16TH MARCH 1886, No. 130, MARINE.

GOVERNMENT OF MADRAS.

MARINE DEPARTMENT.

READ—the following paper:—

From H. W. BLISS, Esq., Commissioner of Salt and Abkári Revenue, to the Adjutant-General, Madras, dated Madras, 18th February 1886, No. 1783.

The Government of India having decided that all steam launches belonging to departments of Government should be fitted, if possible, to carry one or more machine or other guns, I have the honor, by direction of the Board of Revenue, to request that you will be so good as to depute some officer of your department to inspect the three steam launches belonging to this department, and to decide what measures, if any, should be taken. On intimation of the date of the inspection, I will arrange to have the boats ready at a convenient station.

No. 440-O. (Mis.)

MEMORANDUM.

Forwarded for the orders of Government, with reference to Adjutant-General's letter, No. 2651-O. (Mis.), dated the 24th December last.

(By Order.)

OOTACAMUND, 25th February 1886.

(Signed) H. R. HOPE, Major,
Offg. Deputy Adjutant-General.

To the Secretary to Government, Military Department.

No. 1423.

Transferred to the Marine Department in continuation of Military Department No. 20, dated 4th January 1886.

(By Order.)

FORT ST. GEORGE, 4th March 1886.

(Signed) A. R. KENNEY-HERBERT, Lt.-Col.,
Secy. to Govt., Mily. Dept.

ORDER—dated 16th March 1886, No. 130, Marine.

Recorded with reference to G.O., 20th January 1886, No. 35, Marine, in which the Board of Revenue were requested to arrange "in communication with the departments and authorities named" for the necessary inspection.

2. It is presumed that the inspection by the officer commanding the Royal Artillery, Eastern district, could most conveniently be carried out at Madras. All that seems necessary, therefore, is that the Board should inform the General officer commanding the Eastern district of the date on which the launches can be held ready at Madras for inspection. As already ordered, arrangements should be made, if possible, for the inspection at the same time of the *Madras* and the *Empress*, and also of the *Margaret Northcote*.

3. The Chief Engineer will be requested, through the Public Works Department, to consider whether the presence of an officer of the Royal Engineers could also be secured at the inspection; and, if so, to arrange accordingly. The presence of an officer of the Marine Department will be arranged for by the Master Attendant.

(True Extract.)

for Acting Chief Secretary.

To the Military Department, with copy of G.O., 20th January 1886, No. 35.
,, Public Works Department.
,, Board of Revenue.
,, Master Attendant.
,, Revenue Department.

Exd. J. Henricus.

No. 1133 C a/ 19-3-86
Go. 373 W a/ 11-2-86
" 2718 W a/ 13-11-85

No. 1247 C a/ 26th March/86

Memo

with advertence to Pros: d/ 16 March 1886, No 130 Marine, the undersigned has the honor to state that if the proposed inspection of steam launches is to be held at Madras, Col. W. H. Burton R.E. Exe: Engr Pres: Divn can be nominated as a member of the Committee.

W
26·3·86

EW

26/3/86

29/3

To
The Marine Deptt
desp'd 26-3-86

3/14

Pnlw 2334

Govt. of (1886) Madras.

MARINE.

81C

SECRETARY TO GOVERNMENT
25 MAR
DEPARTMENT

Issued

Recd. 25/3/86 Encl.

G.O., 16th March 1886, No. 130.

If the inspection is to be held at Madras, Colonel Burton may be nominated

MARCH.

No. 1247 C a/ 26-3-86

Steam Launches.

Passing orders respecting the inspection of the — belonging to the Salt Department being carried out by a competent military officer.

With memo

PROCEEDINGS OF

From the
Marine
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12 MAR 86

From,
The Suptg. Engineer,
2nd Circle.

To,
The Chief Engineer,
P. W. D.

Dated 15th March 1886.

Recd 19

No. 1138 C a/ 20-3-86

No. 2205. Ks.

Steam Launch received for the Kistna Delta — Requests to be supplied with drawings showing in what way the — is to be fitted.

With memo

No. 1133 Cdy 19-3-86
[illegible] 11-2-86

No. 2205. K.s.

Superintending Engineer's Office,
2nd Circle, Camp Nellore
15th March 1886.

From

The Superintending Engineer,
2nd Circle

To

The Chief Engineer,
Public Works Department,
Madras.

Sir,

With reference to Proceedings of the Madras Government No. 2718 W: dated 13th November 1885, may I request the favor of being supplied with drawings shewing in what way the Steam Launch lately received for the Kistna Delta is to be fitted to carry one or more Machine guns.

I have the honor to be,
Sir,
Your most Obdt. Servant

John Mornly
Lieut. Colonel R.E.
Superintending Engineer,
2nd Circle.

1886.

P. W. DEPARTMENT.

Current No. 2087

From

The Supg: Engr. I Circle

Enclos.—

No. 2608 G.D.
Dated 12th March 1886.
Received 18th " "

Subject.

Requesting to have certain steam launches belonging to the Godavari Divisions inspected by the Military Committee when most convenient to the Officers

Disposal.

No. 1133 C. Dated 19th March /86

Referred to the Military Dept, with advertence to G.O. Marine Dept No. 35, dated 20th January 1886, with the request that if practicable the launches may be inspected as proposed

(Bryder)

Desp'd 19-3-86.
Sd/ Duncan Campbell
Major
Asst. Secy. Govt. P.W.
Jt. 13

No. 1133 Cd/ 19-3-86

No. 1138 Ca/ 26th March/86

Memo

With advertence to his letter No. 2205 K.S. dated 15th March 1886 the attention of the S.E. II Circle is drawn to G.O. No. 373 W. of 11th Feby 1886, from which it will be seen that steam launches will be inspected by a Military Committee in view to decide how they may be fitted with guns.

The S.E. should name the launches which he considers should be examined & apply for their inspection.

19.3.86

To S.E. II Circle

Despd 20-3-86

24/3

G.O.B. No. 373 W of 11-

" " 2718 W of 13

Has anything been done in the matter of forming the Committee?

19.3

W

Please see G.O. of 20.1.86. No 35 Marine.

Apparently a committee will be formed in each ~~at~~ case in which an inspection is desired.

Application has not been made to the P.W. Dept for the services of a R.E. officer to aid in the inspection of the launches of the Marine & Rev. depts.

19/3

19-3-86

Marine Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

From the Government of India, Marine Department, dated 19th October 1885, No. 1226.

With reference to paragraph 4 of your letter No. 2813 dated the 4th July 1885 to the address of the Govt. of Bombay, I am to say that the Government of India consider it desirable that all steam launches belonging to Departments of Government should be fitted to carry one or more machine or other guns in case of need.

2. Launches now running should be modified as opportunities offer and funds are available. Launches that may be built hereafter should be specially designed to carry guns.

Order

Order thereon, 6th November 1883 No. 471 Mis

Communicated to the Departments of the Secretariat, the Board of Revenue, and the Master Attendant.

(True Extract.)

JDRees

Under Secretary

To

The P. W. Department. ✓
.. Rev: Department.
.. Military — do —
.. Board of Revenue
.. Master Attendant

a/Js.

G.O. 1123 Cdl 19-3-86

Inch 9083

[6]

Govt. of {188 } Madras.

No. 2718 Wdf Novr. 13. 1885

Recorded

10/11/85

10.11.85

Communicate to E.I.

