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தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

(190)

P. W. V. துறை

|                                       |                  |                  |
|---------------------------------------|------------------|------------------|
| அரசாணை எண்.<br>மு. கோப்புத் தாள் எண். | <u>2300</u>      | அச்சகம்<br>பலவகை |
| நாள் :                                | <u>26-8-1891</u> | 198.             |

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

8 Sheets

ஆவண, கா-1-18,006-15-8-87.

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is removed*

Enclosure to Director General of Railways' Circular No. 10 of 1891.

2300  
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## RATE LIST.

### CLASS D.

Permanent-Way Materials  
FOR 1890.

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6.11.9

(22)

3386

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1281-8-26

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Enclosure to Director General of Railways' Circular No. 10 of 1891.

*Table of average sea freight for Permanent-Way Materials.*

| Details.           | AVERAGE RATE PER TON. |                   |                    |                    |       |       |       |       | REMARKS.                                                           |
|--------------------|-----------------------|-------------------|--------------------|--------------------|-------|-------|-------|-------|--------------------------------------------------------------------|
|                    | Calcutta via Canal.   | Bombay via Canal. | Karachi via Canal. | Rangoon via Canal. |       |       |       |       |                                                                    |
|                    | s. d.                 | s. d.             | s. d.              | s. d.              | s. d. | s. d. | s. d. | s. d. |                                                                    |
| Boils, fish        | 14 6                  | 15 9              | 15 8               | 23 0               | 17 6  | ...   | ...   | ...   | This is the average rate for 1888, none having been got out since. |
| Crossings          | 12 4                  | 20 8              | 23 8               | ...                | ...   | ...   | ...   | ...   |                                                                    |
| Plates, bearing    | ...                   | ...               | 11 3               | ...                | ...   | ...   | ...   | ...   |                                                                    |
| Plates, fish       | 16 0                  | 15 6              | 14 0               | 18 8               | ...   | ...   | ...   | ...   |                                                                    |
| Rails              | 15 8                  | 16 9              | 16 8               | 17 8               | ...   | ...   | ...   | ...   |                                                                    |
| Sleepers           | 22 0                  | 26 0              | 17 0               | ...                | ...   | ...   | ...   | ...   |                                                                    |
| Switches or points | 18 0                  | 26 0              | 28 0               | 17 6               | ...   | ...   | ...   | ...   |                                                                    |
|                    | ...                   | ...               | ...                | ...                | ...   | ...   | ...   | ...   |                                                                    |

2300  
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CLASS OF STORES D.—BALLAST AND PERMANENT WAY—6' 6" GAUGE.

Contracted for in 1890.

| Contract number and date. | Articles. | Details.                                                        | Weight per yard of rail. | Five-Piece of 20 ft. 6 in. |     |     |     | Unit. | Remarks.                                                                                        |
|---------------------------|-----------|-----------------------------------------------------------------|--------------------------|----------------------------|-----|-----|-----|-------|-------------------------------------------------------------------------------------------------|
|                           |           |                                                                 |                          | lb.                        | oz. | in. | ft. |       |                                                                                                 |
| 3173                      | 18-1-30   | Steel, with nuts, for flat-footed rails                         | 75                       | 15                         | 17  | 0   | 0   | Ton.  |                                                                                                 |
| 3254                      | 17-2-00   | " " " "                                                         | 75                       | 16                         | 7   | 0   | 0   | "     |                                                                                                 |
| 3788                      | 20-8-00   | " " " "                                                         | 75                       | 15                         | 10  | 0   | 0   | "     |                                                                                                 |
| 3636                      | 3-6-40    | Steel, with nuts, for double headed rails                       | 73                       | 15                         | 10  | 0   | 0   | "     |                                                                                                 |
| 3201                      | 22-1-30   | Steel, with nuts and washers                                    | 63½                      | 18                         | 0   | 0   | 0   | "     |                                                                                                 |
| 3937                      | 14-10-00  | Steel, built up for rails, steel, flat-footed, angle 1 in 8½    | 62                       | 7                          | 11  | 0   | 0   | Set.  |                                                                                                 |
| 3174                      | 18-1-30   | Steel, for flat footed rails                                    | 75                       | 8                          | 1   | 3   | 0   | Ton.  |                                                                                                 |
| 3255                      | 17-2-00   | Steel, for Vignoles, steel flat-footed rails                    | 75                       | 8                          | 6   | 0   | 0   | "     |                                                                                                 |
| 3791                      | 20-8-00   | " " " "                                                         | 75                       | 7                          | 4   | 0   | 0   | "     |                                                                                                 |
| 3229                      | 3-6-00    | Steel, new pattern, with 6 holes, for steel double-headed rails | 73                       | 7                          | 0   | 0   | 0   | "     |                                                                                                 |
| 3175                      | 18-1-30   | Resamne steel, (Vignoles) flat-footed 30 feet long              | 75                       | 7                          | 7   | 6   | 0   | Ton.* | * Subject to a reduction of 2½ cts. per ton if the usual percentage of short lengths are taken. |
| 3251                      | 17-2-00   | " " " "                                                         | 75                       | 7                          | 4   | 0   | 0   | "     | With three holes at each end.                                                                   |
| 3783                      | 21-2-00   | " " " " of assorted lengths                                     | 75                       | 6                          | 14  | 0   | 0   | "     |                                                                                                 |

