GOVERNMENT OF MADRAS.

MARINE DEPARTMENT.

Read—again G.O., dated 3rd June 1888, No. 238.

Read—also the following papers:—

From the Surgeon-General with the Govt. of Madras, dated 4th July 1888, No. O-294.
„ Acting Inspector-General of Police, dated 7th July 1888, C. No. 20.
„ Chairman, Harbour Trust Board, dated 11th July 1888, No. 1394.
„ Military Department, dated 9th August 1888, No. 5437.
„ Presidency Port Officer, dated 14th September 1888.
„ Military Department, dated 15th October 1888, No. 6855.

Order—dated 23rd October 1888, No. 494, Marine.

The Cyclone Code, as finally revised with reference to the alterations and suggestions made in the foregoing papers, will be published in the *Fort St. George Gazette.*

2. The new code supersedes that circulated with G.O., No. 467, Marine, dated 22nd October 1887.

3. The Presidency Port Officer will arrange for the very early supply of the new signals and apparatus, as requested by His Excellency the Commander-in-Chief.

(True Extract.)

J. F. PRICE,
Ag. Chief Secretary.

To the Military Department.
„ Public Works Department.
„ Presidency Port Officer.
„ Chairman, Harbour Trust Board.
„ Surgeon-General with the Government of Madras.
„ Commissioner of Police, Madras.
„ Inspector-General of Police, Madras.
„ Government Astronomer.
„ Meteorological Reporter, Madras.

Endorsement—dated 23rd October 1888, No. 495, Marine.

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

J. F. PRICE,
Ag. Chief Secretary.

APPENDIX.

MADRAS CYCLONE CODE.

CHAPTER I.—GENERAL ARRANGEMENTS IN CONNECTION WITH THE HOISTING OF STORM SIGNALS AT MADRAS AND OUTPORTS.

1. The arrangements for the communication to Port Officers of information respecting the formation, growth and course of cyclonic storms, necessary for their guidance in hoisting the storm-signals, will be carried out by the Meteorological Reporters of Bombay and Calcutta under the general direction of the Meteorological Reporter to the Government of India.

The Madras ports which will be included in this storm-warning system are as follows:—

A.—Ports on the Coromandel Coast.

Gopálpur.	Masulipatam.	Negapatam.
Calingapatam.	Madras.	Pámban.
Bimlipatam.	Cuddalore.	Tuticorin.
Vizagapatam.	Porto Novo.	
Cocanada.	Tranquebar.	

B.—Ports on the Malabar Coast.

Cannanore.	Mangalore.	Calicut.
Tellicherry.	Cochin.	Beypore.

The Meteorological Reporter to the Government of Bengal (Calcutta) will supply the information and work the system for those ports classed as belonging to the Coromandel coast, and the Meteorological Reporter for Western India (Bombay) for the Malabar coast ports as defined above.

2. Information respecting the first indications of bad weather in the Indian Ocean will be sent by the Bombay Reporter, and of bad weather in the Bay of Bengal by the Calcutta Reporter, to the Presidency Port Officer, Madras, who will, if he deems it desirable, communicate it to any of the Port Officers subordinate to him.

3. As soon as the existence and probable course of a cyclonic storm in the Bay of Bengal or the Indian Ocean has been ascertained by the Meteorological Reporter of Calcutta or Bombay, the Port Officers of the ports likely to be affected by the storm will be informed and warned by the Reporter appointed to give such warnings to his port. The warning signal will usually be hoisted immediately or shortly after the receipt of this information. The Meteorological Reporter will continue to keep the Port Officers of the warned ports acquainted with the growth, progress, course and other features of the storm which will be useful as a guide to the Port Officer in hoisting, when necessary, the danger-signal. The danger-signal will be hoisted as soon as the Port Officer considers it advisable to warn the shipping of an approaching cyclone, in order that they may carry out the precautions or follow the directions laid down in the Port Rules of the port where they are lying. By these arrangements the Meteorological Reporters will transmit information and warnings direct to the Port Officers of Madras, Gopálpur, Bimlipatam, Vizagapatam, Cocanada, Masulipatam, Negapatam, Tuticorin, Mangalore, Cochin and Calicut. At the remaining ports, viz., Calingapatam, Cuddalore, Porto Novo, Tranquebar, Cannanore, Tellicherry and Beypore, where the signals will be hoisted by the Port Conservators, the Port Officer under whom they are immediately placed will instruct them by urgent telegram to hoist the warning and danger signals at the same time that they hoist them at their own ports. By this arrangement information respecting bad weather and direction relating to the hoisting of storm-signals will be communicated to the—