To The P.W. Depts

No. 2718 Wdf Novr. 13. 1885

Rd 7/11/85.

7 NOV 85

Proceedings, dated 6 Novr 1885

No. 471 Mis

Subject.

Communicating to the officers concerned Copy of a letter addressed to the Director of Indian Marine intimating that all steam Launches belonging to depts of Govt. should be fitted to carry one or more machines or other guns in case of need.

Write order

Efu S. I Des

Ch. [illegible]

Sup. Engr. [illegible] Desp 13/4/85

Supt. [illegible]

Jan 25/11 5 29/4/86

20th January 1886, No. 35, Marine.

GOVERNMENT OF MADRAS.

MARINE DEPARTMENT.

Read—again the following papers :—

G.O., dated 6th November 1885, Mis. No. 471, Marine.

Read—the following letter from Colonel A. CROOKSHANK, Deputy Secretary to the Government of India, Marine department, to the Director of the Indian Marine, dated Simla, 19th October 1885, No. 1226 :—

With reference to paragraph 4 of your letter, No. 2813, dated the 4th July 1885, to the address of the Government of Bombay, I am to say that the Government of India consider it desirable that all steam launches belonging to departments of Government should be fitted to carry one or more machine or other guns in case of need.

2. Launches now running should be modified as opportunities offer and funds are available. Launches that may be built hereafter should be specially designed to carry guns.

Copy forwarded to —

The Secretary to the Government of Madras, Marine department.
The Secretary to the Government of Bengal, Financial department.
The Chief Commissioner, British Burmah.
The Chief Commissioner, Assam.
The Controller of Military Accounts, Bengal.
The Accountant-General, Military (Marine) department.

(By order.)

(Signed) A. CROOKSHANK, Colonel,
Deputy Secretary to the Govt. of India.

To the Secretary to the Government of Madras.

Order—dated 6th November 1885, Mis. No. 471, Marine.

Communicated to the departments of the Secretariat, the Board of Revenue and the Master Attendant.

(True Extract.)

(Signed) J. D. REES,
Under Secy. to Govt.

To the Secretariat departments.
„ Board of Revenue.
„ Master Attendant, Madras.

G.O., dated 10th December 1885, Mis. Nos. 538, 539, Marine.

Read—the following letter from J. H. TAYLOR, Esq., Lieut., R.N.R., Master Attendant, Madras, to the Acting Chief Secretary to Government, dated Madras, 2nd December 1885, No. 10279 :—

Administrative department.

Referring to G.O., Marine, Mis. No. 471, of 6th ultimo, I have the honor to report that the following are the vessels belonging to Government which might possibly be fitted with guns :—

The *Madras*, *Margaret Northcote* and *Empress*.

2. The *Madras* and *Empress* are under the orders of the Marine department, and the former could probably be fitted with different descriptions of guns, but I fear the *Empress* is too small to carry a gun of any description.

3. The *Margaret Northcote* belongs to the Revenue department, and could no doubt also be fitted with a small armament, but before deciding on the class of gun to be supplied to each vessel, it is necessary that the space required for each description of gun should be furnished, and I therefore request that this information may be ascertained and communicated, when I will cause inspection report to be framed as to the space-facilities afforded by each of the above-mentioned vessels.

Order—dated 10th December 1885, Mis. No. 538, Marine.

Ordered that copy of the above letter be communicated to the Government of India, Marine department, for such further action as may be necessary, with reference to its endorsement communicating to this Government copy of letter, No. 1226, dated 19th October 1885, from the Government of India, Marine department, to the Director of Indian Marine.

(True Extract.)

(Signed) W. WILSON,
Acting Chief Secretary.

To the Master Attendant, Madras.

Endorsement—dated 10th December 1885, Mis. No. 539, Marine.

Copy to the Government of India, Marine department.

(Signed) J. D. REES,
Under Secy. to Govt.

READ—also the following papers:—

Proceedings of the Board of Revenue, dated 2nd December 1885, Mis. No. 10722.

Read—the following letter from the Commissioner of Salt and Abkári Revenue, to the Secretary to the Board of Revenue, dated 24th November 1885, No. 12116:—

With reference to G.O., Mis. No. 471, Marine, dated 6th November 1885, regarding the fitting of steam launches for machine guns, I have the honor to suggest that the Military department be asked to depute some officer to inspect the three steam launches belonging to this department, with a view to deciding what measures, if any, should be taken towards carrying out the wishes of the Government of India.

Resolution—dated 2nd December 1885, Mis. No. 10722.

Submitted to Government, with reference to G.O., Marine, dated 6th November 1885, Mis. No. 471.

(A true copy and Extract.)

(Signed) E. S. LAFFAN,
Acting Sub-Secretary.

To the Chief Secretary to Government, Marine department.
Copy to the Commissioner of Salt and Abkári Revenue.

From Brigadier-General W. K. ELLES, C.B., A.D.C., Adjutant-General, to the Secretary to Government, Military department, dated Ootacamund, 24th December 1885, Mis. No. 2651-O.

With reference to your memorandum, No. 7065, dated the 11th instant, I have the honor, by desire of the Provincial Commander-in-Chief, to forward copy of my letter, Mis. No. 2652-O, dated the 24th instant, to the General Officer Commanding Eastern district, regarding the services of the Officer Commanding the Royal Artillery, Eastern district, being placed at the disposal of the Board of Revenue for the duty in question.

2. I am at the same time to suggest that the services of an officer of the Royal Engineers should also be placed at the disposal of the Board of Revenue for the same purpose, and, if possible, also the services of an officer of the Marine department.

3. The Provincial Commander-in-Chief regrets that he is unable to spare the services of any of the officers of the Royal Engineers employed with the "Queen's Own" Sappers and Miners.

ENCLOSURE.

Copy of a letter from Brigadier-General W. K. ELLES, C.B., A.D.C., Adjutant-General, to the General Officer Commanding Eastern district, dated 24th December 1885, Mis. No. 2652-O.

I have the honor, by desire of the Provincial Commander-in-Chief, to forward herewith copies of the correspondence noted in the margin, and, with reference thereto, to request that on the receipt of an application for the services of the Officer Commanding the Royal Artillery, Eastern district, for the duty in question, you will be so good as to direct him to place himself in communication with the officer that may be deputed by the Board of Revenue or Government for the purpose of inspecting the steam launches and deciding what measures should be taken for the purpose of fitting them to carry guns.

Proceedings of the Madras Government, No. 6320, dated the 14th November 1885.
Memorandum by Government, No. 7065, dated 11th October 1885, with Proceedings of the Board of Revenue, No. 10722, dated the 2nd instant.

No. 20.

Transferred to the Marine department and the referred papers returned.

(By order.)

FORT ST. GEORGE, (Signed) A. KENNEY-HERBERT, Lt.-Col.,
4th January 1886. *Secretary to Government, Mily. Dept.*

ORDER—dated 20th January 1886, No. 35, Marine.

Communicated to the Public Works department, the Board of Revenue and the Master Attendant. The Board of Revenue will arrange, in communication with the departments and authorities named, for such inspection as may be necessary of the *Margaret Northcote* and the steam launches of the Salt department, at some convenient station. Arrangements should be made, if possible, for the inspection at the same time of the *Madras* and the *Empress.*

(True Extract.)

Acting Chief Secretary.

