Marine (1897) Department.

G.O., No. 366-7 Marine

DATED 22nd April 1897

Show proof of list

[Despatch Abstract.]

Government Vessels

Ordered that the list of — appertaining to Madras corrected to date, be printed & copies forwarded to the Govt. of India,
Marine Dept for information.

Government Vessels

Forwarding for information the list of — appertaining to Madras.

22/5/97

[M. 6. / 500—13-2-96.]

BACK PAPERS.

G.O.	No.	Department	Date	G.O.	No.	Department	Date
R.	446	Ma.	13.11.94				

FURTHER PAPERS.

G.O.	No.	Department	Date	G.O.	No.	Department	Date
896/29							

Government (1897) of Madras.

MARINE.

Recd. } 1897.
Regd. }

Enclosures

Spare copies

G.O., Nos. 366, 367, 22nd April 1897.

APRIL.

Government Vessels

Forwarding for information the list of — appertaining to Madras.

GOVERNMENT OF MADRAS.

MARINE DEPARTMENT.

Read—the following papers:—

From F. G. CARDEW, Esq., Officiating Assistant Secretary to the Government of India, Marine Department, to the Secretary to the Government of Madras, Marine Department, dated Simla, 18th April 1896, No. 343.

One copy of the statement showing steamers, sailing vessels, &c., belonging to the Royal Indian Marine and other departments of the Government of India, and to the several local Governments and Administrations.	Forwarded for record.

No. 340, Marine.

The list will be forwarded to the Presidency Port Officer, but it does not seem complete as regards vessels belonging to the Madras Government. A complete list of such vessels should be submitted by the Presidency Port Officer.

15th May 1896. (Signed) D. McNEIL CAMPBELL, Colonel, R.E.,
Secretary to Government.

From Commander H. A. STREET, R.I.M., Presidency Port Officer, Madras, to the Secretary to Government, Marine Department, dated 2nd June 1896, No. 1451/184 G.

With reference to G.O., No. 340, Marine, dated 15th May 1896, I have the honour to acquaint you, for the information of Government, that the list appears to be complete as regards sea-going vessels belonging to the Port department. I have no information in respect to vessels belonging to other departments.

No. 301 E., Marine.

The undersigned has the honour to request that the incomplete list of Government vessels forwarded to the Presidency Port Officer with this office No. 340, Marine, dated 15th May 1896, may be returned for revision.

8th June 1896. (Signed) D. McNEIL CAMPBELL, Colonel, R.E.,
Secretary to Government.

From the Presidency Port Officer, Madras, dated 10th June 1896, No. 1451/194 G.

No. 430, Marine.

It is observed that the list of Government vessels is not confined to sea-going vessels as assumed by the Presidency Port Officer in his letter, No. 1451/184 G., dated 2nd June 1896. The following omissions occur as regards vessels in charge of the Marine Department.

(1) Steam dredge "Priestman's."
(2) Do. "Connemara."
(3) Steam launch "Empress."
(4) Steam tug "Gódávari."
(5) Steam dredge (at Cuddalore).

2. The list will be returned to the Presidency Port Officer for completion as regards these vessels and will then be forwarded to the Chief Engineer for Irrigation and to the Revenue Department for verification as regards steam vessels in charge of the Irrigation Branch and of the Salt Department.

16th June 1896. (Signed) D. McNEIL CAMPBELL, Colonel, R.E.,
Secretary to Government.

From Commander H. A. STREET, R.I.M., Presidency Port Officer, Madras, to the Secretary to Government, Marine Department, dated 4th September 1896, No. 1451/286 G.

With reference to G.O., No. 430, Marine, dated 16th June 1896, I have the honour to return, herewith, the list of Government vessels completed in respect to all vessels in charge of the Madras Port department.

No. 441 E., Marine.

Forwarded to the Chief Engineer for Irrigation with reference to G.O., No. 430, Marine, dated 16th June 1896.

7th September 1896. (Signed) D. McNEIL CAMPBELL, Colonel, R.E.,
Secretary to Government.

From the Chief Engineer for Irrigation, dated 6th January 1897, No. 1 W.

No. 27 E., Marine.

Forwarded to the Revenue Department for favour of verification with reference to G.O., No. 430, Marine, dated 16th June 1896.

19th January 1897. (Signed) D. McNEIL CAMPBELL, Colonel, R.E.,
Secretary to Government.

G.O., No. 1666 R., Revenue, dated 24th August 1896.

Read—reminder from the Marine Department, dated 18th August 1896, No. 430/1.

Order—No. 1666 R., Revenue, dated 24th August 1896.

Recorded with the remark that the list referred to in paragraph 2 of G.O., No. 430, Marine, dated 16th June 1896, has not yet been received.

(True Extract.)

(Signed) LIONEL DAVIDSON,
Ag. Under Secy. to Government.

Office-note from the Chief Engineer for Irrigation, dated Madras, 25th August 1896, No. 281.

Your reminder, No. 430/1, Marine, dated 18th August 1896.

The list referred to in paragraph 2 of G.O., No. 430, Marine, dated 16th June 1896, has not yet been received. Until its receipt, no reply can be sent.

G.O., Mis. No. 1763, Revenue, dated 1st April 1897.

Read—the following Proceedings of the Board of Revenue (Separate Revenue), Routine No. 790, dated 22nd March 1897 :—

Read—Endorsement in the Revenue Department, No. 466, dated 26th January 1897.

Resolution—Routine No. 790, dated 22nd March 1897.

With reference to the endorsement read above, the Board begs to return herewith the list of Government vessels, verified with the following results :—

(i) *Pages* 28 *and* 29.—The entries relating to the "Beatrice" and the "Helen" should be omitted as the boats have been disposed of.

(ii) *Page* 29.—The entry in column 15 against the "Uriya" has been altered to "Kendrapara Circle," as the launch has been transferred to that Circle.

(iii) Particulars regarding the steam launch "Katherine," the only launch used by the Salt and Abkári Department of the Madras Presidency, have been inserted in pages 32 and 33.

(True Extract.)

(Signed) EDMUND MILLETT,
Assistant Secretary.

Order—Mis. No. 1763, Revenue, dated 1st April 1897.

Returned to the Secretary to Government, Marine Department, with the remark that the particulars of steam vessels in charge of the Salt Department have been verified and corrected where necessary.

(True Extract.)

(Signed) N. E. MARJORIBANKS,
Ag. Asst. Secretary to Government.

ORDER—No. 366, Marine, dated 22nd April 1897.

Ordered that the list of Government vessels appertaining to Madras, corrected to date, be printed, and copies forwarded to the Government of India, Marine Department, for information.

[Here enter No. 367, Marine, dated 22nd April 1897.]

(True Extract.)

(Signed) D. McNEIL CAMPBELL, Colonel, R.E.,
Secretary to Government.

To the Presidency Port Officer,
" Public Works Department,
" Revenue Department,
} with copies of List.

ENDORSEMENT—No. 367, Marine, dated 22nd April 1897.

Copy of the above, with copies of the corrected list, forwarded to the Government of India, Marine Department, with reference to Mr. Cardew's memo., No. 343, dated 18th April 1896.

(By order.)

(Signed) D. McNEIL CAMPBELL, Colonel, R.E.,
Secretary to Government.

Exd. T. K. Narayana Aiyangar.

