P.W.
~~Marine~~ (1898) Department.

G.O., No. 2843/A W

DATED 8th Nov/98

[Despatch Abstract.]

Delay in Complying with indents for Stores

Directing with remarks, ~~Ordered~~ that a Statement showing the period taken between the despatch of Indents from Madras in 1897 & the receipt of the Stores during the months from January to August 98, be forwarded to the Secy of State

Forwarding, with remarks, a Statement showing the period taken between the despatch of Indents from Madras in 1897 & the receipt of Stores during the months from January to August 98.

Jd. 21/11

[M 5. / 3,000—23-10-98.]

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

GENERAL.
ACCOUNT.

Government {1898} of Madras.
PUBLIC WORKS.

Recd. } 1898. *Enclosures*

Regd. *Spare copies*

G.O., No. $\frac{2843}{A}$ W., 8th November 1898.

NOVEMBER.

Delay in Complying with Indents for Stores

Directing, with remarks, that a statement showing the period taken between the despatch of indents from Madras in 1897 and the receipt of the stores during the months from January to August 1898, be forwarded to the Secretary of State.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following papers:—

From the Superintending Engineer, V Circle, dated 9th Feb. 1898, No. 85.
" " " V " " 9th Mar. " " 165 W.
" " " V " " 16th Apr. " " 254 W.
" " " V " " 25th May " " 352 W.
" " " V " " 11th June " " 379 W.
" " " V " " 15th July " " 462 W.
" " " V " " 11th Aug. " " 525 W.
" " " V " " 13th Sept. " " 576 W.

Order—No. $\frac{2843\text{ W.}}{\text{A}}$, dated 8th November 1898.

The papers above recorded contain statements, submitted by the General Superintendent, Public Works Stores, showing the dates of arrival at Madras during the months from January to August 1898, of stores for the Public Works Department indented for from England in the year 1897. From the returns, a consolidated statement has been prepared in the Secretariat, containing additional columns, giving the dates of despatch of the indents from Madras and the interval between those dates and the time of the arrival of the stores at Madras.

2. The statement excludes all items, so far as they can be identified, which were delayed in despatch in consequence of references to this Government regarding them having had to be made by the Director-General of Stores. In future statements, the General Superintendent will quote, in the remarks column against the items concerned, the number and date of any such preliminary inquiries which may be made by the India Office.

3. The statement now drawn up will be forwarded to the Secretary of State with the following despatch.

[Here enter No. $\frac{3}{\frac{2843\text{ W.}}{\text{A}}}$, dated 8th November 1898.]

(True Extract.)

(Signed) W. B. deWinton,
Secretary to Government.

To the Superintending Engineer, V Circle.

Exd. T. K. Narayana Aiyangar.

Statement showing the time taken between the despatch from Madras of indents for stores and the receipt from England of the stores indented for.

Month and date of arrival of English stores.	Name of steamers.	Port of shipment.	Number and date of indent.		Date on which indent left Madras.	Contents of packages.		Period between date of despatch of indent and receipt of stores.	Remarks.
			No.	Date.					
3rd January 1898.	S.S. "Clan Monroe" ..	London ..	1	11th January 1897.	4th March 1897.	Blocks, iron, galvanized ..	1 case ..	9 months and 30 days.	
						Nuts, iron, block, hexagon ..	2 casks ..		
4th " "	S.S. "City of Dublin".	Do. ..	1	11th " "	4th " "	Enamelled iron gauges ..	6 cases ..	10 months.	
						Stone oil, Turkey	....		
17th " "	S.S. "Ameer" ..	Do. ..	1	11th " "	4th " "	Iron, Swedish, flat	5 bundles ..	10 months and 13 days.	
						Do. round	10 " ..		
24th " "	S.S. "Mombassa" ..	Do. ..	7	18th June "	11th August "	Channels, steel	170 loose ..	5 months and 13 days.	
8th February "	S.S. "Rewa" ..	Do. ..	1	11th January "	4th March "	Planes, trying and jack, with iron.	1 case ..	11 months and 4 days.	
						Irons for plane double and planes smoothing with double iron.	1 " ..		
						Bolts, door, iron, light ..	1 " ..		
						Iron gauges	13 cases ..		
						Tapes, measuring, 6′ long ..	1 case ..		
8th " "	S.S. "Clan Matheson".	Do. ..	1	11th " "	4th " "	Nuts, iron, block, hexagon ..	1 cask ..		
						Rivets, iron, pan head	4 casks ..		
						Wire, steel, hard	1 bundle ..		
						Iron, flat, loose	46 bars ..		
						Angle iron	83 " ..		
						Flat iron bundles	112 bundles ..		
						Square iron bundles	40 " ..		
						Round do.	18 " ..		
						Angle do.	35 " ..		
						Sheets, iron	12 " ..		
						Do. loose	108 sheets ..		
						Chain, iron, short link ..	2 casks ..		
20th " "	S.S. "Golconda" ..	Do. ..	1	11th " "	4th " "	Chesterman's tapes	1 case (with other stores).	11 months and 16 days.	
			3	29th May "	14th July "	Cement-testing machines ..	2 cases ..	7 months and 6 days.	
6th March "	S.S. "Ghoorka" ..	Do. ..	4	19th July "	22nd Sept. "	Patent tube cutter and wrench combined, patent chain pipe, wrench screws, plates, &c.	1 case ..	5 months and 12 days.	
						Saws, sets, compasses, carpenters' adges, carpenters' hookbills, &c	1 case ..		
						Coal tar refined	7 casks ..		
						Light oak and chocolate ..	20 drums ..		
15th " "	S.S. "Clan Grant" ..	Do. ..	11	21st " "	22nd " "	Steel plates	336 loose ..	5 months and 21 days.	
						Steel sheet	10 " ..		
						Flat iron	128 bars ..		
						Chains, iron, in length ..	7 loose ..		
			8	19th " "	22nd " "	Pig iron	T. CWT. QRS. LBS. 29 19 2 19		

Statement showing the time taken between the despatch from Madras of indents for stores and the receipt from England of the stores indented for—*cont.*