Port Conservator of— Calingapatam	By the Port Officer of Gopálpur.
Port Conservators of— Cuddalore, Porto Novo and Tranquebar.	By the Port Officer of Negapatam.
Port Conservators of— Cannanore and Tellicherry	By the Port Officer of Mangalore.
Port Conservator of— Beypore	By the Port Officer of Calicut.

4. It should be clearly understood that the duties of the Meteorological Reporters of Bombay and Calcutta are confined to furnishing as definite, full, and early information as possible of the character, position, course, probable time of approach, and varying phases of cyclonic storms to the Port Officers of all ports to which the cyclone will probably cause dangerous weather and a high sea. The responsibility of hoisting and taking down the storm-signals rests solely with the Port Officers. They will usually be guided mainly by the information received from the Meteorological Reporter; but if that information be insufficient or be delayed in transmission, or if telegraphic communication be suspended by breaks in the lines, the Port Officers will then be guided by the indications of the barometer, force of the wind, state of the sea, and general aspect of the weather.

5. A memorandum on the storm prognostics will be drawn up by the India Meteorological Office, and a copy communicated (as also all subsequent additions and alterations) to each Port Officer, to assist him in deciding when to hoist the storm-signals on the approach of a cyclonic storm, more especially in the case of failure of telegraphic communication, &c.

6. The storm signals to be employed are of two kinds—one for day use and the second for use at night. They are as follows:—

1st—Day Signals.

No. I.—Bad-weather or warning signal—*A ball.*
No. II.—Storm or danger signal—*A drum.*

2nd—Night Signals.

No. I.—Bad-weather or warning signal—*Three white lights arranged in a vertical line.*
No. II.—Storm or danger signal—*Two white lights arranged in a vertical line.*

The ball or *three white lights* when hoisted indicates that a cyclonic storm has formed which will probably advance to that part of the coast on which the port is situated, but is still at a considerable distance from it.

The drum or *two white lights* when hoisted indicate that a storm is approaching that part of the coast on which the port is situated, and will shortly cross it.

7. In order to facilitate and expedite the working of these arrangements, the Telegraph Department has granted the privilege of "Precedence urgency" to telegrams referring to stormy weather and the hoisting of storm-signals between the Meteorological Reporter of Calcutta and the following officers and Meteorological Superintendents:—

Cocanada.	Masulipatam.	Negapatam.
Gopálpur.	Madras.	Vizagapatam.

The names of other officers will be added to this list as found necessary for the proper working of the system.

Instructions for the preparation and despatch of the telegrams in proper form in order to secure priority of transmission to ordinary urgent messages will be sent by the India Meteorological Office to the various officers permitted to send them.

8. Copies of all telegrams despatched to Port Officers other than the Presidency Port Officer, Madras, relating to the approach of cyclonic storms, will be sent at the same time to the Presidency Port Officer, Madras, in order that he may be kept fully acquainted with the weather information and instructions communicated by the Meteorological Reporters to the Port Officers subordinate to him.

9. Whenever the Astronomer at Madras shall have reason to apprehend the advent of a gale or cyclone, he will at once, by telegram or otherwise, communicate warning to the Presidency Port Officer, and during the prevalence of such gale or cyclone, he will continue to give such information regarding its varying phases, as may be deemed by him to be of possible utility.