Name.	Description.	When an buil	How charged.	Remarks.
1	2	3	16	17
"Ada" ..	Wood Cutter with cabin.	Built by John Kin Calcutta, 1891-92.	Orissa Salt Department.	
"Marie" ..	Do.	Do	Do.	
"Amy" ..	Do.	Do 1890.	Do.	
"Flora" ..	Do.	At Calcut Messrs. King & 1889-90.	Do.	
"Banshee" ..	Do.	Do. 1886-87.	Do.	
"Aileen" ..	Do.	Do	Do.	
"Kathleen" ..	Do.	Do	Do.	
"Uriya" ..	Composite Twin Screw Steam Launch.	R. M. D Calcutta,	Do.	
"Alexandra".	Steel Steam Launch Twin Screw.	Kidderpore yard, 1885-86.	To work and private parties.	
"Arthur Cotton".	Steel Twin Screw Steam Launch.	Do. 187	Revenue irrigation.	
"Irene" ..	Composite Sailing Schooner.	R. I. M. D Kidderpo	Land revenue.	
"Dorothy" ..	Steel Paddle Steamer.	Do. 1	....	Belongs to the Local Fund Department.
"Margarita".	Composite Paddle Steamer.	Do. 1	Land revenue.	
"Rose" "John Mullins".	Steel Paddle Steamer.	Kidderpore yard, 188	Revenue irrigation.	"Rose" was the original name of the "John Mullins."
"Helen" ..	Steel Stern Wheeler.	Do. 1	....	Belongs to the Local Fund Department.
"Shamrock".	Iron Paddle Steamer.	London, 18	Revenue irrigation.	
"Victoria" ..	Steel Twin Screw Steam Launch.	Birmingha 1881-82.	Do. ..	
"Nell" ..	Steel Stern Wheeler.	Kidderpore yard, 189	....	Belongs to the Local Fund Department.
"Wenlock" ..	Steel Single Screw Self-propelling Hopper Dredger.	Wm. Simo Renfrew,	Port funds.	
"Daisy" ..	Iron Single Screw Launch.	Glasgow, 1	Two estimates of Periyár project.	
Dredger ..	Steel	Kidderpore yard, 189	....	
Steam dredger for Cuddalore	Round bottomed ..	In 1890 in	Port fund.	
"Empress" ..	Wooden Steam Launch.	In Bombay	Do.	
"Gódávari".	Steam Tug Composite Vessel.	In Calcu 1891-92.	Landing and shipping dues under Act III of 1885.	
"Priestman's" dredger.	Iron Vessel ..	Fitted up nada in	Do.	The machinery of this dredger is fitted on an iron barge and is not self-propelling.
"Connemara" dredger.	Wooden Vessel ..	At Cocan 1890.	Do.	The machinery of this dredger is fitted on a wooden barge which is not self-propelling.
"Katherine".	Twin Screw Steam Launch.	England, 1	To the combined Salt and Abkári Dept. subject to adjustment between "V. Salt" & "VII Excise."	

CAMPBELL, Colonel, R.E.,
overnment, Marine Department.

STATEMENT showing Steamers, sailing vessels, &c., under the Government of Madras.

Name.	Description.	When and where built.	Original cost.	(1) Gross, (2) Register Tonnage, (3) Suez Canal.	(1) Indicated horse-power, (2) Nominal.	Speed.	Dimensions. Length.	Dimensions. Breadth.	Dimensions. Draft. Forward.	Dimensions. Draft. Aft.	Coal. Quantity carried.	Coal. Consumption per hour.	How employed.	Where employed.	How charged.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
							FT. IN.	FT. IN.	FT. IN.	FT. IN.	TONS.	CWTS.				
LIST OF STEAMERS UNDER THE CONTROL OF THE FINANCIAL DEPARTMENT OF THE GOVERNMENT OF INDIA.																
"Ada" ..	Wood Cutter with cabin.	Built by Messrs. John King & Co., Calcutta, in 1891-92.	RS. A. P. 2,000 0 0	(1) 6	*Nil.*	..	35 0	8 6	2 0	2 6	..	..	For inspection by the Assistant Commissioner of saline tracts, &c., in the circles under his charge.	In the Balasore sub-division in Orissa.	Orissa Salt Department.	
"Marie" ..	Do.	Do.	2,000 0 0	Do.	..	..	35 0	8 6	2 0	2 6	..	..	Patrolling saline tracts ..	Balasore Circle ..	Do.	
"Amy" ..	Do.	Do. in 1890.	1,554 7 0	Do.	..	..	35 0	8 6	2 0	2 6	..	..	Do. do. ..	Do. ..	Do.	
"Flora" ..	Do.	At Calcutta, by Messrs. John King & Co., in 1889-90.	1,554 7 0	Do.	..	..	35 0	8 6	2 0	2 6	..	..	Do. do. ..	Basudebpur Circle.	Do.	
"Banshee" ..	Do.	Do. in 1886-87.	1,414 6 0	Do.	..	..	35 0	8 6	2 0	2 6	..	..	Patrolling	Kendrapara Circle.	Do.	
"Aileen" ..	Do.	Do.	1,414 6 0	Do.	..	..	35 0	8 6	2 6	3 0	..	..	Do.	Do. ..	Do.	
"Kathleen" ..	Do.	Do.	1,414 6 0	Do.	..	..	35 0	8 6	2 0	2 6	..	..	Salt preventive duty ..	Machgaon Circle, Cuttack district.	Do.	
"Uriya" ..	Composite Twin Screw Steam Launch.	R. M. Dockyard, Calcutta, in 1893.	4,340 0 0	(1) 5	(2) 4	7 miles ..	30 0	7 0	1 5½	1 6½	1 ton ..	½	For inspection of saline tracts and prevention of manufacture of illicit salt.	Kendrapara Circle.	Do.	
MADRAS GOVERNMENT.																
PUBLIC WORKS DEPARTMENT.																
"Alexandra".	Steel Steam Launch Twin Screw.	Kidderpore Dockyard, Calcutta, 1885-86.	13,131 0 0	(1) 35 (2) 23	(2) 10	8 miles ..	61 0	9 2	2 6	3 6	8 C. yds. wood.	½ C. yd. wood.	On Government work and private.	Kistna district ..	To work and private parties.	
"Arthur Cotton".	Steel Twin Screw Steam Launch.	Do. 1878-79 ..	9,535 0 0	(1) 21 (2) 28	(2) 10	8 miles ..	60 10	9 6	2 6	3 6	15 C. yds.	¾ ,,	Taking officers on canals and across river.	Dowlaishweram ..	Revenue irrigation.	
"Irene" ..	Composite Sailing Schooner.	R. I. M. Dockyard, Kidderpore, 1893.	9,712 0 0	(1) 30	..	..	53 6	12 8	4 6	5 0	..	..	For pearl fishery duties ..	Tuticorin ..	Land revenue.	
"Dorothy" ..	Steel Paddle Steamer.	Do. 1895.	60,216 0 0	(1) 91	(1) 150 (2) 38	8 miles ..	131 6	20	1 9	2 0	4	¾ C. yd. wood.	Used for conveying passengers from Rajahmundry to Kovur, &c., by East Coast Railway.	Rajahmundry ..	....	Belongs to the Local Fund Department.
"Margarita".	Composite Paddle Steamer.	Do. 1893.	89,863 0 0	(1) 152·3 (2) 91·1	(1) 340 (2) 50	10 knots ..	115 0	20 0	5 6	5 10	20	4	For pearl fishery duties ..	Tuticorin ..	Land revenue.	
"John Mullins".	Steel Paddle Steamer.	Kidderpore Dockyard, 1889-90.	31,064 0 0	(1) 64 (2) 36	(1) 110 (2) 28	10 miles ..	105 0	14 6	2 8	2 8	25 C. yds. wood.	¾ C. yd. wood.	Towing officers and stone boats across the river.	Dowlaishweram ..	Revenue irrigation.	"Rose" was the original name of the "John Mullins."
"Helen" ..	Steel Stern Wheeler.	Do. 1892.	26,971 0 0	(1) 38	(2) 15	7·8 miles ..	89 0	13 6	1 8	1 10	4	½ C. yd. wood.	Used as ferry by East Coast Railway from Rajahmundry to Vijeshweram, Bobberlankah and Dowlaishweram.	Rajahmundry ..	....	Belongs to the Local Fund Department.
"Shamrock".	Iron Paddle Steamer.	London, 1859-60 ..	20,014 0 0	(1) 61 (2) 45	(2) 16	6 miles ..	91 1	13 5	2 6	3 0	20 C. yds. wood.	1 C. yd. wood.	Towing officers and stone boats across the river.	Dowlaishweram ..	Revenue irrigation.	
"Victoria" ..	Steel Twin Screw Steam Launch.	Birmingham, 1881-82.	50,956 0 0	(1) 58 (2) 48	(1) 150 (2) 20	10 miles ..	91 6	13 0	2 6	3 6	20 C. yds. wood.	½ C. yd. wood.	Do. do.	Do. ..	Do. ..	
"Nell" ..	Steel Stern Wheeler.	Kidderpore Dockyard, 1895.	28,493 0 0	(1) 38	(2) 17	8 miles ..	89 0	13 6	2 0	2 0	7·5	½ C. yd. wood.	Used as ferry from Narsapur to Razole.	Narsapur ..	....	Belongs to the Local Fund Department.
"Wenlock".	Steel Single Screw Self-propelling Hopper Dredger.	Wm. Simon & Co., Renfrew, London.	1,99,158 0 0	(1) 333·70	(2) 45	6 knots ..	140 0	30 0	4 3	5 6	72	4	Dredging at Ports in the Madras Presidency.	Mangalore (at present).	Port funds.	
"Daisy" ..	Iron Single Screw Launch.	Glasgow, 1888 ..	£ s. d. 760 0 0	(1) 13	(2) 7	6 miles ..	45 0	9 0	3 0	3 0	2. C. yds. wood.	¼ C. yd. wood.	Employed in towing boats with materials, &c., &c., for Periyár project.	Periyár lake ..	Two estimates of Periyár project.	
Dredger ..	Steel	Kidderpore Dockyard, 1896.	..	19·5	..	..	34 0	14 0	Under construction.				For Port of Negapatam ..	....	....	
Steam dredger for Cuddalore	Round bottomed ..	In 1890 in Bombay.	RS. A. P. 9,000 0 0	(1) 20 tons. (2) 12 tons.	(1) (2) } 6 H. P.	*Nil.*	35 0	14 0	2 6	2 6	12 cwt. wood.	2 cwt. wood.	In deepening channels ..	Cuddalore ..	Port fund.	
"Empress" ..	Wooden Steam Launch.	In Bombay ..	Purchased for Rs. 3,800 in 1882.	(1) 11 tons. (2) 7 tons.	(2) 5 H. P.	7 knots ..	40 0	8 0	3 0	4 0	5 C. yds. wood.	5 C. feet wood.	For boarding vessels and inspecting lighthouses.	Cocanada ..	Do.	
"Gódávari".	Steam Tug Composite Vessel.	In Calcutta in 1891-92.	24,000 0 0	(1) 39 tons. (2) 20 tons.	(1) 80 H. P. (2) 20 H. P.	7 knots ..	60 0	12 0	4 0	5 0	15 C. yds. wood.	⅔ C. yd. wood.	For towing dredgers and punts.	Do. ..	[illegible]nding and shipping dues under Act III of 1885.	
"Priestman's" dredger.	Iron Vessel ..	Fitted up at Cocanada in 1884.	17,500 0 0	(1) 28¼ tons.	(2) 14 H. P.	*Nil.*	54 8	13 0	3 0	2 6	12 C. yds. wood.	⅓ C. yd. wood.	For dredging in the river and the bar.	Do. ..	Do.	The machinery of this dredger is fitted on an iron barge and is not self-propelling.
"Connemara" dredger.	Wooden Vessel ..	At Cocanada in 1890.	14,000 0 0	(1) 35¾ tons.	(2) 11 H. P.	*Nil.*	49 6	18 8	2 4	2 0	12 C. yds. wood.	⅓ C. yd. wood.	Do. do. ..	Do. ..	Do.	The machinery of this dredger is fitted on a wooden barge which is not self-propelling.
REVENUE DEPARTMENT.																
"Katherine".	Twin Screw Steam Launch.	England, 1891 ..	£ s. d. 457 0 0	(1) 11·62 (2) 8	(2) 4 (about)	7 miles ..	35 0	8 1	1 6	2 6	10 cwt. ..	½ cwt. ..	For inspection of salt factories, saline tracts and T. T. areas along the Buckingham Canal by the Commissioners.	Buckingham Canal	To the combined Salt and Abkári Dept. subject to adjustment between "V. Salt" & "VII Excise."	