Month and date of arrival of English stores.	Name of steamers.	Port of shipment.	Number and date of indent.		Date on which indent left Madras	Contents of packages.		Period between date of despatch of indent and receipt of stores.	Remarks
			No.	Date.					
19th March 1898.	S.S. "Manora".	London	1	11th January 1897.	4th March 1897.	Monkeys, wrenches, screws coach.	1 case	1 year and 15 days.	
						Planes, jack with iron	1 ,,		
						Locks with duplicate keys, drawers and box with 4′ lever.	1 ,,		
			4	19th July ,,	22nd Sept. ,,	Steam gauges, &c.	1 ,,	5 months and 25 days.	
						Vice bench standing, &c.	1 ,,		
			8	19th ,, ,,	22nd ,, ,,	Compasses, prismatic, &c.	1 ,,		
						Stands for above	1 ,,		
						Mamooties	31 casks		
			11	21st ,, ,,	22nd ,, ,,	Delta metal No. 1	320 ingots		
21st ,, ,,	S.S. "Clan Robertson"	Do.	4	19th ,, ,,	22nd ,, ,,	Grinding stone	3 crates	5 months and 27 days.	
			8	19th ,, ,,	22nd ,, ,,	Pickaxes	26 casks		
						Mamooties	18 ,,		
			22	24th Nov. 1896.	4th March ,,	Gauges to ascertain the rain off from the catchment basin of rivers and streams.	18 cases	1 year and 18 days.	
			11	21st July 1897.	22nd Sept. ,,	Chains, iron, short link	13 loose	5 months and 27 days.	
29th ,, ,,	S.S. "Cransay"	Do.	1	11th Jan. ,,	4th March ,,	Rivets, iron	8 casks	1 year and 25 days.	
						Planes, jack, with 2½″ iron Planes, smooth, with 2½″ iron	1 case		
			1	11th ,, ,,	4th ,, ,,	Brass locks	1 ,, safety		
6th April ,,	S.S. "Matiana"	Do.	1	11th ,, ,,	4th ,, ,,	Files, of sizes	5 cases	1 year, 1 month and 2 days.	Owing to this delay, 24 files of sizes were purchased locally on 1st March 1898 for work in the Instrument Department of the Workshops.
			4	19th July ,,	22nd Sept. ,,	Leather belting	1 case	6 months and 15 days.	
						Brushes, Varnish Camel hair, Buckets, iron, galvanized.	2		
			11	21st ,, ,,	22nd ,, ,,	Rolled steel joists	72 loose	6 months and 15 days.	Great inconvenience was caused by delay in receipt of these.
			10	11th August ,,	15th Oct. ,,	New lamps of the pattern No. 6, Cathedral lamp, &c.	1 cask	5 months and 22 days.	
						Globes, chimneys, wicks for above.	1 ,,		
8th ,, ,,	S.S. "Clan Cameron"	Do.	4	19th July ,,	22nd Sept. ,,	Fine bricks	3,500 loose	6 months and 17 days.	Do. do.
						Pully blocks	2 cases		
			8	19th ,, ,,	22nd ,, ,,	Weighing machines	3 ,,		
						Pickaxes	13 casks		
			11	21st ,, ,,	22nd ,, ,,	Iron, flat	38 bars		
						Steel, round	76 bars		
						Do. angle, of various sizes	527 ,,		
						Do. ties do.	440 ,,		
			1	11th Jan. ,,	4th March ,,	Nuts, iron, block, hexagon	1 case	1 year, 1 month and 4 days.	—

Statement showing the time taken between the despatch from Madras of indents for stores and the receipt from England of the stores indented for—*cont.*

Month and date of arrival of English stores.	Name of steamers.	Port of shipment.	Number and date of indent.		Date on which indent left Madras.	Contents of packages.		Period between date of despatch of indent and receipt of stores.	Remarks.
			No.	Date.					
21st April 1898	S.S. "Clan Monroe"	London	4	19th July 1897	22nd Sept. 1897	Corrugated galvanized iron sheets	51 crates	6 months and 30 days.	
						Blocks	1 case		
			8	19th ,, ,,	22nd ,, ,,	Mamooties	2 casks		
						Pickaxes	18 ,,		
22nd ,, ,,	S.S. "Umballa"	Do.	11	21st ,, ,,	22nd ,, ,,	Delta metal No. 1 rods	8 cases	7 months.	On account of the late arrival of these, there was great delay and some extra expense in the Grand Anicut shutter work. In several of the shutters, castings had to be substituted for channel irons to avoid delay.
						Channels, of sizes	122 loose		
5th May 1898	S.S. "Clan Macdonald".	Do.	8	19th ,, ,,	22nd ,, ,,	Pickaxes, steel	10 casks	7 months and 13 days.	
6th ,, ,,	S.S. "City of Dublin".	Do.	4	19th ,, ,,	22nd ,, ,,	Square carpenters' plated 9″ blades, brass ratches with bits, &c., turn screws 6″ blades, &c.	1 case	7 months and 14 days.	Some files had to be locally purchased owing to delay in arrival.
						Files, of sizes	10 cases		
						Vices parallel machine jaw	1 case	1 year, 2 months and 2 days.	
			1	11th Jan. ,,	4th March ,,	Brass locks, 6″ lever	1 ,,		
20th May ,,	S.S. "Clan Ross"	Do.	4	19th July ,,	22nd Sept. ,,	Blocks, iron, galvanized	3 cases	8 months and 23 days.	There was some correspondence about the arrangements for the supply of Stoney's sluice; but it is reported that the materials for the screen were only common stock sizes of iron and required no work to be done on them before despatch.
31st ,, ,,	S.S. "Rewa"	Do.	9	29th ,, ,,	8th ,, ,,	Skin and chequer plates for gate and platform.	7 plates		
						Channels	2 loose		
						C.I. tubes screwed	2		
						Top, front, bottom and back groove castings.	10 loose		
						Counter balance box revetted	1 tank		
						W. I. frame for platform	1 loose		
						Roller gate beams	2 ,,		
						Bundles of round bars	9 bundles.		
						Do. of flat do.	1 bundle		
						Tubes cast for screwed shaft	2 bundles		
						Shield plates	1 bundle		
						Cases containing small articles	11 bundles		
11th June ,,	S.S. "Golconda"	Do.	4	19th ,, ,,	22nd ,, ,,	G. M. with screwed ends, &c., backnuts, &c.	1 case	8 months and 20 days.	The Grand Anicut work was much delayed on account of the nonreceipt of this iron within a reasonable time.
		Do.	11	21st ,, ,,	22nd ,, ,,	Steel channels 18 × 6″ × 3″ × ⅜″ for Grand Anicut, Tanjore.	36 loose		

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

(Copy.)

LETTER to the Right Honourable the Secretary of State for India.

No. $\cfrac{3}{\cfrac{2843\text{ W.}}{\text{A}}}$, dated 8th November 1898.

FORWARDING, with remarks, a statement showing the period taken between the despatch of indents from Madras in 1897 and the receipt of stores during the months from January to August 1898.

No. $\frac{\frac{3}{2843\ \text{W.}}}{\text{A}}$, 8th November 1898.

PUBLIC WORKS DEPARTMENT.

Letter—to

The Right Honourable the SECRETARY of STATE for INDIA.

