..	532	16,549	35 7 5	1,426	62,581	1,446 14 8	382	29,336½	572 3 4	2,340	108,466½	2,053 9 5
Malabar	Cannanore	572	12,559	232 1 3	1,433	37,592	763 13 0	1	78	4 14 0	2,006	50,229	1,000 12 3
	Tellicherry	663	18,681	139 8 6	1,186	33,458	767 8 9	..	..	..	1,849	52,139	907 1 3
	Kallai	270	6,413	102 9 3	297	7,619	226 12 0	..	..	..	567	14,032	329 5 3
	Badagara	378	11,841	439 9 0	742	26,716	490 3 3	..	..	..	1,120	38,557	929 12 3
	Quilandy	166	4,322	124 14 0	315	9,681	218 3 0	..	..	..	483	14,003	343 1 0
	Calicut	787	36,487	1,427 14 6	3,136	143,726	2,788 1 0	..	..	..	3,923	180,213	4,215 15 6
	Beypore	456	15,811	393 11 6	962	33,423	281 9 3	..	..	..	1,418	49,234	675 4 9
	Tanur	62	1,662	93 5 0	33	993	41 8 0	..	..	..	95	2,655	134 13 0
	Ponáni	178	10,554	536 14 0	540	34,858	674 10 0	..	..	..	718	45,412	1,210 8 0
	Chávakád	4	40	..	24	3,919	116 3 0	..	..	..	28	3,959	116 3 0
	Cochin	873	23,113	1,010 10 0	2,237	85,478	1,577 15 0	..	..	..	3,110	108,591	2,588 9 0
	Total ..	4,411	141,483	4,500 1 0	10,905	417,463	7,946 6 3	1	78	4 14 0	15,317	559,024	12,451 5 3
South Canara ..	Mangalore	431	11,410	261 5 7	1,560	41,137	1,597 8 8	56	1,535	57 1 3	2,047	54,382	1,915 15 6
	Mulki	116	2,559	31 13 10	157	3,173	85 7 9	..	..	..	272	5,732	117 5 7
	Manjashwar	59	850	6 13 8	67	1,081	22 0 0	..	..	..	126	1,931	29 13 8
	Kumbla	54	893	10 0 3	74	1,211	23 7 6	..	..	..	138	2,104	33 7 9
	Kasaragód	150	1,559	6 10 10	237	3,411	35 3 2	..	..	..	387	4,970	41 14 0
	Malpe	379	2,374	21 2 8	282	6,127	201 2 11	..	..	..	661	8,501	222 5 7
	Barkur	128	1,576	20 4 2	276	4,477	97 15 6	..	..	..	404	6,053	118 3 8
	Coondapoor	402	5,606	114 12 5	343	6,760	255 3 2	..	..	..	745	12,366	369 15 7
	Baindur	113	1,600	15 6 9	53	670	15 14 6	..	..	..	166	2,270	31 5 3
	Total ..	1,831	28,427	489 6 2	3,049	68,047	2,333 15 2	56	1,535	57 1 3	4,936	98,309	2,880 6 7
	Madras	16	1,546	145 0 0	65	8,096⅝	871 0 0	..	..	..	81	9,642⅝	1,016 0 0

APPENDIX B—*cont.*

Native Crafts—*cont.*

Left.

Districts.	Ports.	In ballast.			With cargo.			With passengers.			Total.		
		Vessels.	Tonnage.	Port dues.	Vessels.	Tonnage.	Port dues.	Vessels.	Tonnage.	Port dues.	Vessels.	Tonnage.	Port dues.
		87	88	89	90	91	92	93	94	95	96	97	98
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Madura	Kilakarai	38	1,001	..	96	7,369¾	..	426	6,299	..	560	14,669¾	..
	Devipatam	163	2,260	..	107	2,892¾	..	723	40,469½	..	993	45,621¼	..
	Tondy	109	1,469	..	67	977	..	..	..	..	176	2,446	..
	Pámban	356	7,689¾	..	343	8,630¾	..	726	8,002	..	1,425	24,322½	..
	Total ..	666	12,419¾	..	613	19,869½	..	1,875	54,770½	..	3,154	87,060	..
Tinnevelly ..	Tuticorin	215	6,559¼	..	570	18,454½	..	311	29,832½	..	1,096	54,846½	..
	Kulasekharapatnam	57	5,305½	..	297	10,184½	..	51	2,42½	..	405	17,911½	..
	Káyalpatnam	92	2,236	16 5 5	216	5,351	30 13 3	2	10	..	310	7,597	47 2 8
	Total ..	364	14,101	16 5 5	1,083	33,989¾	30 13 3	364	32,264½	..	1,811	80,355	47 2 8
Malabar	Cannanore	289	7,072	..	701	18,320	..	..	..	..	990	25,392	..
	Tellicherry	480	14,054	..	443	12,055	..	..	..	..	923	26,109	..
	Kallai	119	2,462	..	151	3,951	..	..	..	..	270	6,413	..
	Badagara	116	2,949	..	436	16,106	..	..	..	..	551	19,056	..
	Quilandy	81	2,012	..	159	4,895	..	..	..	..	240	6,907	..
	Calicut	197	7,055	..	1,762	82,906	..	..	..	..	1,959	89,961	..
	Beypore	52	2,742	..	652	21,500	..	..	..	..	704	24,042	..
	Tanur	17	460	..	80	2,317	..	..	..	..	97	2,777	..
	Ponáni	22	1,288	..	338	21,532	..	..	..	..	360	22,820	..
	Chávakád	3	30	..	12	2,041	..	..	..	..	15	2,071	..
	Cochin	89	2,710	..	1,459	50,915	..	..	..	..	1,548	53,625	..
	Total ..	1,464	42,774	..	5,193	236,338	..	..	..	..	7,957	279,112	..
South Canara ..	Mangalore	305	7,150	..	1,757	47,678	..	..	..	..	2,062	54,828	..
	Mulki	35	608	..	233	5,053	..	..	..	..	268	5,661	..
	Manjashwar	21	361	..	105	1,573	..	..	..	..	126	1,934	..
	Kumbla	11	188	..	116	1,900	..	..	..	..	127	2,088	..
	Kasaragód	42	357	..	345	4,541	..	..	..	..	387	4,898	..
	Malpe	259	2,742	..	383	5,641	..	7	104	..	649	8,487	..
	Barkur	64	750	..	336	5,198	..	..	..	..	400	5,948	..
	Coondapoor	142	1,551	..	587	10,834	..	5	202	..	744	12,587	..
	Baindur	40	593	..	128	1,709	..	..	..	..	168	2,302	..
	Total ..	919	14,300	..	3,990	84,127	..	22	306	..	4,931	98,733	..
	Madras	25	3,480⅛	..	57	6,616¾	..	..	..	..	82	10,096⅞	..

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APPENDIX B—*cont.*

Total.

Arrived.

Districts.	Ports.	In ballast.			With cargo.			With passengers.			Total.		
		Vessels.	Tonnage.	Port dues.	Vessels.	Tonnage.	Port dues.	Vessels.	Tonnage.	Port dues.	Vessels.	Tonnage.	Port dues.
		99	100	101	102	103	104	105	106	107	108	109	110
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Madura	Kílakarai	657	10,214	154 14 10	214	14,256½	584 15 8	204	2,604½	44 14 9	1,075	27,084½	794 13 3
	Davipatam	256	3,090	20 7 0	329	4,604½	97 9 6	1,375	80,390	160 1 0	1,960	91,084½	268 1 6
	Tondy	260	3,104	..	272	17,856	455 12 9	28	483½	25 7 3	567	26,443½	481 4 0
	Pámban	14	4,004	..	1,635	60,316½	1,355 4 11	5	1,287	241 5 0	1,554	65,606½	1,596 9 11
	Total ..	1,187	28,412	185 5 10	2,357	97,032	2,493 10 10	1,612	84,765	461 12 0	5,156	210,219	3,140 12 8
Tinnevelly ..	Tuticorin	62	2,368	15 2 0	629	217,876½	13,216 9 7	406	88,207	11,690 15 4	1,097	308,551½	24,925 10 11
	Kulasekharapatnam ..	248	9,807	..	561	26,453½	533 7 0	9	256½	..	818	36,117	533 7 0
	Káyalpatnam	223	4,774	16 5 5	385	10,285	183 5 10	7	69	..	614	15,129	199 11 3
	Total ..	532	16,549	35 7 5	1,575	254,615½	13,932 6 5	422	88,632½	11,690 15 4	2,529	359,797½	25,658 13 2
Malabar	Cannanore	573	12,612	235 6 9	1,699	257,571	1,999 11 6	1	78	4 14 0	2,173	270,061	2,240 0 3
	Tellicherry	666	19,814	332 13 6	1,391	306,016	4,260 11 9	..	..	..	2,057	325,830	4,593 9 3
	Kallai	270	6,413	103 9 3	297	7,619	226 12 0	..	..	..	567	14,032	329 5 3
	Badagara	379	13,312	439 9 0	782	90,829	842 5 3	..	..	..	1,161	104,041	1,281 14 3
	Quilandy	168	4,322	124 14 0	315	9,681	218 3 0	..	..	..	483	14,003	343 1 0
	Calicut	814	38,444	1,605 2 6	3,394	419,780	11,774 11 0	..	..	..	4,208	458,224	13,379 13 6
	Beypore	456	15,811	393 11 6	976	51,395	1,864 14 3	..	..	..	1,432	67,206	2,258 9 9
	Tanur	62	1,662	93 5 0	33	993	41 8 0	..	..	..	95	2,655	134 13 0
	Ponáni	178	10,554	535 14 0	541	36,329	674 10 0	..	..	..	719	46,883	1,210 8 0
	Chávakád	4	40	..	24	3,919	116 3 0	..	..	..	28	3,959	116 3 0
	Cochin	873	26,092	1,334 9 0	2,496	383,420	36,850 1 3	..	..	..	3,374	409,512	38,184 10 6
	Total ..	4,448	149,076	5,197 14 6	11,848	1,567,352	58,869 11 3	1	78	4 14 0	16,297	1,716,606	64,072 7 9
South Canara ..	Mangalore	535	15,923	339 10 5	1,747	166,263	4,504 2 5	69	1,926	69 3 0	2,342	184,112	4,903 13 1
	Mulki	116	2,671	42 5 6	157	3,173	85 7 9	..	..	..	273	5,844	127 13 3
	Manjashwar	59	859	7 13 8	67	1,081	22 0 0	..	..	..	126	1,931	29 13 8
	Kumbla	54	893	10 0 3	74	1,311	23 7 8	..	..	..	128	2,104	33 7 9
	Kasaragód	150	1,559	6 10 10	237	3,411	35 3 2	..	..	..	387	4,970	41 14 0
	Malpe	420	2,910	38 12 1	336	12,398	343 0 5	..	..	..	756	15,308	381 12 6
	Barkur	245	3,735	66 3 1	440	7,841	182 11 4	1	26	1 10 0	686	11,602	250 8 5
	Coondapoor	408	5,734	120 1 6	382	12,547	257 7 2	..	..	..	790	18,281	377 8 8
	Baindur	113	1,600	15 6 9	53	670	16 14 6	..	..	..	166	2,270	31 6 3
	Total ..	2,100	33,875	647 0 1	3,492	210,595	5,469 6 6	61	1,952	61 10 0	5,653	246,422	6,178 0 7
	Madras	26	15,504	2,853 0 0	585	875,414½	114,870 0 0	..	..	..	611	890,978½	117,723 0 0

APPENDIX B—*cont.*

Total—*cont.*

Left.

Districts.	Ports.	In ballast.			With cargo.			With passengers.			Total.		
		Vessels.	Tonnage.	Port dues.	Vessels.	Tonnage.	Port dues.	Vessels.	Tonnage.	Port dues.	Vessels.	Tonnage.	Port dues.
		111	112	113	114	115	116	117	118	119	120	121	122
				Rs. A. P.			Rs. A. P.			Rs. A. P.			Rs. A. P.
Madura	Kílakarai	38	1,001	..	96	7,359½	..	426	6,299	..	560	14,659½	..
	Davipatam	163	2,260	..	107	2,862½	..	723	40,459½	..	993	45,631½	..
	Tondy	109	1,469	..	67	977	..	..	..	..	176	2,446	..
	Pámban	370	11,693½	..	568	46,729½	..	731	9,289	..	1,669	67,703½	..
	Total ..	680	16,423½	..	838	57,959½	..	1,880	56,057½	..	3,398	130,441	..
Tinnevelly ..	Tuticorin	215	6,559½	..	718	208,972	..	351	89,128½	..	1,284	304,660½	..
	Kulasekharapatnam ..	57	5,305½	..	297	10,134½	..	51	2,421½	..	405	17,911½	..
	Káyalpatnam	92	2,236	16 5 5	216	5,351	30 13 3	2	10	..	310	7,597	47 2 8
	Total ..	364	14,101	16 5 5	1,231	224,507½	30 13 3	404	91,560½	..	1,999	330,168½	47 2 8
Malabar	Cannanore	297	12,552	..	859	232,663	..	..	..	..	1,156	245,215	..
	Tellicherry	493	17,986	..	640	281,796	..	..	..	..	1,133	299,782	..
	Kallai	119	2,462	..	151	3,951	..	..	..	..	270	6,413	..
	Badagara	116	2,949	..	477	81,690	275 13 0	..	..	..	592	84,639	275 13 0
	Quilandy	81	2,012	..	159	4,895	..	..	..	..	240	6,907	..
	Calicut	202	7,247	..	2,044	361,276	..	..	..	..	2,246	368,523	..
	Beypore	52	2,742	..	666	39,272	..	..	..	..	718	42,014	..
	Tanur	17	400	..	80	2,317	..	..	..	..	97	2,717	..
	Ponáni	22	1,288	..	339	23,003	..	..	..	..	361	24,291	..
	Chávakád	3	30	..	12	2,041	..	..	..	..	15	2,071	..
	Cochin	103	5,765	..	1,704	551,114	110 11 6	..	..	..	1,807	556,879	110 11 6
	Total ..	1,504	55,433	..	7,131	1,384,018	386 8 6	..	..	..	8,635	1,439,451	386 8 6
South Canara ..	Mangalore	315	7,953	..	2,046	176,716	..	..	..	..	2,361	184,669	..
	Mulki	35	608	..	234	5,165	..	..	..	..	269	5,773	..
	Manjashwar	21	361	..	105	1,573	..	..	..	..	126	1,934	..
	Kumbla	11	188	..	116	1,900	..	..	..	..	127	2,088	..
	Kasaragód	42	357	..	345	4,541	..	..	..	..	387	4,898	..
	Malpe	281	2,870	..	449	12,252	..	8	121	..	738	15,243	..
	Barkur	68	839	..	608	10,435	..	..	..	..	676	11,274	..
	Coondapoor	146	1,589	..	628	16,711	..	15	202	..	789	18,502	..
	Baindur	40	593	..	128	1,709	..	..	..	..	168	2,302	..
	Total ..	959	15,358	..	4,659	231,002	..	23	323	..	5,641	246,683	..
	Madras	108	138,380½	..	505	754,781½	..	..	..	..	613	893,161½	..

From Captain H. A. STREET, H.M.'s I.M., Presidency Port Officer, Madras, to the Chief Secretary to Government, dated Madras, 24th October 1889, No. 697—478-G.

The Port Fund Accounts for the official year 1888-89 having been revised in accordance with the instructions contained in G.O., No. 15, Marine, dated 17th January 1888, I have the honor to submit herewith, for the information of Government, a statement showing the financial position of the ports of this Presidency as it stood on the 31st March 1889. This statement forms Appendix C to the Administration report of the Port Department of this Presidency for 1888-89, submitted with my letter No. 519-387-G, dated 9th September 1889, and the several stages showing how the receipts and charges for the year 1888-89 have been arrived at, and the data on which the distribution of receipts and charges were made are explained in the other Appendices C (i), C (i-*a*), C (ii), C (iii), C (iii-*a*), C (iv). Coasting steamers' dues (refunds excluded), General charges and Light-house charges have been distributed on the lines laid down in G.O., No. 15, Marine, dated 17th January 1888, and the General and Administration receipts, for the distribution of which no specific instructions were given in that order, have been distributed to all the ports of this Presidency in proportion to the total tonnage of vessels which entered the ports during the year as per draft rule No. 6, submitted for the approval of the Government of India in G.O., No. 323, Marine, dated 26th July 1889.

2. Appendix C (v) shows the true financial position of the ports grouped in districts on the 31st March 1889, and also receipts and charges of each district compared with the estimate for a year specified in Appendix G to G.O., No 171, dated 24th April 1889; and explanation accounting for the increase and decrease of receipts and charges for 1888-89 over and below the estimate for a year is furnished in the accompanying statement marked (C-viii). Dealing with the District Funds in the order in which they stand, I beg to state as follows:—

Ganjam.—The balance of this district for the year 1888-89 resulting in a deficit is, in a great measure, due to large amount of charges on account of Gopálpur Pier, the question of dismantling which is now before Government. Eliminating therefore from both sides of the account the receipts and charges on account of the pier, and taking into consideration only the ordinary receipts and charges of the district, they may safely be estimated at Rs. 8,900 and 11,600, respectively, which would result in a yearly deficit of about Rs. 2,700 against an estimated surplus of Rs. 17,200— as per Appendix G to G.O., No. 171, dated 24th April 1889. In this appendix the estimate of receipts for a year was set down as Rs. 28,522 as the refund of public works charges on account of the pier paid by the Public Works Department to the credit of the Port Fund of this district in 1886-87, amounting to Rs. 34,852, has raised the average for a year to such a large figure. The transfer from the Madras Port Fund balance of Rs. 1,74,741, the sum that remained to the debit of Ganjam on the 31st March 1888, not having been as yet effected and treated as a loan to that district, I am of opinion that it serves no good end at present to raise the loan, as the district is expected to have an annual deficit and will not be in a position to pay even the interest on its loan. Should there be found any surplus left on the levy of the enhanced rate of port dues on foreign vessels (as per notification of Government, No. 88, Marine, dated 23rd August 1889) sufficient to pay the interest on its loan and a part payment towards the loan, I will address Government in the matter, and in the mean time, the question of raising the loan, I consider, should be deferred.

Vizagapatam.—Receipts and charges of this district for 1888-89 resulted in a deficit of Rs. 3,695 against an estimated deficit of Rs. 503 for a year. The increase in deficit being chiefly due to fall in coasting steamer dues at Bimlipatam and Vizagapatam. The balance at the credit of this district on the 31st March 1889 was Rs. 90,720, which, if vested in Government securities, would yield an interest of Rs. 3,600, just sufficient to meet the annual deficit of the district, but leaves nothing to expend on port improvements.

Godávari.—In this district there was a deficit of Rs. 6,125 against the estimated deficiency of Rs. 2,551, the increase being due to fall in port dues and rise in light-house and sundry charges. The enhanced rate of port dues having been ordered to be levied on foreign vessels in this district from 1st January 1890, it is expected that in the long run, the receipts and charges will rise to an equilibrium and will also leave a small surplus to meet cost of improvements of the ports in this district.

Kistna.—In this district transactions of the year 1888-89 disclosed a deficit balance of Rs. 3,115 against an estimated deficit of Rs. 1,908 for a year, the increase being due to a slight fall in port dues below the average of the past 3 years and also to a small increase in public works and sundry charges of the ports in the district. The maximum rate of port dues on foreign vessels having been ordered to be levied in this district also from 1st January 1890, the receipts and charges may be brought into an equilibrium, and to meet the cost of improvements of the ports in this district, it is necessary that some reduction should be made in the charges, and I have, in my letter to Government, No. 472—410-G, dated 20th September 1889, submitted my proposals in respect thereto.

Nellore, Chingleput and South Arcot.—Each of these districts had a credit balance for the year 1888-89 and had funds to their credit on the 31st March 1889. In the case of these three districts, the estimate for a year, as per Appendix G in G.O., No. 171, dated 24th August 1889, was correct.

Tanjore.—The deficit in this district for 1888-89 amounted to Rs. 22,295 against an estimate of Rs. 4,152, *i.e.*, Rs. 18,443 more than the estimate. The increase being chiefly due to charges on account of unusual public works expenditure, such as filling in the boat basin, extension and repair of groynes * and to expenses on account of dredger, the working of which has been of late discontinued at the port of Negapatam. The increased rate of port dues on foreign vessels have been ordered to be levied at the ports of this district from 1st January 1890, and it is expected that in future years there may accrue some savings which can be utilized for the improvements of the ports. In the mean time, it will be necessary for the Harbour Committee appointed under Act III of 1885 to defray necessary expenses in connection with the dredging of the river in the vicinity of the landing place.

* Jetty walls.

Madura.—This district had a deficit of Rs. 3,196 in 1888-89 against an estimated surplus of Rs. 5,185, the decrease being chiefly due to the pilotage surplus of Pámban for 1888-89 not being added to the receipts of this district as has been done hitherto, but shown in a separate account [Appendix C (vi-*d*)]. The Port Fund balance of this district on the 31st March 1888 has also to be modified in the manner specified in paragraph 5, which wipes off the balance that remained to the credit of the district on 31st March 1888 as a part set-off against the refund of pilotage surplus credited each year to the Port Fund accounts of the district from 1881-82 to 1887-88. This will leave the district without any fund to its credit on the 31st March 1888, and a deficit balance of Rs. 3,196 for 1888-89. The ordinary receipts of the ports in this district will not cover the annual charges, and it is not possible to effect any reductions in the general port arrangements without interfering with the efficiency of the ports; it will therefore be necessary to raise the port dues.

Tinnevelly.—In this district there was a deficit of Rs. 3,268 against an estimated surplus of Rs. 2,600, the increase in charges being due to pier charges, port tramway and construction of tidal observatory. The ordinary receipts of the ports in this district will cover the annual ordinary charges, and any excess charges on account of pier and charges on account of cost of improvements of the ports can be met from the interest realized on its credit balance.