(Signed) D. McNEIL CAMPBELL, Colonel, R.E.,
Secy. to Government, Marine Department.

Marine
~~PUBLIC WORKS~~ DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

Print. List to be printed separately

From the Government of India, No.343, dated 18th April 1896.

G.O.340 Marine, dated 15th May 1896.

From the Presidency Port Officer, Madras, No.1451/184 G., dated 2nd June 1896.

Memorandum in the Marine Department, No.301 E., dated 8th June 1896.

From the Presidency Port Officer, Madras, No.1451/194 G., dated 10th June 1896.

G.O.No.430 Marine, dated 16th June 1896.

From the Presidency Port Officer, Madras, No.1451/286 G., dated 4th September 1896.

Endorsement in the Marine Department, No.441 E., dated 7th September '96

From the Chief Engineer for Irrigation, No.1 W., dated 6th January 1897.

Endorsement in the Marine Department, No.27 E., dated 19th January 1897.

G.O., Revenue Department, No.1666 R., dated 24th August 1896.

From the Chief Engineer for Irrigation, No.28 dated 25th August 1896.

G.O., Revenue Department, No.1763 Mis., dated 1st April 1897.

No 366 Marine d/ 22nd April 189

2D

Ordered that the list of Government vessels appertaining to Madras, corrected to date, be printed, and copies forwarded to the Government of India, Marine Department, for information.

To
The Presy. Port Officer.
,, Public Works Department.
,, Revenue Department.
} with copies of list.

No 367 Marine d/ 22nd April 18

19/5/97

Copy of the above with copies of the corrected list forwarded to the Government of India, Marine Department, with reference to Mr. Cardew's

Cardew's Memorandum No.343 dated 18th April 1896.

22/4/97

M.

19/8/97

M. D. II. Ships

18

No. 343.

GOVERNMENT OF INDIA.

MARINE DEPARTMENT.

Simla, the 18th April 1896.

To

The Secy. to the Govt. of Mad
Public Works (Marine) Deptt.

MEMORANDUM.

× One copy of the statement showing steamers, sailing vessels, &c. belonging to the Royal Indian Marine and other Departments of the Govt. of India, and to the several local Governments and Administrations.

× Forwarded for record.

By order,

S. G. Cardew

Offg. Asstt. Secretary to the Government of India.

MARINE B. No. 4/3

Rd. 27. 4. 96

Lo. 334 mar of 14-11-55
Rr No. 75 of 2-8-55

List 1/B

2 P

Lo. 340 marine of 15th May 1896

Recorded

The list will be forwarded to the Presidency Portofficer, but it does not seem complete as regards vessels belonging to the Madras Govt. – A complete list of such vessels should be submitted by the P.S. Officer

14/5/96

Cur. 13-5-96.

The P.S.O.

DESPATCHED
22 MAY. 96

Removed from
G.O. 430 mar of 16-6-96

23/5

O. L. S. 4.

Print Separately

3

STATEMENT SHOWING ~~STEAMERS~~, SAILING VESSELS, &c., under ~~BELONGING TO~~ THE GOVERNMENT OF MADRAS.

SIONS.		COAL.		How employed.	Where employed.	How charged.	REMARKS.
Draft.		Quantity carried.	Consumption per hour.				
Forward.	Aft.						
10	11	12	13	14	15	16	17
Ft. in.	Ft. in.	Tons.	Cwts.				
GOVERNMENT.							
DEPARTMENT.							
2 6	2 6	5	2	Reserve	Reserve	Sone Canal working expenses.	
3 0	3 0	5	2	Hired to contractors for passengers and goods service in Sone Canals.	Arrah Canal and on Main Western Canals.	Leased to contractors. Receipts credited to Navigation Revenue.	
3 0	3 0	5	2	Do. ...	Patna and Main Eastern Canals.	Do.	
1 9	2 8	5	3	For Superintending Engineer.	Sone Canals ...	Sone Canal working expenses.	
1 0	2 0	5	3	Tug for weedrake...	Main Western and Arrah Canals.	......	
2 6	2 6	6	3½	Hired to contractors for passengers and goods service in Sone Canals.	Arrah Canal and on Main Western Canals.	Leased to contractors. Receipts credited to Navigation Revenue.	
4 0	4 6	Wood 7	Wood 13	On H. L. Canal, Bhadrak Line.	Cuttack	To 42 major works working expenses.	
4 4	4 6	Wood 5	Wood 7	For inspection purposes.	Do.	Do. Mahanadi Head works.	
2 6	3 0	Wood 5	Wood 11	On H. L. Canal, Bhadrak Line.	Do.	To 42 major works working expenses.	
2 6	3 0	1	¾	For inspection purposes by Supervisor, Calcutta Canals.	Calcutta Canals ...	To maintenance of Circular and Eastern Canals.	
2 4	4 0	2½	2	For towing and inspection purposes.	Circular and Eastern Canals.	Do.	
3 0	5 0	3½	2½	Do. ...	Do. ...	Do. and Nadia rivers.	Purchased from the Calcutta Corporation. The original cost of the vessel being Rs. 18,813 as intimated by the Municipality.
2 0	3 6	2½	1½	Do. ...	Orissa Coast Canal.	To maintenance of Orissa Coast Canal and Hidgellee Tidal Canal.	
2 6	3 0	1½	2	Inspection purposes.	Midnapore Canal ...	To maintenance of Midnapore Canal.	
2 3	3 6	4	2	For towing and inspection purposes.	South-Western Canal.	To maintenance Circular and Eastern Canals, Midnapore Canals, Orissa Coast Canals, Hidgellee Tidal Canal and Nadia rivers.	
2 11	3 10	10	3	......	......	......	
2 5	3 2	1½	2	Under Public Works Department.	Calcutta	Tools and Plant, Provincial.	

LIST OF VESSELS (STEAMERS, STEAM-LAUNCHES, &c.,) UNDER THE CONTROL OF THE CIVIL DEPARTMENT OF THE GOVERNMENT OF BENGAL.