My Lord,

We have the honour to refer your Lordship to correspondence ending with your Lordship's Public Works (Stores) despatch No. 1, dated 26th November 1896. Our letter No. $\frac{22}{2661}$ W., dated 18th September 1896, to which that despatch was a reply, brought to notice the delay which occurred in England in complying with indents from this country for stores for our Public Works Department, and we then laid before your Lordship a statement, prepared by our General Superintendent of Public Works Stores, giving typical instances of such delay. As remarked by the Director-General, that statement was not prepared with sufficient care, as the stores about which complaint was made should have been specified, and the dates of despatch from Madras of the various indents should have been quoted. We regret that it was not drawn up in a more intelligible form.

2. We now have the honour to forward a statement showing the period taken between the despatch of indents from Madras in 1897 and the receipt of the stores during the months from January to August 1898. In paragraph 3 of your Lordship's despatch the ordinary limit fixed for the despatch of stores was five months, and only items that have taken longer than that time have been included; and those articles regarding which references were made to Madras by the India Office, and delay in the supply of which was probably caused by such inquiries, have been excluded. In the remarks column of the statement, a brief note has been made of the inconvenience entailed in certain cases by late arrival of stores.

3. It will be seen that many of the items were under supply for over seven months, and that in several cases more than a year elapsed between the date of the indent and that of receipt of the stores in this country. Complaints are still frequent from our Public Works officers of the delays which unavoidably occur in the execution of works owing to the late receipt of English supplies, and we trust that it will be found possible to make arrangements to secure greater despatch in this matter.

We have the honour to be,

My Lord,

Your Lordship's most obedient, humble servants,

(Signed) A. E. HAVELOCK.

(„) H. W. BLISS.

(„) A. T. ARUNDEL.

Fort St. George,
8th November 1898.

STATEMENT showing the time taken between the despatch from Madras of indents for stores and the receipt from England of the stores indented for.

Month and date of arrival of English stores.	Name of steamers.	Port of shipment.	Number and date of indent.		Date on which indent left Madras.	Contents of packages.		Period between date of despatch of indent and receipt of stores.	Remarks.
			No.	Date.					
1	2	3	4	5	6	7	8	9	10.
3rd January 1898.	S.S. "Clan Monroe" ..	London ..	1	11th January 1897.	4th March 1897.	Blocks, iron, galvanized ..	1 case ..	9 months and 30 days.	
						Nuts, iron, block, hexagon ..	2 casks ..		
4th ,, ,,	S.S. "City of Dublin".	Do. ..	1	11th ,, ,,	4th ,, ,,	Enamelled iron gauges ..	6 cases ..	10 months.	
						Stone oil, Turkey	....		
17th ,, ,,	S.S. "Ameer" ..	Do. ..	1	11th ,, ,,	4th ,, ,,	Iron, Swedish, flat	5 bundles ..	10 months and 13 days.	
						Do. round	10 ,, ..		
24th ,, ,,	S.S. "Mombassa" ..	Do. ..	7	18th June ,,	11th August ,,	Channels, steel	170 loose ..	5 months and 13 days.	3 months + 13 days
8th February ,,	S.S. "Rewa" ..	Do. ..	1	11th January ,,	4th March ,,	Planes, trying and jack, with iron.	1 case ..	11 months and 4 days.	
						Irons for plane double and planes smoothing with double iron.	1 ,, ..		
						Bolts, door, iron, light ..	1 ,, ..		
						Iron gauges	13 cases ..		
						Tapes, measuring, 6′ long ..	1 case ..		
8th ,, ,,	S.S. "Clan Matheson".	Do. ..	1	11th ,, ,,	4th ,, ,,	Nuts, iron, block, hexagon ..	1 cask ..		
						Rivets, iron, pan head	4 casks ..		
						Wire, steel, hard	1 bundle ..		
						Iron, flat, loose	46 bars ..		
						Angle iron	83 ,, ..		
						Flat iron bundles	112 bundles ..		
						Square iron bundles	40 ,, ..		
						Round do.	18 ,, ..		
						Angle do.	35 ,, ..		
						Sheets, iron	12 ,, ..		
						Do. loose	108 sheets ..		
						Chain, iron, short link ..	2 casks ..		
20th ,, ,,	S.S. "Golconda" ..	Do. ..	1	11th ,, ,,	4th ,, ,,	Chesterman's tapes	1 case (with other stores).	11 months and 16 days.	
			3	29th May ,,	14th July ,,	Cement-testing machines ..	2 cases ..	7 months and 6 days.	
6th March ,,	S.S. "Ghoorka" ..	Do. ..	4	19th July ,,	22nd Sept. ,,	Patent tube cutter and wrench combined, patent chain pipe, wrench screws, plates, &c.	1 case ..	5 months and 12 days.	3 months + 12 days
						Saws, sets, compasses, carpenters' adges, carpenters' hookbills, &c.	1 case ..		
						Coal tar refined	7 casks ..		
						Light oak and chocolate ..	20 drums ..		
15th ,, ,,	S.S. "Clan Grant" ..	Do. ..	11	21st ,, ,,	22nd ,, ,,	Steel plates	336 loose ..	5 months and 21 days.	3 months + 21 days
						Steel sheet	10 ,, ..		
						Flat iron	128 bars ..		
						Chains, iron, in length ..	7 loose ..		
			8	19th ,, ,,	22nd ,, ,,	Pig iron	T. CWT. QRS. LBS. 29 19 2 19		

Statement showing the time taken between the despatch from Madras of indents for stores and the receipt from England of the stores indented for—*cont.*