2350

CLASS OF STORES D.—BALLAST AND PERMANENT WAY—5' 6" GAUGE—contd.

Contracted for in 1890.

| Contract number and date. | Articles. | Details.                                           | Weight per<br>yard of rails. | RATE—PER YARD ON BOARD. |       |  | REMARKS.                      |
|---------------------------|-----------|----------------------------------------------------|------------------------------|-------------------------|-------|--|-------------------------------|
|                           |           |                                                    |                              | Amount.                 | Unit. |  |                               |
| 3780                      | 28-8-90   | Reamer steel, (Vignoles) flat-footed, 20 feet long | 75                           | £ 5 5                   | Ton.  |  | With three holes at each end. |
| 3875                      | 8-10-90   | " " " of assorted lengths                          | 75                           | £ 5 5                   | "     |  |                               |
| 3876                      |           | " " " of assorted lengths                          | 75                           | £ 5 10                  | "     |  |                               |
| 4189                      | 18-12-90  | " " " " "                                          | 75                           | £ 5 5                   | "     |  | New sections                  |
| 4331                      | 8-6-90    | " " " " "                                          | 75                           | £ 5 5                   | "     |  |                               |
| 3255                      | 8-6-90    | Cast iron plate, complete, with fastenings         | 50                           | £ 25 5                  | Ton.  |  | Durham's Patent rollers       |
| 3355                      | 8-6-90    | Cast iron plate, complete, with fastenings         | 75                           | £ 15 0                  | "     |  |                               |
| "                         | "         | Cast iron plate, complete, with fastenings         | 75                           | £ 15 0                  | "     |  |                               |
| "                         | "         | Cast iron plate, complete, with fastenings         | 75                           | £ 15 0                  | "     |  |                               |
| "                         | "         | Cast iron plate, complete, with fastenings         | 75                           | £ 15 0                  | "     |  |                               |
| 4225                      | 8-6-90    | Flat cast-iron steel rails                         | 75                           | £ 15 0                  | Ton.  |  |                               |
| 4336                      | 12-12-90  | " " " (new section)                                | 75                           | £ 15 0                  | "     |  |                               |
| 4337                      |           | " " " (new section)                                | 75                           | £ 15 0                  | "     |  |                               |

CLASS OF STORES D.—BALLAST AND PERMANENT WAY—5' 6" GAUGE—contd.

Contracted for in 1890.

| Contract number and date. | Articles. | Details.                                                                                             | Weight per<br>yard of rails. | RATE—PER YARD ON BOARD. |       |  | REMARKS. |
|---------------------------|-----------|------------------------------------------------------------------------------------------------------|------------------------------|-------------------------|-------|--|----------|
|                           |           |                                                                                                      |                              | Amount.                 | Unit. |  |          |
| 3237                      | 14-10-90  | Complete length of tongue, 12 feet, to suit crossings for steel flat-footed rails<br>Angle, 1 in 8½. | 62                           | £ 10 11                 | Set.  |  |          |
| 4173                      | 27-11-90  | Spare parts of—<br>Bolts, double locking, for facing points, Saxby and Farmer's patent               | 75                           | £ 7 0                   | "     |  |          |
| 3203                      | 28-1-90   | Rails, stock, 20 feet long, for double-headed steel rails                                            | 63½                          | £ 8 0                   | Ton.  |  |          |

# CLASS OF STORES D.-BALLAST AND PERMANENT WAY--METRE GAUGE.

Contracted for in 1890.