Name.	Description.	When and where built.	Original Cost.	(1) Gross, (2) Register Tonnage, (3) Suez Canal.	(1) Indicated Horse-Power, (2) Nominal.	Speed.	Dimensions.				Coal.		How employed.	When employed.	How charged.	Remarks.
							Length.	Breadth.	Draft.		Quantity carried.	Consumption per hour.				
									Forward.	Aft.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
							Ft. in.	Ft. in.	Ft. in.	Ft. in.	Tons.	Cwts.				
LIST OF STEAMERS UNDER THE CONTROL OF THE REVENUE DEPARTMENT.																
"Cygnet" ...	Iron Paddle Steamer.	I. G. Dockyard, Kidderpore, in 1876.	Rs. 25,000	(1) 42	(1) 110 (2) 35	8 miles	80 0	12 0	2 3	3 6	9	2	On forest inspection work.	Sundarbans Forest Division, Bengal.	To Forest Department.	
"Seal" ...	Do. ...	I. G. Dockyard, Kidderpore, 30th December 1886.	Rs. 32,969	(1) 54·7	(1) 376 (2) 120	Do.	93 2	14 0	2 2	2 11	10	2	Do. ...	Do. ...	Do.	
"Swan" ...	Steel Twin Screw Steamer.	I. G. Dockyard, Kidderpore, 1892.	Rs. 31,150-6-3.	(1) 78·4	(1) 193·4 (2) 22	11 miles	100 0	16 0	2 3	3 11	16	4	Do. ...	Do. ...	Do.	
"Marjory" ...	Steel Single Screw Steam Cutter.	I. G. Dockyard, Kidderpore, 1893.	Rs. 4,666	(1) 6·6	(1) 25 (2) 4	7·07 miles	33 0	7 0	1 11	2 9	10 cwts.	70 lbs.	Do. ...	Do. ...	Do. ...	The three cutters do not run independently, but are attached to the "Cygnet", "Seal" and "Swan" respectively.
"Dorothy" ...	Do. ...	Do. ...	Rs. 4,666	(1) 6·6	Do.	Do.	33 0	7 0	1 11	2 9	10	70 ,,	Do. ...	Do. ...	Do. ...	
"Enid" ...	Do. ...	Do. ...	Rs. 4,666	(1) 6·6	Do.	Do.	33 0	7 0	1 11	2 9	10	70 ,,	Do. ...	Do. ...	Do. ...	
Accommodation Flat.	Iron	I. G. Dockyard, Kidderpore, in 1881.	Rs. 7,123-1-7	(1) 28	*Nil*	*Nil*	52 0	14 0	1 6	1 6	*Nil*	*Nil*	Do. ...	Do. ...	Do. ...	Attached to steamer "Cygnet".
LIST OF STEAMERS UNDER THE CONTROL OF THE FINANCIAL DEPARTMENT.																
"Swift" ...	Iron Single Screw Steam Launch.	Government Dockyard, Kidderpore, 1876.	Rs. 7,500	(1) 9·6	(2) 8·8	10 miles	52 6	7 0	2 0	3 0	3	2	Posting Custom House Officers to incoming vessels on arrival.	Calcutta ...	Provincial Revenue.	
"Hornet" ...	Do. ...	Government Dockyard, Kidderpore, 1878.	Rs. 5,900	(1) 5·5	(2) 4	7 miles	37 6	7 4	2 4½	3 2½	25 cwts	1	For Special Inspector visiting a Division, and variously.	Do. ...	Do.	
~~"Ivy"~~ ...	~~Steel Twin Screw Steam Launch.~~	~~R. I. M. Dockyard, Kidderpore, 1893.~~	~~Rs. 11,905~~	~~(1) 21·7~~	~~(2) 14·3~~	~~10·67 miles~~	~~63 0~~	~~11 0~~	~~2 0~~	~~3 3~~	~~8~~	~~3~~	~~Posting preventive officers to incoming vessels on arrival.~~	~~Calcutta, river Hooghli.~~	~~Do.~~	
"Ada" ...	Wood Cutter with cabin.	Built by Messrs. John King & Co., Calcutta, in 1891-92.	Rs. 2,000	(1) 6	*Nil*	......	35 0	8 6	2 0	2 6	...	...	For inspection by the Assistant Commissioner of saline tracts, &c., in the circles under his charge.	In the Balasore sub-division in Orissa.	Orissa Salt Department.	
"Marie" ...	Do. ...	Do. ...	Rs. 2,000	Do.	......	......	35 0	8 6	2 0	2 6	...	...	Patrolling saline tracts.	Balasore Circle ...	Do.	
"Amy" ...	Do. ...	Do. in 1890.	Rs. 1,554-7-0	Do.	......	......	35 0	8 6	2 0	2 6	...	...	Do. ...	Do. ...	Do.	
"Flora" ...	Do. ...	At Calcutta, by Messrs. John King & Co., in 1889-90.	Rs. 1,554-7-0	Do.	......	......	35 0	8 6	2 0	2 6	...	...	Do. ...	Basudebpur Circle..	Do.	
"Banshee" ...	Do. ...	Do. in 1886-87.	Rs. 1,414-6-0	Do.	......	......	35 0	8 6	2 0	2 6	...	...	Patrolling ...	Kendrapara Circle..	Do.	

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Name.	Description.	When and where built.	Original Cost.	(1) Gross, (2) Register Tonnage, (3) Suez Canal.	(1) Indicated Horse-power, (2) Nominal.	Speed.	DIMENSIONS.				COAL.		How employed.	Where employed.	How charged.	REMARKS.
							Length.	Breadth.	DRAFT. Forward.	DRAFT. Aft.	Quantity carried.	Consumption per hour.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
							Ft. in.	Ft. in.	Ft. in	Ft in.	Tons.	Cwts.				
LIST OF STEAMERS UNDER THE CONTROL OF THE FINANCIAL DEPARTMENT—~~continued~~.																
"Aileen" ...	Wood Cutter with cabin.	At Calcutta by Messrs. John King & Co., in 1886-87.	Rs. 1,414-6-0	(1) 6	......	......	35 0	8 6	2 6	3 0	...	...	Patrolling	Kendrapara Circle.	To Orissa Salt Department.	
"~~Beatrice~~" ...	~~Wood Single Screw Steam Launch.~~	~~Purchased in London by the India Office in 1883.~~	~~£ 278~~	~~(1) 4~~ ~~(2) 2~~	~~(1) 12~~ ~~(2) 3~~	~~8 miles~~	~~35~~ ~~52 2~~	~~5 5~~	~~3 0~~	~~3 6~~	~~4 cwts.~~	~~½~~	~~For inspection of saline tracts and prevention of manufacture of illicit salt.~~	~~Do.~~ ...	~~Do.~~	To be omitted
"Kathleen" ...	Wood Cutter with cabin.	Calcutta by Messrs. John King & Co., in 1886-87.	Rs. 1,414-6-0	(1) 6	......	......	35 0	8 6	2 0	2 6	...	Stet	~~Salt preventive duty~~	~~Machgaon Circle, Cuttack District.~~	Stet Do.	X
"~~Helen~~" ...	~~Ditto~~ ...	~~Old boat purchased from a District Superintendent of Police, Puri, in February 1886.~~	~~Rs. 1,000~~	~~(1) 4~~	......	......	~~35 0~~	~~8 0~~	~~1 9~~	~~1 10~~	...	...	For inspection of saline tracts and salt factories of Tua and Gurubai, and for prevention of manufacture of illicit salt along the Chilka Lake.	~~Manikpatna Circle.~~	Do.	To be omitted
"Uriya" ...	Composite Twin Screw Steam Launch	R. M. Dockyard, Calcutta, in 1893.	Rs. 4,340	(1) 5	(2) 4	7 miles	30 0	7 0	1 5½	1 6½	1 ton	½	~~Do.~~ ... For inspection of saline tracts and prevention of manufacture of illicit salt	~~Do.~~ ... Kendrapara Circle	Do.	
LIST OF STEAMERS UNDER THE CONTROL OF THE JUDICIAL DEPARTMENT.																
24-PARGANAS—"Watch" ...	Iron Twin Screw Steam Launch.	Government Dockyard, Kidderpore, 1882.	Rs. 16,198	(1) 21·4	(2) 20	10 miles	56 0	10 0	2 9	4 2	12	2½	On inspection and other police duties. The launch is also used by the Commissioner of the Division and the Magistrate.	24-Parganas ...	Cost of the establishments is met from the grant under the head "Fixed boat establishment" in the Police budget.	
KHULNA—"Muriel" ...	Iron Single Screw Steam Launch.	Government Dockyard, Kidderpore, 1880. Lengthened in 1885.	Rs. 6,105	(1) 6·7	(2) 7	9 miles	44 0	7 6	2 0	3 0	3	1½	For inspection and other duties. Used by district and controlling officers	Kulna District ...	Paid from Police Budget General Reserve.	
DACCA—"Marion" ...	Steel Twin Screw Steam Launch.	Kidderpore Dockyard. Construction completed in October 1891.	Rs. 9,232	(1) 18	(2) 14·3	9¾ miles	56 6	10 1	1 4	2 6	4	3	Employed by District Magistrate, District Superintendent and Assistant Superintendents for camping purposes.	Dacca District ...	Pay charged in establishment bill, and contingent charges, such as for coals, &c., are charged in contract contingencies.	
FARIDPUR—"Peel" ...	Steel Single Screw Steam Launch.	Birmingham ...	......	(1) 10·08	(2) 7	6 miles	40 0	7 0	4 0	4½ 0	1½	2	Inspection of Police stations and investigation of cases.	Permanently in Faridpur.	Do.	
BACKERGUNGE—"Alice" ...	Steel Twin Screw Steam Launch.	Government Dockyard, Kidderpore, 1893.	Rs. 11,357	(1) 16·8	(2) 14·3	11·4 miles	58 0	10 3	2 3	3 3	2	2	Do. ...	Backergunge ...	Do.	
"Noakhali ...	Wood Sailing Vessel.	Do. 1894.	Rs. 5,600	(1) 16·8	......	......	56 0	10 0	3 6	3 8	...	...	District Superintendent of Police.	Noakhali ...	Do.	
LIST OF STEAMERS UNDER THE CONTROL OF THE MARINE DEPARTMENT.																
"Relief" ...	Steel Twin Screw Steam Launch.	R. I. M. Dockyard, Kidderpore, 1893-94.	Rs. 16,342-10-4	(1) 19·8	(2) 12	11·25 miles	66 0	10 0	2 3	4 1	5 tons	3	Employed by the Health Officer of the Port of Calcutta in performing his sanitary inspection duties.	Employed in the Port of Calcutta.	Charged to the Calcutta Hospital Port Dues Funds.	
Steam-cutter ...	Wood Air-cased Single Screw.	R. I. M. Dockyard, Kidderpore, October 1891.	Rs. 4,834-13-2	(1) 3·5	(2) 3½	8·1 miles	28 0	6 3	2 3	3 0	4 cwts.	1	Do. ...	Do. ...	Do.	