Month and date of arrival of English stores.	Name of steamers.	Port of shipment.	Number and date of indent.		Date on which indent left Madras.	Contents of packages.		Period between date of despatch of indent and receipt of stores.	Remarks
			No.	Date.					
19th March 1898.	S.S. "Manora"	London	1	11th January 1897.	4th March 1897.	Monkeys, wrenches, screws coach.	1 case	1 year and 15 days.	
						Planes, jack with iron	1 ,,		
						Locks with duplicate keys, drawers and box with 4′ lever.	1 ,,		
			4	19th July ,,	22nd Sept. ,,	Steam gauges, &c.	1 ,,	5 months and 25 days.	5 months & 25 days
						Vice bench standing, &c.	1 ,,		
			8	19th ,, ,,	22nd ,, ,,	Compasses, prismatic, &c.	1 ,,		
						Stands for above	1 ,,		
						Mamooties	31 casks		
21st ,, ,,	S.S. "Clan Robertson"	Do.	11	21st ,, ,,	22nd ,, ,,	Delta metal No. 1	320 ingots		
			4	19th ,, ,,	22nd ,, ,,	Grinding stone	3 crates	5 months and 27 days.	3 months + 27 days
			8	19th ,, ,,	22nd ,, ,,	Pickaxes	26 casks		
						Mamooties	18 ,,		
			22	24th Nov. 1896.	4th March ,,	Gauges to ascertain the rain off from the catchment basin of rivers and streams.	18 cases	1 year and 18 days.	
			11	21st July 1897.	22nd Sept. ,,	Chains, iron, short link	13 loose	5 months and 27 days.	4 months + 27 days
29th ,, ,,	S.S. "Cransay"	Do.	1	11th Jan. ,,	4th March ,,	Rivets, iron	8 casks	1 year and 25 days.	
						Planes, jack, with 2½″ iron Planes, smooth, with 2½″ iron	1 case		
6th April ,,	S.S. "Matiana"	Do.	1	11th ,, ,,	4th ,, ,,	Brass locks	1 ,, safety		
			1	11th ,, ,,	4th ,, ,,	Files, of sizes	5 cases	1 year, 1 month and 2 days.	Owing to this delay, 24 files of sizes were purchased locally on 1st March 1898 for work in the Instrument Department of the Workshops.
			4	19th July ,,	22nd Sept. ,,	Leather belting	1 case	6 months and 15 days.	4 months + 15 days
						Brushes, Varnish Camel hair, Buckets, iron, galvanized.	2		
			11	21st ,, ,,	22nd ,, ,,	Rolled steel joists	72 loose	6 months and 15 days.	Great inconvenience was caused by delay in receipt of these. 4 months + 15 d
			10	11th August ,,	15th Oct. ,,	New lamps of the pattern No. 6, Cathedral lamp, &c.	1 cask	5 months and 22 days.	3 months + 22 days
						Globes, chimneys, wicks for above.	1 ,,		
8th ,, ,,	S.S. "Clan Cameron"	Do.	4	19th July ,,	22nd Sept. ,,	Fine bricks	3,500 loose	6 months and 17 days.	Do. do. 4 months + 17 days
						Pully blocks	2 cases		
			8	19th ,, ,,	22nd ,, ,,	Weighing machines	3 ,,		
						Pickaxes	13 casks		
			11	21st ,, ,,	22nd ,, ,,	Iron, flat	38 bars		
						Steel, round	76 bars		
						Do. angle, of various sizes	527 ,,		
						Do. ties do.	440 ,,		
			1	11th Jan. ,,	4th March ,,	Nuts, iron, block, hexagon	1 case	1 year, 1 month and 4 days.	

Statement showing the time taken between the despatch from Madras of indents for stores and the receipt from England of the stores indented for—*cont.*

Month and date of arrival of English stores.	Name of steamers.	Port of shipment.	Number and date of indent.		Date on which indent left Madras.	Contents of packages.		Period between date of despatch of indent and receipt of stores.	Remarks.
			No.	Date.					
21st April 1898	S.S. "Clan Monroe"	London	4	19th July 1897	22nd Sept. 1897	Corrugated galvanized iron sheets	51 crates	6 months and 30 days.	5 months 4 months + 31
						Blocks	1 case		
			8	19th ,, ,,	22nd ,, ,,	Mamooties	2 casks		
						Pickaxes	18 ,,		
22nd ,, ,,	S.S. "Umballa"	Do.	11	21st ,, ,,	22nd ,, ,,	Delta metal No. 1 rods	8 cases	7 months.	On account of the late arrival of these, there was great delay and some extra expense in the Grand Anicut shutter work. In several of the shutters, castings had to be substituted for channel irons to avoid delay.
						Channels, of sizes	122 loose		
5th May 1898	S.S. "Clan Macdonald".	Do.	8	19th ,, ,,	22nd ,, ,,	Pickaxes, steel	10 casks	7 months and 13 days.	
6th ,, ,,	S.S. "City of Dublin".	Do.	4	19th ,, ,,	22nd ,, ,,	Square carpenters' plated 9″ blades, brass ratches with bits, &c., turn screws 6″ blades, &c.	1 case	7 months and 14 days.	Some files had to be locally purchased owing to delay in arrival.
						Files, of sizes	10 cases		
						Vices parallel machine jaw	1 case		
			1	11th Jan. ,,	4th March ,,	Brass locks, 6″ lever	1 ,,	1 year, 2 months and 2 days.	
20th May ,,	S.S. "Clan Ross"	Do.	4	19th July ,,	22nd Sept. ,,	Blocks, iron, galvanized	3 cases		
31st ,, ,,	S.S. "Rewa"	Do.	9	29th ,, ,,	8th ,, ,,	Skin and chequer plates for gate and platform.	7 plates	8 months and 23 days.	There was some correspondence about the arrangements for the supply of Stoney's sluice; but it is reported that the materials for the screen were only common stock sizes of iron and required no work to be done on them before despatch.
						Channels	2 loose		
						C.I. tubes screwed	2		
						Top, front, bottom and back groove castings.	10 loose		
						Counter balance box revetted	1 tank		
						W. I. frame for platform	1 loose		
						Roller gate beams	2 ,,		
						Bundles of round bars	9 bundles.		
						Do. of flat do.	1 bundle		
						Tubes cast for screwed shaft	2 bundles		
						Shield plates	1 bundle		
						Cases containing small articles	11 bundles		
11th June ,,	S.S. "Golconda"	Do.	4	19th ,, ,,	22nd ,, ,,	G. M. with screwed ends, &c., backnuts, &c.	1 case	8 months and 20 days.	The Grand Anicut work was much delayed on account of the nonreceipt of this iron within a reasonable time.
		Do.	11	21st ,, ,,	22nd ,, ,,	Steel channels 18 × 6″ × 3″ × ⅜″ for Grand Anicut, Tanjore.	36 loose		

H/A

Public Works DEPARTMENT.

Papers to be read in Proceedings :—

Again G.O., dated 189 , No.

Again G.O., dated 189 , No.

Current No. 1256 of 1898, dated ~~10~~ 9th February 1898, from the Supdg. Engineer V Circle
" " 2244 of 1898, " 10 March 1898, " Do
" " 3351 " 1898, " ~~18~~ 16 April 1898, " Do
" " 4519 " 1898, " ~~26~~ 25 May 1898, " Do
" " 4942 " 1898, " 11 June 1898, " Do
" " 5935 " 1898, " 15 July 1898 " Do
" " 6880 " 1898 " ~~17~~ 11th August 1898 " Do
" " 7662 " 1898 " 13 September 1898 " Do

Quote — Print the statements as an annexure

ORDER.