| Contract number and date. | Articles. | Details.                                                                | Weight per yard of rails. | R.R. - Price of 1000. |       | Remarks.                        |
|---------------------------|-----------|-------------------------------------------------------------------------|---------------------------|-----------------------|-------|---------------------------------|
|                           |           |                                                                         |                           | Amount.               | Unit. |                                 |
| 3372                      | 22-8-90   | Steel, with nuts and washers, for flat-footed rails                     | 110.                      | £ 2                   | Ton.  |                                 |
| 3366                      | 20-2-90   | "                                                                       | 60                        | 17 75                 | "     |                                 |
| 3410                      | 18-4-90   | "                                                                       | 41 1/2                    | 15 15                 | "     |                                 |
| 3382                      | 1-7-90    | "                                                                       | "                         | 17 15                 | "     |                                 |
| 3302                      | 2-9-90    | "                                                                       | "                         | 17 10                 | "     |                                 |
| 3303                      | 21-10-90  | "                                                                       | "                         | 15 10                 | "     |                                 |
| 3327                      | 6-2-90    | "                                                                       | 20                        | 15 0                  | "     |                                 |
| Vignoles Section.         |           |                                                                         |                           |                       |       |                                 |
| 3302                      | 21-6-90   | Steel, built up, complete, for flat footed rails—<br>Angles, 1 in 6 1/2 | 60                        | 15 0                  | No.   | Trains at 10 miles 6 per sheet. |
| 3381                      | 25-2-90   | "                                                                       | "                         | 7 1                   | "     |                                 |
| 3338                      | 1-7-90    | "                                                                       | "                         | 6 6                   | "     |                                 |
| 3358                      | 17-10-90  | "                                                                       | "                         | 5 15                  | "     |                                 |
| 3381                      | 25-2-90   | "                                                                       | "                         | 7 1                   | "     |                                 |
| 3338                      | 1-7-90    | "                                                                       | "                         | 6 6                   | "     |                                 |

# CLASS OF STORES D.-BALLAST AND PERMANENT WAY--METRE GAUGE--contd.

Contracted for in 1890.

| Contract number and date. | Articles. | Details.                                                | Weight per yard of rails. | R.R. - Price of 1000. |       | Remarks. |
|---------------------------|-----------|---------------------------------------------------------|---------------------------|-----------------------|-------|----------|
|                           |           |                                                         |                           | Amount.               | Unit. |          |
| 3161                      | 6-1-90    | Steel, for Vignoles steel rails                         | 110.                      | £ 2                   | Ton.  |          |
| 3371                      | 21-3-90   | "                                                       | 60                        | 15 15                 | "     |          |
| 3280                      | 24-2-90   | "                                                       | 41 1/2                    | 15 10                 | "     |          |
| 3337                      | 21-6-90   | "                                                       | 41 1/2                    | 15 0                  | "     |          |
| 3789                      | 23-8-90   | "                                                       | 41 1/2                    | 15 10                 | "     |          |
| 3780                      | 23-8-90   | "                                                       | 41 1/2                    | 15 10                 | "     |          |
| 3817                      | 9-9-90    | "                                                       | 41 1/2                    | 15 10                 | "     |          |
| 3860                      | 21-10-90  | "                                                       | 41 1/2                    | 15 10                 | "     |          |
| 3327                      | 6-2-90    | Steel, to suit rails Vignoles Section, 20 lbs. per yard | 20                        | 15 0                  | "     |          |
| 3180                      | 6-1-90    | Deesmer steel, Vignoles, flat-footed, 30 feet long      | 50                        | 7 12                  | Ton.  |          |
| 3370                      | 21-3-90   | "                                                       | "                         | 6 6                   | "     |          |
| 3253                      | 17-2-90   | "                                                       | 41 1/2                    | 7 2                   | "     |          |
| 3349                      | 8-7-90    | "                                                       | 41 1/2                    | 5 13                  | "     |          |
| 3413                      | 14-4-90   | "                                                       | 41 1/2                    | 6 10                  | "     |          |
| 3871                      | 10-9-90   | "                                                       | 41 1/2                    | 6 11                  | "     |          |
| 4005                      | 23-10-90  | "                                                       | 41 1/2                    | 5 11                  | "     |          |

2300/5

# CLASS OF STORES D.—BALLAST AND PERMANENT-WAY—METRE GAUGE—contd.

Contracted for in 1890.

