

Number of page 2
Date of receipt 29-4-37
Initials of Receiver

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MADRAS RECORD OFFICE.

Government of Madras.

Public

DEPARTMENT.

G.O. No. 856-57

Press
Mis.

Dated

16-6-

49 1871

Not to be folded or roughly handled

29-4-37

16th June 1871.

Read the following papers:—

No. 128. Despatch from the Right Honourable the Secretary of State for India, to His Excellency the Right Honourable the Governor-General of India in Council, dated India Office, London, 23rd February 1871, No. 9 (Public).

I forward, for the consideration of your Excellency in Council, copy of a Report* made by the Emigration Commissioners regarding the adoption in India of an uniform system for the measuring of emigrant vessels.

* Dated 19th January 1871.

2. This proposal has arisen in consequence of the despatch addressed to me by the Government of Madras on the 14th of November last, No. 26, in reply to the inquiry I had instituted in reference to the measurement of the Ship *Inverdrue*.

3. Before communicating to the Secretary of State for the Colonies my decision on Sir Clinton Murdoch's suggestion, I desire that your Lordship in Council, in consultation with the several Local Governments, will furnish me with your opinion on the subject.

From Sir T. W. C. MURDOCH, to Sir F. ROGERS, Bart., &c., &c., &c., dated the 19th January 1871.

I have to acknowledge your letter of 4th instant, with one from the India Office, enclosing a correspondence between the Indian Government and the Governments of the Presidencies on the mode of measuring emigrant ships. This correspondence arose out of some discrepancies between the modes of measuring emigrant ships at Mauritius and Bombay, which led to the supposition that some ships from Bombay had carried more than their legal complement.

From the papers transmitted by the Government of India it appears that, at Calcutta, the mode of measurement known as Sterling's rule is followed, that at Bombay a simple but insufficiently accurate system is adopted, and at Madras a system resembling Sterling's rule but less difficult to work out, and probably not so exact. The Master Attendant at Madras alleges that no complaint has ever been made of the system of measurements at that port, and recommends that it should be maintained, in which he is supported by the Governor in Council.

It is desirable that an uniform system should be adopted both in the Indian ports from which emigrant ships are despatched, and in the Colonial ports at which they arrive. Sterling's rule is, perhaps, the most accurate, but it is also very elaborate, involving algebraic calculations which officers at the several ports might probably not be competent to work, and which, if incorrectly worked, would lead to serious errors. The rule adopted at Madras is similar to that prescribed by us for the guidance of our officers at the out-ports which, without being so complex as Sterling's rule, is but little less accurate, and is much easier to follow. Under these circumstances, we would suggest that the rule we have established in this country, which has been in successful operation for many years, should be adopted for the measurement of Indian ships. We enclose a printed copy of it. If the Earl of Kimberley should approve this suggestion, it would be desirable that copies of the rule should be furnished to the Masters Attendant at Calcutta, Madras, and Bombay, and also to the Protector of Immigrants at Mauritius and the Immigration Agents of the several West Indian Colonies which import immigrants. We should be prepared to furnish such copies on being informed of Lord Kimberley's decision.

P. S.—This report has been delayed, first, by a difficulty in obtaining fuller information than the papers afford in regard to Sterling's mode of measurement, and, secondly, a delay in printing the enclosure at the Stationery Office.

Proceedings of the Madras Government, Public Department.

16th June 1871.

Rules adopted by the Emigration Commissioners for ascertaining the area appropriated for the accommodation of passengers in passenger ships.

I.—Subject to the deductions hereafter mentioned, the length of the passengers' deck multiplied into the mean breadth is to be taken as the area for the accommodation of passengers.

II.—No part of the area is to be measured either for length or breadth where there is not a clear height from deck to deck of at least six feet.

III.—*Length*.—To obtain the length, the area appropriated to the use of the passengers is to be measured from end to end on a straight line midway between the two longest sides.

IV.—*Mean breadth*.—To obtain the mean breadth, transverse measurements are to be taken at a distance of six feet from either extremity of the length determined as above. Between the two first transverse measurements other intermediate transverse measurements are to be taken at equal intervals of (as nearly as may be) twelve feet. The sum of the transverse measurements divided by their number will give what is to be assumed as the mean breadth.

V.—*Deductions*.—Deduct from the area so ascertained the spaces occupied by masts, chain-lockers, pumps, tanks, ventilating-shafts, any hatchways required for the use of passengers on a deck below, and the space occupied by any cargo, stores, packages or other obstruction, except passengers' luggage permitted to be carried by the Emigration Officer.

VI.—The area so determined will be the net area for the carriage of passengers.