No: 2843 W/A dated 8.11.98

The papers above recorded contain statements submitted by the General Superintendent P.W. Stores showing the dates of arrival at Madras during the months from January to August 1898, of Stores for the P.W. Deptt. indented for from England in the year 1897. From the returns a consolidated statement has been prepared in the Secretariat, containing additional columns, giving the dates of despatch of the indents from Madras and the interval between those dates and the time of the arrival of the Stores at Madras.

2. The statement excludes all items, so far as they can be

be identified, which were delayed in despatch in consequence of references to this Government regarding them having had to be made by the Director General of Stores. In future statements, the General Superintendent will quote, in the remarks column against the items concerned, the No. and date of any such preliminary inquiries which may be made by the India Office.

3. The statement now drawn up will be forwarded to the Secretary of State with the following despatch.

A.K.
11.10.98.

H.E. No. W, dated 11 Oct 98 ~~Oct~~ 1898.

To

The Right Hon. The Secretary of State for India.

My Lord,

We have the honour to refer your Lordship to correspondence ending with your Lordship's P.W. (Stores) Despatch No. 1, dated 26th November 1896. Our letter No. 22/2661 W, dated 18th September, 1896, to which that despatch was a reply, brought to notice the delays which occurred in England in complying with indents from this Country for Stores for our P.W. Deptt., and we then laid before your Lordship a statement, prepared by our General Superintendent of P.W. Stores, giving typical instances of such delays. As remarked by the Director General, ~~however~~, that statement was not prepared with sufficient care, as the Stores about which complaint was made should have been specified, and the dates of despatch from Madras of the various indents should have been quoted. We regret that it was not drawn up in a more intelligible form.

2. We now have the honour to forward a statement showing

A.S.H.
29.10.98

To

The Supdg. Engineer V Circle

R 15/11

A.S.H.

R 17/11/98

howing the period taken between the despatch of indents from Madras in 1897 and the receipt of the stores during the months from January to August 1898. In para 3 of your Lordship's despatch, the ordinary limit fixed for the despatch of stores was 5 months, and only items that have taken longer than that time have been included; and those articles regarding which references were made to Madras by the India Office, and delay in the supply of which was probably caused by such inquiries have been excluded, ~~which~~ file. In the Remarks column of the statement, a brief note has been made, ~~in certain cases~~ of the inconvenience entailed in certain cases by late arrival of Stores.

3. It will be seen that many of the items were under supply for over seven months, and that in several case more than a year elapsed between the date of the inden and that of receipt of the stores in this country. Complaints are still frequent from our Public Works officers of the delays which unavoidably occur in the execution of works owing to the late receipt of English supplies, and we trust that it will be found possible to make arrangements to secure greater despatch in this matter.

We have etc.

AsV
11.10.98

Cm

WBel
14.10.98

Statement showing the time taken between the despatch from Madras of indent for Stores and the Receipt from England of the Stores indented for.

Month and date of arrival of English Stores.		Name of Steamers	Port of Ship went	Number and date of indent		Date on which indent left Madras	Contents of packages.		Period between date of despatch of indent and receipt of Stores.	Remarks.
				No	Date					
		12	6	2	9	9	[illegible]	6 [illegible]	8	15
1898. January	3.	S.S. "Clan Monroe"	London	1	11.1.97	4.3.97	Blocks iron galvanized	1 Case	9 months and 30 days	6
							Nuts iron block Hexagon	2 Casks		
							~~Wire steel + iron~~	~~14 Coils~~		
	4	S.S. "City of Dublin"	—Do—	1	11.1.97	4.3.97	Enamelled iron gauges.	6 Cases	10 months	
							Stone oil Turkey	1 Case		
							~~Brass screw rings for windows~~			
	17	S.S. "Ameer"	—do—	1	11.1.97	4.3.97	Iron Swedish flat	5 bundles	10 months + 13 days	
							—do— Round	10 —do—		
							Iron Gauges	13 Cases	4 days	7
							Tapes measuring 6' long	1 Case.		
	8.	S.S. "Clan Matheson".	—Do—	1.	11.1.97	4.3.97	Nuts iron block Hex:	1 Cask		
							Rivets iron pan head	4 —do—		
							Wire steel hard	1 bundle		
							Iron flat loose	46 bars		
							Angle iron	83 —do—		
							~~Tee iron~~	~~164 —do—~~		
							Flat iron bundles	112 bundles		
							Square —do— —do—	40 —do—		
							Round —do— —do—	18 —do—		
							Angle —do— —do—	35 —do—		
							Sheets iron	12 —do—		
							—do— —do— loose	108 sheets		
							Chain iron short link	2 Casks		
				~~4~~	~~19.7.97~~	~~22.9.97~~	~~[illegible]~~	~~6 Casks~~		
	20	S.S. "Golconda"	—Do—	1.	11.1.97	4.3.97	~~Lenses Telescopic eyepieces~~	1 Case (with other stores).	11 months + 16 days.	
							Chesterman's tapes			
				3	29.5.97	14.7.97	Cement testing machines	2 Cases.	7 months + 6 days.	
March	6.	S.S. "Ghoorka"	—do—	4.	19.7.97	22.9.97	Patent tube Cutter and wrench Combined, Patent		5 months + 12 days.	
							Chain pipe, Wrench Screws Plates &ca.	1 Case.		

March 6.	S.S. "Goorkha"	London	4.	19.7.97	22.9.97	Saws sets, Compasses Carpenters adzes, Carpenters Hook bills &ca.	1 Case	5 months + 12 days	
						Coal tar refined	7 Casks		
						Light oak & Chocolate	20 drums		
15 ~~29~~	S.S. "Clan Grant"	-Do-	11.	21.7.97	22.9.97	Steel plates	336 loose	5 months + 21 days.	
						Steel Sheet	60 loose		
						Flat iron	128 bars		
						Chains iron in length	7 Loose		
			8	19.7.97	22.9.97	Pig iron	T. cwts qrs lbs 27.19.2.19		
19.	S.S. "Manora"	-Do-	1	11.1.97	4.3.97	Monkeys, wrenches, Screws Coach	1 case	1 year + 15 days	
						Planes Jack with iron locks	1 case		
						Locks with duplicate keys Drawers and Box with 4' lever	1 Case.		
			4	19.7.97	22.9.97	Steam Gauges &ca	1 Case	5 months + 25	
						Vice bench Standing &ca	1 Case		
			8.	19.7.97	22.9.97	Compasses Prismatic &ca	1 Case		
						Stands for above	1 Case		
						Mamooties	31 Casks	8 days	
			11.	21.7.97	22.9.97	Delta metal No 1	320 Ingots		
21	S.S. "Clan Robertson"	-Do-	4	19.7.97	22.9.97	Grinding Stone	3 Crates	5 months + 27 days	
			8	-Do-	22.9.97	Pickaxes	26 Casks		
						Mamooties	18 Casks		
			22	24.11.96	4.3.97	Gauges to ascertain the rain off from the Catchment basin of rivers and Streams	18 Cases.	1 year & 18 days.	
			11.	21.7.97	22.9.97	Chains Iron short link	13 loose.	5 months + 27 days.	
29	S.S. "Cransay"	-Do-	1	11.1.97	4.3.97	Rivets iron	8 Casks	1 year + 25 days	
						Planes Jack with 2½" Do -Do- Smooth -Do-	1 case.		
			1	11.1.97	4.3.97	Brass locks.	1 Case Safes		
April 6	S.S. "Matiana"	-Do-	1.	11.1.97	4.3.97	Files of Sizes	5 Cases.	1 year, 1 month + 2 days	Owing to this delay, 24 files of Sizes were purchased locally on 1.3.98 for work in the Instrument Dept of the Workshops
			4	19.7.97	22.9.97	Leather belting	1 Case.	6 months + ~~10~~ days 15	
						Brushes, Varnish Camel hair. Buckets iron galvanized.	2.		