10. As cyclones, after passing over Southern India from east to west, have been known to be destructive to shipping on and beyond the West Coast, the Government Astronomer will communicate to the Presidency Port Officer his opinion regarding the inland direction and progress of any future cyclone, in order that timely warning of the apprehended danger may, when possible, be given to the local authorities along that coast, and may by them be given to the shipping.

11. The Presidency Port Officer, Madras, will communicate all meteorological information received during storms from the Government Astronomer, Madras, to the Calcutta Meteorological Reporter for his information.

12. Port Officers noting the appearance of suspicious weather before the receipt of any telegrams from the Meteorological Reporter in connection (or co-operating) with them, should communicate the information without delay to that officer.

13. All Port Officers receiving telegrams from the Meteorological Reporters during a storm should send a brief statement, after the cyclone has passed away, of the telegrams received from the Reporters and of the exact times when they were delivered by the Telegraph officers, &c.,

in order that the Meteorological Department may exercise an effective check over this part of the working of the system and secure the necessary rapidity of telegraphic communication required for the proper working of the system.

14. A copy of Circular marked A appended to this code will be furnished to the Commander of each vessel visiting the port between the 15th April and 1st June and also between the 15th September and the 31st December.

CHAPTER II.—GENERAL ARRANGEMENTS TO BE MADE AT MADRAS ON THE "WARNING," "DANGER," AND "WRECK" SIGNALS BEING DISPLAYED.

1. Each signal will be repeated at the Fort Flagstaff, and the Fort Signalman will immediately report the fact to the District Staff Officer.

2. Information respecting the hoisting of the "Warning," "Danger" and "Wreck" signal will be sent to the Chairman of the Harbour Trust Board and the Commissioner of Police by the Presidency Port Officer, and to all the Military departments concerned by the District Staff Officer.

CHAPTER III.—SPECIAL ARRANGEMENTS TO BE MADE AT MADRAS BY THE VARIOUS DEPARTMENTS.

SECTION 1.—ON THE WARNING SIGNAL BEING HOISTED.

NOTE.—This Signal signifies that all vessels are to be prepared to leave the harbour and the roadstead at short notice.

A. PORT DEPARTMENT.

1. The Chairman of the Harbour Trust Board will arrange that, on this signal being hoisted, the Deputy Conservator of the Port shall cause the Port life-saving apparatus to be prepared for immediate use and have the boat establishment warned to be in readiness, and further that the Deputy Conservator and his establishment shall be instructed to attend to any other arrangements which the Presidency Port Officer may consider necessary.

2. The Presidency Port Officer will cause the Chief Engineer for Irrigation to be informed that a cyclone may be expected.

B. MILITARY DEPARTMENT.

1. The Medical, Commissariat and Ordnance Departments will make the necessary arrangements in case of their services being required.

2. The Ordnance officer in charge of the Arsenal will make arrangements to have in readiness, for immediate service, one rocket party of Europeans with a detachment of store lascars.

C. POLICE DEPARTMENT.

Information will be at once circulated by the Commissioner of Police to the Divisional Inspectors, by whom beats will be immediately extended and other duties so arranged as to enable them to collect at their respective central stations certain forces which in all will amount to 200 men; and he will direct the Inspector of Marine Police immediately to place himself and his boat establishment at the disposal of the Presidency Port Officer and to attend to any order he may receive from the Port Department.

SECTION 2.—ON THE DANGER SIGNAL BEING HOISTED.

NOTE.—This signal signifies that vessels at anchor are advised to proceed to sea at once, and that remaining at anchor is attended with the greatest danger.

A. PORT DEPARTMENT.

1. The Chairman of the Harbour Trust Board will instruct the Deputy Conservator of the Port that, on this signal being hoisted, the boat and catamaran men of the Port should be assembled at the Port Office and held in readiness to carry out the orders of the Presidency Port Officer.

2. The Pier establishment will be at once placed by the Chairman of the Harbour Trust Board at the disposal of the Presidency Port Officer.