| Contract number and date. | Articles.              | Details.                                                                                                      | Weight per yard of rail. | RATE—PAID ON BOARD. |       |       | REMARKS.                                                                       |
|---------------------------|------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------|---------------------|-------|-------|--------------------------------------------------------------------------------|
|                           |                        |                                                                                                               |                          | Am. cash.           | Unit. | Unit. |                                                                                |
| 3321<br>25-2-90           | Rails—constr.          | 1/2, steel, flat-bottomed, 20 lbs. per yard in 13 feet lengths                                                | 20                       | 2 7 0               | 0     | Yon.  |                                                                                |
| 3749<br>26-7-90           |                        | Tramway for colliery works, 18 feet long with holes bored in flanges on each side 1/4" diameter, 2 feet apart | 18                       | 7 13 6              | 0     | "     |                                                                                |
| 3630<br>26-6-90           |                        | For steel flat-footed rails                                                                                   | 50                       | 16 10 0             | 0     | Yon.  |                                                                                |
| 3638<br>5-3-90            |                        | "                                                                                                             | 411                      | 15 15 0             | 0     | "     |                                                                                |
| 3415<br>17-1-90           |                        | "                                                                                                             | "                        | 15 13 0             | 0     | "     |                                                                                |
| 3711<br>15-7-90           |                        | "                                                                                                             | "                        | 14 10 0             | 0     | "     |                                                                                |
| 3615<br>9-6-90            | Spikes, long.          | "                                                                                                             | "                        | 12 15 0             | 0     | "     |                                                                                |
| 4041<br>26-10-90          |                        | "                                                                                                             | "                        | 12 13 0             | 0     | "     |                                                                                |
| 3847<br>19-9-90           | Spikes for tram rails. | Ball rails, 3 1/2" long                                                                                       | 18                       | 20 0 0              | 0     | Yon.  |                                                                                |
| 3789<br>26-7-90           |                        | " 3 1/2" long x 3/4" diam. with cup heads                                                                     | 18                       | 19 0 0              | 0     | "     |                                                                                |
| 3602<br>21-6-90           |                        | Complete, to suit built up steel crossings—<br>Angles, 1 in 6 1/2<br>" 1 in 9 1/2<br>" 1 in 13                | 50                       | 8 17 0              | 0     | Set.  | Length of tongue 9 feet<br>Tracings, rails, per sheet 10s. 0d.<br>" " 13 " 0d. |

For use with timber sleepers.

# CLASS OF STORES D.—BALLAST AND PERMANENT-WAY—METRE GAUGE—contd.

Contracted for in 1890.

| Contract number and date. | Articles. | Details.                                                     | Weight per yard of rail. | RATE—PAID ON BOARD. |       |       | REMARKS.                                    |
|---------------------------|-----------|--------------------------------------------------------------|--------------------------|---------------------|-------|-------|---------------------------------------------|
|                           |           |                                                              |                          | Amount.             | Unit. | Unit. |                                             |
| 3284<br>25-2-90           |           | Complete, to suit built up steel crossings—<br>Angle, 1 in 7 | lbs.                     | 9 13 0              | d.    | Set.  |                                             |
| 3638<br>1-7-90            |           | " 1 in 7                                                     | 411                      | 9 16 0              | 0     | "     |                                             |
| 3968<br>17-10-90          |           | " 1 in 9                                                     | "                        | 8 7 6               | 0     | "     |                                             |
| 3254<br>25-2-90           |           | " 1 in 10                                                    | "                        | 9 13 0              | 0     | "     | Length of tongue 12 feet.                   |
| 3638<br>1-7-90            |           | " 1 in 10                                                    | "                        | 9 16 0              | 0     | "     |                                             |
| 3284<br>25-2-90           |           | Spare parts of—<br>Blocks, heel                              | 411                      | 0 1 10              | 0     | Each. |                                             |
| 3857<br>27-9-90           |           | " "                                                          | "                        | 0 2 6               | 0     | "     |                                             |
| 3857<br>27-9-90           |           | " bolts and nuts and washers for                             | "                        | 1 0 0               | 0     | Cwt.  | Square headed 6" x 3/4" : screwed, 2' long. |
| 3857<br>27-9-90           |           | Bolts for switches                                           | "                        | 0 15 0              | 0     | Set.  |                                             |
| 4170<br>25-11-90          |           | " iron, lockings for points                                  | "                        | 0 4 9               | 0     | "     |                                             |
| 3857<br>27-9-90           |           | Chairs, slide                                                | "                        | 0 3 0               | 0     | Each. |                                             |
| 3284<br>25-2-90           |           | " "                                                          | "                        | 0 3 0               | 0     | "     |                                             |
| 3857<br>27-9-90           |           | Distance pieces or blocks                                    | "                        | 0 2 6               | 0     | "     |                                             |
| 3284<br>25-2-90           |           | Gauge bars                                                   | "                        | 0 3 6               | 0     | "     |                                             |

Switches or points—contd.



[General Distribution.]

Circular No. 10.