Malabar.—The actual surplus in this district for the year 1888-89 was far greater than the estimated sum for a year, and the transactions of the year had the effect of raising the credit balance from Rs. 1,24,880 on the 31st March 1888 to Rs. 1,50,470 on the 31st March 1889, thus resulting in a surplus of Rs. 25,590.

South Canara.—This district had a surplus of Rs. 2,438 against an estimated deficit of Rs. 731, the surplus being due to excess receipts under Port Dues, General Receipts and Sundry Receipts. Enhanced rate of port dues on foreign vessels have been ordered to be levied in this district, and the surplus receipts accruing thereby and the interest realized on the credit balance of the district will be utilized for effecting improvements in the ports.

Madras.—The transactions of the year 1888-89 resulted in a large surplus of Rs. 55,215, and had the effect of raising the credit balance from Rs. 6,68,179 on 31st March 1888 to Rs. 7,23,394 on the 31st March 1889.

3. Speaking generally of the financial position of the districts in the eastern and western groups, it will have to be stated that the transactions of the East Coast districts (Madras excepted) resulted in a net deficit balance of Rs. 52,256 during the year 1888-89, and this had the effect of reducing the credit balance of Rs. 30,116 of all the districts on the 31st March 1888, to a deficit balance of Rs. 22,140 on the 31st March 1889. Government have in their Order, No. 292, Financial, dated 15th March 1889, sanctioned a grant from Provincial Funds, amounting to Rs. 72,484, to wipe off the deficit on the 31st March 1888 in the districts of Godávari, Tanjore and Kistna, and this sum has not been as yet paid to the credit of Port Funds. When this payment is effected, the eastern group districts (excluding Madras) will have a credit balance instead of a deficit one. The credit balance of the western group districts rose from Rs. 1,50,674 to Rs. 1,78,702 during the last official year. The port of Madras greatly benefited by the transactions of 1888-89 which resulted in a credit balance of Rs. 55,125, and taking the whole Port Fund account of the Presidency into consideration, I beg to point out that the transactions for the year 1888-89 resulted in a credit balance of Rs. 30,987, which raised the total amount at the credit of the Port Funds on the 31st March 1888, viz., Rs. 8,48,969 to Rs. 8,79,956 on the 31st March 1889, resulting in a surplus of Rs. 30,987. The balance of the Port Fund on the 31st March 1889 has been found to agree with the figures on the books of the Accountant-General—*vide* copy of his letter No. 3277, dated 14th September 1889 (enclosed).

4. As directed in paragraph 16 of G.O., No. 171, Marine, dated 24th April 1889, separate accounts showing receipts and charges of the Pilotage funds at Pámban, Cochin and Madras [Appendices C (vi-*a*), C (vi-*b*) C (vi-*c*),] and the balance remaining on the 31st March 1889 to their respective accounts [Appendix C (vi-*d*)] are also submitted herewith, and these were agreed with the figures on the books of the Accountant-General with the exception of items of charges at Páuban and Cochin from 1875-76 to 1880-81, which the Accountant-General states are not traceable separately in the books of his office. In respect to Appendix C (vi-*d*), I beg to observe that the balance shown against Madras is the balance of receipts and charges from 1881-82, the year in which the pilotage system was introduced into the Port of Madras, excepting the transactions from 1st July 1888 to 31st March 1889, for which separate accounts have not been as yet submitted by the Chairman, Harbour Trust Board, as directed in G.O., No. 365, Marine, dated 15th August 1889, and on receipt of this account the surplus balance of these months will be added to the balance now shown in Statement C (vi-*d*). The balances at Pámban and Cochin are those of the transactions from 1875-76 to 1888-89. The surplus collections at these ports for 1888-89 have not been as usual carried to the credit of Port Funds as "Surplus Pilotage Receipts," but are shown separately in Appendix C (vi-*d*) and were added to the balances on these accounts on the 31st March 1888.

5. In respect to the order of Government that the balances of the pilotage transactions at Pámban and Cochin from 1875-76 to 1888-89 should be shown separately and that the Port Fund balances of the districts of Madura and Malabar, to which the surplus collections of pilotage at those ports have been credited, should be modified, I beg to point out that it will not materially affect the balance of the Malabar district, if Rs. 12,516-1-8 should be deducted therefrom and credited to Pilotage account of Cochin, as this district had to its credit on the 31st March 1888 a large surplus balance of Rs. 1,24,880; but it will seriously embarrass the District Port Fund of the Madura district, of the Pámban accounts are separated, as it will have to refund Rs. 70,909-11-3, being the balance of transactions from 1881-82 to

1887-88 that remained to the credit of Pámban Pilotage on the 31st March 1888, while the district had to its credit on that date only Rs. 22,853-11-8. It was the surplus of the collections of the pilotage accounts during the years 1881-82 to 1887-88 that was credited to *Port Funds* of Pámban and the surplus for the years prior to 1881-82, viz, 1875-76 to 1880-81, was credited to *Provincial* as the pilotage transactions of these years appeared under *Marine, Provincial.* The balance that remained to the credit of the pilotage account of Pámban on the 31st March 1881 was Rs. 87,893-14-5, and this sum will have to be refunded from provincial sources. The total balance that remained to the credit of the Pámban pilotage account on the 31st March 1888 would thus amount to Rs. 1,58,803-9-8, which, when added to the credit balance of 1888-89, viz, Rs. 10,311-12-2, raised the total credit balance to Rs. 1,69,115-5-10 on the 31st March 1889. Turning to the question of Pilotage balances of Pámban of the years 1881-82 to 1887-88, amounting to Rs. 70,909-11-3, being refunded from the Madura Port Fund balance, it should be stated, that, taking the whole Port Fund balance that remained to the credit of the district on the 31st March 1888, viz, Rs. 22,853-11-8, as a part set-off towards the pilotage balance, the remainder, Rs. 48,055-15-7, will have to be met by a grant from Provincial Revenues. This procedure would leave no balance to the credit of the Madura Port Fund on the 31st March 1888, and proposals in respect to the raising of funds in this district to meet the current charges and charges towards cost of improvements are submitted in paragraph 2 *supra* against the district of Madura.

6. A separate statement (Appendix C., vii) showing receipts and charges of the landing and shipping dues at Cocanada under Act III of 1883, and the balance that remained to the credit of that account on the 31st March 1889, is also submitted herewith.

7. Taking into account the financial condition of the different districts in the eastern group, I am of opinion that it is necessary to raise the port dues in the case of foreign vessels calling at more than one port within the eastern group under column 2 of schedule (*c*) and (*d*) from $1\frac{1}{2}$ annas to $2\frac{1}{2}$ annas in each case, and in the case of coasting ships (*c*) from 1 anna to $1\frac{1}{2}$ annas per ton; also to raise the dues on foreign vessels calling at a single port in the Vizagapatam district from 2 to 3 annas a ton, and if the amount of these enhanced dues should not be sufficient, then to divide the eastern group ports into two distinct groups, one to the north and the other to the south of Madras, and to charge 2 annas a ton in the case of a coasting steamer calling at one or more ports in each of these separate groups, and 3 annas in the case of a steamer when calling at one or more ports in one group only.

8. The large balances remaining to the credit of the different pilotage accounts will be useful in meeting charges on account of dredging, which, I submit, is a charge which should be met from such funds at the ports at which such dues are levied, and beyond recommending that these balances should be for the present invested in Government securities, I am not prepared to propose any reduction in the fees now levied until dredging operations at Madras, Pámban and Cochin have been carried out.

Read—also the following letter from the same officer:—

No. 697—530-G., dated 7th December 1889.

APPENDIX C.

STATEMENT showing the Financial Position of each Port on the 31st March 1889, as revised in accordance with G.O., No. 15, Marine, dated 17th January 1888.

Districts.	Names of Ports.	Balance on 31st March 1888.		1888-89.		Balance on 31st March 1889.	
		At credit.	At debit.	Receipts as per Appendix C (i).	Charges as per Appendix C (iii).	At credit.	At debit.
	Eastern Group.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Ganjam	Ganjam	..	8,518 11 5	..	..	..	8,518 11 5
	Gopálpur	..	1,96,533 4 0	6,929 3 7	21,146 3 6	..	2,10,750 3 11
	Sonapur	..	711 2 9	48 2 5	130 10 11	..	793 11 3
	Barwah	1,697 2 7	..	1,218 8 9	1,190 6 1	1,725 5 3	..
	Pundi	..	599 4 0	93 13 5	118 13 2	..	624 3 9
	Bapanapada	55 6 1	..	..	..	55 6 1	..
	Calingapatam	29,868 11 0	..	4,270 8 5	4,627 15 10	29,511 3 7	..
Vizagapatam	Conada	..	..	..	..	..	..
	Bimlipatam	68,639 8 1	..	10,216 5 9	11,279 3 2	67,576 10 8	..
	Vizagapatam	25,553 14 9	..	8,280 0 10	10,999 0 10	22,834 14 9	..
	Pudimadaka	39 6 11	..	86 0 8	..	125 7 7	..
	Pentakota	182 13 1	..	..	..	182 13 1	..
Godávari	Uppada	..	..	..	..	..	..
	Cocanada	..	64,038 14 5	23,021 8 8	29,209 11 5	..	70,227 1 2
	Coringa	698 12 11	..	39 8 3	12 9 4	725 11 10	..
	Bendamanlanka	..	..	..	..	..	..
	Narsápur	263 4 10	..	47 0 11	10 13 1	299 8 8	..
	Parupalem	..	..	..	..	..	..
Kistna	Masulipatam	..	1,365 7 9	9,209 13 6	12,549 0 5	..	4,704 10 8
	Pennumudi	..	30 9 8	0 1 0	0 8 6	..	31 1 2
	Moratota	..	19 15 11	..	..	..	19 15 11
	Nagayalanka	..	..	..	..	..	..
	Kottupalem	..	861 12 7	4 11 10	30 11 6	..	887 12 3
	Gungadipalem	..	18 9 9	0 4 6	2 5 2	..	20 10 5
	Nizampatam	714 4 4	..	196 0 1	31 7 5	878 13 0	..
	Iparupálem	914 2 3	..	136 8 2	39 6 7	1,011 3 10	..
	Baduranipalem	0 2 10	..	..	..	0 2 10	..
	Motupalli	..	50 4 1	1 4 6	10 9 7	..	59 9 2
Chingleput	Pulicat	3,817 3 8	..	357 15 1	26 0 3	4,149 2 6	..
	Ennore	134 7 5	..	74 4 8	3 15 4	204 12 9	..
	Covelong	387 3 6	..	203 12 2	37 2 9	554 1 11	..
Nellore	Kanuparti	649 13 8	..	..	..	649 13 8	..
	Kottapatam	734 5 10	..	812 12 4	433 3 1	1,113 15 1	..
	Itamukala	5 4 1	..	..	..	5 4 1	..
	Pákala	332 0 9	..	..	..	332 0 9	..
	Kavalu	..	..	..	..	..	..
	Ramayapatam	669 8 2	..	30 9 5	26 13 3	673 4 4	..
	Chinnayapatam	..	22 6 8	..	..	..	22 8 6
	Tummalapenta	6 8 6	..	..	..	6 8 6	..

Districts.	Names of Ports.	Balance on 31st March 1888.		1888-89.		Balance on 31st March 1889.	
		At credit.	At debit.	Receipts as per Appendix C (i).	Charges as per Appendix C (iii).	At credit.	At debit.
Nellore—*cont.*	Juvaladinne	3 2 5	..	0 3 7	1 13 6	1 8 6	..
	Iskapalle	419 8 2	..	31 10 0	19 0 1	432 2 1	..
	Ponnapudi	40 4 10	..	..	..	40 4 10	..
	Mypaud	12 0 0	..	..	..	12 0 0	..
	Kistnapatam	740 5 3	..	244 13 6	32 7 0	952 11 9	..
	Pamanji	30 9 6	..	..	..	30 9 6	..
	Tupuli	12 4 2	..	..	..	12 4 2	..
	Dugarázpatnam	2,512 8 8	..	82 9 1	12 7 9	2,582 10 0	..
	Pudi	10 13 8	..	..	..	10 13 8	..
South Arcot	Merkanam	..	..	..	..	..	..
	Cuddalore	264 6 5	..	21 14 7	..	286 5 0	..
	Porto Novo	9,883 3 1	..	6,501 11 0	5,109 10 11	11,275 3 2	..
		12,780 7 9	..	3,976 10 3	2,243 4 10	14,513 13 2	..
Tanjore	Tirumalavasal	876 13 7	..	894 13 2	1,407 10 1	364 0 8	..
	Kodiumpaliem	104 7 7	..	11 5 0	2 13 3	112 15 4	..
	Tranquebar	13,556 14 8	..	311 8 9	983 9 8	12,884 13 9	..
	Nagore	2,520 12 5	..	316 0 7	86 15 0	2,749 14 0	..
	Negapatam	..	23,897 0 4	22,049 7 8	44,205 0 3	..	46,052 8 11
	Velangani	392 1 6	..	124 3 3	77 5 6	438 15 3	..
	Toputorai	896 14 11	..	115 14 11	147 3 4	865 10 6	..
	Point Calimere	609 7 7	..	71 15 3	..	681 6 10	..
	Mutupettai	..	4,469 12 3	385 12 9	266 5 7	..	4,290 5 1
	Adirámpatnam	158 11 10	..	560 13 4	385 6 8	334 2 6	..
	Gopalapatam	12 10 5	..	47 6 3	8 12 4	51 4 4	..
	Kattumavadi	91 8 2	..	2 9 3	0 8 1	93 9 4	..
	Kistnajeepatam	254 6 11	..	65 9 4	17 3 4	302 12 11	..
	Ammápatam	..	91 11 7	136 3 7	114 13 4	..	70 5 4
	Kottaipatam	229 11 11	..	196 7 0	180 13 11	245 5 0	..
	Sundrapandiapatam	3 3 0	..	..	0 4 6	2 14 6	..
Tinnevelly	Vaippár	70 10 7	..	14 14 6	1 3 9	84 5 4	..
	Tuticorin	1,28,745 11 10	..	19,185 9 4	22,210 0 6	1,25,721 4 8	..
	Koilpatam	..	514 5 3	232 2 5	327 12 9	..	609 15 7
	Kulasekharapatam	..	1,652 10 5	610 14 5	772 6 9	..	1,814 2 9
Madura	Pasipatam	..	1 4 4	..	..	..	1 4 4
	Damodarapatam	..	..	..	..	..	..
	Tondi	..	5 3 4	540 3 0	566 8 6	..	31 8 10
	Nambudalai	45 9 4	..	..	0 8 1	45 1 3	..
	Pudupatam	65 11 9	..	18 6 6	4 2 11	79 15 4	..
	Carungudu	12 11 10	..	..	..	12 11 10	..
	Terupalakudi	20 0 4	..	..	0 4 10	19 11 6	..
	Davipatam	..	9,631 13 4	541 9 4	1,696 12 6	..	10,787 0 6
	Mudiapatam	..	14 12 2	..	..	..	14 12 2
	Attangarai	35 9 8	..	12 2 6	3 0 8	44 11 6	..
	Emanagudu	49 13 6	..	10 6 6	3 0 2	57 3 10	..
	Pillaimadum	50 0 6	..	..	1 2 3	48 14 3	..
	Pámban	28,345 6 6	..	3,641 7 5	6,133 5 2	25,853 8 9	..
	Rámesvaram	290 5 8	..	29 8 9	9 3 9	310 10 8	..
	Mundapum	1,668 7 7	..	190 5 1	61 15 0	1,696 13 8	..
	Vedalai	357 11 7	..	46 9 0	17 8 2	386 12 5	..
	Marakayapatam	135 4 2	..	27 12 3	8 11 4	154 5 1	..
	Muttupettai	232 2 10	..	19 15 9	42 14 9	209 3 10	..
	Kilakarai	468 5 5	..	898 6 1	728 7 1	638 4 5	..
	Eruvadi	594 12 5	..	108 10 2	19 4 9	684 1 10	..
	Valinokum	234 11 9	..	24 4 6	9 2 9	249 13 6	..

Statement showing the Financial Position of each Port on the 31st March 1889, as revised in accordance with G.O., No. 15, Marine, &c.—*contd.*

Districts.	Names of ports.	Balance on 31st March 1888.		1888-89.		Balance on 31st March 1889.	
		At credit.	At debit.	Receipts as per Appendix C (i).	Charges as per Appendix C (iii).	At credit.	At debit.
	Western Group.						
Malabar	Cochin	..	43,262 2 11	18,743 2 10	16,776 11 8	..	41,295 11 9
	Attaprom	31 9 9	..	..	..	31 9 9	..
	Kurkuyee	6 3 9	..	..	..	6 3 0	..
	Madayee	..	..	..	..	..	..
	Attakuyee	..	..	..	..	..	..
	Chowghat	300 8 2	..	124 10 10	78 7 1	346 11 11	..
	Velliangode	..	..	..	..	..	..
	Ponáni	4,875 0 9	..	1,372 7 9	611 9 6	5,635 15 0	..
	Kuttayee	14 8 0	..	..	..	14 8 0	..
	Paronee	31 3 6	..	..	..	31 3 6	..
	Tánúr	26 5 4	..	140 5 1	80 0 3	86 13 2	..
	Párpanángadi	146 12 3	..	..	..	146 12 3	..
	Cadalondi	5 12 0	..	..	..	5 12 0	..
	Beypore	17,240 3 3	..	2,723 5 9	1,834 7 1	18,129 1 11	..
	Molangadava	..	..	..	..	..	..
	Calicut	8,229 9 9	..	18,715 5 8	13,575 12 6	13,369 3 0	..
	Pundiangadi	1 5 0	..	..	..	1 5 0	..
	Ellatur	..	..	..	..	..	..
	Kapat	..	..	..	..	..	..
	Quilandi	1,317 11 6	..	433 8 4	296 14 4	1,954 5 6	..
	Kollum	..	..	..	..	..	..
	Cuddalore	..	..	..	..	..	..
	Trikodi	140 14 3	..	8 13 0	..	149 11 3	..
	Kottakal	270 2 1	..	63 12 3	..	333 14 4	..
	Badagara	9,831 15 6	..	3,946 13 0	1,306 15 10	12,521 12 8	..
	Muttungal	..	..	..	..	..	..
	Chembayee	2 10 0	..	0 15 3	0 10 6	2 14 9	..
	Kalai	246 5 5	..	365 13 7	225 4 5	386 14 7	..
	Talai	42 13 0	..	10 5 0	..	53 2 0	..
	Tellicherry	70,538 12 10	..	13,703 12 2	5,173 14 9	79,068 11 3	..
	Durmapatam	216 12 7	..	21 1 6	13 8 3	234 5 10	..
	Egara	4 0 0	..	..	..	4 0 0	..
	Cannanore	51,285 4 8	..	9,053 6 5	4,144 9 3	56,194 1 10	..
	Pudiangadi	1,928 10 10	..	7 15 0	5 4 11	931 4 11	..
Malabar—*cont.*	Beliapatam	1,694 8 1	..	337 1 3	75 13 0	1,955 12 4	..
	Etticolum	150 15 11	..	18 4 6	13 12 10	153 7 7	..
	Kavai	12 4 3	..	5 2 6	..	17 6 9	..
	Hosdrug	..	..	..	..	..	..
	Bekel	..	..	..	..	..	..
	Kásaragód	..	463 0 9	105 5 5	65 7 0	..	423 2 4
	Kumbla	..	194 9 0	48 1 8	29 13 19	..	176 5 2
	Manjeshwara	25 5 7	..	73 6 1	29 15 7	68 12 1	..
South Canara	Mangalore	28,430 5 8	..	9,803 14 9	8,171 15 5	30,062 5 0	..
	Mulki	..	820 12 11	169 8 6	98 6 9	..	759 11 2
	Padubidri	18 7 2	..	..	..	18 7 2	..
	Yermal	..	..	..	..	..	..
	Uchil	..	..	..	..	..	..
	Kap	..	..	..	..	..	..
	Uddyavar	..	..	..	..	..	..
	Malpe	..	..	..	..	..	..
	Barkur or Hangurkotta	83 0 6	..	507 8 4	619 14 4	..	29 5 6
	Kundapura	..	461 7 0	290 7 0	294 3 5	..	465 3 5
	Naikinkatta	..	463 13 8	719 14 10	360 11 3	..	104 10 1
	Baindur	..	19 6 8	..	..	..	19 6 8
	Serur	..	340 3 7	429 6 7	29 10 3	59 8 9	..
	Total ..	5,39,805 0 6	3,59,014 10 4	2,09,523 10 4	2,33,751 9 8	5,60,168 2 0	4,03,605 11 2
	Net credit Balance at Out-ports ..	1,80,790 6 2	..	..	..	1,56,562 6 10	..
	Madras	6,68,178 9 0	..	1,46,901 1 3	91,686 7 10	7,23,393 2 5	..

ABSTRACT.

	Rs.	A.	P.
Net credit Balance at Out-ports	1,56,562	6	10
Do. at Madras	7,23,393	2	5
	8,79,955	9	3
Madras Pilotage Balance on 31st March 1888	71,708	5	11
Total net credit Balance ..	9,51,663	15	2

APPENDIX C (i).

STATEMENT showing receipts of Ports in the Madras Presidency (under Act X of 1889) for the official year 1888-89, as per Appendix C (i-a) revised in accordance with G.O., No. 15, Marine, dated 17th January 1888.