1898. April 6	S.S. "Mahana"	London	11	21.7.97	22.9.97	Rolled steel Joists	72 loose	6 months & 15 days	Great inconvenience was caused by delay in receipt of these.
			10	11.8.97	15.10.97	New Lamps of the pattern No. 6, Cathedral Lamps &c	1 Cask	5 months & 22 days	
						Globes Chimneys Wicks for above	1 Do		
8	S.S. "Clan Cameron"	Do	4	19.7.97	22.9.97	Fire Bricks	3500 loose	6 months & 17 days	
						Pully blocks	2 Cases		
			8	Do	22.9.97	Weighing Machines	3 Cases		
						Pick axes	13 Casks		
			11	21.7.97	22.9.97	Iron flat	38 bars		Great inconvenience was caused by delay in receipt of these
						Steel round	76 bars		
						Do Angle of various sizes	527 Do		
						Do Ties Do	440 Do		
			1	11.1.97	4.3.97	Nuts Iron Block Hex.	1 Case	1 year 1 month 4 days	
21	S.S. "Clan Monroe"	Do	4	19.7.97	22.9.97	Corrugated Gal. Iron Sheets	57 Crates	6 months & 30 days	
						Blocks	1 Case		
			8	Do	22.9.97	Mamooties	2 Casks		
						Pickaxes	[illegible]		
22	S.S. "Umballa"	Do	11	21.7.97	22.9.97	Delta Metal No. 1 rods	8 Cases	7 months	On account of the late arrival of these there was great delay and extra expense in the framed amount ... shutter work, ... the Shutters, Castings had to be substituted for Channel irons to avoid delay.
						Channels of Sizes	122 loose		
May 5.	S.S. "Clan Macdonald"	Do	8.	19.7.97	22.9.97	Pickaxes steel	6 Casks	7 months 13 days	
6	S.S. "City of Dublin"	Do	4	Do	22.9.97	Sqrs. Carpenters plated 9" blades, brass ratches with bits &c. Turn Screws 6" blades &c	1 Case	7 months & 14 days	
						Files of Sizes	6 Cases		Some files had to be locally purchased owing to delay in arrival.
						Vices parallel machine Jaw	1 Case		
			1	11.1.97	4.3.97	Brass locks 6" lever	1 Case	1 year 2 months & 2 days.	
20	S.S. "Clan Ross"	Do	4.	19.7.97	22.9.97	Blocks Iron Galvanized	3 Cases.		
~~31~~	~~S.S. "Rewa"~~	~~Do~~	~~9~~	~~29.7.97~~	~~8.9.97~~	~~Storey's Sluice for Reserv.~~ Project.			Joist and round bars were ~~loose had to be purchased locally to get the Screen ready in time~~.
						~~Cross steel Joists for Gate~~	~~14~~		
						~~Tie Joists for front & back~~			
						~~Frame Castings~~	~~12~~		
						~~Steel Joist for Carrying tube for Screw shaft~~	~~1~~		
						~~Do for platform for lifting frame~~	~~1~~		
						~~Do for Screen~~	~~7~~		
						~~Do Do~~	~~2~~		

10

11

18

9 12 6 2 9 9 14/54 8 8

1898 May	31	SS "Newa"	London	9.	29.7.97	8.9.97.	Skin and Chequer plates for gate and platform.	7 plates	8 months and 23 days.
							Channels	2 loose	
							C.I. tubes screwed	2 "	
							Top, front, bottom and back groove castings	10 loose	
							Counter balance box revetted	1 Tank	
							W.I. frame for platform	1 Loose	
							Roller gate beams	2 "	
							Bundles of round bars	9 bundles	
							Do flat Do	1 "	
							Tubes cast for screwed shaft	2 "	
							Shield plates	1 "	
							Cases containing small articles.	11 "	
June	11.	SS "Golconda"	London	4.	19.7.97	22.9.97	~~Cock stock brass plug with screwed to cock flange~~ G.M. with screwed ends etc back nuts &c	1 Case	8 months & 20 days.
				11.	21.7.97	22.9.97	Steel Channels 18 × 6" × 3" × 3/8" for grand anicut Tanjore	36 loose	

There was some correspondence about the arrangements for the supply of Stoney's Sluice; but it is reported that the materials for the screen were only common stock sizes of iron and required no work to be done on them before despatch.

The grand anicut work was much delayed on account of the non receipt of the iron within a reasonable time.

AHK
11.10.98.

13

W Bell
14.10.98

I hope the statement has been carefully checked

	24.	S.S. "Mombassa"	Do –	7	18.6.97	11. 8. 97	Channels steel	170 loose.	5 months and 13 days
February	8	S.S. "Rewa"	Do –	1.	11.1.97	4. 3. 97	Planes trying & jack with iron	1 Case	11 months and
							Irons for plane double and planes smoothing with double iron.	1 Case	
							Bolts door iron light	1 Case	

[illegible] copies are
[illegible] (Ashworth)
[illegible]
7/11-98

Public Works (1898) Department.

CURRENT No. 7662

Order 7/11/98

From The Supg Engineer
5th Circle

No. 5768

Dated 13 September 1898.
Received 14-9-98
Enclosures
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SUBJECT.

Statement showing the date of arrival of Steamers from England with English Stores for the Public Works Deptt during August 1898.

[1,000—[illegible]-98.]

Statement showing the Dates of Arrival of Steamers fro gland with English Stores for the Public Works Department during the mo of August 1898.

