P.W.D

Government {1897} of Madras.

MARINE.

Recd. } 1897. Enclosures
Regd. } Spare copies

G.O., No. 366, 22nd April 1897.

No: 512 dy 2.6.97

Recorded.
(Sd) H.H.
9.

APRIL.

S.Ss. I, II + VI Circle
C.E. for Irrigation

Government Vessels

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

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.

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

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

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

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

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

Ext. T. K. Narayana Aiyangar.

Name.	Description.	When and where built.	How charged.	Remarks.
1	2	3	16	17
"Ada" ..	Wood Cutter with cabin.	Built by John King Calcutta, 1891-92.	Orissa Salt Department.	
"Marie" ..	Do.	Do.	Do.	
"Amy" ..	Do.	Do.	Do.	
"Flora" ..	Do.	At Calcutt 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. Do Calcutta, i	Do.	
"Alexandra".	Steel Steam Launch Twin Screw.	Kidderpore yard, C 1885-86.	To work and private parties.	
"Arthur Cotton".	Steel Twin Screw Steam Launch.	Do. 1878	Revenue irrigation.	
"Irene" ..	Composite Sailing Schooner.	R. I. M. Do Kidderpor	Land revenue.	
"Dorothy" ..	Steel Paddle Steamer.	Do. 18	....	Belongs to the Local Fund Department.
"Margarita".	Composite Paddle Steamer.	Do. 18	Land revenue.	
"John Mullins".	Steel Paddle Steamer.	Kidderpore yard, 1889	Revenue irrigation.	"Rose" was the original name of the "John Mullins."
"Helen" ..	Steel Stern Wheeler.	Do. 18	....	Belongs to the Local Fund Department.
"Shamrock".	Iron Paddle Steamer.	London, 185	Revenue irrigation.	
"Victoria" ..	Steel Twin Screw Steam Launch.	Birmingham 1881-82.	Do. ..	
"Nell" ..	Steel Stern Wheeler.	Kidderpore yard, 1895	....	Belongs to the Local Fund Department.
"Wenlock" ..	Steel Single Screw Self-propelling Hopper Dredger.	Wm. Simon Renfrew, I	Port funds.	
"Daisy" ..	Iron Single Screw Launch.	Glasgow, 18	Two estimates of Periyár project.	
Dredger ..	Steel	Kidderpore yard, 1896	....	
Steam dredger for Cuddalore	Round bottomed ..	In 1890 in B	Port fund.	
"Empress" ..	Wooden Steam Launch.	In Bombay	Do.	
"Gódávari".	Steam Tug Composite Vessel.	In Calcutt 1891-92.	Landing and shipping dues under Act III of 1885.	
"Priestman's" dredger.	Iron Vessel ..	Fitted up a nada in 18	Do.	The machinery of this dredger is fitted on an iron barge and is not self-propelling.
"Connemara" dredger.	Wooden Vessel ..	At Cocana 1890.	Do.	The machinery of this dredger is fitted on a wooden barge which is not self-propelling.
"Katherine".	Twin Screw Steam Launch.	England, 18	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.	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.				
LIST OF STEAMERS UNDER THE CONTROL OF THE FINANCIAL DEPARTMENT OF THE GOVERNMENT OF INDIA.																
			RS. A. P.													
"Ada" ..	Wood Cutter with cabin.	Built by Messrs. John King & Co., Calcutta, in 1891-92.	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.	2,712 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 0	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.	
			£ s. d.													
"Daisy" ..	Iron Single Screw Launch.	Glasgow, 1888 ..	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.	.. RS. A. P.	19·5	..	..	34 0	14 0	Under construction. For Port of Negapatam ..					....	....	
Steam dredger for Cuddalore	Round bottomed ..	In 1890 in Bombay.	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. ..	Landing 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.	½ 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.	½ 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.																
			£ s. d.													
"Katherine".	Twin Screw Steam Launch.	England, 1891 ..	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.

P. & J.

Government {1897} of Madras.

MARINE.

Recd. } 1897. Enclosures

Regd. } Spare copies

G.O., No. 366, 22nd April 1897.

No: 512 Dt 12-6-97

Recorded.

(Sd) W. H.