B. MILITARY DEPARTMENT.

On this signal being hoisted, seven guns will be fired from the salient of the North-east Demi-Bastion, with an interval of five minutes between each gun.

C. POLICE DEPARTMENT.

The Commissioner of Police will arrange for all available police reserves to be in readiness to proceed to the beach, should their services be required.

SECTION 3.—WRECK ARRANGEMENTS.

When the Presidency Port Officer deems that imminent danger of wreck has arisen, he will order the following signal to be made:—

By day—A cone apex downwards.
By night—A red light at the masthead of the Flagstaff.

And upon this each of the undermentioned Departments shall make the arrangements detailed below:—

A. PORT DEPARTMENT.

1. The Port life-saving apparatus to be taken to the beach and worked either independently or in co-operation with the Ordnance rocket parties under arrangements to be made by the Presidency Port Officer.

NOTE.—All officers of the Port Department to appear in uniform.

2. The Presidency Port Officer will point out to the Ordnance rocket parties those ships which first require assistance; to the senior officer of the troops, where and how the military working parties can be most usefully employed; and to the senior officer of police, where his men are likely to be most needed.

B.—MILITARY DEPARTMENT.

Troops in Garrison.

1. The Fort Flagstaff will repeat the signal, and the District Staff Officer will have two guns fired in quick succession from "St. George's Bastion," which will be twice repeated at intervals of three minutes.

2. The District Staff Officer will send intimation to the Officer Commanding Regiments in Garrison and to the Ordnance, Medical and Commissariat Departments, and the following arrangements will be carried out:—

(*a*) Two mounted non-commissioned officers and six troopers of His Excellency the Governor's Body Guard will proceed to the Fort and place themselves under the orders of the District Staff Officer. They will be used as orderlies as occasion may require, and when not actually wanted will be kept as much under shelter as convenient. Twelve additional men of the Body Guard will remain in their lines with their horses saddled in case their services as patrols may be needed to watch ships driving to points at some distance from the Fort, and to convey prompt intelligence of wreck or applications for aid along the extended line of beach to the Officers Commanding Troops and other authorities on the spot.

(*b*) The Royal Artillery and British Regiment garrisoning the Fort will fall in, in fatigue dress, and working parties will be detailed and promptly despatched to the scene of action as required by the Presidency Port Officer. Before, however, the working parties leave the Fort, inquiry will be made at the Arsenal as to whether any assistance in men from the Royal Artillery is required to supplement the Ordnance rocket parties; and application will, under the order of the Officer Commanding Troops in Garrison, be made at the Arsenal for a supply of boat or fire hooks, ropes of moderate length and thickness, grappling irons, &c. (to be kept in readiness in a fixed spot in the Arsenal together with the life-saving apparatus referred to in Section IV below), which will be under charge of the Officers Commanding the working parties, and will be used in saving life and property from the surf. Lanterns will also be applied for should the wrecks take place at night.

(*c*) The Native Infantry in garrison will be restricted to their respective lines and await further orders.

3. The Officers Commanding working parties will consult with the officers of the Port Department on the spot as to where and how the services of their men can be most usefully employed, and the advice of the officers of the Port Department will be met with marked attention.

4. The action of the troops will be mainly directed towards saving life and property and aiding the Police in keeping the guard or in any way as may be required.

5. Arrangements will be made for the relief, food, &c., of working parties by the regiments and departments concerned.

6. The Officer Commanding Troops in Garrison will make emergent requisition on the Ordnance Officer in charge of the Arsenal for such tents as may be required to shelter shipwrecked people.

Ordnance Department.

1. The Warrant and Non-commissioned Officers of the department detailed to attend with the life-saving apparatus will proceed with their respective parties as speedily as possible to the point or points where their services are most urgently required. These points and the ships to which the aid is to be first given will be decided by the Port Department. If rockets

are used in the rescue of any ship's crew, the whole apparatus attached to the rocket cart will, under ordinary circumstances, be employed and will be worked by the men of the Ordnance Department.