Districts.	Ports.	Distribution of coasting steamers' dues.	Distribution of general receipts and administration receipts.	Dues paid by vessels other than coasting steamers and miscellaneous receipts.	Total.
	Eastern Group.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Ganjam ..	Ganjam	..	..	..	..
	Gopálpur	3,650 5 1	446 3 3	2,832 11 3	6,929 3 7
	Sonapur	..	..	48 2 5	48 2 5
	Barwah	978 1 1	117 7 11	122 15 9	1,218 8 9
	Pondi	..	1 14 0	91 15 5	93 13 5
	Bapanapadu	..	..	..	..
	Calingapatam	3,316 5 10	405 11 10	548 6 9	4,270 8 5
Vizagapatam ..	Conada	..	..	..	..
	Bimlipatam	6,420 9 1	809 15 3	2,985 13 5	10,216 5 9
	Vizagapatam	5,601 12 0	722 8 10	1,955 12 0	8,280 0 10
	Pudimadaka	..	..	86 0 8	86 0 8
	Pentakota	..	..	..	..
Godávari ..	Uppada	..	..	..	..
	Coconada	7,141 8 9	1,037 6 2	14,842 9 9	22,021 8 8
	Coringa	..	1 8 4	37 15 11	39 8 3
	Bendamanlanka	..	..	..	..
	Narsápur	..	1 4 11	45 12 0	47 0 11
	Parupalem	..	..	..	..
Kistna ..	Masulipatam	5,329 7 6	728 10 2	2,651 11 10	9,209 13 6
	Peranumudi	..	0 1 0	..	0 1 0
	Moratota	..	..	..	..
	Nagayalanka	..	..	1 4 0	4 11 10
	Kottapalem	..	3 7 10	..	0 4 6
	Gungulipalem	..	0 4 6	194 0 9	196 0 1
	Nizampatam	..	1 15 4	133 3 6	136 8 2
	Injumudi	..	3 4 8	..	..
	Baduranipalem	..	1 4 6	..	1 4 6
	Mottupalle	..	..	357 10 6	357 15 1
Chingleput ..	Pulicat	..	0 4 7	73 13 0	74 4 8
	Ennore	..	0 7 8	203 12 2	203 12 2
	Covelong	..	..	..	..
Nellore ..	Kanuparti	..	..	..	..
	Kottapatam	356 13 5	50 4 9	405 10 2	812 12 4
	Itamukula	..	..	..	..
	Pákala	..	..	..	..
	Karodu	..	..	30 5 10	30 9 5
	Ramayapatam	..	0 3 7	..	..
	Chennayapatam	..	..	..	..
	Tummalapenta	..	..	..	0 3 7
	Juvaladinne	..	0 3 7	31 6 5	31 10 0
	Iskapalle	..	0 3 7	..	..
	Ponnapudi	..	..	..	..
	Mypaud	..	..	244 13 6	244 13 6
	Kistnapatam	..	..	..	..
	Pansanji	..	..	..	..
	Tupuli	..	..	82 9 1	82 9 1
	Dugarázpatnam	..	..	..	..
	Púdi	..	..	21 14 7	21 14 7
South Arcot ..	Merkanam	..	..	..	..
	Cuddalore	2,857 10 7	405 11 11	3,238 4 6	6,501 11 0
	Porto Novo	448 3 4	141 7 10	3,386 15 1	3,976 10 3
	Tirumalavasel	355 0 6	52 7 4	487 5 4	894 13 2
	Kodiumpalem	..	..	11 5 0	11 5 0
	Tranquebar	..	7 6 10	304 1 11	311 8 9
	Nagore	..	10 8 4	305 8 3	316 0 7
	Negapatam	5,186 1 9	1,035 7 4	14,827 14 7	22,049 7 8
	Velangani	..	5 6 9	118 12 6	124 3 3
Tanjore ..	Topatorai	..	11 15 11	103 15 0	115 14 11
	Point Calimere	..	..	71 15 3	71 15 3
	Muttupettai	..	20 8 0	365 4 9	385 12 9
	Adirampatam	..	33 15 1	526 14 3	560 13 4
	Gopalapatam	..	..	47 6 3	47 6 3
	Kattumavadi	..	..	2 9 3	2 9 3
	Kistnajeepatam	..	..	65 9 4	65 9 4
	Anumápatam	..	11 1 4	125 2 3	136 3 7
	Kottaipatam	..	15 6 9	181 0 3	196 7 0
	Sundrapandiapatam ..	..	..	..	..
Tinnevelly ..	Vaippár	..	..	14 14 6	14 14 6
	Tuticorin	4,199 7 5	661 12 8	14,324 5 3	19,185 9 4
	Káyalpatnam	..	32 7 2	199 11 3	232 2 5
	Kulasekarapatnam ..	..	77 7 5	533 7 0	610 14 5
	Carried over ..	47,341 6 4	6,857 14 11	67,272 12 5	1,21,472 1 8

Statement showing receipts of Ports in the Madras Presidency, &c.—*cont.*

Districts.	Ports.	Distribution of coasting steamers' dues.	Distribution of general receipts and adminstration receipts.	Dues paid by vessels other than coasting steamers and miscellaneous receipts.	Total.
	Eastern Group—cont.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
	Brought forward ..	47,341 6 4	6,857 14 11	67,272 12 5	1,21,472 1 8
Madura ..	Pasipatam	..	..	..	..
	Damodarapatam	..	56 11 6	483 7 6	540 3 0
	Tondi	..	..	..	..
	Nambudalai	..	..	18 6 6	18 6 6
	Pudupatam	..	..	..	..
	Carungudu	..	..	..	..
	Terupalakudi	..	195 5 10	346 3 6	541 9 4
	Davipatam	..	..	..	..
	Mudiapatam	..	..	12 2 6	12 2 6
	Attangarai	..	..	10 6 6	10 6 6
	Emanagudu	..	..	..	..
	Pillaimadum	..	140 11 5	3,500 12 0	3,641 7 5
	Pámban	..	..	29 8 9	29 8 9
	Rameswaram	..	..	190 5 1	190 5 1
	Mundapum	..	..	46 9 0	46 9 0
	Vedalai	..	..	27 12 3	27 12 3
	Marakayapatam	..	..	19 15 9	19 15 9
	Muttupettai	..	58 1 6	840 4 7	898 6 1
	Kilakarai	..	..	108 10 2	108 10 2
	Eruvadi	..	..	24 4 6	24 4 6
	Valinokum	..	..	..	..
Madras ..	Madras	*37,575 0 0 7,178 9 8	1,911 0 1	1,00,238 7 6	1,46,901 1 3
	Western Group.				
Malabar ..	Cochin	8,737 4 6	878 5 5	9,127 8 11	18,743 2 10
	Attaprom	..	..	..	..
	Kurkuyee	..	..	..	..
	Madayee	..	..	..	..
	Attakuyee	..	8 7 10	116 3 0	124 10 10
	Chowghat	..	..	..	..
	Velliangode	50 4 10	100 8 11	1,221 16 0	1,372 7 9
	Ponáni	..	..	..	..
	Paronee	..	5 11 1	134 13 0	140 8 1
	Tánúr	..	..	..	..
	Perpengadi	..	..	..	..
	Cadalondi	..	..	2,419 14 11	2,723 5 9
	Beypore	159 4 6	144 2 4	..	..
	Molankadava	8,392 11 8	982 13 1	9,339 12 11	18,715 5 8
	Calicut	..	..	..	..
	Pundiangadi	..	..	..	..
	Ellatur	..	..	..	..
	Kapat	..	30 0 7	403 7 9	433 8 4
	Quilandi	..	..	..	..
	Kollum	..	..	..	..
	Cadalore	..	..	8 13 0	8 13 0
	Trikodi	..	..	63 12 3	63 12 3
	Kottakal	2,146 5 2	223 5 10	1,577 2 0	3,946 13 0
	Badagara	..	..	..	..
	Mattangal	..	..	0 15 3	0 15 3
South Canara ..	Chambayee	..	30 1 7	335 12 0	365 13 7
	Kalai	..	..	10 5 0	10 5 0
	Talai	..	..	4,327 11 10	13,703 12 2
	Tellicherry	8,677 2 8	698 13 8	3 1 6	31 1 6
	Durmapatam	..	..	..	..
	Egara	..	..	1,020 1 4	9,053 6 5
	Cannanore	7,454 1 3	579 3 10	7 15 0	7 15 0
	Pudiangadi	..	..	337 1 3	337 1 3
	Baliapatam	..	..	16 4 6	16 4 6
	Etticolam	..	..	5 2 6	5 2 6
	Kavai	..	..	..	..
	Hosdrug	..	..	..	..
	Bekal	..	10 10 7	94 10 10	105 5 5
	Kásaragód	..	4 8 2	43 9 6	48 1 8
	Kumbla	..	4 2 3	69 3 10	73 6 1
	Manjeshwara	3,864 7 9	394 14 8	5,544 8 9	9,803 14 9
	Mangalore	..	12 8 7	146 15 11	159 8 6
	Mulki	..	..	..	..
	Padubidri	..	..	..	..
	Yermal	..	..	..	..
	Uchil	..	..	..	..
	Kap	..	..	273 10 6	507 8 4
	Uddyawar	261 0 6	32 13 4	265 8 10	290 7 0
	Malpe	..	24 14 2	485 6 4	719 14 10
	Bárkúr or Hangarkota ..	195 5 2	39 3 4	..	..
	Kundapura	..	..	424 8 8	429 6 7
	Naikinkotta	..	4 13 11	..	..
	Baindur	..	..	..	..
	Serur	..	..	..	..
	Total ..	1,31,971 0 0	13,430 0 0	2,11,023 11 7	3,56,424 11 7

* Port dues at 1 anna per ton levied at Madras in excess of the group rate.

APPENDIX C (i-*a*).

STATEMENT showing actual Receipts at the Ports of this Presidency under the several heads, Port Dues, General Receipts, and Miscellaneous Receipts.

Districts.	Ports.	Dues paid by coasting steamers.	Dues paid by other vessels.	General receipts and administration receipts.	Miscellaneous receipts.	Total.
	Eastern Group.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Ganjam	Ganjam	..	..	..	..	..
	Gopalpur	6,027 13 6	368 13 6	..	2,463 13 9	8,860 8 9
	Sonapur	..	..	..	48 2 5	48 2 5
	Barwah	..	7 11 9	..	115 4 0	122 15 9
	Pundi	..	64 13 11	..	27 1 6	91 15 5
	Bapanapadu	..	..	..	..	..
	Calingapatam	1,763 7 0	514 9 3	..	33 13 6	2,311 13 9
Vizagapatam	Conada	..	..	..	..	..
	Bimlipatam	3,091 4 3	2,802 7 0	..	183 6 5	6,077 1 8
	Vizagapatam	1,985 10 0	1,952 4 0	..	3 8 0	3,941 6 0
	Pudimadaka	..	..	..	86 0 8	86 0 8
	Pentakota	..	..	..	..	..
Godâvari	Uppada	..	..	..	..	..
	Coconada	6,591 14 3	9,785 15 0	..	6,056 10 9	21,434 8 0
	Coringa	..	37 15 11	..	..	37 15 11
	Bendamanlunka	..	..	..	..	..
	Narsâpur	..	..	..	14 10 9	45 12 0
	Parupalem	..	..	..	..	..
Kistna	Masulipatam	6,089 10 6	819 7 6	..	1,832 4 4	8,741 6 4
	Pennumudi	..	..	..	..	..
	Moratota	..	..	..	..	..
	Nagayalunka	..	..	..	..	..
	Kottapalem	..	1 4 0	..	..	1 4 0
	Gonnadipalem	..	..	..	..	..
	Nizampatam	..	64 16 9	..	129 10 0	194 0 9
	Ipurupâlem	..	71 11 0	..	61 8 6	133 3 6
	Baduranipalem	..	..	..	..	..
Chingleput	Mutupalli	..	..	..	..	..
	Pulicat	..	12 7 11	..	345 2 7	357 10 6
	Ennore	..	20 13 9	..	52 15 3	73 13 0
	Covelong	..	..	..	203 12 2	203 12 2
Nellore	Kanuparti	..	..	..	..	..
	Kottapatam	383 0 0	295 11 6	..	109 14 8	788 10 2
	Itamukala	..	..	..	..	..
	Pâkala	..	..	..	..	..
	Karedu	..	..	..	..	..
	Ramayapatam	..	..	..	35 7 7	39 5 10
	Chennayapatam	..	4 14 3	..	..	..
	Tummalapenta	..	..	..	..	..
	Juvaladinne	..	..	..	..	..
	Iskapalle	..	..	..	..	..
	Ponnapudi	..	6 9 11	..	24 12 6	31 6 5
	Mypaud	..	..	..	..	..
	Kistnapatam	..	..	..	..	..
	Pomanjee	..	..	..	244 13 6	244 13 6
	Tupuli	..	..	..	..	..
	Dugarâzpatnam	..	..	..	..	..
	Pudi	..	..	..	82 9 1	82 9 1
South Arcot	Merkanam	..	..	..	..	..
	Cuddalore	..	..	..	21 14 7	21 14 7
	Porto Novo	1,646 0 0	3,044 7 3	..	193 13 3	4,784 4 6
Tanjore	Tirumalaivasal	517 0 0	1,966 0 7	..	1,420 14 6	3,903 15 1
	Kodiempahem	577 11 0	140 7 0	..	346 14 4	1,065 0 4
	Tranquebar	..	11 5 0	..	..	11 5 0
	Nagore	..	153 2 0	..	150 15 11	304 1 11
	Negapatam	..	274 5 11	..	31 2 4	305 8 3
	Velangani	5,103 15 3	10,389 14 1	..	4,438 0 6	19,931 13 10
	Toputorai	..	118 12 6	..	..	118 12 6
	Point Calimere	..	103 15 0	..	..	103 15 0
	Mutupetta	..	71 15 3	..	..	71 15 3
	Adirâmpatnam	..	352 8 6	..	12 12 3	365 4 9
	Gopalapatam	..	524 10 3	..	2 4 0	526 14 3
	Kattumavadi	..	47 6 3	..	..	47 6 3
	Kistnajeepatam	..	2 9 3	..	..	2 9 3
	Ammapatam	..	65 6 4	..	0 3 0	65 9 4
	Kottaipatam	..	125 2 3	..	..	125 2 3
	Sundrapandiapatam	..	181 0 3	..	..	181 0 3
Tinnevelly	Vaipur	..	..	..	..	..
	Tuticorin	..	14 14 6	..	..	14 14 6
	Koilpatam	21,310 1 3	3,615 9 8	..	10,708 11 7	35,634 6 6
	Kulasekharapatnam	..	199 11 3	..	..	199 11 3
		..	533 7 0	..	..	533 7 0
	Carried over ..	54,967 7 0	38,799 12 3	..	23,473 0 2	1,22,240 3 5

Statement showing actual receipts at the Ports of this Presidency, &c.—*cont.*

Districts.	Ports.	Dues paid by coasting steamers.	Dues paid by other vessels.	General receipts and administration receipts.	Miscellaneous receipts.	Total.
	Eastern Group—cont.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
	Brought forward ..	54,967 7 0	38,799 12 3	..	28,473 0 2	1,22,240 3 5
Madura	Pasiparam ..	..	..	..	..	..
	Damodarapatam ..	..	..	..	..	..
	Tondi ..	..	462 13 6	..	20 10 0	483 7 6
	Nambudalai ..	..	..	..	..	..
	Pudupatam ..	..	18 6 6	..	..	18 6 6
	Carungudu ..	..	..	..	..	..
	Terupalakudi ..	..	..	..	..	..
	Davipatam ..	..	245 8 6	..	100 11 0	346 3 6
	Mudiapatam ..	..	..	..	..	..
	Attangarai ..	..	12 2 6	..	..	12 2 6
	Emanagudu ..	..	10 6 6	..	..	10 6 6
	Pillaimadum ..	..	..	..	..	..
	Pâmban ..	..	1,300 6 10	..	2,200 5 2	3,500 12 0
	Râmesvaram ..	..	29 8 9	..	..	29 8 9
	Mundapam ..	..	190 5 1	..	..	190 5 1
	Vedalai ..	..	46 9 0	..	..	46 9 0
	Maraksayapatam ..	..	27 12 3	..	..	27 12 3
	Muttupetta ..	..	19 15 9	..	..	19 15 9
	Kilakarai ..	..	641 14 10	..	198 5 9	840 4 7
	Eruvadi ..	..	108 10 2	..	..	108 10 2
	Valinokum ..	..	24 4 6	..	..	24 4 6
Madras	Madras ..	37,125 9 0	80,127 5 6	13,430 0 0	20,111 2 0	1,50,794 0 6
	Western Group.					
	Cochin ..	20,437 10 0	7,857 12 0	..	1,269 12 11	39,565 2 11
	Attaprom ..	..	..	..	..	..
	Kurkuyee ..	..	..	..	..	..
	Madayee ..	..	..	..	..	..
	Attakuyee ..	..	116 3 0	..	..	116 3 0
	Chowghat ..	..	..	..	..	..
	Velliangode ..	..	1,210 8 0	..	11 2 0	1,221 10 0
	Ponâni ..	..	..	..	..	..
	Kuttayee ..	..	..	..	..	..
	Paronee ..	..	134 13 0	..	..	134 13 0
	Tânûr ..	..	..	..	..	..
	Parpanangadi ..	..	..	..	..	..
	Cadalondi ..	..	2,258 9 9	..	161 5 2	2,419 14 11
	Beypore ..	..	..	..	..	..
	Molankadâva ..	..	..	..	2,286 12 5	15,666 9 11
Malabar	Calicut ..	6,326 13 0	7,053 0 6	..	..	..
	Pundiangadi ..	..	..	..	..	..
	Ellatur ..	..	..	..	..	..
	Kapat ..	..	343 1 0	..	60 6 9	403 7 9
	Quilandi ..	..	..	..	..	..
	Kollum ..	..	..	..	..	..
	Cuddalore ..	..	8 13 0	..	..	8 13 0
	Trikodi ..	..	63 12 3	..	..	63 12 3
	Kottakal ..	..	1,485 2 0	..	92 0 0	1,577 2 0
	Badagara ..	..	..	..	..	..
	Muttangal ..	..	0 15 3	..	..	0 15 3
	Chambayee ..	..	328 6 0	..	7 6 0	335 12 0
	Kalai ..	..	10 5 0	..	..	10 5 0
	Talai ..	..	3,725 13 9	..	601 14 1	5,154 0 10
	Tellicherry ..	826 5 0	31 1 6	..	..	31 1 6
	Durmapatam ..	..	..	..	..	..
	Egara ..	..	793 0 3	..	227 1 1	2,100 10 4
	Cannanore ..	1,080 9 0	7 15 0	..	..	7 15 0
	Pudiangadi ..	..	337 1 3	..	..	337 1 3
	Baliapatam ..	..	16 4 6	..	..	16 4 6
	Etticolam ..	..	5 2 6	..	..	5 2 6
	Kavai ..	..	..	..	..	..
	Hosdrug ..	..	..	..	..	..
	Bekel ..	..	38 11 0	..	56 15 10	94 10 10
	Kásaragód ..	..	33 7 3	..	10 2 3	43 9 6
	Kumbla ..	..	34 9 8	..	34 10 2	69 3 10
	Manjeshwara ..	..	..	..	1,721 4 8	6,625 1 9
	Mangalore ..	1,089 9 0	3,823 4 1	..	19 2 8	146 15 11
South Canara	Mulki ..	..	127 13 3	..	..	..
	Padubidri ..	..	..	..	..	..
	Yermal ..	..	..	..	..	..
	Uchil ..	..	..	..	..	..
	Kap ..	..	..	..	..	..
	Uddyavar ..	126 2 0	255 10 6	..	18 0 0	399 12 6
	Malpe ..	..	250 7 6	..	15 1 4	265 8 10
Barkur or Hangurkota	Kundapura ..	..	377 8 8	..	107 13 8	485 6 4
	Naikinkatta ..	..	..	..	..	..
	Baindur ..	..	31 5 3	..	393 3 5	424 8 8
	Serur ..	..	..	..	..	..
	Total ..	1,31,971 0 0	1,52,826 7 1	13,430 0 0	58,197 4 6	3,56,424 11 7

APPENDIX C (ii).

STATEMENT showing Tonnage of vessels that entered the ports in the Eastern and Western Group Districts during the year 1888-89.

Districts.	Ports.	Tonnage of coasting steamers.	Tonnage of all vessels including coasting steamers.
	Eastern Group.		
Ganjam	Gopálpur	203,865	208,035
	Barwah	54,624	54,779
	Pundi	..	875
	Calingapatam	185,215	189,170
Vizagapatam	Bimlipatam	358,581	377,628
	Vizagapatam	312,851	336,880
Godávari	Cocanada	388,847	485,656
	Coringa	..	710
	Narsápur	..	610
	Masulipatam	325,569	339,716
	Nizampatam	..	912
Kistna	Kottapalem	..	1,626
	Pennumndi	..	39
	Ganagadipalem	..	131
	Iporupalem	..	1,535
	Motupulli	..	598
	Kottapatam	19,929	23,449
Nellore	Ramayapatam	..	104
	Juvaladinne	..	104
	Iskapalle	..	104
Chingleput	Pulicat	..	133
	Ennore	..	223
South Arcot	Cuddalore	159,597	189,173
	Porto Novo	25,032	65,968
	Tirumalaivasal	19,528	24,458
	Tranquebar	..	3,463
	Nagore	..	4,904
	Negapatam	345,487	482,767
Tanjore	Velangani	..	2,528
	Toputorai	..	5,592
	Mutupetta	..	9,568
	Adirámpatnam	..	15,825
	Ammapatam	..	5,167
	Kottapatam	..	7,190
	Keelakarai	..	27,085
Madura	Davipatam	..	91,085
	Tondi	..	26,444
	Pámban	..	65,506
Tinnevelly	Tuticorin	234,536	308,561
	Kulasekhrapatnam	..	86,117
Madras	Koilpatam	..	15,129
	Madras	400,805	890,978
	Western Group.		
	Cansanore	217,987	270,061
	Tellicherry	253,755	325,830
	Kalai	..	14,032
	Badagara	62,787	104,141
Malabar	Quilandi	..	14,003
	Calicut	245,437	458,224
	Beypore	4,668	67,206
	Tánúr	..	2,655
	Ponáni	1,471	46,883
	Chowghat	..	3,959
	Cochin	265,513	409,512
	Mangalore	113,013	184,112
	Mulki	..	5,844
	Manjeshwara	..	1,931
South Canara	Kumbla	..	2,104
	Kásaragód	..	4,970
	Malpe	..	15,308
	Barkur	5,879	11,602
	Kundapura	..	18,281
	Baindur	5,712	2,270
	Total ..	4,210,958	*6,261,534

* Eastern Group 4,298,606
Western ,, ... 1,962,928
Total .. 6,261,534

APPENDIX C (iii).