Name.	Description.	When and where built.	Original Cost.	(1) Gross, (2) Register Tonnage, (3) Suez Canal.	(1) Indicated Horse Power, (2) Nominal.	Speed.	Dimensions. Length.	Dimensions. Breadth.	Dimensions. Draft. Forward.	Dimensions. Draft. Aft.	Coal. Quantity carried.	Coal. Consumption per hour.	How employed.	Where employed.	How charged.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
							Ft. in.	Ft. in.	Ft. in.	Ft. in.	Tons.	Cwts.				
LIST OF STEAMERS UNDER THE CONTROL OF THE MARINE DEPARTMENT—*continued.*																
"Exchantress"	Steel Twin Screw Steam Launch.	Kidderpore Dockyard, 1890.	Rs. 2,13,360	(1) 24	(2) 14·3	10·55 miles	60 0	11 0	2 6	3 0	7	3	Under the Port Officer of Calcutta for river service.	On the river Hooghly, Calcutta.	Provincial revenues.	
"Florence" ...	Steel Single Screw Steam Launch.	Torney Croft, London, 1884.	Rs. 8,400	(1) 11	(2) 10	11 miles	45 0	7 0	3 0	4 7	1¼	2	Under Engineer and Shipwright Surveyors to this Government.	At the Port of Calcutta.	Do.	
"Alice" ...	Composite Pilot Brig.	Bombay, 1893.	Rs. 2,23,993	(1) 319·31	......	......	120 0	26 0	12 6	12 8	...	...	For the Bengal Pilot service.	Sandheads ...	Do	
"Sarsuti" ...	Iron Pilot Brig.	Glasgow, 1883.	£ 13,478	(1) 375	......	......	114 6	26 0	12 9	13 5	...	...	Do. ...	Do.	Do.	
"Fame" ...	Composite Pilot Brig.	Bombay, 1889.	Rs. 1,91,504	(1) 320	......	......	120 0	26 0	12 4	12 6	...	...	Do. ...	Do.	Do.	
"Chaffinch" ...	Iron Paddle Steamer.	Government Dockyard at Kidderpore, 1872.	Unknown ...	(1) 80	(1) 90 (2) 25	9 miles	80 0	12 0	3 0	3 6	10	2½	Is at the Commissioner's disposal for tours of inspection by himself and other inspecting officers. Runs on weekly service with private passengers and cargo, as well as with Government sepoys, coolies and stores.	Between Chitagong and Rangamati.	Do.	
"Lorna" ...	Steel Twin Screw Steam Launch.	Government Dockyard, Kidderpore, 1889.	Rs. 16,058	(1) 28·51	(2) 20	12·84 miles	74 6	12 0	2 9	3 6	7	3	Employed by the Commissioner of the Dacca Division.	In the Dacca Division.	Pay of the crew is charged in establishment bill and contingent charges in special contingency, both debitable to Provincial Funds.	
MADRAS GOVERNMENT. PUBLIC WORKS DEPARTMENT.																
"Alexandra"	Steel Steam Launch Twin Screw.	Kidderpore Dockyard, Calcutta, 1885-86.	Rs. ~~14,125~~ 13131	(1) 35 (2) 23	(2) 10	8 miles	61 0	9 2	3 6	3 6	8 C. yds. wood.	½ C. yd. wood	On Government work and private.	Krishna District ...	To work and private parties.	
"Arthur Cotton"	Steel Twin Screw Steam Launch.	Do. 1878-79.	Rs. 9,535	(1) 21 (2) 28	(2) 10	8 miles	60 10	9 6	2 6	3 6	15 C. yds.	⅔ ,,	Taking officers on canals and across river.	Dawleshweram ...	Revenue Irrigation.	
"Irene" ...	Composit Sailing Schooner.	R. I. M. Dockyard, Kidderpore, 1893.	Rs. 9,712	(1) 30	......	......	53 6	12 8	4 6	5 0	...	...	For Pearl Fishery duties.	Tuticorin	Land revenue.	
"Dorothy"	Steel paddle Steamer	Do. 1895	Rs 60,246	(1) 91	(1) 150 (2) 38	8 miles	131. 6	20.	1.9	2,0	4	¾ C yd wood	Used for conveying passengers from Rajahmundry to Kovur &c by E. C. Railway	Rajahmundry	-	Belongs to Local Fund Dept.

MADRAS GOVERNMENT—continued.

PUBLIC WORKS DEPARTMENT—continued.