2. Two trollies drawn by mules have been ordered on occasions of wreck to be placed at the disposal of the Ordnance Officer in charge of the Arsenal by the Commissariat Department. They are intended to be used for the conveyance of rocket apparatus, hawsers, &c., should any wreck or wrecks take place at a distance from the Fort, such as St. Thomé or the Adyar; but should they not be required for this purpose, they may be employed, under the orders of the aforesaid officer, for any other necessary use connected with wreck work.

3. The Ordnance Officer in charge of the Arsenal will, in communication with the Officer Commanding the District, arrange for the instruction of detachments of the Battery of Royal Artillery in the use of the rocket and life-saving apparatus.

4. He will apply to the District Staff Officer or Officer Commanding Royal Artillery, Fort, for any aid in men which he may emergently require in case of a cyclone.

5. When hawsers are necessarily left attached to wrecks, the Senior Ordnance Officer will inform the Police of the fact.

6. The Ordnance Officer in charge of the Arsenal will, in cases of wreck, promptly comply with emergent requisitions for tents for the shelter of shipwrecked people, without waiting for sanction from any superior authority. Should the officer in charge be absent from the Arsenal, the same power may be exercised by the Warrant Officer in charge of Camp Equipage.

7. All officers, warrant and non-commissioned officers, and store lascars will be in uniform on wreck occasions.

NOTE.—The Ordnance Officer in charge of the Arsenal will be responsible that three sets of life-saving apparatus, with rockets, &c., complete, are at all times kept packed in carts ready for use in the arcade of the Arsenal, and that the warrant and non-commissioned officers of the department are told off into rocket parties, and are instructed and periodically drilled to the practical use of the whole apparatus.

Commissariat and Transport Departments.

1. On intimation being received from the District Staff Officer of imminent danger to shipping or on the "Wreck signal" being heard, two trollies drawn by mules will immediately proceed under a Staff Serjeant to the Arsenal and there await the orders of the Ordnance Officer.

2. Two other trollies, drawn by mules, each under care of a warrant or non-commissioned officer, and each containing an assortment (which will be always held in readiness in waterproof covers or cases) of blankets, towels, flannel banians, flannel drawers, biscuits, brandy, water and drinking vessels, will be taken in the first place to the Port Office, and thence, as directed by the Presidency Port Officer, to the scenes of shipwreck, where the contents will, if required, be issued and used for the relief of shipwrecked persons under the orders of the directing Medical, Military or Port Department officers present.

3. The Executive Commissariat Officer, Transport section, will attend to the instructions contained in paragraph 4 of rules laid down for the Medical Department. As many sets of bearers as are available, with hammocks slung on poles, will at the same time be sent to the beach and will be placed at the disposal of the officers concerned.

4. During the cyclone season, a certain number of transport attendants will be detailed daily for duty in case of need, and these men will remain at the Transport depôt at night.

5. The Executive Commissariat Officer, Transport section, will also despatch a supply of draught bullocks with drivers to the Ordnance Officer in charge of the Arsenal or to the Transport lines, Pudupet, for sick carts, which will be taken to the beach as soon as the violence of the weather permits, and placed at the disposal of the said officer.

6. The four trollies drawn by mules referred to in paragraphs 1 and 2 above, together with as many ambulance carts, with cattle, as there is room for, will be kept day and night at the Transport stables, North Beach.

C. POLICE DEPARTMENT.

1. On the Inspector of Marine Police seeing the wreck signal, or being informed by the Port authorities of imminent danger of wrecks occurring, he will promptly send intelligence to the Commissioner of Police, who will distribute marching orders to the divisional parties. Unless special circumstances should require a change of arrangements, the F and G Divisions and Reserve will assemble under the Reserve Inspector at the Commissioner's Office and await further orders. The B, H and C Divisions will be marched without delay to the Pier under the Deputy Commissioner. The D Division will be marched to the Beach near the Fort, and the E Division to the Ice House. Each party will be accompanied by two sowars or mounted men.