VII.—*Cubical contents*.—To obtain the cubical contents, multiply the net area by the mean height.

VIII.—*To obtain the mean height*.—On a line drawn midway between one side and the centre of the ship, take the height from deck to deck at three places, viz., at or near both extremities, and at the middle of the space to be measured. Add these heights together and divide by three.

No. 2104.

Copy forwarded to the Government of Madras for report, with reference to previous correspondence ending with the letter from this Department, No. 4030, dated the 2nd September 1869.

(By order of the Governor-General of India in Council,)

HOME DEPARTMENT, PUBLIC,
SIMLA, 29th April 1871.

(Signed) J. GEOGHEGAN,
Under Secy. to the Govt. of India.

Forwarded to the Master Attendant, Madras, for report, with reference to Mr. Crowther's letter to the Protector of Emigrants, dated 18th October 1870, and the Proceedings of Government, dated 28th September 1869, No. 1345.

FORT ST. GEORGE,
12th May 1871.

(Signed) W. HUDLESTON,
Acting Chief Secretary.

No. 129. From the Master Attendant, Madras, to the Acting Chief Secretary to Government, Fort St. George, dated Madras, 26th May 1871, No. 3137.

Administrative Department.

I have the honour to acknowledge the receipt of, and to return the despatch from the Secretary of State, forwarded to me for report under endorsement thereon, dated 12th instant, having reference to the adoption of an uniform rule for the measurement of emigrant vessels.

2. In reply, I may here reiterate my opinion on the subject as set forth in a letter to Government, dated 7th July 1869, viz., that the mode of measurement and

Proceedings of the Madras Government, Public Department.

16th June 1871.

calculations adopted in Madras is by far the best, being simple and sufficiently comprehensive for accuracy, and this opinion, it would appear, is concurred in by Sir T. W. C. Murdoch on behalf of the Emigration Commissioners.

3. There is, therefore, no objection to the adoption of the Rules submitted by that officer, and which have been in force in England for a long time; but a glance at the accompanying memorandum will show that the only difference between the two systems is in the mode of ascertaining the mean breadth of the vessel, and that the Madras measurements are in favour of the emigrants, and, therefore, in all respects safer.

No. 130. ORDER THEREON, 16th June 1871, No. 856.

Ordered that a copy of the Master Attendant's letter, together with its enclosures, be forwarded to the Government of India, with reference to their Orders, dated the 29th April last, No. 2104, and that they be informed that the "Rules adopted by the Emigration Commissioners for ascertaining the area appropriated for the accommodation of passengers in passenger ships" will be observed in future in this Presidency.

2. The Master Attendant states that "the Madras measurements are in favour of the emigrants, and, therefore, in all respects safer;" but as Sir T. W. C. Murdoch observes "it is desirable that an uniform system should be adopted," and as the Rules established in England by the Emigration Commissioners "have been in successful operation for many years," the Government direct that those Rules be adopted, and that all future measurements of emigrant ships be made in accordance therewith.

(True Extract.)

Acting Chief Secretary.

To the Master Attendant, Madras.
„ Protector of Emigrants.

Exd. J. Wright.

PUBLIC DEPARTMENT.

No. 857.

FROM
W. HUDLESTON, Esq.,
Acting Chief Secretary to the Government of Fort St. George,

TO
THE SECRETARY TO THE GOVERNMENT OF INDIA,
HOME DEPARTMENT.

SIR,

With reference to the Order of the Government of India, dated the 29th April 1871, No. 2104, I am directed to transmit copy of a letter from the Master Attendant, Madras, together with its enclosures,* and to state that the "Rules adopted by the Emigration Commissioners for ascertaining the area appropriated for the accommodation of passengers in passenger ships" will be observed in future in this Presidency.

I have the honour to be,

Sir,

Your most obedient servant,

FORT ST. GEORGE,
16th June 1871.

Acting Chief Secretary.

From the Master Attendant, Madras, to the Acting Chief Secretary to Government,
Fort St. George, dated Madras, 26th May 1871, No. 3137.

Administrative Department.

I have the honour to acknowledge the receipt of, and to return the despatch from the Secretary of State, forwarded to me for report under endorsement thereon, dated 12th instant, having reference to the adoption of an uniform rule for the measurement of emigrant vessels.

2. In reply, I may here reiterate my opinion on the subject as set forth in a letter to Government, dated 7th July 1869, viz., that the mode of measurement and calculations adopted in Madras is by far the best, being simple and sufficiently comprehensive for accuracy, and this opinion, it would appear, is concurred in by Sir T. W. C. Murdoch on behalf of the Emigration Commissioners.