To the Public Works department.
„ Board of Revenue.
„ Master Attendant, Madras.
„ Revenue department.

Exd. A. Raitt.

B.

No. 373 W d/ Feby 11. 1886

Communicated to the Chief Engineer for Irrigation and Supg. Engineers in continuation of G. O. No. 2718 W d/ 13th November/85

(Sig) D. M. C.
D.W.

C. E. for I.
S. E. s

Govt. of {1886} Madras.

MARINE.

Issued

Recd. Encl.

G.O., 20th January 1886, No. 35.

B.
No. 373 W d/ Feby 11. 1886.

JANUARY.

Government Vessels.

Communicating, with instructions, to officers concerned, certain papers regarding the inspection of — by some officer for fitting them to carry guns.

No. 1247 C d/ 26 - 3 - 86
No. 1138 C d/ 20 - 3 - 86
- 1133 C d/ 19 - 3 - 86
G.O. $\frac{B}{373}$ W d/ 11 - 2 - 86
- $\frac{13}{2718}$ W d/ 13 - 11 - 85

188 6.

P. W. DEPARTMENT.

Current No. 2469

From

The Suptg: Engineer II Circle

ENCLOS.—

No. 2289 K. S.

Dated 28th March 1886

Received 31st — do —

SUBJECT.

Steam Launch — Requesting that the — lately received to replace the "Charles Orr" at Bezwada, may be inspected by a Military Committee, with reference to No. 1138 C d/ 20-3-86

DISPOSAL.

No. 1324 C Dated 1st April /86

Returned to the Military Department in continuation of No. 1133 C dated 19th March 1886.

(Signed) J. S.

Desd 2/4/86

Ent 3/4

Entered

No. 1419 C d/ 7th April 1886

P.W. Department

From the Military Dept. No. 1835 d/ 22nd March/86

Endt. thereon by the Marine Dept. No. 593.C d/ 1st April/86

× C. Nos 2087 and 2640.

Requesting to know where and when the Steam Launches of the Godaveri District may be inspected by an officer of the Royal Artillery, the presence of an officer of the Royal Engineers being also arranged for, if practicable.

Referred to the Suptg: Engr: I Circle, for reply to the questions put by the marine department.

5/3/86

5.4.86

To The S. E. I. Circle

with papers in origl: to be returned

Desd 8/4/86

No 1329 C d/ 1-4-86
- 1138 C - 20-3-86
- 1133 C - 19-3-86
G.O.B. - 373 W - 11-2-86
- - - 2718 W - 13-11-85

No 1119 C d/ 7-4-86

No 2289 K.S.

Superintending Engineer's Office,
2nd Circle, Camp Nellore
28th March 1886.

From

The Superintending Engineer,
2nd Circle.

To

The Chief Engineer,
Public Works Department.
Madras.

Sir,

With reference to Para 2 of your Memorandum No 1138C: dated 20th March 1886, I have the honor to state that the Steam launch required to be examined is the one received lately to replace the 'Sir Charles Orr' at Bezwada and to request that she may be inspected by a Military Committee.

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

J. C. Mosant

Lieut. Colonel R.E.
Superintending Engineer,
2nd Circle.

238
Chepalle
1st April 86

No 1329 C

Referred to the Military Department in continuation of No 1133 C dated 19th March 1886

31-3-86

J Mackworth
Colonel RE
Secretary to Govt
PWD

31/3/86

[illegible] to the
[illegible] Dt in Cmte

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PWks ~~2400~~
2800/86

From,

The Suptg. Engineer,
2nd Circle.

31 MAR 86

To,

The Chief Engineer,
P. W. D.

Dated 28th March 1886.
Recd 31

No 1490 C d/ 15-4-1886

No 2289 Ks.

Steam Launch – Requests that the — lately received to replace the "Sir Charles Orr" at Bezvada, may be inspected by a Military Committee.

2289 K.S.

38 Clerkall

fr 130 — 16. 3 — 86
fr 35 — 20. 1 — 86
Co 205/86. Edt 593C - 1 - 4 - 86.

Former papers.

B. No 2718 W. 13. 11. 85
" 373 W. 11. 2. 86
No 1133 C. 19. 3. 86
" 1138 C. 20. 3. 86
1247 C. 26. 3. 86.
" 1329 C. 1. 4. 86.
" 1419 C. 7 - 4. 86.

No. 2120. Transferred to the Marine Department, in continuation of Military Department No. 1835 dated 22nd March 1886.

(By order)

A. Kenney Herbert Lieut. Colo.
Secy. to Government.

Fort Saint George
2nd April 1886

No. 625 C dated 8 April /86

Forwarded to the P. W. Dept. in continuation of Endorsement + No. 593 C. dated 1 April /86

(By order)

Edw. Stoke [illegible]
No. Under Secy.

+ 1419 C. dated 7 April /86

Q. 10. 4. 86. R. 14. 4. 86

Es. 1

Marine CURRENT NO. 238
~~MILITARY~~ (1886) ~~DEPARTMENT.~~

(20)

No. 2153
Puclo 2800

From
The P. W. Dept

No. 1329/C

Dated 1. 4. 86
Recd. 2. 4. 86
Registered

Recd
Red 9/4/86

Enclosures. 1

P. G., No. , dated

No. 1490 C dated 15 - 4 - 86

Transferring an application from the Superintending Engineer 2nd Circle, requesting "That a Mily: Comt. be appointed to examine a steam launch at Bezwada.

over

Superintending Engineer's Office

No. 1490 C dated 15th April 1886

Memo

With reference to his no. 2289 K.S. dated 28/3/86, the S. E. II C. is requested to report where and when the steam launch can be examined.

9/4/86

12. 4. 86

S. E. II Circle Despatched
16/4/86

(20)

Memo

No 1490 C d/ 15-4-1886

No 2718 W d/ 13.11.85
" 373 W d/ 11.2.86.
" 1133. C d/ 19.3.86
" 1138 C d/ 20.3.86
" 1247 C d/ 26.3.86
" 1329 C d/ 1.4.86
" 1419 C d/ 7.4.86
" 1490 C d/ 15.4.86.

Rd. 7/4.

21/4

21/4.

C. 10.4.86 R. 14.4.86

P. W. DEPARTMENT.

Current No. 3148

From The S. E. I Circle

ENCLOS.—

No. 238 G.N.
Dated April 16. 1886
Received " 24 "

SUBJECT.

Steam launches working in the Godavari River.—

Informing where and when the four —) could be conveniently inspected by an officer of Royal Artillery.—

DISPOSAL.

No. 59 D. Dated April 30. 1886

Forwarded, with the former papers, to the Marine Dept., with reference to endorsement No. 593 C d/1. 4. 86.

(Sig.) J.S.

To, The Marine dept ✓
D/- 9/4 with orgl. endorsement returned

Despd 30/4

21/4

21/4

O. 10. 4. 86

R. 14. 4. 86

No. 218. K.S.

Superintending Engineer's Office
2nd Circle, Bezwada
11th May 1886.

From

The Superintending Engineer,
2nd Circle

To

The Chief Engineer,
Public Works Department.
Madras.

Sir,

Vide 59 D 30/4. at over

With reference to your Memo No. 1490 C: of the 15th April 1886, I have the honor to inform you that the Executive Engineer, Kistna Eastern Division states that the steam Launch which is in the River here cannot be sent away to be examined until it is fitted up, and that as it is almost exactly of the same size and build as the "Sir Arthur Cotton" now in the Godavari, it need not be separately examined.