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& C. E. for Irrigation

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"Empress" ..	Wooden Steam Launch.	In Bombay	Do.	
"Gódávari".	Steam Tug Composite Vessel.	In Calcut 1891–92.	Landing and shipping dues under Act III of 1885.	
"Priestman's" dredger.	Iron Vessel ..	Fitted up a nada in 18	Do.	The machinery of this dredger is fitted on an iron barge and is not self-propelling.
"Connemara" dredger.	Wooden Vessel ..	At Cocana 1890.	Do.	The machinery of this dredger is fitted on a wooden barge which is not self-propelling.
"Katherine".	Twin Screw Steam Launch.	England, 18	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.	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.				
LIST OF STEAMERS UNDER THE CONTROL OF THE FINANCIAL DEPARTMENT OF THE GOVERNMENT OF INDIA.																
			RS. A. P.													
"Ada" ..	Wood Cutter with cabin.	Built by Messrs. John King & Co., Calcutta, in 1891-92.	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.	2,712 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 0	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.	½ 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	Do. do. 20 C. yds. wood.	Do. do. 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.	
			£ s. d.													
"Daisy" ..	Iron Single Screw Launch.	Glasgow, 1888 ..	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 ..	....	....	
			RS. A. P.													
Steam dredger for Cuddalore	Round bottomed ..	In 1890 in Bombay.	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.	¾ C. yd. wood.	For towing dredgers and punts.	Do. ..	Landing 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.	½ 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.	½ 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.																
			£ s. d.													
"Katherine".	Twin Screw Steam Launch.	England, 1891 ..	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
Secy. to G
CAMPBELL, Colonel, R.E.,
overnment, Marine Department.

P. W. D

Government {1897} of Madras.

MARINE.

Recd. } 1897. Enclosures
Regd. } Spare copies

G.O., No. 366, 22nd April 1897.

No: 512 D 8/2.6.97

Recorded.
(Sd) W.H.
8

APRIL.

Nos. 512 for D, D & Irl Circle
" Chief Engineer for Irrigation

Government Vessels

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

[illegible] Marine Department

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.

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

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

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

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

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

Exd. T. K. Narayana Aiyangar.

Name.	Description.	When and built	How charged.	Remarks.
1	2	3	16	17
"Ada" ..	Wood Cutter with cabin.	Built by John King Calcutta, 1891-92.	Orissa Salt Department.	
"Marie" ..	Do.	Do.	Do.	
"Amy" ..	Do.	Do.	Do.	
"Flora" ..	Do.	1890. At Calcutta Messrs. King &	Do.	
"Banshee" ..	Do.	1889-90. Do.	Do.	
"Aileen" ..	Do.	1886-87. Do.	Do.	
"Kathleen" ..	Do.	Do.	Do.	
"Uriya" ..	Composite Twin Screw Steam Launch.	R. M. Do Calcutta,	Do.	
"Alexandra".	Steel Steam Launch Twin Screw.	Kidderpore yard, C 1885-86.	To work and private parties.	
"Arthur Cotton".	Steel Twin Screw Steam Launch.	Do. 1878	Revenue irrigation.	
"Irene" ..	Composite Sailing Schooner.	R. I. M. Do Kidderpor	Land revenue.	
"Dorothy" ..	Steel Paddle Steamer.	Do. 18	....	Belongs to the Local Fund Department.
"Margarita".	Composite Paddle Steamer.	Do. 18	Land revenue.	
"John Mullins".	Steel Paddle Steamer.	Kidderpore yard, 188	Revenue irrigation.	"Rose" was the original name of the "John Mullins."
"Helen" ..	Steel Stern Wheeler.	Do. 18	....	Belongs to the Local Fund Department.
"Shamrock".	Iron Paddle Steamer.	London, 185	Revenue irrigation.	
"Victoria" ..	Steel Twin Screw Steam Launch.	Birmingham 1881-82.	Do. ..	
"Nell" ..	Steel Stern Wheeler.	Kidderpore yard, 1895	....	Belongs to the Local Fund Department.
"Wenlock" ..	Steel Single Screw Self-propelling Hopper Dredger.	Wm. Simon Renfrew,	Port funds.	
"Daisy" ..	Iron Single Screw Launch.	Glasgow, 18	Two estimates of Periyár project.	
Dredger ..	Steel	Kidderpore yard, 189	....	
Steam dredger for Cuddalore	Round bottomed ..	In 1890 in P	Port fund.	
"Empress" ..	Wooden Steam Launch.	In Bombay	Do.	
"Gódávari".	Steam Tug Composite Vessel.	In Calcut 1891-92.	Landing and shipping dues under Act III of 1885.	
"Priestman's" dredger.	Iron Vessel ..	Fitted up a nada in 18	Do.	The machinery of this dredger is fitted on an iron barge and is not self-propelling.
"Connemara" dredger.	Wooden Vessel ..	At Cocana 1890.	Do.	The machinery of this dredger is fitted on a wooden barge which is not self-propelling.
"Katherine".	Twin Screw Steam Launch.	England, 18	To the combined Salt and Abkári Dept. subject to adjustment between "V. Salt" & "VII Excise."	