3. There is, therefore, no objection to the adoption of the Rules submitted by that officer, and which have been in force in England for a long time; but a glance at the accompanying memorandum will show that the only difference between the two systems is in the mode of ascertaining the mean breadth of the vessel, and that the Madras measurements are in favour of the emigrants, and, therefore, in all respects safer.

Ed. J. Wright.

Govt of 1871 Madras.

PUBLIC.

To
THE MASTER ATTENDANT,

Madras,
&c.,
&c.,
&c.

Dated June, 16th.

Recd.

Encl.

G. O., 16th June 1871, No. 856.

JUNE.

Nos. 128-131.

Directing that copy of a letter from the Master Attendant, together with its enclosures, be forwarded to the Government of India, and that that Government be informed that the "Rules adopted by the Emigration Commissioners for ascertaining the area appropriated for the accommodation of passenger ships" will be observed in future in this Presidency.

Home 1871 Dept.

[]

From Government of

Fort St. George.

Dated 16th June 1871. No.
Enclosures
E. Spare copies

D. No. D.
Procs. No.
L. No. 857.

Transmitting copy of a letter from the Master Attendant, Madras, together with its enclosures, and stating that the "Rules adopted by the Emigration Commissioners for ascertaining the area appropriated for the accommodation of passenger ships" will be observed in future in this Presidency.

INDIA OFFICE;

London, the 23rd February 1871.

Public.

No. 9.

To His Excellency the Right Hon'ble the Governor General of India in Council.

MY LORD,—I forward, for the consideration of your Excellency in Council, copy of a Report* made by the Emigration Commissioners regarding the adoption in India of a uniform system for the measuring of emigrant vessels.

2. This proposal has arisen in consequence of the despatch addressed to me by the Government of Madras on the 14th of November last, No. 26, in reply to the enquiry I had instituted in reference to the measurement of the ship *Inverdruie*.

3. Before communicating to the Secretary of State for the Colonies my decision on Sir Clinton Murdoch's suggestion, I desire that your Lordship in Council, in consultation with the several Local Governments, will furnish me with your opinion on the subject.

I have the honor to be,

MY LORD,

Your Lordship's most obedient, humble Servant,

ARGYLL.

Dated the 19th January 1871.

From—SIR T. W. C. MURDOCH,
To—SIR F. ROGERS, BART., &c., &c., &c.

I HAVE to acknowledge your letter of 4th instant, with one from the India Office enclosing a correspondence between the Indian Government and the Governments of the Presidencies on the mode of measuring emigrant ships. This correspondence arose out of some discrepancies between the modes of measuring emigrant ships at Mauritius and Bombay, which led to the supposition that some ships from Bombay had carried more than their legal complement.

From the papers transmitted by the Government of India it appears that at Calcutta the mode of measurement known as Sterling's rule is followed, that at Bombay a simple but insufficiently accurate system is adopted, and at Madras a system resembling Sterling's rule but less difficult to work out, and probably not so exact. The Master Attendant at Madras alleges that no complaint has ever been made of the system of measurements at that port, and recommends that it should be maintained, in which he is supported by the Governor in Council.

It is desirable that an uniform system should be adopted both in the Indian ports from which emigrant ships are despatched, and in the Colonial ports at which they arrive. Sterling's rule is, perhaps, the most accurate, but it is also very elaborate, involving algebraic calculations which officers at the several ports might probably not be competent to work, and which, if incorrectly worked, would lead to serious errors. The rule adopted at Madras is similar to that prescribed by us for the guidance of our officers at the out-ports which, without being so complex as Sterling's rule, is but little less accurate, and is much easier to follow. Under these circumstances, we would suggest that the rule we have established in this country, which has been in successful operation for many years, should be adopted for the measurement of Indian ships. We enclose a printed copy of it. If the

Earl of Kimberley should approve this suggestion, it would be desirable that copies of the rule should be furnished to the Masters Attendant at Calcutta, Madras, and Bombay, and also to the Protector of Immigrants at Mauritius and the Immigration Agents of the several West Indian Colonies which import immigrants. We should be prepared to furnish such copies on being informed of Lord Kimberley's decision.

P. S.—This report has been delayed, first, by a difficulty in obtaining fuller information than the papers afford in regard to Sterling's mode of measurement, and, secondly, a delay in printing the enclosure at the Stationery Office.

Rules adopted by the Emigration Commissioners for ascertaining the area appropriated for the accommodation of passengers in passenger ships.

I.—SUBJECT to the deductions hereafter mentioned, the length of the passengers' deck multiplied into the mean breadth is to be taken as the area for the accommodation of passengers.

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III.—Length.—To obtain the length, the area appropriated to the use of the passengers is to be measured from end to end on a straight line midway between the two longest sides.