I have the honor to be,
Sir,
Your most Obdt. servant.
[illegible]
Major R.E.
Offg. Supdt.

№ 180 D/ May 27 1886

D

Copy forwarded to the Marine dept, with advertence to its endorsement No 625 C d/ 8th April /86.

2. Information with respect to the steam launches in the Godavari district was afforded in this office No 59 D d/ 30th April 1886.

26.5.86

№ 2718 W d/ 13.11.85.
" 373 W d/ 11.2.86.
" 1133 C d/ 19.3.86.
" 1138 C d/ 20.3.86.
" 1247 C d/ 26.3.86.
" 1329 C d/ 1.4.86.
To " 1419 C d/ 7.4.86.
" 1490 C d/ 15.4.86.

No 59 D d/ 30.4.86.

The Marine dept

desp 27.5.86

ays. 113/5.
ords. 22-5-86.

PWks 3857

From,

The Suptg. Engineer,
2nd Circle.

To,

The Chief Engineer,
P. W. D.

Dated 11th May 1886.
Desp.d 14th —do—.
Recd 21

№ 180 D/ May 27 1886

№ 218 Ks

Steam Launch of Kistna — Stating that the — cannot be sent away to be examined, until it is fitted up.

With disposal

11th May 1886, No. 235, Marine.

GOVERNMENT OF MADRAS.

MARINE DEPARTMENT.

Read—again the following papers :—

G.O., dated 20th January 1886, No. 35, Marine.

Abstract.—Communicating, with instructions, to officers concerned certain papers regarding the inspection of Government vessels by some officer for fitting them to carry guns.

G.O., dated 16th March 1886, No. 130, Marine.

Abstract.—Passing orders respecting the inspection of the steam launches belonging to the Salt Department being carried out by a competent military officer.

G.O., dated 12th April 1886, Mis. 180, Marine.

Abstract.—Communicating to the Master Attendant letter from the Collector of Tinnevelly reporting that the services of S.S. *Margaret Northcote* are now urgently required for the Pearl Banks examination, and suggesting that the inspection of the steamer be deferred till July.

Read—also the following papers :—

Proceedings of the Board of Revenue, dated 28th April 1886, Mis. No. 3060.

Read—the following letter from J. H. TAYLOR, Esq., Lieut., R.N.R., Master Attendant, to the Secretary to the Board of Revenue, dated Madras, 15th April 1886, No. 3484 :—

Administrative Department.

With reference to the Board's Resolution, No. 739, Press, dated 26th ultimo, I have the honor to inform you that the steam tug *Madras* is at Cochin undergoing repairs, and it is not known when she will return to this port. The *Empress* is not a seagoing vessel, and must therefore be examined at Cocanada, to which port she belongs.

Resolution—dated 28th April 1886, Mis. No. 3060.

Submitted for the information of Government, in continuation of Board's Proceedings, 2nd April 1886, No. 2516.

2. As the *Empress* cannot be ordered to Madras, she might most conveniently be inspected by any of the Royal Engineer officers who are now employed in the Godávari delta system.

(True Copy and Extract.)

(Signed) C. F. MacCARTIE,
Acting Secretary.

To the Chief Secretary to Government, Marine Department,
with letter, in original, to be returned, and copy of Board's
Proceedings, 26th March 1886, No. 739.

Copy to the Master Attendant.

From Major S. C. CLARKE, R.E., Acting Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 12th March 1886, No. 2608-G.D.

With reference to G.O., No. 35, of 20th January, forwarded with your No. 373 W., of 11th February 1886, I have the honor to request you will obtain the sanction of Government to have the following steam launches belonging to the Godávari division inspected by the military committee when most convenient to the officers:—

1. "Victoria."
2. "Sham Rock."
3. "Thistle."
4. "Godavari."

No. 1133-C.

Referred to the Military Department with advertence to G.O., Marine Department, No. 35, dated 20th January 1886, with the request that, if practicable, the launches may be inspected as proposed.

(By Order.)

(Signed) D. McN. CAMPBELL, Major, R.E.,
Under Secretary to Govt., P.W.D.

19th March 1886.

No. 1835.

Transferred to the Marine Department.

(By Order.)

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Secy. to Govt., Mily. Dept.

Fort St. George,
22nd March 1886.

No. 593-C.

Referred to the Department of Public Works with the request that it may be ascertained where and when the steam launches referred to could most conveniently be inspected by an officer of the Royal Artillery, the presence of an officer of the Royal Engineers being also arranged for, if practicable.

(By Order.)

(Signed) E. S. LAFFAN,
Under Secy. to Govt.

1st April 1886.

From Major S. C. CLARKE, R.E., Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 16th April 1886, No. 2389-D.

With reference to your endorsement, No. 1419-C, of 7th April 1886, on No. 593-C, of 1st April, from the Marine Department, I have the honor to inform you that all the four steam launches referred to in this office, No. 2608-G.D., dated 12th March 1886, are likely to be lying either at Dowlaishweram or at Rajahmundry for the next four or five months, so that there would be no difficulty experienced by any Royal Artillery officer who may be delegated to inspect and report on them. If he is authorized to inspect the said boats in June, I shall be able to attend as one of the committee.

No. 59-D.

Forwarded, with the former papers, to the Marine Department, with reference to endorsement, No. 593-C., dated 1st April 1886.

(Signed) J. SHAW-STEWART, Col., R.E.,
Secy. to Govt., P.W.D.

Ootacamund,
30th April 1886.

2718W-13-12-86

Order—dated 11th May 1886, No. 235, Marine.

Communicated to the Military Department with reference to G.O., 6th November 1885, Mis. No. 471, Marine, in view to the necessary arrangements being made for the inspection of the steamer *Empress* and launches referred to by an officer of the Royal Artillery.

(True Extract.)

Chief Secretary.

To the Military Department.
„ Public Works Department.
„ Master Attendant.
„ Board of Revenue.

Exd. T. O'Connor.

180 D. 27. 5. 86.
59 D. 30. 4. 86.
1490 C 15. 4. 86.
1419 C 7. 4. 86.
1329 C 1. 4. 86.
1247 C 26. 3. 86.
1133 C 20. 3. 86.

1133 C. 19. 3. 86
373 W 11. 2. 86.
2718 W 13. 11. 85

I. W. C. No. 3973

Govt. of {1886} Madras,

MARINE.

No. 1405 W. d/ 2nd June 1886

Communicated to the S. E. I Circle in continuation of G. O. No. 373 W. d/ 11th Feby 1886

31/5/86

31. 5.

Issued

8 Sc

Recd. 26/5.

Encl.

G.O., 11th May 1886, No. 235.

B. No. No. 1405 W. d/ 2nd June 1886

MAY.

Desptd 2/6/86

Inspection of Steamers, &c.

Communicating certain papers and requesting the Military Department to arrange for the inspection of the steamer *Empress* and certain launches belonging to the Godávari district by an officer of the Royal Artillery.

S. E. I Circle
Ch. E for Irrn
S. E. V Circle for information

Asst. 12/5.
26. 5. 86
31. 5. 86
4/6

With order

Marine Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Memorandum from the Public Works Department, dated 27 May 1886, No. 180 D, forwarding report of the Executive Engineer, Kistna Eastern Division, stating that the steam Launch referred to need not be separately examined.