2. Should the services of the Police not be at once required, the party at the Pier will be sheltered in the verandah of the Custom House; that at the Fort in the arcade of the Arsenal; and that at the Ice House at the Inspector-General's Office.

3. The entire Police Force will be under the Commissioner, who will consult the Port Officers on the spot as to where the services of his men are likely to be emergently required. The Commissioner will issue whatever detailed orders may be requisite.

4. The Police will be mainly restricted to their own proper duties, *i.e.*, the maintenance of order; protecting personal or other property washed on shore; supervising the conveyance of the shipwrecked crews and passengers to the nearest shelter, and to hospital if necessary; bringing back the hammocks, doolies, and sick-carts; guarding or removing the dead, &c. They are not to be employed in hauling ropes or recovering wreckage or cargo save in emergent circumstances, when there are no military or other working parties on the spot or when such parties are insufficient for this work.

5. The Commissioner of Police will see that duties are so apportioned as to enable the men to be relieved from the reserves as frequently as circumstances may render requisite.

6. All officers and men will be in uniform.

D. MEDICAL DEPARTMENT.

1. The District Staff Officer will send intimation to the Deputy Surgeon-General, Eastern District, the Fort Surgeon, the Resident Surgeon at the General Hospital, and the Surgeon, 1st District. The Resident Surgeon will warn the following officers:—

The Surgeon,
" 2nd Surgeon,
" Physician,
" Assistant Physician,
} of the General Hospital.

2. On hearing the guns of the "Wreck signal," or on receipt of intimation from the District Staff Officer, these Medical officers (except those named in para. 3 below), taking with them a portion of their establishments and the medicines and surgical appliances which have been detailed by their departmental head, will forthwith proceed to the beach, and, in consultation with the senior Port Department and Military officers on the spot, will distribute themselves to the various scenes of wreck or apprehended wreck, as occasion may require.

3. The Physician and Resident Surgeon of the General Hospital will remain at the institution, and the Surgeon, 1st District, at the Monegar Choultry, to receive and afford medical aid to all such as may be sent there from the beach for treatment.

4. The Executive Commissariat Officer, Transport section, will despatch to the beach as many sets of bearers as are available, with doolies, muncheels or dandies, to be placed at the disposal of the directing Military, Medical, or Port Department officers present.

FORT ST. GEORGE,
23*rd October* 1888.

(Signed) J. F. PRICE,
Ag. Chief Secretary.

CIRCULAR A.

I. *The Warning Signal.*—During the prevalence of suspicious or threatening weather, or on the "*Warning signal*" being hoisted, Commanders of vessels at anchor within the limits of this port are required to attend to the following directions:—

(*a*) Not to be absent from their respective vessels between sunset and sunrise.

(*b*) To keep their respective vessels prepared in every respect to proceed to sea at short notice.

WARNING SIGNAL.

Day—A ball.
Night—Three white lights arranged in a vertical line.
Note.—The ball or three white lights when hoisted indicates that a cyclonic storm has formed which will probably advance to that part of the coast on which the port is situated, but is still at a considerable distance from it.

II. *The Danger Signal.*—On the danger signal being hoisted, all vessels in the harbour will proceed outside at once, and Commanders are advised that no further instructions as to the course each Commander should pursue in respect to the safety of his vessel will be furnished by the Port Department.

DANGER SIGNAL.

Day—A drum.
Night—Two white lights arranged in a vertical line.
Note.—The drum or two white lights when hoisted indicates that a storm of considerable magnitude is approaching that part of the coast on which the port is situated, and will shortly cross it.

NOTE.—Commanders need not wait for instructions from the Presidency Port Officer or the Deputy Conservator of the Port to leave the harbour, should they deem it prudent to proceed to sea *before* the "Danger signal" is hoisted.