STATEMENT showing Charges of Ports in the Madras Presidency (under Act X of 1889) for the Official Year 1888-89, as per Appendix C (iii-*a*) revised in accordance with G.O., No. 15, Marine, dated 17th January 1888.

Districts.	Ports.	Distribution of general charges including S.S. *Madras*.	Distribution of Light-house charges.	Other charges, viz., establishment contingencies Public Works charges, &c.	Total.
	Eastern Group.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
	Ganjam	..	..	..	..
	Gopálpur	1,775 6 0	1,912 6 7	17,458 6 11	21,146 3 6
	Sonapur	..	..	130 10 11	130 10 11
Ganjam ..	Barwah	467 7 9	503 9 1	219 5 3	1,190 6 1
	Púndi	7 7 6	8 0 8	103 5 0	118 13 2
	Bapanapadu	..	..	..	..
	Calingapatam	1,614 6 1	1,738 15 10	1,274 9 11	4,627 15 10
	Conada	..	..	..	..
	Bimlipatam	3,222 10 11	3,471 7 0	4,585 1 3	11,279 3 2
Vizagapatam ..	Vizagapatam	2,874 15 0	3,096 13 3	5,027 4 2	10,999 0 10
	Pudimadaka	..	..	..	..
	Pentakota	..	..	..	..
	Uppada	..	..	..	..
	Cocanada	4,127 9 9	4,446 3 6	20,635 14 2	29,209 11 5
	Coringa	6 0 11	6 8 5	..	12 9 4
Godávari ..	Bendamanlanka	..	..	..	..
	Nursápur	5 3 4	5 9 9	..	10 13 1
	Parupalem	..	..	..	..
	Masulipatam	2,899 2 3	3,122 14 9	6,526 15 5	12,549 0 5
	Pennumudi	0 4 1	0 4 5	..	0 8 6
	Moratota	..	..	..	..
	Nagayalunka	..	..	..	..
	Kottupalem	13 14 0	14 15 2	1 14 4	30 11 6
Kistna ..	Gumsádivalem	1 1 11	1 3 3	..	2 5 2
	Nizampatam	7 12 6	8 6 2	15 4 9	31 7 5
	Ipurupálem	13 1 7	14 1 9	12 3 3	39 6 7
	Baduranipalem	..	..	..	..
	Mottupulle	5 1 8	5 7 11	..	10 9 7
Chingleput ..	Pulicat	1 2 2	1 3 7	23 10 6	26 0 3
	Ennore	1 14 6	2 0 10	..	3 15 4
	Covelong	..	..	37 2 9	37 2 9
	Kanuparti	..	..	..	..
	Kottapatam	200 1 10	215 9 0	17 8 3	433 3 1
	Itamukula	..	..	..	..
	Pákala	..	..	..	..
	Karedu	..	..	..	..
	Ramayapatam	0 14 2	0 15 4	24 15 9	26 13 3
	Chennayapatam	..	..	..	..
	Tummalapenta	..	..	..	..
Nellore ..	Juvaladinne	0 14 2	0 15 4	..	1 13 6
	Iskapalle	0 14 2	0 15 4	17 2 7	19 0 1
	Ponnapadi	..	..	..	..
	Mypaud	..	..	..	..
	Kistnapatam	..	..	32 7 0	32 7 0
	Pamanji	..	..	..	..
	Tupuli	..	..	..	..
	Dugarázpatnam	..	..	12 7 9	12 7 9
	Púdi	..	..	..	..
	Merkanam	..	..	..	..
South Arcot ..	Cuddalore	1,614 6 6	1,739 0 4	1,756 4 1	5,109 10 11
	Porto Novo	562 15 7	606 6 10	1,073 14 5	2,243 4 10
	Tirumalavasel	208 11 7	224 13 5	974 1 1	1,407 10 1
	Kodiumpalem	..	..	2 13 3	2 13 3
	Tranquebar	29 8 10	31 13 4	922 3 6	983 9 8
	Nagore	41 13 8	45 1 4	..	86 15 0
	Negapatam	4,119 15 0	4,437 15 3	35,647 2 0	44,205 0 3
	Velangani	21 9 2	23 3 10	32 5 6	77 5 6
	Toputorai	47 11 7	51 6 6	48 1 3	147 3 4
	Point Calimere	..	..	..	..
Tanjore ..	Muttupettai	81 9 1	87 13 10	96 14 8	266 5 7
	Adirámpatnam	135 0 10	145 7 7	104 14 3	385 6 8
	Gopalapatam	..	..	8 12 4	8 12 4
	Kattumavadi	..	..	0 8 1	0 8 1
	Kistnajeepatam	..	..	17 3 4	17 3 4
	Ammápatam	44 1 6	47 7 11	23 3 11	114 13 4
	Kottaipatam	61 6 9	66 1 6	53 6 8	180 13 11
	Sundrapandiapatam ..	..	..	0 4 6	0 4 6
	Vaippér	..	..	1 3 9	1 3 9
Tinnevelly ..	Tuticorin	2,633 2 10	2,836 6 11	16,740 6 9	22,210 0 6
	Káyalpatnam	129 1 9	139 1 3	59 9 9	327 12 9
	Kulasakarapatnam ..	308 3 7	332 0 3	132 2 11	772 6 9
	Carried over ..	27,286 11 6	2,9392 15 5	1,13,852 0 11	1,70,531 11 10

Statement showing Charges of Ports in the Madras Presidency (under Act X of 1889)—*cont.*

Districts.	Ports.	Distribution of general charges including S.S. *Madras*.	Distribution of Lighthouse charges.	Other charges, viz., establishment contingencies, Public Works charges, &c.	Total.
	Eastern Group—cont.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
	Brought forward ..	27,286 11 6	29,392 15 5	1,13,852 0 11	1,70,531 11 10
	Pasipatlam	..	..	..	..
	Damodarapatam	..	..	..	..
	Tondi	225 10 9	243 1 6	97 12 3	566 8 6
	Nambudalai	..	..	0 8 1	0 8 1
	Pudupatam	..	..	4 2 11	4 2 11
	Carungudu	..	..	..	..
	Terupalakudi	..	..	0 4 10	0 4 10
	Davipatam	777 5 2	837 5 2	82 2 2	1,696 12 6
	Mudiapatam	..	..	..	..
	Attangarai	..	..	3 0 8	3 0 8
Madura ..	Emanagudu	..	..	3 0 2	3 0 2
	Pillaimadum	..	..	1 2 3	1 2 3
	Pamban	559 14 1	603 1 7	4,970 5 6	6,133 5 2
	Rámesvaram	..	..	9 3 9	9 3 9
	Mundapum	..	..	61 15 0	61 15 0
	Vedalai	..	..	17 8 2	17 8 2
	Marakayapatam	..	..	8 11 4	8 11 4
	Muttupetai	..	..	42 14 9	42 14 9
	Kilakarai	231 2 4	248 15 9	248 5 9	728 7 1
	Eruvadi	..	..	19 4 9	19 4 9
	Valinokum	..	..	9 2 9	9 2 9
Madras ..	Madras	7,603 9 10	8,190 8 7	75,892 6 5	91,686 7 10
	Total Eastern Group ..	36,684 5 8	39,516 0 0	1,95,323 14 8	2,71,524 4 4
	Western Group.				
	Cochin	3,494 12 6	833 13 10	12,448 1 4	16,776 11 8
	Attapam	..	..	..	..
	Kurkuyes	..	..	..	..
	Madayee	..	..	..	..
	Attakuyee	..	..	..	..
	Chowghat	33 12 7	8 4 0	36 9 6	78 7 1
	Velliangode	..	..	..	..
	Ponáni	400 1 7	95 7 5	116 0 6	611 9 6
	Kuttayee	..	..	..	..
	Paronee	..	..	..	..
	Tánúr	22 10 6	6 6 6	51 15 3	80 0 3
	Perpengadi	..	..	..	..
	Cadalondi	..	..	..	..
	Beypore	573 8 7	136 13 7	1,124 0 11	1,834 7 1
	Molunkadava	..	..	..	..
Malabar ..	Calicut	3,910 7 10	933 0 11	8,732 3 8	13,575 12 5
	Pundiangadi	..	..	..	..
	Ellatur	..	..	..	..
	Kapat	..	..	..	..
	Quilandi	119 8 0	28 8 3	148 14 1	296 14 4
	Koilum	..	..	..	..
	Cadalore	..	..	..	..
	Trikodi	..	..	..	..
	Kottakal	..	..	..	..
	Badagara	888 11 10	212 0 11	205 3 1	1,306 15 10
	Mattangal	..	..	..	..
	Chambayee	..	..	0 10 6	0 10 6
	Kalai	119 12 0	28 9 2	76 15 3	225 4 5
	Talai	..	..	..	..
	Tellicherry	2,780 10 2	663 7 6	1,729 12 4	5,173 14 0
	Durmapatam	..	..	13 8 3	13 8 3
	Egara	..	..	..	..
	Cannanore	2,304 11 3	549 14 7	1,289 15 5	4,144 9 3
	Pudiangadi	..	..	5 4 11	5 4 11
	Baliapatam	..	..	75 13 0	75 13 0
	Etticolam	..	..	13 12 10	13 12 10
	Kavai	..	..	..	..
	Hosdrug	..	..	..	..
	Bekal	..	..	..	..
	Kásaragód	42 6 8	10 1 11	12 14 5	65 7 0
	Kumbla	17 15 3	4 4 6	7 10 1	29 13 10
	Manjeshwara	16 7 8	3 14 11	9 9 0	29 15 7
	Mangalore	1,571 3 5	374 14 4	6,225 13 8	8,171 15 5
	Mulki	49 14 0	11 14 5	36 10 4	98 8 9
	Pudubidri	..	..	..	..
South Canara.	Yermal	..	..	..	..
	Uchil	..	..	..	..
	Kap	..	..	..	..
	Udiyawar	..	..	..	..
	Malpe	130 10 3	31 2 9	458 1 4	619 14 4
	Bárkúr or Hangarkota ..	99 0 2	23 10 0	171 9 3	294 3 5
	Kundapura	156 0 2	37 3 7	167 7 6	360 11 3
	Naikinkotta	..	..	..	..
	Baindur	19 5 11	4 9 11	5 10 5	29 10 3
	Serur	..	..	..	..
	Total Western Group ..	16,751 10 4	3,997 0 0	33,165 2 10	53,913 13 2
	Grand Total ..	53,436 0 0	43,513 0 0	2,28,489 1 6	3,25,438 1 6

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APPENDIX C (iii-*a*).

STATEMENT showing actual Charges at the Ports of this Presidency under the several heads, General Charges, Lighthouse Charges and other Charges, &c., for the year 1888-89.

Districts.	Ports.	General charges.	Lighthouse charges.	Establishments, Contingencies, Public Works charges, &c.	Total.
	Eastern Group.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
	Ganjam	..	..	..	..
	Gopálpur	..	267 0 0	17,458 6 11	17,725 6 11
	Sonapur	..	..	130 10 11	130 10 11
Ganjam ..	Barwah	..	..	219 5 3	219 5 3
	Pundi	..	..	103 5 0	103 5 0
	Bapanapadu	..	..	..	..
	Calingapatam	..	2,259 0 0	1,274 9 11	3,533 9 11
	Conada	..	..	..	..
	Bimlipatam	..	2,604 0 0	4,585 1 3	7,189 1 3
Vizagapatam ..	Vizagapatam	..	..	5,027 4 2	5,027 4 2
	Pudimadaka	..	..	..	..
	Pentakota	..	..	..	..
	Uppada	..	..	..	..
	Cocanada	..	6,906 0 0	20,635 14 2	27,541 14 2
	Coringa	..	..	..	..
Godávari ..	Bendamanlunka	..	..	..	..
	Narsápur	..	..	..	..
	Parupalem	..	..	..	..
	Masulipatam	..	1,658 0 0	6,526 15 5	8,184 15 5
	Pennumudi	..	..	..	..
	Moratota	..	..	..	..
	Nagayalunka	..	..	..	..
Kistna ..	Kottapalem	..	..	1 14 4	1 14 4
	Gungadipalem	..	..	..	..
	Nizampatam	..	..	15 4 9	15 4 9
	Ipurupálem	..	..	12 3 3	12 3 3
	Baduranipalem	..	..	..	..
	Motupalli	..	..	..	..
	Pulicat	..	1,889 0 0	23 10 6	1,912 10 6
Chingleput ..	Ennore	..	..	..	..
	Covelong	..	7,611 0 0	37 2 9	7,648 2 9
	Kanuparti	..	..	..	..
	Kottapatam	..	..	17 8 3	17 8 3
	Itamukala	..	..	..	..
	Pákala	..	..	..	..
	Karedu	..	..	..	..
	Ramayapatam	..	..	24 15 9	24 15 9
	Chennayapatam	..	..	..	..
	Tummalapenta	..	..	..	..
Nellore ..	Juvaladinne	..	..	..	..
	Iskapalle	..	..	17 2 7	17 2 7
	Ponnapudi	..	..	..	..
	Mypaud	..	..	..	..
	Kistnapatam	..	..	32 7 0	32 7 0
	Pómanjee	..	..	..	..
	Tupuli	..	..	..	..
	Dugarázpatnam	..	1,975 0 0	12 7 9	1,987 7 9
	Pudi	..	..	..	..
	Merkanam	..	..	..	..
South Arcot ..	Cuddalore	..	..	1,756 4 1	1,756 4 1
	Porto Novo	..	..	1,073 14 5	1,073 14 5
	Tirumalaivasal	..	..	974 1 1	974 1 1
	Kodiempaliem	..	..	2 13 3	2 13 3
	Tranquebar	..	..	922 3 6	922 3 6
	Nagore	..	..	..	..
	Negapatam	..	661 0 0	35,647 2 0	36,308 2 0
	Velangani	..	..	32 8 6	32 8 6
	Toputorai	..	..	48 1 3	48 1 3
	Point Calimere	..	..	..	..
Tanjore ..	Mutupetta	..	..	96 14 8	96 14 8
	Adirámpatnam	..	..	104 14 3	104 14 3
	Gopalapatam	..	..	8 12 4	8 12 4
	Kattumavadi	..	..	0 8 1	0 8 1
	Kistnajeepatam	..	..	17 3 4	17 3 4
	Ammapatam	..	..	23 3 11	23 3 11
	Kottaipatam	..	..	53 6 8	53 6 8
	Sundrapandiapatam ..	..	..	0 4 6	0 4 6
	Vaipur	..	..	1 3 9	1 3 9
Tinnevelly ..	Tuticorin	..	7,750 0 0	16,740 6 9	24,490 6 9
	Koilpatam	..	..	59 9 9	59 9 9
	Kulasekharapatnam ..	..	..	132 2 11	132 2 11
	Pasipatam	..	..	..	..
	Damodarapatam	..	..	..	..
	Tondi	..	..	97 12 3	97 12 3
Madura ..	Nambudalai	..	..	0 8 1	0 8 1
	Pudupatam	..	..	4 2 11	4 2 11
	Carungudu	..	..	..	..
	Terupalakudi	..	..	0 4 10	0 4 10
	Carried over ..	..	33,580 0 0	1,13,954 18 0	1,47,534 13 0

Statement showing actual Charges at the Ports of this Presidency under the several heads &c.—*cont.*

Districts.	Ports.	General charges.	Lighthouse charges.	Establishments, Contingencies, Public Works charges, &c.	Total.
	Eastern Group—cont.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
	Brought forward ..	..	33,580 0 0	1,13,954 13 0	1,47,534 13 0
Madura—*cont.*	Davipatam	..	..	82 2 2	82 2 2
	Mudiapatam	..	..	..	..
	Attangarai	..	..	3 0 8	3 0 8
	Emanagudu	..	..	3 0 2	3 0 2
	Pillaimadum	..	..	1 2 3	1 2 3
	Pámban	..	239 0 0	4,970 5 6	5,209 5 6
	Rámesvaram	..	..	9 3 9	9 3 9
	Mundapam	..	..	61 15 0	61 15 0
	Vedalai	..	..	17 8 2	17 8 2
	Marakayapatam	..	..	8 11 4	8 11 4
	Muttupettai	..	..	42 14 9	42 14 9
	Kilakarai	..	..	248 5 0	248 5 0
	Eruvadi	..	..	19 4 9	19 4 9
	Valinokam	..	..	9 2 9	9 2 9
Madras ..	Madras	53,436 0 0	5,697 0 0	75,892 5 5	1,35,025 5 5
	Total Eastern Group ..	53,436 0 0	39,516 0 0	1,95,323 14 8	2,88,275 14 8
	Western Group.				
Malabar ..	Cochin	..	498 0 0	12,448 1 4	12,946 1 4
	Attaprom	..	..	..	..
	Kurkuyee	..	..	..	..
	Madayee	..	..	..	..
	Attukuyee	..	..	..	..
	Chowghat	..	..	36 9 6	36 9 6
	Velliangode	..	..	..	..
	Ponáni	..	..	116 0 6	116 0 6
	Kuttayee	..	..	..	..
	Paronee	..	..	..	..
	Tánúr	..	..	51 15 3	51 15 3
	Parpangádi	..	..	..	..
	Cadalondi	..	125 0 0	1,124 0 11	1,249 0 11
	Beypore	..	..	..	..
	Molankadava	..	1,496 0 0	8,732 3 8	10,228 3 8
	Calicut	..	..	..	..
	Pundiangadi	..	..	..	..
	Ellatur	..	..	..	..
	Kapat	..	..	148 14 1	148 14 1
	Quilandi	..	..	..	..
	Kollum	..	..	..	..
	Cuddalore	..	..	..	..
	Trikodi	..	..	..	..
	Kottakal	..	..	206 3 1	206 3 1
	Badagara	..	..	..	..
	Muttangal	..	..	0 10 6	0 10 6
	Chambayee	..	..	76 15 3	76 15 3
	Kalai	..	..	..	..
	Talai	..	460 0 0	1,729 12 4	2,189 12 4
	Tellicherry	..	..	13 8 3	13 8 3
	Durmapatam	..	..	..	..
	Egara	..	358 0 0	1,289 15 5	1,647 15 5
	Cannanore	..	..	5 4 11	5 4 11
	Pudiangadi	..	..	75 13 0	75 13 0
	Baliapatam	..	..	13 12 10	13 12 10
	Etticolum	..	..	..	..
	Kavai	..	..	..	..
South Canara	Hosdrug	..	..	..	..
	Bekel	..	..	..	..
	Kásaragód	..	..	12 14 5	12 14 5
	Kumbla	..	..	7 10 1	7 10 1
	Manjeshwara	..	..	9 9 0	9 9 0
	Mangalore	..	946 0 0	6,225 13 8	7,171 13 8
	Mulki	..	..	36 10 4	36 10 4
	Pudubidri	..	..	..	..
	Yermal	..	..	..	..
	Uchil	..	..	..	..
	Kap	..	..	..	..
	Uddyavar	..	..	..	..
	Malpe	..	54 0 0	458 1 4	512 1 4
	Barkur or Hangarkota ..	..	..	171 9 3	171 9 3
	Kundapura	..	60 0 0	167 7 6	227 7 6
	Naikinkatta	..	..	..	..
	Baindur	..	..	5 10 5	5 10 5
	Sorur	..	..	..	..
	Total, Western Group ..	..	3,997 0 0	33,165 2 10	37,162 2 10
	Grand Total ..	53,436 0 0	43,513 0 0	2,28,489 1 6	3,25,438 1 6

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APPENDIX C (iv).

STATEMENT showing Charges for the official year 1888-89 for the whole Port Fund, classified under General Charges, Lighthouse Charges, and Other Miscellaneous Charges.

	RS.	RS.
GENERAL CHARGES.		
Presidency Port Officer and his Assistant's salaries ..	21,030	
Establishments	11,070	
Contingencies	5,970	
Pensions and gratuities	9,511	
Expenses of S. S. "Madras"	5,855	
		53,436
LIGHTHOUSE CHARGES.		
Eastern Group.		
Establishment	15,870	
Contingencies	23,646	
		39,516
Western Group.		
Establishment	2,358	
Contingencies	1,639	
		3,997
OTHER CHARGES.		
Establishments	90,140	
Miscellaneous	1,06,547	
Public Works charges	31,802	
		2,28,489
Total ..		3,25,438

APPENDIX C (v).

STATEMENT showing the Financial Position of Outports grouped in districts as they stood on 31st March 1889.