Order thereon 7th June 1886, No. 289 Mis

Communicated to the Military Department in continuation of G. O. dated 11th May 1886, No 235 Marine.

(True Extract)

As. Under Secretary

To
The Military Department
" Public Works Department
" Master Attendant
" Board of Revenue

B. No 1405 W 2.6.86
No 180 D. 27.5.86
" 59 D. 30.4.86
" 1490 C. 15.4.86
" 1419 C. 7.4.86
" 4329 C. 1.4.86
B " 1247 C. 26.3.86

No 1138 C. 20.3.86
" 1133 C. 19.3.86
B. No 373 W 11.2.86
" 2718 W 13.11.85

No. 1589 W. d/ 22d June 1886

Recorded, in continua-
-tion of G.O. No. 1405 W.
No 1405 W. d 2/6/86
dated 2nd June 1886.

15/6/86

17.6

18.6.86

Ch. Engr. for Irrign.
C. E. for I
Suptg. Engr. II Circle
S. E. II C.
for information, with reference
to his letter No. 218 K.S.
dated 27-5-86.
Desd
22/6/86
Ogl. 89/5.

[6.]

Inclo 4580

Govt. of {188 } Madras.

(7)

To

The P.W. dept

Rcd 15/6/86

Proceedings, dated 7 June 1886
No. 289 Mn.

Subject.

B. No. 1589 W. d/ 22d June 1886

Comy to the Mily dept
Memo. from the P.W.D.
forwarding report of the
Executive Engineer,
Kistna Eastern Division,
stating that the
steam launch
referred to need cannot
be separately examined.

Entd. With order

12th June 1886, No. 300, Marine.

GOVERNMENT OF MADRAS.

MARINE DEPARTMENT.

Read—the following paper :—

From Major-General A. JOHNSON, Military Secretary, India Office, to the Secretary to the Government of Madras, Military Department, dated India Office, 5th May 1886, No. M. 4003.

I am directed by the Secretary of State for India in Council to forward herewith a copy of the agreement with Mr. Cockburn, who has been engaged to superintend the working of the dredgers sent to Madras.

2. A despatch on the subject will follow.

3. Mr. Cockburn proceeded to Madras on the P. and O. Company's steamer which left on the 5th May.

ENCLOSURE.

ARTICLES OF AGREEMENT made the first day of May, One thousand eight hundred and eighty-six, between SIDNEY MANTHORP COCKBURN, of No. 9, Victoria Chambers, in the City of Westminster, of the first part, and the SECRETARY OF STATE FOR INDIA IN COUNCIL of the second part.

WHEREAS the Secretary of State for India in Council has engaged the party of the first part to serve Her Majesty in India in the capacity, for the period and at the salary hereinafter mentioned. Now these Presents WITNESS and the parties hereto respectively agree as follows :—

1. That he the party of the first part will, as soon as he may be directed by the Secretary of State for India in Council, proceed to Madras, for which purpose he will be provided with a first class passage but not hotel accommodation or any other expenses incurred at sea or on land in the course of his transit.

2. That he will on arrival at Madras report himself to the Government there, and will submit himself to the orders of the Government and of the officers and authorities under whom he shall be placed; and will remain in the said service for the period of nine calendar months from the date of these presents. Provided always that unless he the party of the first part shall receive notice in writing from some authorised officer of the Government one calendar month before the expiration of the said period of nine calendar months that Government no longer requires his services, he will continue in the service of the Government in India upon the like terms and conditions as are hereinafter contained either until the expiration of three calendar months from the time when he shall receive from some authorised officer of the Government a notice in writing that the Government no longer requires his services or until the expiration of a period of three years from the date of these presents whichever event shall first happen.

3. That he will employ himself honestly efficiently and diligently, under the orders and instructions of the officers under whom he shall from time to time be placed, in setting to work and working certain dredgers belonging to the Government and in giving all necessary instructions to such persons as may be specified for the working repairing and management of the same and will do all things which may be required of him or which are necessary to be done in respect of the matters aforesaid and will make himself in other respects generally useful as may be required of him; and that he will, whenever required, proceed to any other part of India and there perform such or the like duties.

4. That he will not on any pretence absent himself from his duties without having first obtained the permission of Government, or its authorized officers, or, in case of sickness or inevitable accident without forwarding a medical certificate satisfactory to the officers aforesaid.

5. That he will devote his whole time to the duties of the service and will not, on his own account or otherwise, either directly or indirectly carry on or be concerned in any trade or business whatsoever.

6. That he will when required take upon himself the responsible charge of Government money and stores and will truly and faithfully account for and pay over or deliver to the proper person all money goods and stores which shall at any time come to his hands or be under his charge on account of Government.

7. That he will conform to all the rules and regulations of the department of the Government service to which he may be attached, and will obey all such orders and directions as he shall from time to time receive from any authorized officer of the Government.

8. That should he be guilty of any misconduct or of any breach or non-performance of any of the provisions of these presents it shall be lawful for the Government or their officers having authority for that purpose immediately and without any previous notice to discharge him from the service.

9. That if the party of the first part shall observe and comply with all the provisions of these presents there shall be paid to him for such a time as he shall be actually in the service and perform his duties a salary at and after the rate of Rupees Five hundred and twenty-five per calendar month. And there shall also be paid to him on account of any travelling which he may be required to undertake in India such travelling expenses as he may properly incur in accordance with Indian Regulations.

10. That the salary from time to time payable to the party of the first part shall be payable monthly in India commencing from the date of these presents and ceasing on the day of his quitting the service or on the day of his discharge therefrom or on the day of his death, if he shall die whilst therein.

11. That if at the expiration of his service under these presents the party of the first part shall at all times have performed his duties to the satisfaction of the Government or if he shall be compelled by ill-health not brought on by his own neglect or carelessness or misconduct (of which the certificate of the proper medical officers of Government shall be conclusive) to quit such service and shall actually quit the same in India and up to that time shall have performed his duties to the satisfaction of Government he shall be provided with a free first class passage to England provided that he claims such passage within three months from the determination of his service and leaves India within that time, and otherwise as Government may direct.

12. That if the party of the first part shall be guilty of any misconduct or of the breach of any of the provisions herein contained whereby he shall be subject to dismissal, he will pay to Government a sum equal to one year's salary in respect thereof, and that if he shall absent himself from the said service without first obtaining permission as aforesaid or in case of sickness without forwarding a proper medical certificate to the officer under whom he shall for the time being be placed he shall pay Rupees ten per diem for every day he shall be so absent; and that if he shall at any time quit the service without the permission of the Government, he will pay Rupees ten per diem for every day between the day when he shall so quit the service and the day when his said service would have expired and that all these said several sums shall become due and be paid by the party of the first part as and by way of liquidated damages and shall upon demand be paid by him to such person as may be directed by Government to demand the same. Provided nevertheless that it shall be lawful for the Government to deduct the same out of any money which may be payable to the party of the first part on any account whatever.

13. That in any payments made in Great Britain under these presents notwithstanding any rule to the contrary, the rate of exchange between England and India annually fixed by the Secretary of State for India in Council in communication with the Lords Commissioners of the Treasury shall be observed.