Month and date of arrival of Steamers		Name of Steamers	Port of shipment	No. and date of Indent		Date on which Indent left Madras	Contents of Packages	Number of Packages	Remarks as to whether inconvenience has resulted on account of late delivery, or whether local purchases have been necessitated by the non-arrival of Stores before the dates named, &c.
				No.	Date				
1898 August	23	S.S. Umta	London	1	9.3.98	12.5.98	Boxwood	1 Case	
"	"	—— Do ——	— do —	19	15.2.98	31.3.98	Rolled steel joists 27'-0 × 2 '-0 × 7½	3 Loose joists	

(Signed) H. Moss
General Superintendent
P. W. Stores

No. 142 $\frac{SE}{5}$ of 6.9.98

To The Supg. Engineer
5 Circle.

No. 576 W.

To the Chief Engineer, P. W. Department.

13th September/98

Colonel R.E.
Offg: Supg: Engineer 5 Circle

13.9.98

[illegible] staff (Cu 6880)

Public Works (1898) Department.

CURRENT No. 6880

5935

From The Supdg: Engr. V Circ

No. 525 W

Dated 11/12 August 1898.
Received } 3/17 —do—.
Registered }
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SUBJECT.

Statement showing the dates of arrival of Steamers from England during July 1898.

No. 111/SEV
6/8/98.

P. W. D. Form No. 148.

Madras PROVINCE.

Buildings & Roads BRANCH.

P. W. Stores DIVISION.

Dated 6th August 1898.

NAME OF RETURN Statement showing the dates of arrival of steamers from England

PERIOD July 1898

NIL.

Previous (in 5935) sent SE on 27.7.98

Signature and Designation of Officer. H Moss
Genl Supdt P.W. Stores

To

THE Superintending Engineer
5th Circle

Public Works (1898) Department.

CURRENT No. 5935

Order

From The Supdg Engineer
5th Circle

No. 462W

Dated 15th July 1898.

Received 15.7.98

Enclosures

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SUBJECT.

Statement showing the dates of Arrival of Steame from England with Englis Stores for the P W Departmen during the Month of June 18

Forwarding the

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

Statement showing the dates of arrival of Steamers from England with English stores for the P. W. Depart-ment during the month of June 1898.

Month & date of arrival of Steamers.		Name of Steamers	Port of shipment	No and date of Indent.		Date on which Indent left Madras.	Contents of packages	No. of packages	Remarks As to whether inconvenience has resulted on account of late delivery or whether local purchases have been necessitated by the non arrival of stores before the dat named &ca
				No.	Date				
1898 June	11	S/S "Golconda"	London	4	19-7-97	22.9.97	cocks tank brass plug with screwed &c. cocks Gauge G.M. with screwed ends etc. back nuts &c.,	1 case	
				11	21.7.97	22.9.97	Steel channels 18 × 6" × 3" × 3/8" for grand anicut, Tanjore	36 loose	The grand anicut work was muc delayed on account of the non receipt of this iron within a reasonable time

No. 8722/5.

Madras
11 July 1898

(Signed) H. Moss
General Superintendent
G. W. Store

No 4532 W

To the Chief Engineer, Public Works Department.

15th July 1898.

Colonel R.E.
Offg. Supdg. Engineer 5 Circle

B 7.98

Public Works (1898) Department.

CURRENT No. 4942

Cur 6517 [illegible]

Order

From The Supy Engineer 5th Circle.

No. 379 W.

Dated 11th June 1898

Received 16. 6. 98

Enclosures

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SUBJECT.

Statement Showing the dates of arrival of Steamers from England with English Stores for May 1898.

Forwarding the –

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

Statement showing the Dates of Arrival of Steamers from England with English Stores for the Public Works Department during the month of May 1898

Month and Date of arrival of Steamers		Name of Steamers	Port of Shipment	No. and Date of Indent		Date on which Indent left Madras	Contents of Packages	Number of Packages	Remarks as to whether inconvenience has resulted on account of late delivery or whether local purchases have been necessitated by the non-arrival of stores before the dates named, &c.
				No.	date				
1898 May	5	S.S. Clan Macdonald	London	8	19 July '97	22.9.97	Pick axes steel	10 casks	
	6	S.S. City of Dublin	Do	4	Do	22.9.97	Sqr carpenters plated 9" blades, brass ratches with bits &c. Turn screws 6" blades &c.	1 case	
"		Do	Do	Do	Do	22.9.97	Files of sizes	10 cases	Some files had to be locally purchased owing to delay in arrival.
"		Do	Do	Do	Do	22.9.97	Vices parallel machine jaw	1 case	
"		Do	Do	65 W	10 Jany '98	11.1.98	Linseed oil steam boiled extra plate	25 drums	
"		Do	Do	1	11th Jany '97	4.3.97	Brass locks 6" box	1 case	
	20	S.S. Clan Ross	Do	4	19 July '97	22.9.97	Blocks Iron galvanized	3 cases	
	31	S.S. Rewa	Do	9	29 July '97	8.9.97	Stoney's Sluice for Periyar Project		
							Cross steel joists for gate	14	Joists and round bars were loose. Had to be purchased locally to get the screen ready in time.
							Tie joists for front & back groove castings	12	
							Steel joist for carrying tube for screwed shaft	1	
							Do – for platform for lifting gear	1	
							Do. for screen	7	
							Do Do	2	
							Skin and chequer plates for gate and platform	7 plates	There may have been good reason for the delay in sending the sluice but the great delay in sending the materials for the screen seems inexcusable. They were only common stock sizes of iron and required no work to be done on them before despatch.
							Channels	2 loose	
							C. I. tubes screwed	2	
							Top, front, bottom & back groove castings	10 loose	
							Counter balance box – revetted	1 Tank	
							W. I. frame for platform	1 loose	
							Roller gate beams	2 "	
							Bundles of round bars	9 bundles	
							" flat "	1 "	
							Tubes cast for screwed shaft	2 "	
							Shield plates	1 "	
							Cases containing small articles	11 .	

No. 53 S85 d/ 7-6-98

To the Supg. Engineer, 5 Circle, Chepauk.

(Signed) H. Moss
General Superintendent
P.W. Stores 7-6-98

No. 379 I

To the Chief Engineer, Public Works Department.

Dated 11th June 1898.

Colonel R.E.
Offg. Sup. Engineer 5 Circl.

10.6.98

Public Works (1898) Department.

CURRENT No. 4519

Order

From

The Supdg. Engineer
5th Circle

No. 352W.

Dated 25 May 1898

Received 26.5.98

Enclosures

Spare copies

SUBJECT.

Statement showing arrival of Stores from England with English Stores during April 1898 —

Submits a —

BACK PAPERS.