	Balance on 31st March 1888.		1888-89.				Balance on 31st March 1889.	
	At Credit.	At Debit.	Receipts.	Charges	Surplus.	Deficit.	At Credit.	At Debit.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Ganjam	..	1,74,741	12,560	27,214	..	14,654	..	1,89,395
Vizagapatam	94,415	..	18,583	22,278	..	3,695	90,720	..
Godávari	..	63,076	23,108	29,233	..	6,125	..	69,201
Kistna	..	718	9,549	12,664	..	3,115	..	3,833
Nellore	6,157	..	1,202	526	676	..	6,833	..
Chingleput	4,339	..	636	67	569	..	4,908	..
South Arcot	22,928	..	10,500	7,353	3,147	..	26,075	..
Tanjore	..	8,620	25,290	47,885	..	22,595	..	31,285
Madura	22,853	..	6,110	9,306	..	3,196	19,657	..
Tinnevelly	1,26,649	..	20,044	23,312	..	3,268	1,23,381	..
Total, Eastern Group ..	2,77,341	2,47,225	1,27,582	1,79,838	4,392	56,648	2,71,574	2,93,714
	+ 30,116				− 52,256		− 22,140	
Malabar	1,24,880	..	69,804	44,214	25,590	..	1,50,470	..
South Canara	25,794	..	12,138	9,700	2,438	..	28,232	..
Total, Western Group ..	1,50,674	..	81,942	53,914	28,028	..	1,78,702	..
	+ 1,50,674				+ 28,028		+ 1,78,702	
Madras	6,68,179	..	1,46,901	91,686	55,215	..	7,23,394	..
	+ 6,68,179				+ 55,215		+ 7,23,394	
Grand Total ..	10,96,194	2,47,225	3,56,425	3,25,438	87,635	56,648	11,73,670	2,93,714
	+ 8,48,969				+ 30,987		+ 8,79,956	

APPENDIX C (vi-*a*).

STATEMENT showing Receipts and Charges of Pilotage at Madras from 1881-82 to 1888-89.

Years.	Receipts.	Charges.
	RS. A. P.	RS. A. P.
1881-82	10,943 0 0	4,352 10 11
1882-83	15,179 13 9	7,092 6 7
1883-84	18,060 0 0	7,407 0 10
1884-85	16,850 0 0	7,716 12 1
1885-86	19,445 0 0	8,094 13 1
1886-87	22,505 0 0	10,038 1 2
1887-88	24,562 0 0	11,134 11 2
	1,27,544 13 9	55,836 7 10
	+ 71,708 5 11	
1888-89	27,660 0 0	16,072 11 8
	+ 11,587 4 4	
Grand Total ..	1,55,204 13 9	71,909 3 6
	+ 83,295 10 3	

APPENDIX C (vi-*b*).

STATEMENT showing Receipts and Charges of Pilotage at Pámban from 1875-76 to 1888-89.

Years.	Receipts.	Charges.	
	RS. A. P.	RS. A. P.	
1875-76	25,141 6 4	649 2 5	The transactions during these years appeared in the Provincial section of the Government Account under "*Marine.*"
1876-77	19,617 11 8	36 0 0	
1877-78	11,118 1 9	36 0 0	
1878-79	12,331 0 1	36 0 0	
1879-80	17,629 0 4	13,538 15 6	
1880-81	16,364 12 2	12 0 0	
	1,02,202 0 4	14,308 1 11	
	+ 87,893 14 5		Balance on 31st March 1881 credited to Provincial Marine.
1881-82	10,968 15 9	4,314 15 3	The transactions during these years appeared under Excluded Local Funds. Pilotage account and surplus credited to Port Funds, Pámban.
1883-84	13,748 11 1	3,450 15 11	
1884-85	15,919 0 1	3,526 7 0	
1885-86	12,585 10 2	3,136 9 10	
1886-87	10,984 6 4	1,905 7 1	
1887-88	13,266 13 5	2,075 0 0	
	13,025 5 0	1,179 11 6	
	90,498 13 10	19,589 2 7	
	+ 70,909 11 3		Balance on 31st March 1888 credited to Port Funds as *Surplus Pilotage*.
1888-89	13,427 9 11	3,115 13 9	Shown under Pilotage Account: see Appendix C (vi-*d*).
	+ 10,311 12 2		Balance on 31st March 1889 credited to Pilotage Account (Appendix C (vi-*d*).
Grand Total ..	2,06,128 8 1	37,013 2 3	
	+ 1,69,115 5 10		

APPENDIX C (vi-*c*).

STATEMENT showing Receipts and Charges of Pilotage at Cochin from 1875-76 to 1888-89.

Years.	Receipts.	Charges.	
	RS. A. P.	RS. A. P	
1875-76	1,301 13 8	..	The transactions during these years appeared under Excluded Local Funds Pilotage Account and surplus credited to Port Funds, Cochin.
1876-77	3,745 5 0	320 0 0	
1877-78	2,638 3 0	2,862 3 0	
1878-79	3,716 9 0	1,920 0 0	
1879-80	2,850 11 0	2,298 0 0	
1880-81	3,622 5 0	1,920 0 0	
1881-82	1,454 14 0	510 0 0	
1882-83	2,014 7 0	1,860 1 0	
1883-84	1,310 14 0	1,920 0 0	
1884-85	2,699 5 0	1,920 0 0	
1885-86	4,254 13 0	2,113 8 0	
1886-87	2,167 9 0	2,431 2 2	
1887-88	2,345 13 0	1,531 9 10	
	34,122 9 8	21,606 8 0	
	+ 12,516 1 8		Balance on 31st March 1888 credited to Port Funds as "*Surplus Pilotage.*"
1888-89	3,382 14 0	1,680 0 0	Shown under Pilotage Account. *See Appendix C (vi-d).*
	+ 1,703 14 0		Balance on 31st March 1889 credited to Pilotage Account. (*Appendix C (vi-d).*
Grand Total ..	37,505 7 8	23,286 8 0	
	+ 14,218 15 8		

APPENDIX C (vi-*d*).

STATEMENT showing Pilotage Receipts and Charges for the official year 1888-89 at Madras, Pámban and Cochin and the balance that remained on the 31st March 1889.

	Balance on 31st March 1888.		1888-89.		Balance on 31st March 1889.	
	At Credit.	At Debit.	Receipts.	Charges.	At Credit.	At Debit.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Madras	71,708 5 11	..	27,660 0 0	16,072 11 8	83,295 10 3	..
Pámban	1,58,803 9 8	..	13,427 9 11	3,115 13 9	1,69,115 5 10	..
Cochin	12,516 1 8	..	3,382 14 0	1,680 0 0	14,218 15 8	..
Total ..	2,43,028 1 3	..	44,470 7 11	20,868 9 5	2,66,629 15 9	..

APPENDIX C (vii).

STATEMENT showing the Receipts and Charges of the Shipping and Landing Dues at Cocanada under Act III of 1883 for the official year 1888-89.

	Balance on 31st March 1888.		1888-89.		Balance on 31st March 1889.	
	At Credit.	At Debit.	Receipts.	Charges.	At Credit.	At Debit.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Shipping and landing dues at Cocanada under Act III of 1883	3,060 13 4	..	13,561 15 9	9,011 6 8	12,611 6 5	..

APPENDIX C (VIII).

EXPLANATORY Statement of the differences between the estimate of receipts and charges of the Districts for a year (as per Appendix of G.O., No. 171, dated 24th April 1889, and the actuals for 1888-89).

District.	Estimate for a year as per Appendix G. published in G.O., No. 171, dated 24th April 1889.	Actuals for 1888-89.	Difference. More.	Difference. Less.	Explanatory remarks.
Ganjam—	Rs.	Rs.	Rs.	Rs.	
Receipts ..	28,522	12,560	..	15,962	The deficiency of Rs. 15,962 is due to the receipts from pier dues being less than what was estimated owing to the levy of the dues having been suspended, and also to the receipts on account of port dues in the case of foreign vessels and country crafts at Calingapatam and other ports of the district being less than what was estimated, and to the fact that in the estimate for one year (Appendix G.) Rs. 11,000 was wrongly included as a refund of Public Works charges on account of Gopálpur pier.
Charges ..	11,320	27,214	15,894	..	The increase is due to the following extraordinary charges incurred in the district during last year, and also for a slight increase of about Rs. 860 in general charges and light-house charges and about Rs. 1,300 on account of contingencies and Public works charges of the district:— Rs. Public works charges for Gopálpur pier .. 9,438; Trucks for Gopálpur pier .. .. .. 3,000; Port officer's and Conservator's fees at Gopálpur (not estimated) .. .. 754; Absentee allowance of Mr. Baddeley, Port Officer .. .. 513; In all amounting to .. .. 15,865 a little below the difference.
Vizagapatam—					
Receipts ..	20,558	18,583	..	1,975	The decrease in the actuals for 1888-89 below the estimated receipts for a year is due to a fall of receipts under coasting steamers dues amounting to Rs. 3,454-0-9 at Bimlipatam and Vizagapatam, and this deficit is partly covered by general receipts amounting to Rs. 1,532-8-1 at those ports, leaving a net deficiency of Rs. 1,900 in round numbers.
Charges ..	21,061	22,278	1,217	..	The increase under Charges is due to— Rs. A. P.: Excess in general charges over estimate .. .. 472 11 11; Excess in light-house charges .. .. 946 6 2; 1,419 2 1; Deduct— Decrease in sundry charges .. .. 202 5 5; 1,216 12 8 or 1,217 0 0
Godávari—					
Receipts ..	20,146	23,108	2,962	..	The increase in the actuals of receipts over the estimate is due to— Rs.: Port and Conservator's fees .. .. .. 1,734; General receipts .. .. 1,040; Excess in sundry receipts .. .. .. 1,922; 4,756; Deduct decrease in Port dues .. .. .. 1,794; Net increase .. 2,962
Charges ..	22,697	29,233	6,536	..	The increase in charges over the estimate is due to— (1) Debit to Port funds of amount erroneously debited to landing and shipping dues at Cocanada in 1885-86 .. .. .. 1,095; (2) Salary of the Superintendent, Dredging Operations, debited to Cocanada .. .. 1,853; (3) Port officer's and Conservator's fees .. 1,734; (4) Increase in light-house and sundry charges and charges on account of dredger .. 1,854; 6,536

Explanatory Statement of the differences between the estimate of receipts and charges, &c.—*cont.*

District.	Estimate for a year as per Appendix G. published in G.O., No. 171, dated 24th April 1889.	Actuals for 1888-89.	Difference. More.	Difference. Less.	Explanatory remarks.
Kistna—					
Receipts ..	8,434	9,549	1,115	..	The excess due to— Rs. Port and Conservator's fees not included in estimate .. .. 1,766; General receipts distributed .. .. .. 739; Total .. 2,505. Deduct— Decrease in coasting steamer dues .. 700; " sundries and other vessels dues .. .. 690; 1,390. Net increase .. 1,115
Charges ..	9,442	12,664	3,222	..	The increase due to— Port and Conservator's fees not included in estimate .. .. 1,766; Excess in Public works charges and sundries in the whole district .. .. 1,456; Total increase .. 3,222
Nellore—					
Receipts ..	1,202	1,202	..	..	The actuals for 1888-89 was just the sum estimated for a year.
Charges ..	531	526	..	5	The difference hardly calls for any remarks.
Chingleput—					
Receipts ..	957	636	..	321	The decrease in the receipts of the Chingleput district for 1888-89 is due to fall in sundry receipts under the heading Sale-proceeds of property recovered from the sea.
Charges ..	57	67	10	..	No remarks seem necessary for this slight increase in charge.
South Arcot—					
Receipts ..	7,654	10,500	2,846	..	The increase due to— Rs. A. P. (1) Excess over estimated amount in coasting steamer dues .. .. 546 4 0; (2) General receipts .. .. .. 547 3 9; (3) Excess over estimated receipts under Other vessels' dues and sundry receipts .. .. 1,752 6 9; Total .. 2,845 14 6 or 2,846 0 0
Charges ..	5,653	7,353	1,700	..	The increase in charges over the estimate is due to— (1) Excess over estimated charges under General charges .. .. 416 4 5; (2) Excess over estimated charges under Light-house charges .. 541 10 10; (3) Excess under Other charges such as Public works and sundries .. 741 8 11; Total .. 1,699 8 2 or 1,700 0 0
Tanjore—					
Receipts ..	16,922	25,290	8,298	..	The increase over the estimated receipts is accounted for as follows:— Rs. A. P. (1) Increase in coasting steamers' dues .. .. 740 11 3; (2) General receipts .. .. .. 1,204 3 8; (3) Port officer's and Conservator's fees not included in estimate .. 3,628 0 0; (4) Excess in other vessels' dues and sundry receipts .. .. .. 2,725 0 0; 8,297 14 11 or 8,298 0 0

Explanatory Statement of the differences between the estimate of receipts and charges, &c.—*cont.*

District.	Estimate for a year as per Appendix G. published in G.O., No. 171, dated 24th April 1889.	Actuals for 1888-89.	Difference. More.	Difference. Less.	Explanatory remarks.
Tanjore—*cont.*					
Charges ..	Rs. 21,144	Rs. 47,885	Rs. 26,741	Rs. ..	The increase is accounted for as shown below— Rs. A. P. (1) Dredge expenses not provided for in the estimate .. .. .. 8,499 0 0; (2) Extraordinary Public works charges such as filling in boat basin, extension and repair of jetty wall and improving channel, &c .. .. 14,624 0 0; (3) Port and Conservator's fees .. .. 3,628 0 0; Total .. 26,741 0 0
Madura—					
Receipts ..	15,297	6,110	..	9,187	This large decrease is due to surplus Pilotage at Pémban not being added to Madura Port Fund Accounts as has hitherto been done, but shown separately under Pilotage Fund .. .. .. Rs. 10,312. Deduct— Rs. Increase over the estimate in other vessels' dues and sundries .. .. 1,675; General receipts not anticipated when framing the estimate .. .. .. 450; 2,125. Total .. 9,187
Charges ..	9,306	10,112	..	806	Increase due to excess charges under Sundries and Acting allowance for Port officers and commission to Conservators.
Tinnevelly—					
Receipts ..	15,966	20,144	4,178	..	The increase due to— *Receipts.* Rs. (1) Port officer's and Conservator's fees .. .. 3,143; (2) General receipts .. .. 771; (3) Increase in sundry receipts .. .. .. 264; Total .. 4,178
Charges ..	13,341	23,312	9,971	..	*Charges.* Rs. (1) Port officer's and Conservator's fees .. .. 3,143; (2) Port tramway .. .. 1,670; (3) Constructing Tidal observatory .. .. 1,848; (4) Pier contingencies (replacement of planks, &c.) .. .. 2,954; (5) Increase under Sundry charges .. .. 356; Total .. 9,971
Malabar—					
Receipts ..	58,674	69,804	11,130	..	The increase due to— Rs. (1) Port officer's and Conservator's fees not estimated for .. .. 4,315; (2) General receipts .. .. 2,803; (3) Excess over estimate in Port dues and sundries .. .. 4,012; Total .. 11,130
Charges ..	48,047	44,214	..	3,833	Rs. Decrease in general charges below the estimate .. 1,957; " Miscellaneous and sundry charges in the district below the estimate .. 4,315; Decrease in Light-house charges below the estimate .. .. 2,766; Total .. 9,038. Deduct— Rs. Port officer's and Conservator's fees (not provided for in the estimate) .. .. 4,315; Increase in Miscellaneous charges of the ports in the district (such as Public works and sundries) .. .. .. 890; 5,205. Net decrease .. 3,833

Explanatory Statement of the differences between the estimate of receipts and charges, &c.—*cont.*

District.	Estimate for a year as per Appendix G. published in G.O., No. 171, dated 24th April 1889.	Actuals for 1888-89.	Difference. More.	Difference. Less.	Explanatory remarks.
South Canara—					
Receipts ..	Rs. 8,185	Rs. 12,138	Rs. 3,953	Rs. ..	The increase in the receipts of this district is due to—
					(1) Excess receipts over estimate under Coasting steamers .. .. .. Rs. 630 A. 0 P. 0
					(2) General receipts 529 0 0
					(3) Excess under Other dues and Sundry receipts 1,440 0 0
					(4) Port officer's and Conservator's fees (not included in estimate) 1,354 0 0
					Total .. 3,953 0 0
Charges ..	8,916	9,700	784	..	Increase is due to—
					(1) Port officer's and Conservator's fees not included in estimate .. .. Rs. 1,354
					(2) Increase under Sundry charges and Public works 1,145
					Total .. 2,499
					Deduct—
					Decrease in general charges below estimate .. .. Rs. 1,041
					Decrease in Light-house charges .. 674
					1,715
					Net increase .. 784
Madras—					
Receipts ..	1,33,287	1,46,901	13,614	..	The increase due to—
					(1) Recovery from Harbour Trust Board on account of deputation allowance of Captain Taylor and Harbour Master while in England on duty connected with the Harbour .. .. Rs. 1,884
					(2) Value realised on coal sold 10,205
					(3) Marine stores sold 1,525
					Total .. 13,614
Charges ..	1,03,857	91,686	..	12,171	Decrease due to savings in Port contingencies and Purchase of stores.

APPENDIX D.

STATEMENT showing the number of Officers and Men employed otherwise than in Government vessels in the Marine Department under the Government of Madras during the Official year 1888-89.

Description of Establishment.	Number of Officers.	Number of Men.	Total annual Cost.	Total annual Earnings.	——
1	2	3	4	5	6
			Rs.	Rs.	
Marine Establishment	3	95	48,709	..	
Lighthouse do.		8	2,279	..	
Diver's do.		2	1,594	..	
Tide gauge do.		2	564	..	
Marine Police do.		..	5,546	..	
Marine Dispensary Establishment		2	4,306	..	
Out-ports.					
Port Officers and Conservators	17	153	59,644	..	
Lighthouse	..	83	15,804	..	
Pilotage	..	..	4,796	12,015	

APPENDIX E.

STATEMENT showing the various Government Vessels, &c., under the Madras Government in the year 1888-89.

Detail of Vessels.	Tonnage of each vessel and horse-power of engines if a Steamer.	Number of Officers.	Number of Men.	Total annual Cost.	Total annual Earnings.	Remarks.
1	2	3	4	5	6	7
Sea-going vessels.				Rs.	Rs.	
S.S. "Margaret Northcote."	..	..	..	..	..	S.S. "Margaret Northcote" belongs to the Revenue Department.
River-going vessels.						
Steam dredge (Priestman's).	Ten horse-power.	1	* 13	2,770	..	
Steam dredge (Bruce's) ..	Do.	1	† 3	1,882	..	

* This number includes extra temporary men not shown in previous year's return.

† A regular establishment consisting of a Superintendent on Rs. 100 and crew at a cost of Rs. 38 per mensem was maintained throughout 1888-89 in addition to hired labor engaged whenever necessary, and the charge shown in the statement of 1887-88 was only on account of temporary men engaged on daily wages.

APPENDIX F.

STATEMENT showing the changes of Masters endorsed on registers of Vessels under Act X of 1841 and the Merchants Shipping Act from 1st April 1888 to 31st March 1889 in the various Districts of the Madras Presidency.

Districts.	Number of vessels on the registers of which changes of Masters have been endorsed.	Amount of Fees	Remarks.
		Rs.	
Madras	3	6	
Ganjam	..	..	
Vizagapatam ..	..	..	
Godavari	12	24	
Kistna	2	4	
Nellore	..	..	
Chingleput ..	..	..	
South Arcot ..	13	26	
Tanjore	35	70	
Madura	..	..	
Tinnevelly ..	15	30	
Malabar	12	24	
South Canara ..	60	120	
Total ..	152	304	

APPENDIX G.

STATEMENT showing the number of Vessels registered under Act X of 1841 from 1st April 1888 to 31st March 1889 in the various Districts of the Madras Presidency.

Districts.	Total number of Vessels.	Total Tonnage.	Total amount of Fees.
			Rs. A. P.
Madras	2	328	41 0 0
Ganjam	..	..	..
Vizagapatam ..	10	854	109 12 0
Godavari	12	1,662	142 10 0
Kistna	..	..	..
Nellore	..	..	..
Chingleput ..	..	..	..
South Arcot ..	15	1,711½	216 0 0
Tanjore	..	..	..
Madura	6	669½	70 8 0
Tinnevelly ..	89	1,208½	260 0 0
Malabar	27	769	178 4 0
South Canara ..	..	..	..
Total ..	111	6,533½	1,026 13 0

APPENDIX H.

PARTICULARS of changes in the Official staff of the Port Department by absence on leave, on other duty, &c., during 1888-89.

Names of Officers.	Designation.	Cause and period of absence.		Names of acting incumbents.	Remarks.
Baddeley, Henry Daniel	Port Officer, Gopálpur	Doing duty at the Presidency Port Office ..	2 months and 11 days ..	Mr. W. Woodhouse, acting.	
Do.	Do. do.	Furlough	6 months	Do.	
Bartlett, William Henry ..	Examiner of Port Fund Accounts.	Retired, 27th July 1888	....	....	Appointment abolished on retirement.
Fletcher, James Henry	Port Officer, Masulipatam ..	Privilege leave	19 days	Deputy Collector in charge.	
Hamilton, Nathaniel A. W. ..	Do. Pámban	On special duty in S.S. *Margaret Northcote* in connection with the Presidency Port Officer's tour to West Coast ports and Malabar Collector's trip to Laccadives.	2 months and 17 days ..	Superintendent of Sea Customs, Pámban, in charge.	
James, John Pulglase	Do. Mangalore ..	On special duty at the Pearl Fisheries at Tuticorin.	2 months and 12 days ..	Mr. J. M. Simpson, acting.	
Marshal, Thomas Edward ..	Assistant Port Officer, Madras ..	Furlough	4 months and 28 days ..	Captain H. B. Simpson, I. M., acting.	Retired at the end of furlough.
Morris, James Jellies	Port Officer, Vizagapatam ..	Privilege leave	1 month and 4 days ..	Mr. W. S. Carlyon, acting.	
Do.	Do. do.	Furlough on medical certificate	1 year and 2 months ..		
Phipps, George Alfred	Do. Tuticorin ..	Special duty in S.S. *Margaret Northcote* in connection with His Excellency the Governor's tour to the West Coast ports.	1 month and 10 days	Superintendent of Sea Customs, Tuticorin, in charge.	
Rowland, Charles Heathcote ..	Agent for Government Consignments and Government Surveyor.	Retired on 31st December 1888	....	....	Succeeded by Mr. H. D. Baddeley.