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

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.	Breadth.	Draft. Forward.	Aft.	Coal. Quantity carried.	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.		
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 0	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.	½ 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 ..	....	Port fund.	
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 ..	Do.	
"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 ..	Landing and shipping dues under Act III of 1885.	
"Gódávari".	Steam Tug Composite Vessel.	In Calcutta in 1891-92.	24,000 0 0	(1) 39 tons. (2) 29 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. ..	Do.	The machinery of this dredger is fitted on an iron barge and is not self-propelling.
"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.	½ C. yd. wood.	For dredging in the river and the bar.	Do. ..	Do.	The machinery of this dredger is fitted on a wooden barge which 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.	½ C. yd. wood.	Do. do. ..	Do. ..		
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.

MPBELL, Colonel, R.E.,
Marine Department.

P. & D.

Government {1897} of Madras.

MARINE.

Recd. } 1897. Enclosures

Regd. } Spare copies

G.O., No. 366, 22nd April 1897.

No: 512 D & 2.6.97

Recorded (Sd) H.H. S.

APRIL.

The P.Ws. I, II & VI Circles
& Chief Engineer for Irrigation

Government Vessels

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

MPBELL, Colonel, R.E.,
Marine Department

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.

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

15th May 1896.

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.

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

8th June 1896.

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.

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

16th June 1896.

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.

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

7th September 1896.

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.

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

19th January 1897.

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.

AMPBELL, Colonel, R.E.,
Marine Department

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.

Exd. T. K. Narayana Aiyangar.

Name.	Description.	When and where built.	How charged.	Remarks.
1	2	3	16	17
"Ada" ..	Wood Cutter with cabin.	Built by John King Calcutta, 1891-92.	Orissa Salt Department.	
"Marie" ..	Do.	Do.	Do.	
"Amy" ..	Do.	Do. 1890.	Do.	
"Flora" ..	Do.	At Calcutt 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. Do Calcutta,	Do.	
"Alexandra".	Steel Steam Launch Twin Screw.	Kidderpore yard, C 1885-86.	To work and private parties.	
"Arthur Cotton".	Steel Twin Screw Steam Launch.	Do. 1878	Revenue irrigation.	
"Irene" ..	Composite Sailing Schooner.	R. I. M. Do Kidderpor	and revenue.	
"Dorothy" ..	Steel Paddle Steamer.	Do. 18	....	Belongs to the Local Fund Department.
"Margarita".	Composite Paddle Steamer.	Do. 18	and revenue.	
"John Mullins".	Steel Paddle Steamer.	Kidderpore yard, 188	Revenue irrigation.	"Rose" was the original name of the "John Mullins."
"Helen" ..	Steel Stern Wheeler.	Do. 18	....	Belongs to the Local Fund Department.
"Shamrock".	Iron Paddle Steamer.	London, 185	Revenue irrigation.	
"Victoria" ..	Steel Twin Screw Steam Launch.	Birmingham 1881-82.	Do. ..	
"Nell" ..	Steel Stern Wheeler.	Kidderpore yard, 1895	....	Belongs to the Local Fund Department.
"Wenlock" ..	Steel Single Screw Self-propelling Hopper Dredger.	Wm. Simon Renfrew,	Port funds.	
"Daisy" ..	Iron Single Screw Launch.	Glasgow, 18	Two estimates of Periyár project.	
Dredger ..	Steel	Kidderpore yard, 189	....	
Steam dredger for Cuddalore	Round bottomed ..	In 1890 in P	Port fund.	
"Empress" ..	Wooden Steam Launch.	In Bombay	Do.	
"Gódávari".	Steam Tug Composite Vessel.	In Calcut 1891-92.	Landing and shipping dues under Act III of 1885.	
"Priestman's" dredger.	Iron Vessel ..	Fitted up a nada in 1	Do.	The machinery of this dredger is fitted on an iron barge and is not self-propelling.
"Connemara" dredger.	Wooden Vessel ..	At Cocana 1890.	Do.	The machinery of this dredger is fitted on a wooden barge which is not self-propelling.
"Katherine".	Twin Screw Steam Launch.	England, 18	To the combined Salt and Abkári Dept. subject to adjustment between "V. Salt" & "VII Excise."	

CAMPBELL, Colonel, R.E.,
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.				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.				
LIST OF STEAMERS UNDER THE CONTROL OF THE FINANCIAL DEPARTMENT OF THE GOVERNMENT OF INDIA.																
			RS. A. P.													
"Ada" ..	Wood Cutter with cabin.	Built by Messrs. John King & Co., Calcutta, in 1891-92.	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.	2,712 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 0	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.	
			£ s. d.													
"Daisy" ..	Iron Single Screw Launch.	Glasgow, 1888 ..	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 ..	....	....	
			RS. A. P.													
Steam dredger for Cuddalore	Round bottomed ..	In 1890 in Bombay.	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.	⅜ C. yd. wood.	For towing dredgers and punts.	Do. ..	Landing 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.	½ 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.	½ 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.																
			£ s. d.													
"Katherine".	Twin Screw Steam Launch.	England, 1891 ..	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.,
.. Marine Department.