Name.	Description.	When and where built.	Original Cost.	(1) Gross, (2) Register Tonnage, (3) Suez Canal.	(1) Indicated Horse Power, (2) Nominal.	Speed.	Dimensions. Length.	Dimensions. Breadth.	Draft. Forward.	Draft. Aft.	Coal. Quantity carried.	Coal. Consumption per hour.	How employed.	Where employed.	How charged.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
							Ft. in.	Ft. in.	Ft. in.	Ft. in.	Tons.	Cwts.				
"Margarita" ...	Composite Paddle Steamer.	R. I. M. Dockyard, Kidderpore, 1893.	Rs. 89,863	(1) 152·3 (2) 91·1	(1) 340 (2) 50	10 knots	115 0	20 0	5 6	5 10	20	4	For Pearl Fishery duties.	Tuticorin	Land revenue.	
~~Rose~~ John Mullins ...	Steel Paddle Steamer.	Kidderpore Dockyard, 1889-90.	~~Rs. 31,000~~ 31064	(1) 64 (2) 36	(1) 110 (2) 28	10 miles	105 0	14 6	2 8	2 8	25 C. yds. wood.	¾ C. yd. wood.	Towing officers and stone boats across the river.	Dowleshweram ...	Revenue irrigation.	"Rose" was the original name of the "John Mullins."
⊕ "Helen" ...	Steel Stern Wheeler.	Do. 1892 ...	Rs 26971	(1) 38	(2) 15	7·8 miles	89 0	13 6	1 8	1 10	4	½ C. yd. wood.	......	~~Do.~~ Rajahmundry	......	(used as ferry by East Coast Railway from Rajahmundry to Vijeshweram, Bobbarlanka & Dowleshweram.
"Shamrock" ...	Iron Paddle Steamer.	London, 1859-60.	Rs. 20,014	(1) 61 (2) 45	(2) 16	6 miles	91 1	13 5	2 6	3 0	20 C. yds. wood.	1 C. yd. wood.	Towing officers and stone boats across the river.	~~Do.~~ Dowleshweram	Revenue irrigation.	
"Victoria" ...	Steel Twin Screw Steam Launch.	Birmingham, 1881-82.	Rs. 50,956	(1) 58 (2) 48	(1) 150 (2) 20	10 miles	91 6	13 0	2 6	3 6	20 C. yds. wood.	½ C. yd. wood.	Do. ...	Do. ...	Do.	
⊕ "Nell" ...	Steel Stern Wheeler.	Kidderpore Dockyard, 1895.	Rs 28493	(1) 38	(2) 17	8 miles	89 0	13 6	2 0	2 0	7·5	½ C. yd. wood.	~~For the Superintending Engineer, Dowleshweram.~~	~~Godáveri~~ Narsapur ...	......	(used as ferry from Narsapur to Razole.
"Wenlock" ...	Steel Single Screw Self-propelling Hopper Dredger.	Wm. Simon & Co., Renfrew, London.	Rs. 1,99,158	(1) 333·70	(2) 45	6 knots	140 0	30 0	4 3	5 6	72	4	Dredging at Ports in the Madras Presidency.	Manglore (at present).	Port Funds.	⊕ Belong to the Local Fund Dept.
"Daisy" ~~Not named yet.~~	Iron Single Screw Launch.	Glasgow, 1888.	£ 760	(1) 13	(2) ·7	6 miles	45 0	9 0	3 0	3 0	2. C. yds. wood.	¼ C. yd. wood.	Employed in towing boats with materials, &c., &c., for Periyar project.	Periyar Lake ...	To estimates of Periyar ~~Lake~~ Project.	
Dredger ...	Steel ...	Kidderpore Dockyard, 1896.	... ...	19·5	......	......	34 0	14 0	Under construction.				For Port of Negapatam.	......	......	

Madras Govt Revenue Department

Name.	Description.	When and where built.	Original Cost.	(1) Gross, (2) Register Tonnage, (3) Suez Canal.	(1) Indicated Horse Power, (2) Nominal.	Speed.	Length.	Breadth.
Katherine	Twin screw Steamlaunch	England 1891	£457	(1) 11.62 (2) 8	--- (2) 4 (abt)	7 miles	35-0	8-1"

TIRHOOT

Name.	Description.	When and where built.	Original Cost.	(1) Gross, (2) Register Tonnage, (3) Suez Canal.	(1) Indicated Horse Power, (2) Nominal.	Speed.	Length.	Breadth.
"Belle" ...	Iron Twin Screw Steam Launch.	Preston, England, 1886.	Rs. 30,000	(1) 32 (2) 27	(1) 30 (2) 14	12 miles	61 0	12 0
"Cormorant" .	Iron Paddle Steamer.	Government Dockyard, Kidderpore, 1883.	Rs. 1,26,182	(1) 215 (2) 138	(1) 255 (2) 93	12 miles	158 0	22 0 39 0 over paddle boxes.
"Eagle" ...	Do. ...	Do. 1880.	Rs. 1,00,559	(1) 215 (2) 138	(1) 255 (2) 93	12 miles	158 0	22 0 39 0 over paddle boxes.

EASTERN BENGAL

Name.	Description.	When and where built.	Original Cost.	(1) Gross, (2) Register Tonnage, (3) Suez Canal.	(1) Indicated Horse Power, (2) Nominal.	Speed.	Length.	Breadth.
"Alligator" ...	Steel Paddle Steamer.	Government Dockyard, Kidderpore, 1887.	Rs. 2,31,234	(1) 310	(1) 704·5 (2) 250·0	13 miles	231 0	28 0 50 0 over paddle boxes.
"Annie" ...	Steel Single Screw Steam Launch.	Messrs. Apcar & Co., Calcutta, 1889.	Rs. 4,750	(1) 10	(2) 6	5 miles	37 0	6 0
"Barrh" ...	Iron Paddle Steamer.	......	Rs. 20,049	(1) 112	(2) 60	9 miles	105 0	18 9 28 0 over paddle boxes.

EASTERN BENGAL STATE RAILWAY SYSTEM—*continued*.

Name.	Description.	When and where built.	Original Cost.	(1) Gross, (2) Register Tonnage, (3. Suez Canal.	(1) Indicated Horse Power, (2) Nominal.	Speed.	DIMEN		SIONS.		COAL.		How employed.	Where employed.	How charged.	REMARKS.
							Length.	Breadth.	Draft.		Quantity carried.	Consumption per hour.				
									Forward.	Aft.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
							Ft. in.	Ft. in.	Ft. in.	Ft. in.	Tons.	Cwts.				
"Crocodile" ...	Steel Paddle Steamer.	Government Dockyard, Kidderpore, 1888.	Rs. 2,31,234	(1) 310	(1) 925·19 (2) 250·	13 miles.	231 0	28 0 50 0 over paddle boxes.	4 0	4 6	45	35	Despatch service...	Goalundo and Naraingunj.	Steam Boat Service working vessels.	
"Dolphin" ...	Steel Stern Wheeler.	England. Put together Government Dockyard, Kidderpore, 1886.	Rs. 88,898	(1) 125	(1) 125 (2) 42	11 miles.	137 0	29 0	1 10½	2 1	36	5¾	Ferry service ...	Kawnia and Teesta.		
"Douglas" ...	Iron Paddle Steamer.	1878	Rs. 23,300	(1) 30	(2) 42	10 miles.	96 0	14 6 24 0 over paddle boxes.	2 3	2 8	10	5	......	......		
"Fox" ...	Steel Paddle Steamer.	Laird Bros., Birkenhead, 1880.	Rs. 53,099	(1) 40	(2) 32	10 miles.	110 0	15 0 24 0 over paddle boxes.	2 6	2 6	10	4½	......	......		
"Kosi" ...	Iron Single Screw Steam Launch.	Messrs. Apcar & Co., Calcutta, 1884.	Rs. 11,000	(1) 27	(2) 14	9 miles.	70 0	10 0	2 9	3 3	4	3¼	......	......		
"Lukhia" ...	Iron Paddle Steamer.	Government Dockyard, Kidderpore, 1880.	Rs. 1,02,500	(1) 215 (2) 138	(1) 255 (2) 93	12 miles.	156 6	22 0 39 0 over paddle boxes.	3 4	4 0	30	17	......	......		
"Lynx" ...	Steel Paddle Steamer.	Laird Bros, Birkenhead, 1880.	Rs. 53,615	(2) 40	(2) 32	10 miles.	110 0	15 0 24 0 over paddle boxes.	2 6	2 6	10	4½	......	......		
"Osprey" ...	Iron Paddle Steamer.	Government Dockyard, Kidderpore, 1879.	Rs. 1,02,106	(1) 215 (2) 138	(1) 255 (2) 93	12 miles.	156 6	22 0 39 0 over paddle boxes.	3 4	4 0	30	10	Ferry service ...	Sara and Damukdia Ghat.		
"Porpoise" ...	Steel Paddle Steamer.	Do. 1891.	Rs. 3,33,137	(2) 372	(2) 250	15·86 miles.	250 0	31 0 54 0 over paddle boxes.	4 5	4 11	65	22	Despatch service ...	Goalundo and Naraingunj.		
"Prince Alfred"	Iron Paddle Steamer.	R. Stevenson & Sons, Newcastle, 1860.	Rs. 89,446	(2) 331	(1) 1,403 (2) 150	10 miles.	207 6	36 6 62 0 over paddle boxes.	3 0	3 0	60	27	......	......		
"Princess Alice"	Do. ...	Do. Built, 1862. Purchased, 1865.	Rs. 97,500	(2) 331	(2) 150	10 miles.	207 6	36 6 62 0 over paddle boxes.	3 0	3 0	60	27	Ferry service ...	Sara and Raita ...		
"Rob Roy" ...	Do. ...	1873	*Rs. 16,780	(2) 46	(2) 37	10 miles.	86 0	12 6 20 0 over paddle boxes.	3 2	3 6	10	5	Do. ...	Diamond Harbour and Tumlook.		*Estimated costs.
"Soorma" ...	Do. ...	Government Dockyard, Kidderpore, 1880.	Rs. 1,02,500	(1) 215 (2) 138	(1) 255 (2) 93	12 miles.	156 6	22 0 39 0 over paddle boxes.	3 4	4 0	30	17	......	......		
"Vampire" ...	Do. ...	Do. 1879.	Rs. 1,02,540	(1) 215 (2) 138	(1) 255 (2) 93	12 miles.	156 6	22 0 39 0 over paddle boxes.	3 4	4 0	30	10	......	......		
No. 1 ...	Iron Flat ...	Purchased, 1865.	†Rs. 35,000	(2) 560	......	......	208 0	35 0	1 6	1 6	...	...	Chartered to the I.	G. S. N. Company.	......	†Original cost not known. Estimated figures given.
" 3 ...	Do. ...	Do. ...	†Rs. 26,000	(1) 500	......	......	225 0	30 0	1 8	1 8	...	...	Chartered to Messrs.	Bird and Company.	......	
" 4 ...	Do. ...	Built, 1876 ...	†Rs. 39,000	(1) 535	......	......	209 0	30 0	1 8	1 8	...	...	Chartered to the I.	G. S. N. Company.	.....	
" 5 ...	Do. ...	Purchased, 1868.	Rs. 38,000	(1) 500	......	......	225 0	30 0	1 6	1 6	...	...	Traffic Ferry Service.	Sara Damukdia ...	......	
" 6 ...	Do. ...	Do. 1871 ...	......	(1) 148	......	......	125 0	23 0	2 0	2 0	...	...	......	......	......	
" 7 ...	Do. ...	Do. 1870 ..	†Rs. 30,000	(1) 480	......	......	200 0	30 0	1 9	1 8	...	...	......	......	......	
" 8 ...	Do. ...	Do. 1870 ...	†Rs. 35,000	(1) 480	......	......	200 0	30 0	1 9	1 8	...	...	Chartered to the I.	G. S. N. Company.	......	
" 11 ...	Do. ..	Built, 1878 ...	†Rs. 53,000	(1) 640	......	......	225 0	35 0	1 5	1 5	...	...	Ditto.		......	
" 12 ..	Do. ...	Do. 1878 ...	Rs. 53,500	(1) 640	......	......	225 0	35 0	1 5	1 5	...	...	Ditto.		......	
" 13 ...	Do. ...	Do. 1879 ..	Rs. 55,000	(1) 640	......	......	225 0	35 0	1 5	1 5	...	...	Ditto.		......	
"Isla" ...	Do. ...	......	Rs. 5,535	(1) 381	......	......	212 0	32 6	1 8	1 8	...	...	......	......	......	
"Gogra" ...	Do. ...	Purchased, 1887.	(a) Rs. 16,000	(1) 360	......	......	194 0	24 0	1 10	1 10	...	...	Landing Stage ...	Goalundo	Steam Boat Service.	(a) Price at which purchased.
"Mary Stuart"	Do. ...	Do. 1885...	(a) Rs. 11,500	(1) 300	......	......	154 0	23 0	2 0	2 0	...	...	Do. ...	Naraingunj ...		