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I.—STATEMENT of Passengers *sailing* from the undermentioned Ports in the Presidency of Madras during the official year 1888-89.

Name of Ports.	As emigrants or as passengers.	Adults. Male.	Adults. Female.	Children under 12. Male.	Children under 12. Female.	Infants under 2.	Total.
I.—FROM GOPALPUR.							
(a) Ports within the Madras Presidency—							
For Negapatam	Passengers ..	1	..	..	..	..	1
,, Madras	Do. ..	175	22	12	8	..	217
,, Masulipatam	Do. ..	8	1	2	12	2	14
,, Cocanada	Do. ..	129	4	7	4	..	144
,, Vizagapatam	Do. ..	98	5	1	..	..	104
,, Bimlipatam	Do. ..	17	1	..	..	..	18
,, Calingapatam	Do. ..	4	..	..	..	..	4
(b) Ports beyond the Presidency, but within British India—							
For Calcutta	Passengers ..	48	7	9	1	..	65
(e) Ports in Burma—							
For Rangoon	Passengers ..	3,928	7	66	1	..	4,002
(f) Ports in Ceylon—							
For Colombo	Passengers ..	1	..	..	..	..	1
Total ..	Emigrants ..	..	..	..	..	..	..
	Passengers ..	4,409	47	97	15	2	4,570
Grand Total ..	..	4,409	47	97	15	2	4,570

Europeans 45, Eurasians 44—All British subjects.

Name of Ports.	As emigrants or as passengers.	Adults. Male.	Adults. Female.	Children under 12. Male.	Children under 12. Female.	Infants under 2.	Total.
I.—FROM CALINGAPATAM.							
(a) Ports within the Madras Presidency—							
For Gopalpur	Passengers ..	23	3	1	..	..	27
,, Baruva	Do. ..	3	..	..	..	..	3
,, Bimlipatam	Do. ..	2	..	..	..	..	2
,, Vizagapatam	Do. ..	20	1	..	..	..	21
,, Cocanada	Do. ..	6	..	..	..	..	6
,, Masulipatam	Do. ..	1	..	..	..	..	1
,, Madras	Do. ..	64	17	2	6	..	89
(b) Ports beyond the Presidency, but within British India—							
For Calcutta	Passengers ..	18	6	2	1	..	27
(e) Ports in Burma—							
For Rangoon	Passengers ..	4,638	73	415	4	..	5,133
,, Akyab	Do. ..	70	..	6	..	..	76
Total ..	Emigrants ..	..	..	..	..	..	..
	Passengers ..	4,845	100	429	11	..	5,385
Grand Total ..	..	4,845	100	429	11	..	5,385

Europeans 12, Eurasians 11—All British subjects.

Name of Ports.	As emigrants or as passengers.	Adults. Male.	Adults. Female.	Children under 12. Male.	Children under 12. Female.	Infants under 2.	Total.
I.—FROM BIMLIPATAM.							
(a) Ports within the Madras Presidency—							
For Cocanada	Passengers ..	7	..	..	..	..	7
,, Masulipatam	Do. ..	9	..	..	..	..	9
,, Madras	Do. ..	377	..	..	..	..	377
,, Calingapatam	Do. ..	1	..	..	..	..	1
,, Gopálpur	Do. ..	13	..	..	..	..	13
(b) Ports beyond the Presidency, but within British India—							
For Calcutta	Passengers ..	48	..	..	..	..	48
(e) Ports in Burma—							
For Rangoon	Passengers ..	1,924	..	..	..	..	1,924
(f) Ports in Ceylon—							
For Colombo	Passengers ..	1	2	..	..	1	4
Total ..	Emigrants ..	..	..	..	..	..	..
	Passengers ..	2,380	2	..	..	1	2,383
Grand Total ..	..	2,380	2	..	..	1	2,383

Europeans 36, Eurasians 28—French subjects 2, the rest British subjects.

II.—STATEMENT of Passengers *landing* at the undermentioned Ports in the Presidency of Madras during the official year 1888-89.

Name of Ports.	As emigrants or as passengers.	Adults. Male.	Adults. Female.	Children under 12. Male.	Children under 12. Female.	Infants under 2.	Total.
II.—AT GOPALPUR.							
(a) Ports within the Madras Presidency—							
From Negapatam	Passengers ..	1	..	..	..	..	1
,, Madras	Do. ..	183	16	17	5	..	221
,, Masulipatam	Do. ..	17	3	..	..	..	20
,, Cocanada	Do. ..	38	4	2	..	..	44
,, Vizagapatam	Do. ..	102	8	22	7	3	142
,, Bimlipatam	Do. ..	27	1	..	..	..	28
,, Calingapatam	Do. ..	14	..	..	..	..	14
(b) Ports beyond the Presidency, but within British India—							
From Calcutta	Passengers ..	76	12	..	..	..	88
(e) Ports in Burma—							
From Rangoon	Passengers ..	11	..	..	..	..	11
(f) Ports in Ceylon—							
From Colombo	Passengers ..	1	..	..	..	..	1
Total ..	Emigrants ..	..	..	..	..	..	..
	Passengers ..	470	44	41	12	3	570
Grand Total ..	..	470	44	41	12	3	570

Europeans 66, Eurasians 49—All British subjects.

Name of Ports.	As emigrants or as passengers.	Adults. Male.	Adults. Female.	Children under 12. Male.	Children under 12. Female.	Infants under 2.	Total.
II.—AT CALINGAPATAM.							
(a) Ports within the Madras Presidency—							
From Gopálpur	Passengers ..	14	2	..	..	..	16
,, Baruva	Do. ..	..	..	..	..	..	..
,, Bimlipatam	Do. ..	1	5	..	1	..	7
,, Vizagapatam	Do. ..	9	3	..	..	..	12
,, Cocanada	Do. ..	6	3	2	..	..	11
,, Masulipatam	Do. ..	..	..	..	..	..	..
,, Madras	Do. ..	34	3	..	1	..	38
(b) Ports beyond the Presidency, but within British India—							
From Calcutta	Passengers ..	20	4	..	4	1	29
(e) Ports in Burma—							
From Rangoon	Passengers ..	2,828	1	11	..	..	2,840
Total ..	Emigrants ..	..	..	..	..	..	..
	Passengers ..	2,912	21	13	6	1	2,953
Grand Total ..	..	2,912	21	13	6	1	2,953

Europeans 17, Eurasians 7—All British subjects.

Name of Ports.	As emigrants or as passengers.	Adults. Male.	Adults. Female.	Children under 12. Male.	Children under 12. Female.	Infants under 2.	Total.
II.—AT BIMLIPATAM.							
(a) Ports within the Madras Presidency—							
From Cocanada	Passengers ..	57	..	..	..	..	57
,, Masulipatam	Do. ..	6	..	..	..	..	6
,, Madras	Do. ..	675	..	..	..	..	675
,, Calingapatam	Do. ..	4	..	..	..	..	4
,, Gopálpur	Do. ..	41	..	..	..	..	41
(b) Ports beyond the Presidency, but within British India—							
From Calcutta	Passengers ..	170	..	..	..	..	170
(e) Ports in Burma—							
From Rangoon	Passengers ..	5,101	..	..	..	..	5,101
(f) Ports in Ceylon—							
From Colombo	Passengers ..	..	3	..	..	..	3
Total ..	Emigrants ..	..	..	..	..	..	..
	Passengers ..	6,054	3	..	..	..	6,057
Grand Total ..	..	6,054	3	..	..	..	6,057

Europeans 69, Eurasians 27—French subjects 2, the rest British subjects.

I.—Statement of Passengers *sailing* from the undermentioned Ports in the Presidency of Madras during the official year 1888-89—*cont.*

Name of Ports.	As emigrants or as passengers.	Adults.		Children under 12.		Infants under 2.	Total.
		Male.	Female.	Male.	Female.		
I.—FROM VIZAGAPATAM.							
(a) Ports within the Madras Presidency—							
For Madras	Passengers ..	689	197	100	49	..	1,035
,, Masulipatam	Do. ..	51	1	3	..	..	55
,, Cocanada	Do. ..	86	6	3	..	..	95
,, Calingapatam	Do. ..	11	1	..	..	..	12
,, Gopálpur	Do. ..	76	4	3	3	..	86
(b) Ports beyond the Presidency, but within British India—							
For False Point	Passengers ..	33	..	..	..	..	33
,, Calcutta	Do. ..	77	1	1	..	..	79
(c) Ports in Burma—							
For Rangoon	Passengers ..	7,129	82	22	75	..	7,308
Total ..	Emigrants ..	..	..	..	..	..	..
	Passengers ..	8,152	292	132	127	..	8,703
Grand Total ..	..	8,152	292	132	127	..	8,703

Europeans 53, Eurasians 61—French subjects 18, the rest British subjects.

I.—FROM COCANADA.							
(a) Ports within the Madras Presidency—							
For Negapatam	Passengers ..	9	..	..	..	..	9
,, Madras	Do. ..	570	30	19	4	44	669
,, Masulipatam	Do. ..	42	1	..	..	3	46
,, Vizagapatam	Do. ..	170	7	5	..	6	188
,, Bimlipatam	Do. ..	52	7	1	..	6	66
,, Calingapatam	Do. ..	10	..	1	..	..	11
,, Gopálpur	Do. ..	54	3	2	..	..	59
,, Baruva	Do. ..	5	..	..	..	..	5
(b) Ports beyond the Presidency, but within British India—							
For False Point	Passengers ..	..	..	..	..	..	..
,, Calcutta	Do. ..	42	7	3	..	6	58
(d) Ports in French Colonies—							
For Pondicherry	Emigrants ..	28	..	..	..	..	28
	Passengers ..	9	..	..	..	..	9
(e) Ports in Burma—							
For Rangoon	Passengers ..	7,077	225	72	..	..	7,374
(f) Ports in Ceylon—							
For Colombo	Passengers ..	3	..	..	..	..	3
Total ..	Emigrants ..	28	..	..	..	..	28
	Passengers ..	8,045	280	103	4	65	8,497
Grand Total ..	..	8,073	280	103	4	65	8,525

Europeans 113, Eurasians 36—French subjects 3, the rest British subjects.

I.—FROM MASULIPATAM.							
(a) Ports within the Madras Presidency—							
For Gopálpur	Passengers ..	18	5	5	3		31
,, Calingapatam	Do. ..	..	..	..	..		..
,, Bimlipatam	Do. ..	17	1	..	..		18
,, Vizagapatam	Do. ..	51	4	1	1		57
,, Cocanada	Do. ..	19	4	5	4		32
,, Madras	Do. ..	738	48	48	18		852
,, Negapatam	Do. ..	9	..	..	..		9
(b) Ports beyond the Presidency, but within British India—							
For Calcutta	Emigrants ..	1	..	..	..		1
,, Bombay	Passengers ..	3	..	..	..		3
(c) Ports in Burma—							
For Rangoon	Do. ..	..	..	..	..		..
	Do. ..	346	34	25	6		411
Total ..	Emigrants ..	1	..	..	..		1
	Passengers ..	1,201	96	84	32		1,413
Grand Total ..	..	1,202	96	84	32		1,414

Europeans 92, Eurasians 50—All British subjects.

II.—Statement of Passengers *landing* at the undermentioned Ports in the Presidency of Madras during the official year 1888-89—*cont.*

Name of Ports.	As emigrants or as passengers.	Adults.		Children under 12.		Infants under 2.	Total.
		Male.	Female.	Male.	Female.		
II.—AT VIZAGAPATAM.							
(a) Ports within the Madras Presidency—							
From Madras	Passengers ..	530	17	15	10	..	572
,, Masulipatam	Do. ..	43	3	2	..	..	48
,, Cocanada	Do. ..	198	14	5	9	..	226
,, Bimlipatam	Do. ..	1	..	..	..	..	1
,, Calingapatam	Do. ..	8	2	1	..	..	11
,, Gopálpur	Do. ..	89	9	1	2	..	101
,, Negapatam	Do. ..	3	..	..	..	..	3
(b) Ports beyond the Presidency, but within British India—							
From Calcutta	Passengers ..	39	3	2	7	..	51
(c) Ports in Burma—							
From Rangoon	Passengers ..	2,352	30	11	..	..	2,393
Total ..	Emigrants ..	..	..	..	..	..	..
	Passengers ..	3,263	78	37	28	..	3,406
Grand Total ..	..	3,263	78	37	28	..	3,406

Europeans 83, Eurasians 78—French subjects 24, the rest British subjects.

II.—AT COCANADA.							
(a) Ports within the Madras Presidency—							
From Negapatam	Passengers ..	13	..	..	..	..	13
,, Madras	Do. ..	752	58	38	1	2	851
,, Masulipatam	Do. ..	26	..	..	..	..	26
,, Vizagapatam	Do. ..	222	16	4	..	2	244
,, Bimlipatam	Do. ..	68	5	3	..	1	77
,, Calingapatam	Do. ..	4	1	..	..	..	5
,, Gopálpur	Do. ..	155	8	15	..	4	182
(b) Ports beyond the Presidency, but within British India—							
From False Point	Passengers ..	2	..	..	..	..	2
,, Calcutta	Do. ..	72	8	9	1	2	92
(d) Ports in French Colonies—							
From Pondicherry	Passengers ..	15	4	12	..	..	31
(e) Ports in Burma—							
From Rangoon	Passengers ..	9,357	7	35	..	22	9,421
,, Moulmein	Do. ..	275	..	..	..	..	275
Total ..	Emigrants ..	..	..	..	..	..	..
	Passengers ..	10,961	107	116	2	33	11,219
Grand Total ..	..	10,961	107	116	2	33	11,219

Europeans 171, Eurasians 18—French subjects 8, the rest British subjects.

II.—AT MASULIPATAM.							
(a) Ports within the Madras Presidency—							
From Gopálpur	Passengers ..	7	..	..	..	..	7
,, Calingapatam	Do. ..	1	..	..	..	..	1
,, Bimlipatam	Do. ..	8	1	2	..	..	11
,, Vizagapatam	Do. ..	66	10	11	3	..	90
,, Cocanada	Do. ..	54	16	..	..	..	70
,, Madras	Do. ..	618	149	37	2	..	806
(b) Ports beyond the Presidency, but within British India—							
From Calcutta	Do. ..	4	4	..	..	..	8
(c) Ports in Burma—							
From Rangoon	Do. ..	254	51	6	..	..	311
Total ..	Emigrants ..	..	..	..	..	..	..
	Passengers ..	1,012	231	56	5		1,304
Grand Total ..	..	1,012	231	56	5		1,304

Europeans 95, Eurasians 30—All British subjects.

I.—Statement of Passengers *sailing* from the undermentioned Ports in the Presidency of Madras during the official year 1888-89—*cont.*

Name of Ports.	As emigrantrs or as passengers.	Adults.		Children under 12.		Infants under 2.	Total.
		Male.	Female.	Male.	Female.		
I.—FROM CUDDALORE—*Nil.*							
I.—FROM PORTO NOVO.							
(*f*) Ports in Ceylon— For Jaffna	Passengers ..	15	..	..	..	..	15
(*g*) Ports in Straits Settlements— For Penang, Singapore	Do. ..	256	7	30	..	2	295
Total ..	Emigrants ..	..	..	..	..	..	..
	Passengers ..	271	7	30	..	2	310
Grand Total ..	..	271	7	30	..	2	310
	All natives.	All British subjects.					
I.—FROM TRANQUEBAR.							
(*f*) Ports in Ceylon— For Colombo	Passengers ..	5	..	..	..	..	5
Total ..	Emigrants ..	..	..	..	..	..	..
	Passengers ..	5	..	..	..	..	5
Grand Total ..	..	5	..	..	..	..	5
	All natives.	All British subjects.					
I.—FROM NEGAPATAM.							
(*a*) Ports within the Madras Presidency— For Madras	Passengers ..	7	..	..	..	..	7
,, Vizagapatam	Do. ..	1	..	..	..	..	1
(*c*) Ports in British Colonies— For Mauritius	Do. ..	82	16	15	..	..	113
(*d*) Ports in French Colonies— For Pondicherry	Do. ..	1	..	..	..	..	1
(*e*) Ports in Burma— For Moulmein	Do. ..	20	2	8	..	..	30
,, Rangoon	Do. ..	14,302	1,171	1,122	..	..	16,595
(*f*) Ports in Ceylon— For Batticola	Do. ..	45	3	..	..	..	48
,, Berwala	Do. ..	5	..	..	..	..	5
,, Colombo	Do. ..	90	7	8	..	..	105
,, Galle	Do. ..	2	..	..	..	..	2
,, Jaffna	Do. ..	82	15	2	..	..	99
,, Kangasentorai	Do. ..	175	51	10	..	..	236
,, Mannar	Do. ..	18	..	..	..	..	18
,, Trincomallee	Do. ..	15	3	..	..	..	18
(*g*) Ports in Straits Settlements— For Penang	Do. ..	12,315	882	1,300	..	..	14,497
,, Singapore	Emigrants ..	3,599	1,016	234	..	..	4,849
Total ..	Emigrants ..	3,599	1,016	234	..	..	4,849
	Passengers ..	27,160	2,150	2,465	..	..	31,775
Grand Total ..	..	30,759	3,166	2,699	..	..	36,624

Europeans 19. Eurasians 8.
No information is available as to how many were British subjects and how many were French subjects.

II.—Statement of Passengers *landing* at the undermentioned Ports in the Presidency of Madras during the official year 1888-89—*cont.*

Name of Ports.	As emigrants or as passengers.	Adults.		Children under 12.		Infants under 2.	Total.
		Male.	Female.	Male.	Female.		
II.—AT CUDDALORE—*Nil.*							
II.—AT PORTO NOVO.							
(*f*) Ports in Ceylon— From Jaffna	Passengers ..	91	1	..	..	..	92
(*g*) Ports in Straits Settlements— From Penang, Singapore	Do. ..	78	2	1	..	..	81
Total ..	Emigrants ..	..	..	..	..	..	..
	Passengers ..	169	3	1	..	..	173
Grand Total ..	..	169	3	1	..	..	173
	All natives.	All British subjects.					
II.—AT TRANQUEBAR.							
(*f*) Ports in Ceylon— From Colombo	Passengers ..	19	..	..	..	..	19
Total ..	Emigrants ..	..	..	..	..	..	..
	Passengers ..	19	..	..	..	..	19
Grand Total ..	..	19	..	..	..	..	19
	All natives.	All British subjects.					
II.—AT NEGAPATAM.							
(*a*) Ports within the Madras Presidency— From Madras	Passengers ..	18	1	..	..	..	19
,, Masulipatam	Do. ..	17	..	..	..	..	17
,, Tondy	Do. ..	3	..	..	..	..	3
(*b*) Ports beyond the Presidency, but within British India— From Calcutta	Do. ..	1	..	..	..	..	1
(*c*) Ports in British Colonies— From Mauritius	Do. ..	31	5	5	..	..	41
(*e*) Ports in Burma— From Moulmein	Do. ..	284	13	10	..	..	307
,, Rangoon	Do. ..	6,869	627	333	..	..	7,829
(*f*) Ports in Ceylon— From Batticola	Do. ..	79	2	..	..	..	81
,, Berwala	Do. ..	5	..	..	..	..	5
,, Colombo	Do. ..	278	18	12	..	..	308
,, Galle	Do. ..	1	1	..	..	..	2
,, Jaffna	Do. ..	3	..	..	..	..	3
,, Kaits	Do. ..	13	2	1	..	..	16
,, Kangasentorai	Do. ..	149	29	19	..	..	197
,, Point Pedro	Do. ..	24	..	..	..	..	24
,, Trincomallee	Do. ..	82	4	5	..	..	91
,, Valavettiturai	Do. ..	23	..	..	..	..	23
(*g*) Ports in Straits Settlements— From Penang, Singapore	Do. ..	10,171	725	572	..	..	11,468
(*h*) Other Ports— From Mullathevoo	Do. ..	7	..	..	..	..	7
Total ..	Emigrants ..	..	..	..	..	..	..
	Passengers ..	18,058	1,427	957	..	..	20,442
Grand Total ..	..	18,058	1,427	957	..	..	20,442

Europeans 49. Eurasians—*Nil.*
No information is available as to how many were British subjects and how many were French subjects.

I.—Statement of Passengers *sailing* from the undermentioned Ports in the Presidency of Madras during the official year 1888-89—*cont.*

Name of Ports.	As emigrants or as passengers.	Adults. Male.	Adults. Female.	Children under 12. Male.	Children under 12. Female.	Infants under 2.	Total.
I.—FROM PAMBAN.							
(a) Ports within the Madras Presidency—							
For Devipatam	Passengers	..	..	..	..	..	8,349
,, Kilakarai	Do.	..	..	..	..	..	7,169
(f) Ports in Ceylon—							
For Venkalai and Passalai	Emigrants	..	..	..	..	..	9,288
,, Colombo	Passengers	..	..	..	..	..	1,402
Total	Emigrants	..	..	..	..	..	9,288
	Passengers	..	..	..	..	..	16,920
Grand Total	..	..	..	..	..	..	26,208

All Natives of British India. All British subjects.
No information is available as to the number of males and females, children, &c., separately.

I.—FROM TUTICORIN.							
(a) Ports within the Madras Presidency—							
For Káyalpatnam	Passengers	29	2	2	..	..	33
,, Kulasekharapatnam	Do.	96	23	5	8	4	136
,, Kilakarai	Do.	4	..	..	..	..	4
,, Pámban	Do.	11	..	..	..	..	11
,, Calicut	Do.	1	..	..	..	..	1
,, Cochin	Do.	2	..	..	..	..	2
(f) Ports in Ceylon—							
For Colombo	Passengers	21,183	2,973	2,131	500	932	27,719
(h) Other Ports—							
For Colachel	Passengers	2	..	..	..	..	2
,, Kurrachee	Do.	1	..	..	..	..	1
Total	Emigrants	..	..	..	..	..	..
	Passengers	21,329	2,998	2,138	508	936	27,909
Grand Total	..	21,329	2,998	2,138	508	936	27,909

Europeans 48; others Natives—All British subjects.