III. In the event of wreck occurring, should it be observed that the rocket apparatus is not at once forthcoming, a line should be *immediately* sent on shore from the vessel by some kind of buoy, or other handy means, to which the tail block and double line will be attached by those on shore, or signals made, if possible, as to what other steps must be carried out.

PORT OFFICE,
MADRAS, *October* 1888.

Presidency Port Officer.

Exd. A. Raitt.

Order thereon

W 3507 W 975-11.88.

Communicated
to the Supdg Engr V Circle
& the Chief Engr for Irrign.
(Sd) H. R. M
W.

Govt. of {1888} Madras.

MARINE.

Issued

Recd. *Encl.*

G.O., &c., 23rd October 1888,
Nos. 494, 495.

OCTOBER.

S.E. V Circle.
C.E. for I.

Cyclone Code.

Ordering the publication in the *Fort St. George Gazette* of the — as finally revised, and forwarding copy of these Proceedings to the Government of India.

with order

23rd July 1888, No. 2239 W., Public Works.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Letter—from

Colonel J. O. HASTED, R.E.,
Secretary to the Government of Madras,
Public Works Department.

To

The Secretaries to the Governments of Bombay, Bengal, the North-Western Provinces and Oudh and the Punjab, Public Works Department.
The Chief Commissioners, Central Provinces, Burma, Assam and Coorg.
The Residents at Hyderabad and Mysore.
The Agents to the Governor-General for Central India, Rajputana and Biluchistan.
The Superintendent of Port Blair and Chief Commissioner, Andaman and Nicobar Islands.
The Director-General of Telegraphs.
The Inspector-General of Military Works.
The Director-General of Railways.

Sir,

With reference to the Government of India Resolution No. XI, Public Works, dated 20th December 1887, I am directed to forward a printed list of Public Works stores available at Madras for transfer.

I have the honor to be,
Sir,
Your most obedient servant,

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

Ootacamund,
23rd July 1888.

Exd. F. R. Bantleman.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated July, 23rd.

Recd. *Encl.*

23rd July 1888, No. 2239 W.

JULY.

Surplus Stores

Forwarding a printed list of Public Works stores available at Madras for transfer.

No. 3671

FROM

F. J. Johnstone, Esqre;

Secretary to the Chief Commissioner of Assam,

in the Public Works Department,

To

THE SECRETARY TO THE GOVERNMENT OF ~~INDIA~~, Madras

IN THE PUBLIC WORKS DEPARTMENT.

Dated SHILLONG, *the* 15th October 1888.

Surplus Stores at Madras for transfer.

ASSAM PUBLIC WORKS.

SIR,

With reference to your letter No 2239 W dated the 27th July 1888 forwarding a printed list of Surplus Stores available for transfer, I am directed to request that you will be good enough to forward to the Portstore Keeper at Calcutta to whom further instructions will be sent direct from this office the Road tracer item No 25 in the list and also the undermentioned tools:—

2	Brass tamping bars	1½" hole	3' long
3	do	1" "	3' "
2	do	1" "	5' "
1	Copper priming needle.		

A. S. Press (P. W. D.) No. 110—500—14-3-88.

SECRETARY TO GOVERNMENT * 25 OCT 88 * P.W. DEPARTMENT, MADRAS.

I am to add that the Examiner Public Works Accounts Assam will be requested to accept the necessary transfer adjustments.

I have the honor to be,
Sir
Your most obdt. Servant,
J. P. Johnstone
Secretary to the Chief
Commr. of Assam P.W.D.

Ho 223gw - 23.7.88.

Mcl 10841 ✓

Ry 25/10/88

Ho 3508w 9/5 Ho 708.

B

Communicated to
the S.E. V Circle,
in reply to the Genl.
Supt. P.W. Stores being
instructed accordingly.

25.10.88

2/11/88

S.E. V Circle ✓
S.E. V Circle
Ex: P.W. Circle:
Ex: P.W. Circle

Cir

Ho 13/11