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Name.	Description.	When and where built.	Original Cost.	(1) Gross, (2) Register Tonnage, (3) Suez Canal.	(1) Indicated Horse Power, (2) Nominal.	Speed.	DIMEN Length.	Breadth.
1	2	3	4	5	6	7	8	9
							Ft. in.	Ft. in.
							EASTERN BENGAL STATE	
No. A 2 ...	Iron Flat ...	Government Dockyard, Kidderpore, 1879.	†Rs. 25,831	(1) 250	......	......	140 0	20 0
" A 3 ...	Do. ..	Do. 1881 ...	(a)†Rs. 18,040	(1) 220	......	......	140 0	20 0
" A 4 ...	Do. ...	Do. 1883 ..	Rs. (a) 20,000	(1) 220	......	......	140 0	20 0
" A 5 ...	Do. ..	Do. 1881 ...	†Rs. 25, 31	(1) 250	......	......	140 0	20 0
" A 6 ...	Do. ...	Do. 18 1 ..	Rs. 25,231	(1) 250	......	......	140 0	20 0
" B 1 ...	Do. ...	Do. 1881 ...	†Rs. 4,259	(1) 80	......	......	90 10	14 0
" B 2 ...	Do. ...	Do. 1881 ..	Rs. 4,259	(1) 80	......	......	90 10	14 0
" B 3 ...	Do. ...	Do. 1881 ...	Rs. 4,259	(1) 80	......	......	90 10	14 0
" B 4 ...	Do. ...	Do. 1881 ...	Rs. 4,259	(1) 80	......	......	90 10	14 0
" C 1 ...	Do. ...	Do. 1881 ...	†Rs. 3,267	(1) 50	......	......	70 0	14 0
" C 2 ...	Do. ...	Do. 1881 ...	†Rs. 3,267	(1) 51	......	......	66 0	13 0
" D 1 ...	Do. ..	Do. 1884 ...	†Rs. 60,198	(1) 600	......	......	170 0	34 6
" E 1 ...	Steel Flat ..	Do. 18·7 ...	Rs. 34,115	(1) 200	......	......	130 0	29 0
" E 2 ...	Do. ...	Do. 1887 ...	Rs. 34,115	(1) 200	......	......	130 0	29 0
" F 1 ...	Do. ...	Do. 1888 ...	Rs. 47,589	(1) 350	......	......	180 0	36 0
" F 2 ...	Do. ...	Do. 1889 ...	Rs. 47,589	(1) 350	......	......	180 0	36 0
" F 3 ...	Do. .	Do. 1889 ..	Rs.475·9	(1) 350	......	......	180 0	36 0
" C 1 ...	Steel Pontoon.	Purchased, 1890.	(a)Rs. 25,000	(1) 300	......	......	200 0	25 0
" C 2 ...	Do. ...	Do. ...	......	(1) 300	......	......	200 0	25 0
" 1 ...	Do. ...	......		(1) 29·76	......	......	64 0	15 6
" 2 ...	Do. ...	......	......	(1) 21·78	......	......	60 6	15 2
" 4 ..	Do. ...	......	......	(1) 22	......	......	61 0	15 8
" 5 ...	Do. ...	......	......	(1) 18	......	......	40 5	12 8
" 1 ...	Pontoon Steel.	Kidderpore Dockyard, 1894.	......	(1) 7·02	......	......	30 0	13 0
" 2 ...	Do.	Do.	......	(1) 7·02	......	......	30 0	13 0
							NORTH-WEST	
"Amritsar" ...	Iron Flat ...	1868	Rs. 77,506	(1) 192	......	......	150 0	28 0
"Hyderabad" .	Do. ...	1862	Rs. 1,02,492	(1) 192	......	......	150 0	28 0
"Multan" ...	Do. ...	1862	Rs. 78,570	(1) 192	......	......	150 0	82 0
"Shikarpur" ...	Do. ...	1868	Rs. 78,362	(1) 192	......	......	150 0	28 0
"Simla" ...	Do. ...	1868	Rs. 84,665	(1) 192	......	......	150 0	28 0
"Cashmere" ...	Do. ...	Karáchi, 1868 .	Rs. 83,793	(1) 254	......	......	200 0	22 0
"Kangra" ...	Do. ...	Karáchi ...	Rs. 84,081	(1) 254	......	......	200 0	22 0
"Bahawalpur".	Do. ...	......	Rs. 82,347	(1) 254	......	......	202 0	22 0
"Delhi" ...	Do. ...	Karáchi, 1868 .	Rs. 62,185	(1) 290	......	......	180 0	22 0
"Meerut" ...	Do. ...	Karáchi ...	Rs. 60,711	(1) 290	......	......	180 0	22 0
"Sind" ..	Do. ...	......	Rs. 82,088	(1) 441	......	......	202 0	26 0
"Havelock" ...	Iron Paddle Steamer.	1857	Rs. 2,00,000	(2) 194	(2) 110	6 miles	167 0	28 0
"Outram" ...	Do. ...	Karáchi, 1857 .	Rs. 2,00,000	(1) 194	110	6 miles	167 0	28 0
"Attock" ...	Iron Flat ...	Unknown ...	Unknown ...	(1) 90	......	......	126 2	20 3
"Cranborne" ..	Iron Paddle Steamer.	Karachi, 1868 .	Rs. 2,90,873	(1) 229	(2) 150	8 miles	220 0	28 0 48 0 over paddle boxes.
"Futteh Mubarek."	Do. ...	......	Rs. 51,239	......	......	......	...	...

Heading.

No. 1451/184 G.

10 P

PRESIDENCY PORT OFFICE,
Madras, 2d June 1896.

From

Commander H A Street, R. I. M.
PRESIDENCY PORT OFFICER,
Madras,

To

THE ~~CHIEF~~ SECRETARY TO GOVERNMENT,
MARINE DEPARTMENT,
~~Fort Saint George.~~ Chepâk.