14. That the proceedings, letters and reports of the Governor-General of India in Council, or of any of the Local Governments and of all other the officers and agents of Government, or any copies thereof or extracts therefrom which shall be sent to the Secretary of State for India in Council, or to any officers or servants in the Indian service of Her Majesty in England or elsewhere, in any way relating to the sums of money to be paid or allowed to the party of the first part or to his conduct, or in any way relating to the premises shall be received as conclusive evidence of any matter therein contained in any action or in any legal proceedings by or between the parties to these presents, or in any way relating thereto.

In witness whereof the said Sidney Manthorp Cockburn and Sir Frederick James Halliday, K.C.B., and John Richard Bullen Smith, Esq., C.S.I., being two Members of the Council of India, have hereunto set their hands the day and year first above written.

Signed by the above named Party of the first part in the presence of J. W. H. JAMES, Civil Engineer, 9, *Victoria Chambers, Westminster, S. W.*	S. M. COCKBURN.
Signed by the above named two Members of the Council of India in the presence of W. H. TREASURE, *India Office.*	F. J. HALLIDAY. J. R. BULLEN SMITH.

No. 3278.

Transferred to the Marine Department.

(By Order.)

Ootacamund, (Signed) A. KENNEY-HERBERT, Lt.-Col.,
1st June 1886. *Secretary to Government.*

Order—dated 12th June 1886, No. 300, Marine.

Communicated to the Master Attendant and the Public Works Department.

(True Extract.)

E. F. WEBSTER,
Chief Secretary.

To the Master Attendant, Madras.
„ Public Works Department.
„ Accountant-General.

Exd. A. Raitt.

No. 1675 W. d/2nd July 1886

Order thereon

Recorded in continuation of G.O. No. 1632 W d/28 June/86.

Sgd/ JSS
W

Govt. of {1886} Madras.

MARINE.

Issued

Recd.

Encl.

G.O., 12th June 1886, No. 300.

B. No. 1675 W. d/2nd July 1886

JUNE.

Chf. Engr: for Irgn:

Dredgers.

Communicating to the Master Attendant and the Public Works Department, letter from the India Office forwarding copy of the agreement with Mr. Cockburn, who has been engaged to superintend the working of the — sent to Madras.

With order

26th June 1886, No. 343, Marine.

GOVERNMENT OF MADRAS.

MARINE DEPARTMENT.

Read—the following papers:—

From J. H. TAYLOR, Esq., Lieut., R.N.R., Master Attendant, to the Chief Secretary to Government, dated Madras, 15th May 1886, No. 4330.

Administrative Department.

I have the honor to forward copy of report sent to the Director of the Indian Marine regarding certain vessels belonging to this Presidency proposed to be fitted with machine guns.

Enclosure.

Vessels of Marine Department.

The *Madras* is a tug purchased for the purpose of towing sailing vessels in and out of Madras Harbour, which purpose has been defeated by the collapse of the sea wall. In the event of a war, it is certain her legitimate services would be in great request. She has no space on deck forward where machine guns could be placed. Her skylights, ladders, chain-lockers, steam windlass, bowsprit, occupy all available room, and a clear lead must always be kept on her sides, as the steam windlass is the only power she has to which warps and leads can be carried. It is much the same aft, and her sponsons and paddle-boxes are so wide that no useful range for a gun could be obtained. She has, however, a very fine bridge, which also forms the deck of the engine room, and a machine gun could very well be carried on each side. There is plenty of space and strength.

2. The *Empress* is a long, narrow, open launch, used by the Port Officer of Cocanada to communicate between his office and the shipping, five miles off. She has a fore compartment nineteen feet by six, and an after one eleven feet by six; both are generally filled by Government passengers and baggage. But room could be made in the forepart for one machine gun if required. The vessel is fairly strong and good average speed.

3. The *Margaret Northcote* is a small steamer attached to the Pearl Fishery for guarding and searching banks, &c., &c. She has occasionally been employed on inspection duties. The chief complaint about her is that she is very slow, five knots, and her deck space is very contracted. Her accommodation is forward, and there is only room to move about among her skylight hatchways, chain-lockers, windlass, bowsprit, &c. Her crew live right aft, and her galley, &c., is at the stern. In the present sanguine expectations of good results from the Pearl Fishery, the Board of Revenue could not spare her; while to alter her into a machine-gun-carrying vessel would impair her present efficiency. It would be better to purchase a suitable vessel.

4. With regard to the launches of the Salt Department, a report on which I have been awaiting and wiring about, I am now informed by telephone from the Deputy Assistant Adjutant-General, through the Deputy Assistant Quartermaster-General, that the former officer has forwarded the report to the Adjutant-General, Ootacamund, on the 13th instant. I am ignorant of the nature of the report.

From J. H. TAYLOR, Esq., Lieut., R.N.R., Master Attendant, to the Chief Secretary to Government, dated Madras, 18th June 1886, No. 5394.

Administrative Department.

With reference to your official memorandum, No. 852 C., dated 26th ultimo, I have the honor to inform you that the plans of the steamer *Margaret Northcote*, steam tug *Madras*, and steam launch *Empress* have duly been furnished to the

Director of the Indian Marine, Bombay, and that he has been informed that the Salt and Public Works departments are making their own arrangements for the transmission of the plans of the vessels belonging to those departments.

ORDER—dated 26th June 1886, No. 343, Marine.

Recorded.

(True Extract.)

Chief Secretary.

To the Revenue Department.
,, Public Works Department.
,, Board of Revenue.

Exd. A. Raitt.

" 1405 W. 2.6.86 No 1133C. 19.3.86
No 180 D. 27.5.86 B-No 373 W. 11.2.86
" 592 D. 30.4.86 " 2718 W. 13.11.85.
" 1490 C. 15.4.86
" 1419 C. 7.4.86
" 1329 C. 1.4.86
" 1247 C. 26.3.86
B " 1138 C. 20.3.86

B. No. 1800 W. d/ 16th July 1886.

Recorded in

Recorded in

contn. of G.O.

Continuation of G.O.

No: 1589 W. 8

No. 1589 W. dated

22.6.86.

22nd June 1886.

P.W.C. No. 5370.

(3)

Govt. of {1886} Madras.

MARINE.

X 8. S.C

Issued

Recd. 10. 7. 86 Encl.

OB
12.7.86

14.7.86

15.7

16/7/86

G.O., 26th June 1886, No. 343.

B. No. 1800 W. d/ 16th July 1886.

JUNE.

Government Vessels.

Recording letter from the Master Attendant, forwarding copy of report sent to the Director of the Indian Marine regarding certain vessels belonging to this Presidency proposed to be fitted with machine guns.

2 Copies to P.W.D.

4

17/7

O.G.L. 69/7

17/7.

O-12.7.86. R.16.7.86

No 550. K.S.   2d Circle Bezvada 6th July 1886

From
The Superintending Engineer
2nd Circle

To
The Chief Engineer
For Irrigation

Sir

I have the honor to request you will let me know, whether the Military Department would have any objection to supplying this Department with a 3 Barrel Nordenfelt gun weighing about ½ cwt, so that we might set it up on the Steam Launch, now being finished off in the Bezvada Workshops, as it might be found necessary to introduce some additional Iron work under the fore-deck to hold down securely the gun in position.