No.	Date.
2687C	30-8-97.
2531C	16-8-97
2038C	2-4-97
921W	4.4.98
1804C	23.3.98
397W	17.2.98
640W	10-1-98
2394W	30-8-97
3469C	10-8-97
658W	16.7.97 (SC)
724W	12-3-97 (SC)
2767-68W	5.10.97
870-71W	31-3-98. (SC)
1131-32W	7.5.98 (SC)
437W	13.2.97 (SC)
1789-90W	2.7-97 (SC)
2480W	6.9-97. (SC)
2065-66W	29.7-97 (SC)
2053-54W	28.7-97. (SC)
2527-28W	10-9-97. (SC)
560-61W	26.2-97 (SC)
840C	11.2.98.
5343C	9.12.97.
5342C	9.12.97
157W	20.1.98
500C	26.1.98
(A.S. 1589/S.) 22 / 1266W 2661W	18-5-96.
5048C	23-12-96
2788W	7.10.97
2785W	7.10.97
2723-24W	1.10.97
3781C	7.9.97
3415C	5.8.97
5326C	26.7.97

FURTHER PAPERS.

No.	Date.
3124C	8.7.97
912-13W	13-3-96
2319W.	19.9.95.

No. 352 W.

To the Chief Engineer Public Works Department

C. W. Ansell

Colonel R.E.

Offg: Superintending Engineer V Circle

25.5.98

19.5.98

							Pick axes.	13. casks.	
				11.	21-7-97.	22-9-97	Iron flat	38. Bars.	Do. Do.
							Steel round	76 Bars.	
							" Angle of various sizes.	527 "	
							" Ties Do.	440 "	
				1	11-1-97.	4-3-97	Nuts Iron Block. Hex:	1 Case.	
	21st	S.S. Clan Munrol.	Do.	4	19-7-97.	22-9-97	Corrugated Gal: Iron sheets	51. Crates.	
							Blocks.	1 Case.	
				8		22-9-97	Mamuties	2 Casks.	
							Pick axes.	18	
	22.	S.S. Umballa.	Do.	11.	21-7-97	22-9-97	Delta Metal No. 1 rods.	8 Cases.	Delay in getting these caused great delay and some extra expense in grand anicut shutter work. In several of the shutters castings had to be substituted for channel irons to avoid delay—
							Channels of sizes.	122 loose.	

Station - Madras.
13th May 1898.

(Signed). H. Moss
General Superintendent
Public Works Stores.

Statement showing the dates of arrival of Steamers from England with English Stores for the Public Works Department during Month of April 1898.

Month and date of arrival of Steamers		Name of Steamers.	Port of Shipment.	No. and date of Indent		Date on which Indent left Madras	Contents of Packages.	Number of Packages	Remarks as to whether inconvenience has resulted on account of late delivery or whether Local purchases have been necessitated by the nonarrival of stores before the date named etc.
				No.	Date.				
1898. April	6th	S.S. Matiana.	London	1	11-1-97	4-3-97	Files of sizes.	5 Cases.	24 files of sizes were purchased on 1st March 1898. to avoid delay of work on the Instrumental Department. This purchase necessitated by delay in receipt of home supply—
				4	19-7-97	22-9-97	Leather Belting	1. case.	
							Brushes Varnish Camel hair.		
							Buckets Iron Galvanized.	2.	
				11	21-7-97	22-9-97	Rolled Steel joists	72 loose.	Great inconvenience was caused by delay in receipt of these.
			Do.	10	11-8-97	15.10.97	New Lamps of the Pattern No. 6 Cathedral Lamp etc.	1 Cask.	
							Globes Chimneys wick		
							Wicks for the above.	1 Do.	
	8th	S.S. Clan Cameron.	Do.	4	19-7-97	22-9-97	Fire Bricks.	3500 loose.	
							Pully Blocks.	2 Cases.	
	9				Do.	22-9-97	Weighing machines		

tatement showing the dates of arrival of steamers from England with the English stores for the P.W.D during the month of March 1898.

te of ival teamers		Name of steamers	Port of shipment	No. and date of Indent		Date on which Indent left Madras	Contents of Packages	Number of Packages	Date of local purchase if any from 1st July to 31st March 1898	Remarks
nth	date			No.	Date					
8 rch	6	S/S "Goorkha"	London	4	19.7.97	22-9-97	Patent tube cutter & wrench combined, Patent chain pipe wrench screws Plates &c.	1 case		under 6 months
							Saws sets, compasses carpenters adzes carpenters Hook Bills &c.	1 case		
							Coal tar refined	7 casks		
							Light oak and chocolate	20 drums.		
	29	S.S. "Cransay"	Do.	1	11.1.97	4-3-97	Rivets. Iron	8 casks		one year
							Planes jack with 2½" Do. Do. smooth — do —	1 case		
				15	11.12.97	13.1.98	Coal tar refined	39 casks.		2 months
				1	11.1.97	11.3-97	Brass Locks	1 case safety		one year
	15	S/S "Clan Grant"	Do	11	21.7.97	22-9-97	Steel plates	336 Loose		6 months
							Steel sheet	10 Loose		
							Flat iron	128 Bars		—
							Chains Iron in length.	7 Loose		
			Do.	8	19.7-97	22-9-97	Peg iron	9 cwt qr lb 29-19-2-19		6 months
	19	S/S "Monora"		1	11.1.97	4-3-97	Monkeys, wrenches, screws coach	1 case		one year
							Planes jack with Iron	1 case		
							Locks with duplicate keys drawers and Box 4' lever	1 case		
				4	19.7.97	22-9-97	Steam gauges &c.	1 case		6 months
				"	"		Vice Bench standing, &c.	1 case		
				8	19.7.97	22-9-97	Compasses Prismatic &c.	1 case		6 months
				"	"		Stands for above	1 case.		
				"	"		Mamooties	31 casks		
				11	21.7.97	22-9-97	Delta metal No. 1	320 Ingots		6 months
	21	S/S "Clan Robertson"	Do.	4	19.7.97	22-9-97	Grinding stone	3 crates		6 months
				8	"	22-9-97	Pick axes	26 casks		—do—
				"	"		Mamooties	18 casks		
				221 22	24.11.96	4.3.97	Gauges to ascertain the rain off from the catchment Basin of rivers and streams diagrams	18 Cases ~~casks~~		one year
				11	21.7.97	22-9-97	Chains Iron short link	13 Loose		6 months

Madras
13 April 1898

No. 10 To the Supg Engineer 3rd Circle

(Signed) H. Moss
General Superintendent
P.W. Stores

No. 254W
To the Chief Engineer, P.W. Department.

16.4.98 Colonel R.E.
Superintending Engineer 3rd Circle