2300/8 7

FROM

THE DIRECTOR GENERAL OF RAILWAYS

TO

THE MANAGER, NORTH WESTERN RAILWAY.  
THE MANAGER, OUDH AND ROHILKHAND RAILWAY.  
THE SUPERINTENDENT OF WORKS, CHAMAN EXTENSION.  
THE SUPERINTENDENT OF WORKS, HYDERABAD-UMERKOT RAILWAY.  
THE ENGINEER-IN-CHIEF, EAST COAST RAILWAY.  
THE ENGINEER-IN-CHIEF, KISTNA BRIDGE.  
THE ENGINEER-IN-CHIEF, MU VALLEY RAILWAY.  
THE ENGINEER-IN-CHIEF, MOGHAL SARAI-HOWRAH RAILWAY SURVEY.  
THE ENGINEER-IN-CHIEF, MOGHAL SARAI-DALTONGUNGE SECTION OF THE MOGHAL SARAI-HOWRAH RAILWAY SURVEY.  
THE ENGINEER-IN-CHIEF, FRONTIER RAILWAY SURVEY.  
THE ENGINEER-IN-CHIEF, KASHMIR RAILWAY SURVEY.  
THE ENGINEER-IN-CHIEF, ZHOV VALLEY RAILWAY SURVEY.  
THE ENGINEER-IN-CHIEF, JEYPORE-CHUMBAL RAILWAY SURVEY.  
THE ENGINEER-IN-CHIEF, GOONA-BINA RAILWAY SURVEY.  
THE ENGINEER-IN-CHIEF, UJJAIN-BHOVAL RAILWAY SURVEY.  
THE PORT STOREKEEPER, STATE RAILWAY DEPARTMENT, CALCUTTA.

Rate List for Class D. Permanent-Way Materials for 1890.

Simla, 17th June 1891.

SIR,

I have the honour to forward herewith, for information and guidance, a printed statement showing rates, *free on board* in England, of D Class, State Railway Stores, Permanent-way materials contracted for by the India Office in 1890.

1. The statement has been divided into two parts, the first part (pages 1 to 3) affords information regarding materials for 5' 6" gauge railways, and the second part (pages 4 to 8) furnishes similar information for metre and other narrow gauge railways.

3. A table showing average sea freight per ton of permanent-way materials landed in India at the various ports is prefixed for information.

I have the honour to be,

SIR,

Your most obedient Servant,

R. A. SARGEAUNT, Lieut.-Col., R.E.,  
Offg. Director General of Railways.

*Documents accompanying.*

1. Table of average sea freight for Permanent-Way Materials.
2. Rate List, Class D, Permanent-Way Materials for 1890.

The Secretaries to the Governments of Madras, Bengal, the North-Western Provinces and Oudh, and the Punjab, Public Works Department.  
 The Secretaries to the Chief Commissioners of the Central Provinces, Burma, and Assam, Public Works Department.  
 The Secretaries to the Residents at Hyderabad, and Mysore, Public Works Department.  
 The Secretaries to the Agents to the Governor General, Rajputana and Central India, and Beluchistan, Public Works Department.  
 The Superintendent of Port Districts, Chief Commissioner, Andaman and Nicobar Islands.  
 The Director General of Telegraphs.  
 The Director General of Military Works.  
 The Accountant General, Public Works Department.  
 The Comptroller General.  
 The Accountant General, Bengal.  
 The Consulting Engineers for Railways, Madras and Bombay.  
 The Consulting Engineers to the Government of India for Railways, Calcutta, Lucknow, and Central Division.  
 The Agent and General Manager, Assam Railways and Trading Company, Limited.

Copy forwarded to  
 the Local Govern-  
 ments, Administra-  
 tions, and Officers  
 noted in the margin,  
 for information.

*M. J. S. S. S.*

Lieut.-Col., R.E.,  
 Offg. Director General of Railways.

*W. H. S.*

To  
 The Joint Secretary to the Government  
 of Madras, Public Works Department.  
 (Railway Branch)

*W. H. S.*

*2388*  
*OS*

For 1300 9/10 2.4.91  
1925 11.7.91

FROM

THE DIRECTOR GENERAL  
OF RAILWAYS.

TO THE

SECRETARY TO THE GOVERNMENT

RAILWAYS

1300 9/10 2.4.91  
1925 11.7.91

Communicated  
to Officers of the Ministry  
in continuation of the  
No. 1925 W of 11 July  
1891.

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RATE LIST, CLASS D.  
Permanent-Way Materials, 1890.

G. C. Press, Simla. — No. 195 P. W. D. — 26-6-91 — 1/00.