2 I understand that an Artillery Officer has been delegated to inspect the Steam Boats lying at Dowlaishweram, who may probably suggest some method of setting up a Nordenfelt or Light Muzzle Loader, on the "Arthur Cotton" Launch; but it would be much more satisfactory were we to be supplied with the article itself, which could be readily set up and tested here and then set aside until actually required

1589 W. 22.6.86 No 1133 C
1405-W

I have the honor to be
Sir
Your most Obt. Servant

Major R.E.
Offg. Superintending Engineer 2d Circle

Comd

No 1800 W. 16.7.86
" 1675 W. 2.7.86
" 1589 W. 22.6.86
" 1405 W. 2.6.86
No 180 D. 27.5.86
" 159 D. 13.4.86
No 60 SW 86

No 1490 C. 15.4.86
" 1419 C. 7.4.86
" 1329 C. 1.4.86
" 1247 C. 26.3.86
" 1138 C. 20.3.86
" 1133 C. 19.3.86
B No 373 W. 11.2.86
" 2718 W. 13.11.83

Transferred to the Chief Engineer Public Works Department for disposal.

R Davidson

For Chief Engineer for Irrign.

Chepauk
16 July 1886

To stand over, pending receipt of Committee's report ~~It is desirable that the report~~ No S.E. W. dated ~~the committee appointed to examine the steam launches be received before further action is taken on this communication.~~

23-7-86

21/7/86

Ag. 30/7 A. 20.8.86 R. 25.8.86
OL 2/7 (Resubmitted) W.G. 24.7.86 A. 24.7
Hosur 21.7.86. AM 23.7.86
A. 24.7.86

Mlls 55

(7)

CHIEF ENGINEER
13 JLY
1886
FOR IRRIGATION

R79 KD

From,

The Suptg. Engineer,
2nd Circle.

To, (30)

The Chief Engineer,
For Irrigation.

Dated 6th July 1886.

Despd 8th —do—.
No 17
1589 W 22.6.86

No. 550 KD.

Nordenfelt Gun —

3 barrel — Enquires whether the Military Dept. would have any objection to supplying this Dept. with a — so that it might be set up on the Steam Launch now being finished off in the Bezwada Workshops.

The S.E. II should be informed that no action can be taken regarding the issue of guns for steam launches until the report of the Committee has been received

19/7/86

iw.

.O. No 1226 of 19th October
85. Marine Dept. states:
aunches that may be built
reafter should be specially
signed to carry guns".

. March 1886 the S.E. II Circle
pplied for drawings showing how
e steam launch then being
itted in Bezwada Workshops
could be adapted to carry
machine guns & was informed
that the launches were to
be inspected by a Military
Officer & was told to report
what launches he considered
should be inspected

On 28th March the S E II Circle
asked that the steamer sent
to replace the "Charles Orr"
at Bezwada might be inspected
by the Military Committee.

On 11th May 1886 S. E II in
answer to a reference reported
that the launch being similar
to the "Arthur Cotton" which was
to be inspected at Dowlaishwaram
no separate inspection was necessary

The S E I Circle however in
applying for inspection of the

mentions 4 names but the
"Arthur Cotton" is not among
them. Possibly it has been
concluded that the Arthur
Cotton is not fitted to carry
a gun.

S.E II now applies for
a gun to fit to the launch
at Bezwada.

It seems necessary to await
the report of inspection of
the following steamers & S.E I
might be asked why the
"Arthur Cotton" has been omitted
in the list of launches for
inspection.

15.7.[illegible]

Note.

The steam launch is probably the one referred to in S.E's No: 2289. K.S. of 28.3.86. and No: 218. K.S. of 11.5.86. It is not probable that the Mily deptmt. supply a gun for it before the report of the Comtee. is received.

The letter from the G. of I. recorded in G.O. 2718. W. of 13/11/85 stated that it was "desirable "that steam launches "should be fitted "to carry one or "more machine "or other guns in

Confidential

Entd "S.R.K."

"case of need" -
It did not say that
guns wd be
supplied at once
and it is not
likely that a supply
of machine guns
is immediately
available -

For orders -

F.B.

19.7.86.

Hosur 21.7.86

From the Ast
To [illegible]

Kindly send Pape
if any regarding a
steam launch or tug
~~Masulipatam~~
also any G.O. directin
the Port Officer Mr. Fe
to visit Kotapatam
and Vadarew

Curr.

The papers put up
are all that can be
traced but they do
not seem to be wha
are wanted -

The entry on page
370 of the index (1886) ma
have something abo
the order to the Port
Officer to visit Koto-
-patam &c but it is
Confidential." + 10/

" 1675 W. 2. 7. 86 " 1490 C. 15. 4. 86
" 1589 W. 22. 6. 86 " 141
" 1405

To C.A.P.

I send you the only papers we have - but I doubt whether they are what you require.

The entry of on p. 370 of the Index referred to overleaf is about district improvements. The paper is being looked up, and should it contain anything regarding Mr. Fletcher I will send it on.

R.S.
4-1-88

Returned with thanks — C.P.
A.S.
2 Feb 88 3/2

D.
4-2-88

Original/30/7 C. 20. 8. 86 R. 25. 8. 86
Old 2/7 Resubmitted W.C. 24. 7. 86 R. 24. 7.
Hosur 21. 7. 86. R. 24. 7. 86 M 23. 7. 86.

5th August 1886, Nos. 432, 433, Marine.

GOVERNMENT OF MADRAS.

MARINE DEPARTMENT.

Read—again the following paper :—

G.O., dated 7th June 1886, Mis. No. 289, Marine.

Read—the following letter from the Superintending Engineer, II Circle, dated 11th May 1886, No. 218 K.S. :—

With reference to your memorandum, No. 1490-C, of the 15th April 1886, I have the honor to inform you that the Executive Engineer, Kistna Eastern Division, states that the steam launch which is in the river here cannot be sent away to be examined until it is fitted up, and that as it is almost exactly of the same size and build as the *Sir Arthur Cotton* now in the Godávari, it need not be separately examined.

No. 180-D.

Memorandum.

+ at 60

Copy forwarded to the Marine Department, with advertence to its endorsement, No. 6256, dated 8th April 1886.

2. Information with respect to the steam launches in the Godávari district was afforded in this office, No. 59-D, dated 30th April 1886.

Ootacamund,
27*th May* 1886.

(Signed) J. SHAW-STEWART, Col., R.E.,
Secretary to Government, P.W.D.

To the Marine Department.

Order—dated 7th June 1886, Mis. No. 289, Marine.

Communicated to the Military Department, in continuation of G.O., dated 11th May 1886, No. 235, Marine.

(True Extract.)

(Signed) E. F. WEBSTER,
Chief Secretary.

To the Military Department.
" Public Works Department.
" Master Attendant, Madras.
" Board of Revenue.

1800W. 16.7.86 No 1490C. 16. [illegible] 86

READ—also the following paper :—

From Brigadier-General W. K. ELLES, C.B., A.D.C., Adjutant-General, to the Secretary to Government, Military Department, dated Ootacamund, 21st July 1886, Mis. No. O. 1765.

With reference to Proceedings of the Madras Government, No. 3246, dated the 31st May last, I have the honor, by desire of the Commander-in-Chief, to forward, for the information of Government, the report * from Major Hewitt, R.A., on the steam launches named in the margin. †

* Dated 9th July 1886.

† "Shamrock," "Thistle," "Arthur Cotton," "Victoria," and "Godavari."

ENCLOSURES.