SIR,

With reference to G. O Marine No 340 dated 15th May 1896 I have the honor to acquaint you, for the information of Government, that the list* appears to be complete as regards sea-going vessels belonging to the Port Department. I have no information in respect to vessels belonging to other Departments.

I have the honor to be,
Sir,
Your Obedient Servant,

H A Street
Commander R. I. M.
Presidency Port Officer.

* The list has been retained by the P.P.O.

But the list professes to include all vessels whereas it does not and it is necessary that it should be complete

628

Recd 5.6

Marine (1896) DEPARTMENT.

From

THE PRESIDENCY PORT OFFICER,

Madras,

To

THE SECRETARY TO GOVERNMENT,

~~PUBLIC WORKS~~ (MARINE) DEPARTMENT,

Madras.

No. $\frac{1451}{184}$ G

Dated 2d } June 1896.
Received

CHIEF SECRETARY GOVERNMENT OF MADRAS
No. 5 JUN. 1896

Subject.

Informing that the list in question is complete as regards sea-going vessels belonging to the Port Department.

Marine Dept.

12 P

Memo.

Letter from the Presy Port Offr No. $\frac{1451}{184}$ G. dd 2d June 1896.

No. 301 E dd 8th June 1896

The undersigned has the honor to request that the incomplete list of Government vessels forwarded to the Presy Port Officer with this office No. 340, Marine, dated 15 May 1896, may be returned for revision.

5/6/96

W
(Marine)

P. P. Offr

D/No. 8/6/96

340 Mar d 15-5-96
334 " d 16-11-95
Rt. 95 " d 2-8-95

No. 301 E d 8th June 1896

Heading

No. 1451/286 G

PRESIDENCY PORT OFFICE,
Madras, 4th September 1896.

13 P

From

Commander H. A. Street, R.I.M.,
PRESIDENCY PORT OFFICER,
Madras,

To

THE SECRETARY TO GOVERNMENT,
~~PUBLIC WORKS~~ (MARINE) DEPARTMENT,
~~Madras.~~ Chepak

SIR,

With reference to G.O. Marine, No. 430, dated 16th June 1896, I have the honor to return herewith the ×List of Government vessels completed in respect to all vessels in charge of the Madras Port department.

×Per Packet Post.

Recd 7-9-96.

I have the honor to be,
Sir,
Your obdt. servant,
H. A. Street
Commander, R.I.M.,
Presy: Port Officer

1897
REVENUE DEPARTMENT.
Enclosure No. 2
To Current No. 2622

R301W
2

1897
REVENUE DEPARTMENT.
Endorsement No 2
Current No. 543

Depr E.2 / ~~[illegible]~~ 147
529

Marine ~~PUBLIC~~ WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

14

READ the following

From the Presidency Port Officer, Madras, No. 1451/184 G, d/2nd June 1896.
-Do- -do- No. 1451/194 G, d/10th June '96.

No. 430 Mar d/16th June 1896

It is observed that the list of Government vessels is not confined to seagoing vessels as assumed by the Presidency Port Officer in his letter No. 1451/184 G dated 2nd June 1896. The following omissions occur as regards vessels in charge of the Marine Department.

(1) Steam Dredge "Priestman's".
(2) -Do- "Connemara".
(3) Steam Launch "Empress".
(4) Steam Tug "Godavari".
(5) Steam Dredge (at Cuddalore).

2. The list will be returned to the Presidency Port Officer for completion as regards these vessels -- and will then be forwarded to the Chief Engineer for Irrigation and to the Revenue Department for verification as regards steam vessels in charge of the Irrigation Branch and of the Salt Department.

16/6/96

DE[illegible]
24 JUN 96

The Presidency Port Officer, with the list.
,, Revenue Department.
,, P.W. Department.

1st Reminder Sent 18/8/96
2nd Reminder Sent on 12/96
3. ~~Reminder~~ given 19.12.96

(40—4,000—2-11-95.)

301 E G 8-6-96
340 Mar G 15-5-96
334 " G 14-11-95
R No. 95 " G 2-8-95
~~I.C. No. 857 of 96~~

No. 430 Mar G 16 June 1896

25/6 2/24/6

Marine (1896) Department.

CURRENT No. 960

15 P

16 P

No. ~~Order~~ Endorsement
No. 441 E G 7 Septr 1896
Forwarded to the Chief Engineer for Irrigation with reference to G.O. 430 Marine, d/16 June 1896

(Sd) [illegible]
M

D S G 7/9/96

From
The Presidency Port Officer Madras

No. 1451/286 G

Dated 4 September 1896
Received 7 September 1896
Enclosures one
Spare copies -

SUBJECT.

Returning the list of Govt. vessels completed in respect to all vessels in charge of the Madras Port Department.

M 4. 1,000-8-3-96.

BACK PAPERS.

G.O.	No.	Department.	Date.
430	—	Marine	16-6-96
3240	—	"	15-5-96

FURTHER PAPERS.

G.O.	No.	Department.	Date.

Marine (1897) Department.

CURRENT No. 29

No. 27 E of 19.1.97

188

Endt.
~~Order~~

Forwarded to the Revenue Deptt. for favour of verification with reference to G.O. 430, Marine, dated 16th June 1896.

(Sd.) D. M. C.

M.

D
19/1/97

From

The Chief Engineer for Irrigation

No. 16

Dated 6-1-97

Received 7-1-97

Enclosures 2

Spare copies

SUBJECT.

Returning the list of Govt. vessels with the remark that the particulars of steam vessels in charge of the Irrigation Branch have been verified and corrected where necessary.

M 4.
1,000—8-8-96.

BACK PAPERS.

G.O.	No.	Department.	Date.
For before vide entry on G.O. 562/97			

FURTHER PAPERS.

G.O.	No.	Department.	Date.
59/97			

(58)

Marine (1896) Department.

CURRENT No. 915

19 vide 933/96

Order

From

The Revenue Department.

No 1666 R.

Dated 24th August 1896.

Received 26: August 1896

Enclosures

Spare copies

SUBJECT.

Recording with remark reminder from the Marine Dept. requesting early reply to its communication forwarding for check, completion and return statement of steamers, sailing vessels &c belonging to the Royal Indian Marine and other Depts. of the Govt. of India.

Await the list vide Cho. 960 → 441 ED 7-9-96

7/9/96

Mar O.L.S. 51

BACK PAPERS.

G.O.	No.	Department.	Date.
	301E	Marine	8-6-96.
	430	"	16-6-96.
	340	"	15-5-96.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

Revenue Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

-----:::-----

20 P

Read reminder from the Marine Department, No.430/1 Marine, dated 18th August 1896.

Order thereon: No.1666 R., dated 24th August 1896.

Recorded with the remark that the list referred to in para 2 of G.O.No.430 Marine, dated 16th June 1896, has not yet been received.

The P.P.O
s not yet
urned the list
transmission
the Rev. Deptt

(True Extract)

Lionel Davidson
25.8

Ag.Under Secretary to Govt.

To

The Marine Dept.

28/8

~~(62)~~

Marine (1896) Department.

L 6. 20 200

CURRENT No. 933

Vide 915/96
+ 519/97
2/

Order

From

The Chief Engineer
for Irrigation

No. 281.

Dated 25th August 1896
Received 2nd September 1896
Enclosures
Spare copies

SUBJECT.

List of Govt. Vessels

Stating that the — has not yet been received & as such no reply can be sent to Ep. 430 Mar & 16th June 1896

Await the list vide C No 960

Intimated by memo No. 4412
7-9-96.

7/9/96

M 4.
1,000—8-5-96.

BACK PAPERS.

G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

E. I. Form No. 22—2,000—21-4-93.

GOVT. OF MADRAS. } 1896. { P. DEP

CHIEF ENGINEER FOR IRRIGATION.

Madras, 25 August 1896.

22P

OFFICE NOTE No. 281

Circulation Register.

To	From	Despatch Date.	Receipt Date.
The Secy to Govt., Marine Depts	E I		

KEEP-WITH.

No. , dated 189 .

Your reminder No. $\frac{430 \text{ Mar.}}{1}$ dated 18 August 1896. –

The list referred to in para 2 of G.O. No. 430 Marine, dated 16 June 1896 has not yet been received. Until its receipt, no reply can be sent.

for E I

O.L.S. 51 Mar:

25/8 BR.

Chew 26-8-96

Marine

~~Public Works~~ (1897) Department

CURRENT No. 519

Vide Nos. 933 & 9

Don't print

Order

From

The Revenue Deptt.

No. 1763 Mi

Dated 1st April 1897.

Received 5-4-97

Enclosures 3

Spare copies

SUBJECT.

Returning to the P. W. D list of Govt. vessels verified as regards the boats in charge of the Salt and Abkari Deptt.

27e