IV.—Mean breadth.—To obtain the mean breadth, transverse measurements are to be taken at a distance of six feet from either extremity of the length determined as above. Between the two first transverse measurements other intermediate transverse measurements are to be taken at equal intervals of (as nearly as may be) twelve feet. The sum of the transverse measurements divided by their number will give what is to be assumed as the mean breadth.

V.—Deductions.—Deduct from the area so ascertained the spaces occupied by masts, chain-lockers, pumps, tanks, ventilating-shafts, any hatchways required for the use of passengers on a deck below, and the space occupied by any cargo, stores, packages or other obstruction, except passengers' luggage permitted to be carried by the Emigration Officer.

VI.—The area so determined will be the net area for the carriage of passengers.

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No. 2104

COPY forwarded to the Government of Madras for report, with reference to previous correspondence ending with the letter from this Department, No. 4030 dated the 2 September 1869

By Order of the Governor General of India in Council,

HOME DEPARTMENT,

PUBLIC;

Simla, the 29 April 1871.

Under Secy. to the Govt. of India.

Forwarded to the Master Attendant
 1 and 2 hours for report, with reference to
 the Committee letter to the Public
 9th Oct 71, and to the P. of 1st 3rd Sept
 1869. 11/10/71
 12 May 1871
 W. H. Hunter
 Master Attendant

Public (1871) Depart
 From
 The Under Secretary
 to the Government of
 India, Home Dept
 (Public) No. 2104
 Dated 29th April 1871
 Recd 10th May 1871
 No. 880 Forwarding
 despatch from the Secretary
 of State with accompanying
 regarding the uniform
 measuring of emigrant
 ships.
 papers.
 in public 1090 9/7/71
 Forwarded

Public Department

PROCEEDINGS of the MARDAS GOVERNMENT.

Read the following letters

From the Under Secretary to the Government of India
 Home Department, dated 29th April 1871 No. 2104
 ——— Master Attendant, Administrative Department
 dated 26 May 1871 No. 3137
 Order thereon 16 June 1871 No. 856
 Ordered that a
 copy of the Master Attendant
 letter, together with its
 enclosures, be forwarded to
 the Government of India, in
 reference to their Orders —
 dated the 29th April last
 No. 2104, and that they
 be informed that the Rules
 adopted by the Immigration
 Commissioners for ascertain-
 ing the area appropriated
 for

for the accommodation of
passengers in passenger
ships, will be observed in
future in this Presidency

2 The Master Attendant
states that "the Madras
Measurements are in favor
of the Emigrants, and
therefore in all respects
safer", but as Sir J. W.
Murdoch observes "it is
desirable that an uniform
system should be adopted",
and as the rules established
in England by the Emigration
Commissioners "have been
in successful operation for
many years", the Govern-
ment direct that those
Rules be adopted;
and that all future
measurements of Emigrant
ships be made in accordance
therewith.

LB

356 21/10
The Master Attendant
Madras
Protector of Emigrants

Sept 22/6

*Memorandum
of Emigration Ship*

Govt. of 1871 } Madras.

Public

To
The Public Attendant,
Madras.

Date June 15 }
Recd. 1871, No. 857

Nos. 28-31.

Directing that copy of a
letter from the Public Attendant,
and together with its enclosure
be forwarded to the Public
Attendant, and that the Public
be informed that the Rules
adopted by the Immigration
Commissioners for ascertaining
the area appropriated for
the accommodation of
Passengers in passenger
ships, will be observed in the
future.

*22/11
with two drawings.*

Public Department.
No. 857.

15/

To

The Secretary to Government

of India.

Home Department.

Sir,

With reference to
the order of the Govern-
ment of India dated
the 29th April 1871, last
No. 2104, I am directed
to transmit copy of a
letter from the Master
Attendant, ^{Madras,} together with
its enclosures, and to state
that the "Rules adopted
by the Immigration Commis-
sioners for ascertaining
the area appropriated
for the accommodation of
Passengers in passenger
ships," will be observed in
future.

Two drawings. J. D.

future in this Presidency.

H.B.

Fort St George
16 June 1878

Department
of Foreign Affairs

18

Department

No.

To

The Secretary to the
Government of
Department

Dated

187

aw/b

Home 1871. Dept.

From Government of

Fort St. George.

Date June 16

1871

No.

Enclosures.

spare copies.

R.

D. No.

Progs.

D.

L. No. 857.

No.

Nos. 128-131.

Transmitting copy of a letter
from the Master Attendant
in answer to the letter
enclosed, stating that the
Rules adopted by the
Navigation Commissioners
for ascertaining the area ap-
propriated for the accommoda-
tion of passengers, will be
observed in future in this
Route