From Major J. R. S. O. HEWITT, R.A., to the Officer Commanding Royal Artillery, Eastern District, dated St. Thomas' Mount, 9th July 1886.

I have the honor of reporting that, in accordance with instructions contained in D.O., No. 217, of 15th June 1886, and letter Mis. No. 1349-D., of 10th June 1886, from Adjutant-General, herewith returned, I inspected the steam launches of the Godávari district in company with Mr. Walch, Superintending Engineer, I Circle, on Monday the 5th July 1886.

2. Major S. C. Clarke, R.E., on being relieved by Mr. Walch, had left Dowlaishweram for the Kistna district on the 17th June, and the services of no officer of the Royal Engineers were available; but Mr. Walch was thoroughly acquainted with the capabilities and history of all the launches and had fitted some of them up for service during the Rampah outbreak in 1879.

The accompanying table will show the dimensions, &c., of each of the launches, and appended are some suggestions as to their armament.

3. The *Shamrock*—a paddle steam launch. The roof of the cabins and engine-room form an upper deck sufficiently strong to carry two 7-pounder R.M.L. guns of 200 lb., and there is sufficient room (3 feet 6 inches) on each side of the cabin hatch (which is situated near the bows) for these guns to be run up after being loaded to fire to the front, and they could also be used on either side as broadside guns; movable shields of plate iron might also be hooked on the railings running round the upper deck supported on cleats below and shifted as required. The bath-room or a portion of it could be strengthened with iron plates battened over with wood to serve as a magazine, and the cabin itself would serve as a shell store, the ammunition being passed up to the upper deck through a trap-door in the roof of the cabin.

4. The *Victoria*—a twin screw steam launch. This is a very slightly built steel launch and not suited to carry anything heavier than machine guns on the upper deck formed by the roof of the cabin, and might be fitted with one fore and one aft, either the 5-barrel 0·45 inch Nordenfeldt on cone mounting described in list of Changes in War Material, section 4922, or the 5-barrel 0·45 inch Gardner in section 4497, the holding down rings (section 4281) being permanently fixed one fore and one aft. The guns, cone mountings, and shields being kept either in the workshops at Dowlaishweram or in the Arsenal, Madras.

Part of the railings on the upper deck would have to be removed to allow of the guns being fired. A fore magazine, as in the *Shamrock*, could be made in the bath-room, and an after magazine in the servant's room.

5. The *Thistle*—a paddle steam launch, old and worn out, and as it will probably soon be got rid of, there is no need to offer any suggestions as to its armament; in its present state it is quite unfit to carry machine or other guns.

6. The *Arthur Cotton*—twin screw steam launch. This is a small launch, and a machine gun on cone mountings might be fitted in the bows, the davits for the anchors being moved back 4 or 5 feet, and the stancheon for the awning removed; it would make the launch too top heavy to place a gun on the roof of the cabin; the magazine could be placed as recommended in the *Shamrock* and *Victoria*.

7. The *Godávari*—stern wheel steam launch, is now employed as a ferry boat between Rajahmundry and the opposite side of the river; it is a long shallow weakly constructed vessel and will not apparently last much longer. Four 7-pounder R.M.L. guns of 200 lb. could be mounted on a platform inside the latticed bracings which support the upper deck, and raised sufficiently high to fire over the bulwarks through the bracings; but on account of the age and insecurity of the vessel it is not recommended that any expense should be incurred in fitting it up till it is absolutely required, and there is always plenty of material and artificers available in the Public Works Department Workshops at Dowlaishweram to prepare the steam launches for carrying guns.

8. None of the steam launches are well adapted for carrying guns, being too much hampered with cabins.

RETURN of Revenue Steam Launches in the Godávari district.

Name.	Date of construction.	Length.	Breadth.	Depth.	Extra width for paddle box.	Draft when loaded.	Load.	Average speed.	Propellors.	No. of horse power.	Engines.	Remarks.
		FT.	FT.	FT.	FT.	FT.	TONS.	MILES PER HOUR				
"Shamrock"	1859-60 ..	95	$14\frac{1}{8}$	$4\frac{1}{4}$	$9\frac{1}{2}$	3	145	6	Side paddle.	16	High pressure.	
"Thistle" ..	1859-60 ..	95	$14\frac{1}{2}$	$4\frac{1}{2}$	$9\frac{1}{2}$	3	145	5	Do. ..	12	Do.	
"Arthur Cotton."	1878-79 ..	FT. IN. 60 10	$9\frac{1}{2}$	5	..	3	39	7	Iron screw.	5	High pressure, double engine.	
"Victoria".	1881-82 ..	FT. $91\frac{1}{2}$	13	$5\frac{1}{2}$	..	3	68	10	Do. ..	150	Two compound surface condenser.	Steel.
"Godavari"	..	$133\frac{9}{12}$	25	$3\frac{7}{12}$	..	IN. $18\frac{1}{2}$	..	..	Stern paddle.	..	..	Iron, thickness of plates $\frac{1}{8}$".

No. 513.

Forwarded.

(Signed) A. W. FERRIER, Major, R.A.,
Commanding Royal Artillery, Eastern District.

10th July 1886.

No. 4476.

Transferred to the Marine Department, with reference to Proceedings of Government, No. 235, dated 11th May 1886.

(By Order.)

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Secy. to Govt., Mily. Dept.

OOTACAMUND,
26th July 1886.

ORDER—dated 5th August 1886, No. 432, Marine.

Ordered that Major Hewitt's report be communicated to the Government of India in continuation of G.O., dated 10th June 1886, No. 296, Marine.

(True Extract.)

Chief Secretary.

To the Public Works Department.
" Military Department.
" Port Officer, Madras.
" Revenue Department.

ENDORSEMENT—dated 5th August 1886, No. 433, Marine.

Copy to the Government of India, Military (Marine) Department.

E. F. WEBSTER,
Chief Secretary.

Exd. T.O'Connor.

13[illegible]

B. No 1800 W. 16. 7. 86
" 1675 W. 2. 7. 86
" 1589 W. 22. 6. 86
" 1405 W 2. 6. 86
No 180 D. 27. 5. 86
" 59 D. 30. 4. 86
" 1490 C. 15. 4. 86
" 1419 C. 7. 4. 86
" 1399 C 1. 4. 86
" 1247 C. 26. 3. 86
" 1138 C. 25. 3. 86
" 1133 C. 19. 3. 86
B. No 373 W. 11. 2. 86
" 2718 W. 13. 11. 85

5589
6458

No. 2142 W d/ 26-8-86

B

Communicated to the S. E. I circle, in continuation of G. O. No. 1405 W d/ 2d June 1886; also to the Supdg. Engr. II circle, with advertence to his letter No. 550 K.S. d/ 6th July 1886.

22-8-86

S. E. I circle ✓
S. E. II circle ✓

Issd
26/8/86

Ag. S. 109/8.
20. 8. 86 / R. 25-8-86

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(3) Mch. 6458

Govt. of {1886} Madras.

MARINE.

13 S. C

Issued

Recd. 19/8/86 *Encl.*

G.O., &c., 5th August 1886,
Nos. 432, 433.

No. 2142 W d/ 26-8-86

AUGUST.

Government Steam Launches.

Communicating to the Government of India a report by Major Hewitt, R.A., of his inspection of the launches of the Godávari district in view to their possible armament.

C. A. W.
8/86

With order

Entered in RR