I.—FROM COCHIN.							
(a) Ports within the Madras Presidency—							
For Mangalore	Passengers	16	..	..	..	..	16
,, Tellicherry	Do.	2	..	..	..	..	2
,, Cannanore	Do.	1	..	..	..	..	1
,, Calicut	Do.	30	..	..	..	..	30
,, Tuticorin	Do.	2	..	..	..	..	2
,, Kulasekharapatnam	Do.	3	..	..	..	..	3
(b) Ports beyond the Presidency, but within British India—							
For Bombay	Passengers	28	4	..	..	..	32
,, Vingorla	Do.	3	..	..	..	..	3
(e) Ports in Burma—							
For Rangoon	Passengers	2	..	..	..	..	2
(f) Ports in Ceylon—							
For Colombo	Passengers	4	..	..	..	..	4
(h) Other Ports—							
For Goa	Passengers	7	..	..	..	..	7
,, Marmagoa	Do.	7	..	..	..	..	7
,, Quilon	Do.	10	..	..	..	..	10
Total	Emigrants	..	..	..	..	..	..
	Passengers	115	4	..	..	..	119
Grand Total	..	115	4	..	..	..	119

Europeans 14, Eurasians 4—All British subjects.

II.—Statement of Passengers *landing* at the undermentioned Ports in the Presidency of Madras during the official year 1888-89—*cont.*

Name of Ports.	As emigrants or as passengers.	Adults. Male.	Adults. Female.	Children under 12. Male.	Children under 12. Female.	Infants under 2.	Total.
II.—AT PAMBAN.							
(a) Ports within the Madras Presidency—							
From Devipatam	Passengers	..	..	..	..	..	7,452
,, Kilakarai	Do.	..	..	..	..	..	6,470
(f) Ports in Ceylon—							
From Venkalai and Passalai	Emigrants	..	..	..	..	..	13,827
,, Colombo	Passengers	..	..	..	..	..	657
Total	Emigrants	..	..	..	..	..	13,827
	Passengers	..	..	..	..	..	14,579
Grand Total	..	..	..	..	..	..	28,406

All Natives of British India. All British subjects.
No information is available as to the number of males and females, children, &c., separately.

II.—AT TUTICORIN.							
(a) Ports within the Madras Presidency—							
From Káyalpatnam	Passengers	32	2	3	2	2	41
,, Kulasekharapatnam	Do.	103	9	2	3	5	122
,, Kilakarai	Do.	105	9	2	2	3	121
,, Pámban	Do.	413	25	7	5	6	456
,, Cochin	Do.	8	..	..	..	..	8
(b) Ports beyond the Presidency, but within British India—							
From Bombay	Passengers	5	..	..	..	..	5
(c) Ports in British Colonies—							
From Mauritius	Emigrants	45	..	1	..	..	46
(f) Ports in Ceylon—							
From Colombo	Passengers	24,978	2,696	1,168	660	967	30,467
,, Manaar	Do.	155	..	..	..	..	155
,, Kalpitya	Do.	6	..	..	..	..	6
(h) Other Ports—							
From Quilon	Passengers	2	..	..	..	..	2
,, Alleppy	Do.	17	..	..	..	..	17
Total	Emigrants	45	..	1	..	..	46
	Passengers	25,824	2,741	1,180	672	983	31,400
Grand Total	..	25,869	2,741	1,181	672	983	31,446

Europeans 136—All British subjects.

II.—AT COCHIN.							
(a) Ports within the Madras Presidency—							
From Tellicherry	Passengers	11	..	..	..	..	11
,, Cannanore	Do.	37	..	..	..	..	37
,, Calicut	Do.	53	2	..	..	..	55
,, Mangalore	Do.	10	..	..	..	..	10
,, Tuticorin	Do.	5	..	..	..	..	5
(b) Ports beyond the Presidency, but within British India—							
From Bombay	Passengers	73	6	6	..	..	85
,, Calcutta	Do.	2	..	..	..	..	2
,, Chittagong	Do.	8	..	..	..	..	8
(f) Ports in Ceylon—							
From Colombo	Passengers	11	..	..	..	..	11
Total	Emigrants	..	..	..	..	..	..
	Passengers	210	8	6	..	..	224
Grand Total	..	210	8	6	..	..	224

Europeans 49, Eurasians 2—All British subjects.

I.—Statement of Passengers *sailing* from the undermentioned Ports in the Presidency of Madras during the official year 1888-89—*cont.*

Name of Ports.	As emigrants or as passengers.	Adults. Male.	Adults. Female.	Children under 12. Male.	Children under 12. Female.	Infants under 2.	Total.
I.—FROM CALICUT.							
(a) Ports within the Madras Presidency—							
For Mangalore	Passengers	326	27	23	3	3	382
,, Udipi	Do.	6	..	..	..	..	6
,, Baliapatam	Do.	3	..	..	..	..	3
,, Cannanore	Do.	106	6	7	5	..	124
,, Tellicherry	Do.	17	2	..	..	1	20
,, Cochin	Do.	98	4	1	..	..	103
,, Tuticorin	Do.	3	..	..	..	..	3
(b) Ports beyond the Presidency, but within British India—							
For Bombay	Passengers	964	15	27	..	..	1,006
,, Tuticorin	Do.	7	..	..	..	..	7
,, Vingorla	Do.	10	..	..	..	..	10
,, Calcutta	Do.	4	..	..	..	..	4
	Do.	1	..	..	..	..	1
(f) Ports in Ceylon—							
For Colombo	Passengers	10	3	2	1	..	16
,, Galle	Do.	1	1	..	..	..	2
(h) Other Ports—							
For Goa	Passengers	13	..	..	..	..	13
,, Marmagoa	Do.	6	..	1	..	..	7
,, Jedda	Do.	54	..	..	..	..	54
Total ..	Emigrants ..	..	..	..	..	..	..
	Passengers ..	1,629	58	61	9	4	1,761
Grand Total ..	..	1,629	58	61	9	4	1,761

Europeans (including troops) 865, Eurasians 52—All British subjects.

I.—FROM TELLICHERRY.							
(a) Ports within the Madras Presidency—							
For Mangalore	Passengers	181	..	18	..	8	207
,, Cannanore	Do.	2	..	..	..	..	2
,, Calicut	Do.	11	..	..	..	..	11
,, Cochin	Do.	4	..	..	..	..	4
,, Tuticorin	Do.	1	..	..	..	..	1
(b) Ports beyond the Presidency, but within British India—							
For Bombay	Passengers	245	..	14	..	..	259
(f) Ports in Ceylon—							
For Colombo	Passengers	8	..	1	..	..	9
(h) Other Ports—							
For Alleppy	Passengers	1	..	..	..	..	1
,, Marmagoa	Do.	9	..	..	..	..	9
Total ..	Emigrants ..	..	..	..	..	..	..
	Passengers ..	462	..	33	..	8	503
Grand Total ..	..	462	..	33	..	8	503

Europeans 29, Eurasians 3—French subject 1, the rest British subjects.

II.—Statement of Passengers *landing* at the undermentioned Ports in the Presidency of Madras during the official year 1888-89—*cont.*

Name of Ports.	As emigrants or as passengers.	Adults. Male.	Adults. Female.	Children under 12. Male.	Children under 12. Female.	Infants under 2.	Total.
II.—AT CALICUT.							
(a) Ports within the Madras Presidency—							
From Mangalore	Passengers	360	16	8	6	6	396
,, Mcolki	Do.	5	..	..	..	..	5
,, Munjeswer	Do.	4	..	..	..	..	4
,, Kumta	Do.	13	..	..	..	..	13
,, Cannanore	Do.	120	3	1	1	1	126
,, Tellicherry	Do.	79	1	..	..	1	81
,, Kallai	Do.	6	..	..	..	..	6
,, Akathy	Do.	78	..	..	..	..	78
,, Kaipany	Do.	10	..	..	..	..	10
,, Beypore	Do.	5	..	..	..	..	5
,, Cochin	Do.	64	3	..	1	2	70
(b) Ports beyond the Presidency, but within British India—							
From Bombay	Passengers	1,080	50	83	2	..	1,215
,, Tuticorin	Do.	2	..	..	..	..	2
,, Morah	Do.	12	..	..	..	..	12
,, Calcutta	Do.	3	..	..	..	..	3
(d) Ports in French Colonies—							
From Mahe	Passengers	2	..	..	..	..	2
(f) Ports in Ceylon—							
From Colombo	Passengers	12	2	..	..	..	14
,, Galle	Do.	1	..	..	..	..	1
(h) Other Ports—							
From Goa	Passengers	32	..	..	..	..	32
Total ..	Emigrants ..	..	..	..	..	..	..
	Passengers ..	1,888	75	92	10	10	2,075
Grand Total ..	..	1,888	75	92	10	10	2,075

Europeans (including troops) 1,216, Eurasians 6—All British subjects.

II.—AT TELLICHERRY.							
(a) Ports within the Madras Presidency—							
From Mangalore	Passengers	139	..	13	..	5	157
,, Cannanore	Do.	4	..	..	..	..	4
,, Calicut	Do.	47	..	..	..	..	47
,, Cochin	Do.	7	..	..	..	..	7
(b) Ports beyond the Presidency, but within British India—							
From Bombay	Passengers	102	..	1	..	..	103
,, Calcutta	Do.	6	..	..	..	..	6
(f) Ports in Ceylon—							
From Colombo	Passengers	7	..	..	..	..	7
(h) Other Ports—							
From Alleppy	Passengers	1	..	..	..	..	1
,, Marmagoa	Do.	1	..	..	..	..	1
Total ..	Emigrants ..	..	..	..	..	..	..
	Passengers ..	314	..	14	..	5	333
Grand Total ..	..	314	..	14	..	5	333

Europeans 43, Eurasians 8—French subject 1, the rest British subjects.

I.—Statement of Passengers *sailing* from the undermentioned Ports in the Presidency of Madras during the official year 1888-89—*cont.*

Name of Ports.	As emigrants or as passengers.	Adults.		Children under 12.		Infants under 2.	Total.
		Male.	Female.	Male.	Female.		
I.—FROM CANNANORE.							
(a) Ports within the Madras Presidency—							
For Madras	Passengers ..	4	..	..	..	..	4
,, Calicut	Do. ..	72	4	1	..	..	77
,, Cochin	Do. ..	5	..	..	..	..	5
,, Tellicherry	Do. ..	4	..	..	..	..	4
,, Mangalore	Do. ..	105	4	2	..	..	111
(b) Ports beyond the Presidency, but within British India—							
For Bombay	Passengers ..	181	11	10	..	..	202
(h) Other Ports—							
For Alleppy	Passengers ..	8	1	..	..	..	9
Total ..	Emigrants ..	..	..	..	..	..	..
	Passengers ..	379	20	13	..	..	412
Grand Total ..	..	379	20	13	..	..	412

Europeans and Eurasians 103—All British subjects.

I.—FROM MANGALORE.							
(a) Ports within the Madras Presidency—							
For Malpe	Passengers ..	582		43	..		625
,, Kundapur	Do. ..	365		40	..		405
,, Byndore	Do. ..	13		..	..		13
,, Kásaragód	Do. ..	4		..	..		4
,, Biliapatam	Do. ..	20		..	..		20
,, Cannanore	Do. ..	107		..	..		107
,, Tellicherry	Do. ..	302		..	..		302
,, Calicut	Do. ..	429		..	..		429
,, Beypore	Do. ..	1		..	..		1
,, Cochin	Do. ..	38		..	..		38
,, Badagara	Do. ..	5		..	..		5
,, Quilandi	Do. ..	30		..	..		30
,, Ponáni	Do. ..	29		..	..		29
,, Tuticorin	Do. ..	5		..	..		5
(b) Ports beyond the Presidency, but within British India—							
For Bataknl	Passengers ..	482		34	..		516
,, Honawar	Do. ..	205		10	..		215
,, Kumpta	Do. ..	174		4	..		178
,, Todri	Do. ..	280		32	..		312
,, Ankola	Do. ..	14		..	..		14
,, Karwar	Do. ..	123		9	..		132
,, Vingorla	Do. ..	4		..	..		4
,, Ratnagiri	Do. ..	1		..	..		1
,, Bombay	Do. ..	1,000		22	..		1,022
(e) Ports in Burma—							
For Rangoon	Passengers ..	1		..	..		1
(f) Ports in Ceylon—							
For Colombo	Passengers ..	8		..	..		8
(h) Other Ports—							
For Marmagoa	Passengers ..	245		12	..		257
,, Panjim	Do. ..	47		..	..		47
,, Alleppy	Do. ..	3		..	..		3
Total ..	Emigrants ..	..		..	..		..
	Passengers ..	4,517		206	..		4,723
Grand Total ..	..	4,517		206	..		4,723

Europeans 53, Eurasians 2.

II.—Statement of Passengers *landing* at the undermentioned Ports in the Presidency of Madras during the official year 1888-89—*cont.*

Name of Ports.	As emigrants or as passengers.	Adults.		Children under 12.		Infants under 2.	Total.
		Male.	Female.	Male.	Female.		
II.—AT CANNANORE.							
(a) Ports within the Madras Presidency—							
From Cochin	Passengers ..	1	..	..	..	..	1
,, Mangalore	Do. ..	67	3	..	..	..	76
,, Madras	Do. ..	123	..	..	..	..	123
,, Tellicherry	Do. ..	2	..	..	..	..	2
,, Calicut	Do. ..	114	5	6	..	..	125
(b) Ports beyond the Presidency but within British India—							
From Bombay	Passengers ..	151	5	6	..	..	162
Total ..	Emigrants ..	..	..	..	..	..	..
	Passengers ..	458	13	12	..	..	483
Grand Total ..	..	458	13	12	..	..	483

Europeans and Eurasians 110, Burmese convicts 100.—All British subjects.

II.—AT MANGALORE.							
(a) Ports within the Madras Presidency—							
From Calcutta and coast ports ..	Passengers ..	671		19	..		690
From Bombay and coast ports ..	Do. ..	2,625		5	..		2,630
Total ..	Emigrants ..	..		..	..		..
	Passengers ..	3,296		24	..		3,320
Grand Total ..	..	3,296		24	..		3,320

No information is available as to the names of the ports of embarkation, or as to the sex and nationality of the passengers.

I.—Statement of Passengers *sailing* from the undermentioned Ports in the Presidency of Madras during the official year 1888-89—*cont.*

Name of Ports.	As emigrants or as passengers.	Adults.		Children under 12.		Infants under 2.	Total.
		Male.	Female.	Male.	Female.		
I.—FROM MADRAS.							
(a) Ports within the Madras Presidency—							
For Gopálpur	Passengers	161	..	..	..	..	161
,, Calingapatam	Do.	19	..	..	..	..	19
,, Bimlipatam	Do.	141	..	..	..	..	141
,, Vizagapatam	Do.	190	..	..	..	..	190
,, Cocanada	Do.	220	..	..	..	..	220
,, Masulipatam	Do.	286	..	..	..	..	286
,, Negapatam	Do.	4	..	..	..	..	4
,, Tuticorin	Do.	1	..	..	..	..	1
,, Cannanore	Do.	124	..	..	..	..	124
,, Tellicherry	Do.	1	..	..	..	..	1
(b) Ports beyond the Presidency, but within British India—							
For Calcutta	Passengers	296	..	..	..	..	296
,, Bombay	Do.	6	..	..	..	..	6
(c) Ports in British Colonies—							
For Natal	Emigrants	1,217	..	..	..	..	1,217
,, Mauritius	Do.	575	..	..	..	..	575
(d) Ports in French Colonies—							
For Pondicherry	Passengers	4	..	..	..	..	4
(e) Ports in Burma—							
For Rangoon	Passengers	3,787	..	..	..	..	3,787
(f) Ports in Ceylon—							
For Colombo	Passengers	91	..	..	..	..	91
,, Galle	Do.	4	..	..	..	..	4
(g) Ports in Straits Settlements—							
For Singapore	Passengers	142	..	..	..	..	142
,, Penang	Do.	248	..	..	..	..	248
,, Moulmein	Do.	5	..	..	..	..	5
(h) Other Ports—							
For London	Passengers	400	..	..	..	..	400
,, Aden	Do.	1	..	..	..	..	1
,, Plymouth	Do.	1	..	..	..	..	1
,, Marseilles	Do.	25	..	..	..	..	25
,, Malta	Do.	2	..	..	..	..	2
Total	Emigrants	1,792	..	..	..	..	1,792
	Passengers	6,159	..	..	..	..	6,159
Grand Total		7,951	..	..	..	..	7,951

Complete information is not available as to the sex and nationality of passengers.

TOTAL FROM THE SEVERAL PORTS IN THE MADRAS PRESIDENCY.							
For the ports enumerated in clauses (a) to (h)	Emigrants	..	..	..	..	..	15,958
Do. do. do.	Passengers	..	..	..	..	..	121,547
Grand Total		..	..	..	..	..	137,505

II.—Statement of Passengers *landing at* the undermentioned Ports in the Presidency of Madras during the official year 1888-89—*cont.*

Name of Ports.	As emigrants or as passengers.	Adults.		Children under 12.		Infants under 2.	Total.
		Male.	Female.	Male.	Female.		
II.—AT MADRAS.							
(a) Ports within the Madras Presidency—							
From Gopálpur	Passengers	163	..	..	..	..	163
,, Calingapatam	Do.	48	..	..	..	..	48
,, Bimlipatam	Do.	473	..	..	..	..	473
,, Vizagapatam	Do.	927	..	..	..	..	927
,, Cocanada	Do.	580	..	..	..	..	580
,, Masulipatam	Do.	495	..	..	..	..	495
,, Negapatam	Do.	877	..	..	..	..	877
(b) Ports beyond the Presidency, but within British India—							
From Calcutta	Passengers	878	..	..	..	..	878
,, False Point	Do.	25	..	..	..	..	25
,, Bombay	Do.	240	..	..	..	..	240
(c) Ports in British Colonies—							
From Natal	Emigrants	361	..	..	..	..	361
	Passengers	18	..	..	..	..	18
(d) Ports in French Colonies—							
From Pondicherry	Passengers	8	..	..	..	..	8
(e) Ports in Burma—							
From Rangoon	Passengers	3,488	..	..	..	..	3,488
(f) Ports in Ceylon—							
From Colombo	Passengers	95	..	..	..	..	95
,, Galle	Do.	13	..	..	..	..	13
,, Trincomallee	Do.	2	..	..	..	..	2
(g) Ports in Straits Settlements—							
From Singapore	Passengers	50	..	..	..	..	50
,, Penang	Do.	109	..	..	..	..	109
,, Moulmein	Do.	8	..	..	..	..	8
(h) Other Ports—							
From London	Passengers	378	..	..	..	..	378
,, Liverpool	Do.	108	..	..	..	..	108
,, Suez	Do.	1	..	..	..	..	1
,, Port Louis	Do.	215	..	..	..	..	215
,, New York	Do.	1	..	..	..	..	1
,, Plymouth	Do.	4	..	..	..	..	4
,, Marseilles	Do.	5	..	..	..	..	5
,, Malta	Do.	7	..	..	..	..	7
,, Melbourne	Do.	23	..	..	..	..	23
,, Middlesbro'	Do.	1	..	..	..	..	1
Total	Emigrants	361	..	..	..	..	361
	Passengers	9,240	..	..	..	..	9,240
Grand Total		9,601	..	..	..	..	9,601

Complete information is not available as to the sex and nationality of passengers.

TOTAL AT THE SEVERAL PORTS IN THE MADRAS PRESIDENCY.							
From the ports enumerated in clauses (a) to (h)	Emigrants	..	..	..	..	..	14,234
Do. do. do.	Passengers	..	..	..	..	..	107,737
Grand Total		..	..	..	..	..	122,031

ENCLOSURE.

From T. W. RAWLINS, Esq., Accountant-General, to the Presidency Port Officer, Madras, dated Fort St. George, 14th September 1889, No. 3277.

With reference to your letter, No. 525 M., dated the 14th September 1889, I have the honor to state that, according to the books of this office, the amount at credit of Port Funds under Act XII of 1875 on the 31st March 1889 is Rs. 9,51,663-15-2, as given in your letter.

READ—also the following paper:—

From Captain H. A. STREET, H. M.'s I. M., Presidency Port Officer, to the Chief Secretary to Government, dated Madras, 2nd December 1889, No. 806—507-G.

I have the honor to forward, for the information of Government, the accompanying report of the Agent for Government Consignments at Madras on the working of his department for the official year 1888-89, and to observe that details were not completed in time for submission with the report of the Port department for the same year.

2. This is the first report of the nature that has ever been prepared, and as pointed out by the Agent for Government Consignments in the concluding paragraph of his report, "few statistics were obtainable in a tabulated form."

ENCLOSURES.

REPORT on the year's administration of the Office of Agent for Government Consignments, 1888-89.

1. Up to date administration reports were not sent in by this office which merely formed a branch of the Port Office until the assumption of charge by the present incumbent.

All administrative details and statistics, checking of bills, were dealt with by the Assistant Port Officer, formerly Deputy Master Attendant, the Agent for Government Consignments being the Executive Officer employed in landing and shipping the stores.

2. The office has undergone various changes during the year under report. Mr. C. H. Rowland, Agent for Government Consignments, was retired in October 1888, but continued to do duty up to 1st January 1889, when he was relieved by Mr. H. D. Baddeley, who also took charge of the joint appointment of Personal Assistant to the Presidency Port Officer.

3. In May 1888, six receiving officers, one conicopillay and the boat's crew maintained up to that date, received three months' notice of abolition of appointment, and from August 10th of that year, the work of landing stores was made over to a contractor who also held the contract for supplying cooly labor to move stores.

The question of shipping stores by contract was considered; but as there was no prospect of effecting a saving thereby, no action was taken. The abolition of establishment and landing of stores by contract resulted in a considerable saving to Government.

4. There are no actual cash transactions in this office in connection with the landing and shipping of stores. Some departments pay their bills direct to the contractor for landing and cooly charges, and a few remit to him through this office. An account of such cheques and cash is maintained. Bills for shipping stores are paid through the Chairman of the Harbour Trust to the Deputy Conservator of the port who supplies boats. These bills are checked by this office.

5. The quantity of stores landed and shipped are shown in the accompanying statements. The cost of shipping stores has been about As. 12 per ton. In future years a more accurate rate will be furnished, as arrangements have been made for tabulating boat-hire charges.

6. 2,058 tons were shipped for various departments, showing a slight decrease in quantity compared with 1887-88, and a very large decrease compared with 1886-87; the large shipments in that year being due to the Military operations in Burma.

In addition to the shipments shown in the records, large quantities of provisions and fodder were shipped for "consumption during the voyage with the various regiments embarking."

The falling off in specie shipments is attributable to the settlement of affairs in Burma.

7. 11,024 tons were landed, showing a large decrease over previous years in the aggregate.

The decrease is principally due to the giving out on contract to the South Indian Railway the landing of State Railways' stores. A large increase in quantity of Harbour Works stores has occurred.

The cost of landing since the contract system has been adopted, has been at the rate of about As. 15-3 per ton—as against Rs. 1-3-10 per ton previously—exclusive of cost of establishment.

There have been few cases of damage or total loss, and in only one instance has the loss fallen upon Government.

Owing to this being the first report of the working of the office, few statistics were obtainable in a tabulated form; but in future years a more detailed statement will be furnished.

MADRAS,
7th November 1889.

(Signed) H. D. BADDELEY,
Agent for Govt. Consignments.

STATEMENT of Government Stores landed during the past three Official years.

General description of stores and departments concerned.	1886-87.	1887-88.	1888-89.
	TONS.	TONS.	TONS.
Civil Stores—			
Stamps	179	158	182
Stationery	341	439	316
Meteorological stores	3	1	3
Government gardens	29	2	20
Forest	21	27	428
Police	36	13	16
Printing	15	24	12
Jails	1	..	1
Salt	11	15	13
Telegraph	1,178	1,250	306
Post office	566	99	109
Total	2,380	2,019	1,406
Treasury—Specie in boxes—			
Silver	No. 916	No. 2,495	No. 1,270
Copper	No. 1,335	No. 352	No. 356
Military Stores—			
Army clothing	471	375	404
Ordnance	615	847	731
Commissariat	362	348	261
Medical	257	560	387
Total	1,705	2,130	1,783
Marine Stores—			
Port	42	29	11
Public Works Stores—			
Workshops	553	330	434
State Railways	6,660	7,816	164
Madras Harbour Works	3,585	2,236	6,882
Total	10,798	10,382	7,480
Miscellaneous—			
Government Secretariat	12	9	10
Miscellaneous	38	68	329
Petty stores for various departments	2	2	5
Total	52	79	344
Grand Total	14,977	14,639	11,024

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

General description of stores and departments concerned.	1886-87.	1887-88.	1888-89.
	TONS.	TONS.	TONS.
Civil Stores—			
Stamps	18	19	18
Stationery	66	184	155
Meteorological stores	..	..	1
Government gardens	..	..	..
Forest	3	2	1
Police	55	46	46
Printing	40	27	42
Jails	5	4	8
Salt	51	17	49
Telegraph	268	218	18
Total ..	506	518	338
Treasury—Specie in boxes—			
Silver	No. 1,040	No. 303	No. 119
Copper	No. 437	No. 216	No. 136
Military Stores—			
Army clothing	191	155	114
Ordnance	891	584	471
Commissariat	3,076	787	655
Medical	279	286	153
Total ..	4,377	1,812	1,393
Marine Stores—			
Port	47	41	79
Public Works Stores—			
Workshop stores	148	148	53
State Railways	..	18	132
Total ..	148	166	185
Miscellaneous—			
Government Secretariat	2	..	..
Miscellaneous	33	48	60
Petty stores for various departments	2	5	3
Total ..	37	53	63
Grand Total ..	5,115	2,593	2,058

Order—dated 5th March 1890, No. 85, Marine.

With the foregoing papers the Presidency Port officer submits the Administration Report of the Madras Port Department for 1888-89, a statement of Port fund accounts showing the financial position of each port on the 31st March 1889, and a report on the working of the office of the Agent for Government Consignments during the last official year.

2. As will be seen from the paragraph under "official staff" there were during the year several changes in the names of appointments and also in the officers holding them. The Harbour Trust Board was appointed Conservator of the Port of Madras under Act XII of 1875, and the conservancy duties and establishment were taken over by the Board on the 1st July 1888.

3. There were 27 shipping casualties during the year, against 39 in 1887-88 and 56 in 1886-87. Loss of life occurred in two instances, namely, five passengers killed on board the S.S. "Bhundara" off Madras owing to the heavy rolling of the vessel during a cyclone, and five of the crew of the S.S. "Clan Mackintosh" killed by suffocation from carbonic acid gas while descending to the ship's lower store-room to rescue others who were reported to have fallen down. A court of inquiry was held regarding the first case, and the captain and officers were exonerated from blame. The steamers "Tiverton" "Olympia" and "M. Menatchy" sustained damages during a cyclone off Negapatam on the 14th December 1888.

4. The following statement which has been compiled from Appendix B shows the number and gross tonnage of the several classes of vessels that entered the ports of the Presidency in the year under review, and the dues paid by them, as compared with 1887-88 and 1886-87. The Presidency Port Officer will submit a similar statement with future Administration Reports.

Ports.	Madras Port.		Eastern Group.		Western Group.		Total.		1887-88.		1886-87.	
Tonnage of vessels on which dues were collected.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
Coasting steamers	474	815,067	2,175	2,946,073	1,025	1,276,190	3,674	5,036,888	3,592	5,031,641	3,178	4,292,938
Foreign vessels	66	66,269	17	7,870	872	30,449	745	104,594	696	122,880	752	205,307
Native vessels	31	9,642	9,343	483,080	20,353	657,383	29,677	1,120,055	32,408	1,157,692	34,145	1,258,087
Total ..	611	890,978	11,535	3,402,627	21,950	1,962,932	34,096	6,261,537	36,686	6,311,763	38,076	5,756,392
	Rs.		Rs.		Rs.		Rs.		Rs.		Rs.	
Dues collected.												
British { Coasting steamers	37,341		66,143		33,878		1,32,362		1,39,985		1,26,848	
British { Others, British vessels	75,570		28,447		12,787		1,16,804		1,54,083		1,41,318	
Foreign vessels	3,996		911		2,254		7,161		11,054		19,245	
Native vessels	1,016		11,393		15,382		27,746		34,098		34,896	
Fee outstandings	..		..		..		..		1,016		..	
Total ..	1,17,723		98,969		70,251		2,83,873		3,49,236		3,21,307	

5. The dues collected were less by Rs. 56,363 than in the preceding year, but this is explained by the Presidency Port Officer to be due to the reduction in the rate of port dues generally from 1st June 1888, and, in the case of foreign vessels, to the fact also that many of them were small vessels from ports in Portuguese India and the territories of Native Princes and being under 15 tons actual burden were not liable to pay port dues.

6. The increase in the trade of coasting steamers noticed in the preceding year continued during 1888-89, and the number of foreign vessels that called at ports was also larger. There was, however, a considerable falling off in the number and tonnage of native vessels and this has been going on for several years past. The matter should be susceptible of explanation and the Presidency Port Officer will submit a report on it.

7. The total actual receipts and charges of all ports in the Presidency during the year under review were as follows:—

Receipts.

	RS.
Port Fund—	
Coasting steamers	1,31,971
Other vessels	1,52,827
General receipts and Administration receipts	13,430
Miscellaneous receipts	58,197
Total ..	3,56,425

Charges.

Establishment, Public Works Department charges, contingencies, &c.	2,28,489
General charges	53,436
Light-house charges	43,513
Total ..	3,25,438

As the figures for the preceding year were Rs. 3,93,591 and 3,88,219, respectively, the receipts for 1888-89 were less by Rs. 37,166 and the charges by Rs. 62,781.

8. The statement of the value of, and duty on, imports and exports has been compiled by the Presidency Port Officer from the statistics of the Board of Revenue as directed in paragraph 7 of G.O., No. 115, dated 22nd March 1889. The following statement shows the figures for 1887-88 and 1888-89:—

Ports.	Tons.	Value of			Duty on		
		Imports.	Exports.	Total.	Imports.	Exports.	Total.
		RS.	RS.	RS.	RS.	RS.	RS.
All ports (except Madras) for 1887-88.	5,368,379	8,31,92,084	18,04,83,638	26,05,85,722	66,357	4,22,642	4,88,999
Do. 1888-89.	5,370,553	7,98,31,714	20,42,34,078	28,40,65,792	64,296	4,60,766	5,25,062

There was a decrease in the value of, and duty paid on, imports, and a considerable increase in exports, during the year under review. The total amount paid as duty exceeded that for 1887-88 by Rs. 36,060.

9. A statement at page 8 of these proceedings shows that the total value of the imports and exports (excluding Government stores and treasure) of the port of Madras during the year under review was Rs. 10,94,42,964, or Rs. 45,70,167 more than in the preceding year. There was also an increase in the duty paid in 1888-89 of Rs. 99,762, the total amount being Rs. 10,87,945.

10. The Pilotage Fund at Madras was increased by Rs. 11,587, and the year closed with a total credit balance of Rs. 83,296.

11. The use of the term "out-ports" should be discontinued as it does not appear in Act X of 1889.

12. Full details of the passenger traffic at the various ports during the year under review are given in Appendix I. It will be seen that Cocanada and Negapatam had the largest traffic; at the former port 8,497 passengers embarked and 11,219 landed, while the numbers at the latter port were 31,775 embarked and 20,442 landed.

13. The following statement shows the number of vessels registered under Act X of 1841 during the past three years:—

Years.	No. of vessels.	Tons.	Fees.
			RS.
1886-87	99	7,192	1,083
1887-88	70	6,209	871
1888-89	111	6,554	1,027

The figures for the year under review exhibit a considerable increase over those for the two preceding years.

14. Tuticorin is again at the head of the list showing the amount of trade enjoyed by each port (excluding Madras). The following ports come next in the order named—Tellicherry, Cocanada, Cochin, Calicut, Mangalore and Negapatam. The total value of imports and exports at Tuticorin was nearly two lakhs, and it was over one lakh at each of the other ports enumerated.

15. The accounts of the various District Funds now furnished show that, on the whole, the constitution of District Port funds and the equation of their receipts and charges essential to proper localization of the administration of the Port fund is not so difficult as was feared. It is to be regretted that the original Statement E (embodied in G.O., No. 171, dated 24th April 1889) furnished with Captain Street's first report on the adjustment of the accounts, was only an average of past receipts and charges and not an estimate of the normal figures. Taking, however, the data given in the foregoing statements, it appears that the District Funds will be able to get on satisfactorily with the exception of Ganjam, in which case there is a serious deficit.

16. With reference to the accounts now before Government, it is observed that the constitution of District Funds renders unnecessary the elaborate distribution of certain items of receipt and charge down to the smallest of ports in the manner shown in the statements of account heretofore furnished. It will suffice in future to make the required distribution for District Funds only, and this will largely abridge the labor involved. It is desirable for statistical and administrative purposes that the tonnage of the vessels of the several classes entering each port, and the actual dues collected thereat on each class, should be given in the administration report much as is done at present, but for financial purposes and statements, the district grouping need alone be recognized and shown.

17. His Excellency the Governor in Council is pleased to direct that, in future, the budget of the Port Fund and the annual statements in the administration report shall be the same forms, and under the following headings:—

Receipts.

1. District (Madras Port being shown as a district).
2. Balance.
3. Share of coasting steamer dues.
4. Other port dues.
5. Share of general administrative receipts.
6. Miscellaneous receipts.
7. Public Works Department receipts.
8. Fees.
9. Interest.
10. Repayment of loans, advances and contributions.
11. Provincial contributions.
12. Total.

Charges.

1. Share of general administrative charges.
2. Share of light-house charges.
3. Establishment .. { Port officers. / Other.
4. Contingencies and miscellaneous.
5. Public Works Department charges.
6. Fees.
7. Interest.
8. Repayments of loans, advances and contributions.
9. Balance.
10. Total.

Details of estimate and actuals of administrative receipts and charges and of light-house charges should be given separately. Under Fees, on the receipt side, the whole sums credited should be given, and on the charge side the one-half of certain fees retained by the Port officers and the temporary allowances recently sanctioned. In the present explanatory statement (C viii) the whole fees are apparently entered on both sides. With the administration report a statement showing the classification of the fees should be given. Leave allowances of Port officers should be a general charge, and not, as now is apparently the case, a debit against individual funds. The Government considers that it is not equitable that individual funds should have to pay leave allowances in addition to the pay and deputation of the Reserve Port officer; and leave as well as pension charges will accordingly be classed as general in future.

18. Passing now to individual districts and estimating on the figures of the year 1888-89, after elimination of abnormal items and correcting for increase of dues, and interest to be drawn in future, the position seems to be as follows:—

Ganjam.—This district, it now appears, is in a bankrupt condition owing to its expenditure on the Gopálpur pier. The Government must assume responsibility in connection with the erection of this costly and useless structure, and His Excellency in Council is accordingly pleased to decide that all future charges connected with the pier shall be met from Provincial Revenues, and that an annual contribution shall be made to the District Fund to enable it to meet its current liabilities. The most formidable of these is the service of its debt to the general funds or its debit balance which it was proposed to treat as a loan from the large surplus to the credit of the Madras port. Captain Street, on the ground that the receipts will not admit of the payments necessary, states that in his opinion it is not advisable that the loan should be raised now; but as a matter of fact, the loan has been raised, *i.e.*, the Madras balance has already been diverted to Ganjam, and Madras must be paid the interest which it would receive on its funds if invested. Captain Street estimates that in future years there will be a small annual surplus in Ganjam, but the past year's figures, treated as above stated, do not bear this out. They are—

	Rs.
Receipts	12,560
Add increased dues	478
	13,038
Charges	27,214
Deduct—	
Special Public Works Department charges on account of the Gopálpur Pier	— 12,438
Absentee allowances	— 513
	14,263
	— 1,225

showing a small deficit, which is converted into a large one when interest—Rs. 7,576—on the debt payable to Madras* is added. This brings the debit balance per annum up to Rs. 8,801. There can be no doubt that this payment of interest must be added to the district's liabilities, and in order that the fund may be kept from deficit, a provincial contribution, to be treated as an advance, will in future be assigned to it each year. The amount of the deficit of 1888-89 will be treated as a loan from Madras surplus.

	Rs.
* At debit on 31st March 1888 ..	1,74,741
Deficit of 1888-89	14,654
Total ..	1,89,395

Vizagapatam.—This district does not seem to require assistance. Its figures are—

	Rs.
Receipts	18,583
Add on account of interest on Rs. 90,000, ordered to be invested by G.O., No. 171, Marine, dated 24th April 1889 (para. 12) ..	3,600
	22,183
Charges	22,278
	— 95

The current cash balance, expansion of dues, and share of fees, will cover this small deficit.

Godávari.—The debit balance to 31st March 1888—Rs. 63,076—will be covered by the Provincial grant already sanctioned and to be credited in the current year. The new deficit of 1888-89, viz., Rs. 6,125, must be treated as a loan from Madras surplus, and interest on it must be provided until it is paid off. The increased dues on Foreign vessels, and the expansion of the dues owing to the East Coast Railway, will be considerable, and there is no doubt that, unless charges are largely increased—which should be carefully guarded against—the fund will become solvent. The figures are—

	Rs.
Receipts	23,108
Add increased dues	4,928
	28,036
	29,233
Charges	— 4,802
Deduct special charges	+ 246
Add interest	
	24,677
	+ 3,359

Proposals are on foot for constituting a Board of Conservancy and providing for enhanced taxation, and it is probable that full provision will be made under these arrangements for the service and development of the port.

Kistna.—This district is in deficit—

	Rs.
Receipts	9,549
Add increased dues	479
	10,028
	12,664
Charges	— 1,091
Deduct special charges	
	11,573
	— 1,545

Chingleput and *Nellore* are both in a healthy condition :—

	Chingleput.	Nellore.
	Rs.	Rs.
Receipts	636	1,202
Add interest on Rs. 4,000 and Rs. 6,000 ordered to be invested by G.O., No. 171 Marine, dated 24th April 1889 (para. 12)	160	240
	796	1,443
Charges	67	526
Total ..	+ 729	+ 917

South Arcot.—This district has a large surplus :—

	Rs.
Receipts	19,500
Add interest on Rs. 20,000 ordered to be invested by G.O., No. 171, Marine, dated 24th April 1889 (para. 12)	800
	11,300
Charges	7,353
	+ 3,947

The interest will, however, be reduced on the purchase of the new dredger, and there will be some annual charge on account of it. It is probable, however, that the fund can with care be kept solvent.

Tanjore.—The figures for this district are—

	Rs.
Receipts	25,290
Add increased dues	6,281
	31,571
Charges	47,885
Deduct special charges (Dredger and Public Works Department).	23,123
	24,762
	+ 6,809

They show that there is an ample margin.

Madura.—This district depends on the Pámban Pilotage fund arrangements. The figures relating to this fund have now been taken out since its institution, and Captain Street shows large sums as due to it from Provincial and from the Madura Port fund, but the Government is of opinion that what has been done need not be disturbed. The Port Officer is maintained chiefly in the interest of the Pámban channel, but the Pilotage fund only pays at present one-third of his salary. It is the heavy debit on account of his pay which places the Madura Port fund in deficit, and it is perfectly equitable that the district fund should be brought into equilibrium each year by contributions from the surplus pilotage receipts. Provision has been made for this in the revised and budget estimates under Grant 21, *Marine*. The Pilotage funds may properly be debited with expenses on account of dredging the channel and approaches. Under the above arrangement, the Madura Port fund will stand as follows :—

	Rs.
Receipts	6,110
Add interest on Rs. 20,000 ordered to be invested by G.O., No. 171, Marine, dated 24th April 1889 (para. 12)	800
Contribution from Pilotage fund	2,396
	9,306
Charges	9,306

The charges, however, include "acting allowance for Port Officers," by which is probably meant leave allowances, which, as in Ganjam, will in future be general charges. The contribution required from Pilotage receipts will therefore be less than shown above.

The rest of the Pilotage receipts will be credited to an excluded local fund.

Tinnevelly has an ample surplus—

	Rs.
Receipts	20,044
Add interest on Rs. 1,20,000 ordered to be invested by G.O., No. 171, Marine, dated 24th April 1889 (para. 12)	4,800
	24,844
Charges	23,312
Deduct Special charges (Public Works Department)	6,472
Total ..	16,840
	+ 8,004

Malabar.—The receipts and charges on account of pilotage at Cochin should be separated from the Malabar accounts, and an excluded local fund, to be called "The Cochin Pilotage Fund," should be formed. Dredging, beacons, pilot boats and buoys may properly be charged to it.

The Malabar Port fund is in large surplus. The figures for 1888-89 were—

	Rs.
Receipts	69,804
Charges	44,214
Surplus ..	25,590

which added to the amount already in hand gave the fund a credit balance of Rs. 1,50,470 at the close of the year. The receipts during 1890-91 will be increased by Rs. 4,000, the interest on Rs. 1,00,000 ordered to be invested by G.O., No. 171, Marine, dated 24th April 1889 (paragraph 12).

South Canara has a considerable balance to credit :—

	Rs.
Receipts	12,138
Add increased dues	2,486
„ interest on Rs. 22,000 ordered to be invested by G.O., No. 171, dated 24th April 1889 (para. 12)	880
	15,504
Charges	9,700
	+ 5,804

The above figures show that there was hardly any necessity for raising the dues in this district.

19. The amount ordered to be transferred to the Madras Port fund in 1890-91 will be reduced by the amounts of the new deficits in Ganjam and Godávari, which are to stand as loans to the funds of those districts.

20. The Presidency Port Officer will see that all charges and receipts under Act III of 1885 are kept entirely separate from Port and Pilotage funds.

21. The suggestions made in paragraph 7 of the Presidency Port Officer's letter, No. 697-478, dated 24th October 1889, need not now be considered. On the basis of the present figures, the northern group would under his proposals still be in deficit, with receipts Rs. 75,323 and charges Rs. 82,254. The proposal to raise the port dues could not be carried out without legislation.

22. The Agent for Government Consignments furnishes the first report of the working of his department. Hitherto, particulars regarding it were embodied in the general administration report of the Port Department. It is stated that in future more detailed and accurate information will be afforded. The rate for shipping stores was about 12 annas per ton, and the cost under the new contract system of landing stores was about 15 annas and 3 pies a ton exclusive of the cost of establishment.

23. The decreases in the amounts of Government stores shipped and landed compared with previous years are explained by the Agent to be due to the unusually large shipments made in 1886-87 and 1887-88 to Burma, and to the fact of the landing of State Railway stores having been effected by the South Indian Railway Company.

(True Extract.)

Ag. Chief Secretary.

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

Exd. A. Raitt.

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Govt. of {1890} Madras.

MARINE.

No. 88 dated 5th March 1890

Recorded.

15.3.90

Read 15.3.90

Issued

Recd. 14-3-90 Encl.

G.O., 5th March 1890, No. 85.

MARCH.

Madras Port Department.

Reviewing the administration report of the — for 1888-89.

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