(1) பக்கங்களின் எண்ணிக்கை 40

(2) புதுக்கித் திருப்பிய நாள் நவம் 90

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

மருத்துவத் துறை

அரசாணை எண்.
மு. கோப்புத் தாள் எண். 18370

அச்சகம்
பலவகை

நாள் : 13.7.1893 ~~198~~

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

17+3 =20

துவண. கா-1—18,006—15-6-87.

Enclosure to Director General of Railways' Circular No. 7 of 1893.

1837.
1

RATE LIST.

CLASS D.

PERMANENT WAY MATERIALS.

FOR 1892.

Enclosure to Director General of Railways' Circular No. 7 of 1893.

Table of average Sea freight for Permanent-Way Materials landed during 1892.

Details.	Average rate per ton.										Remarks.
	Calcutta *vid* Canal.		Bombay *vid* Canal.		Karachi *vid* Canal.		Rangoon *vid* Canal.		Coconada or Vizagapatam. *vid* Canal.		
	s.	*d.*	*s.*	*d.*	*s.*	*d.*	*s.*	*d.*	*s.*	*d.*	
Bolts, fish	6	9	...		9	7	19	8	20	0	Where rates have not been quoted, it should be understood that material was not imported during the year.
Crossings	9	0	...		6	9	22	6	19	0	
Plates, bearing	8	10	...		15	6	...		15	0	
Plates, fish	9	8	...		14	10	19	9	18	1	
Rails	16	3	...		9	0	14	6	14	6	
Sleepers	12	0	...		10	0	...		13	10	
Switches or points	10	3	...		10	5	...		...		

2/137

CLASS OF STORES D.—PERMANENT-WAY MATERIALS.

5' 6" Gauge.

Contracted for in 1892.

Contract number and date.	Articles.	Details.	Weight per yard of rails.	Rate—Free on Board. Amount. £ s. d.	Unit.	For what railway.	Remarks.
			lbs.				
6/179 — 19-1-92		Steel, with nuts, 5⅛" long, for rails, steel, flat-footed, old standard.	75	12 5 0	Ton.	Lucknow-Rae-Bareilly-Jaunpur.	1 bolt and nut = 1 lb. 14·5 oz.
8/86 — 7-3-92		Steel, with nuts, 5⅛" long, for rails, steel (Vignole's), flat-footed, old standard.	75	12 0 0	"	Oudh and Rohilkhand	
6/255 — 28-1-92		Steel, with nuts and washers, 5¼" long, for rails, steel, new standard.	75	12 10 0	"	North Western ...	1 bolt, nut and washer = 32·3 oz.
7/165 — 10-2-92	Bolts, fish ...	Steel, with nuts and washers, 5¼" long, for rails, steel, flat-footed, new standard.	75	12 5 0	"	Marj-Attock ...	
12/47 — 4-7-92		Steel, with nuts and washers, 5¼" long, for rails, steel, flat-footed new standard.	75	12 0 0	"	East Coast ...	
13/316 — 24-8-92		Steel, with nuts and washers, 5¼" long, for rails, steel, flat-footed, new standard with 4" foot.	75	11 7 6	"	Bareilly-Rampore-Moradabad.	1 bolt, nut and washer = 1 lb. 14 oz. Suitable also for new standard 73 lbs. bull-headed rails on the North Western and Oudh and Rohilkhand Railways.

1837/3

CLASS OF STORES D.—PERMANENT-WAY MATERIALS—contd.

5' 6" Gauge.

Contracted for in 1892.

Contract number and date	Articles.	Details.	Weight per yard of rail.	Rate—Free on Board. Amount	Unit.	For what railway.	Remarks.
			lbs.	£ s. d.			
15/96 — 11-10-92	Bolts, fish—*concld.*	Steel, with nuts and washers 5½" long, for rails, steel, flat-footed, new standard with 4" foot.	75	11 7 6	Ton.	North Western ...	1 bolt and nut = 1 lb. 14 oz.
8/89 — 7-3-92		Steel, with nuts 5½" long, for rails, steel, double-headed.	73	12 0 0	"	Eastern Bengal ...	1 bolt and nut = 1 lb. 14·5 oz.
13/312 — 24-8-92		Steel, with nuts and washers 5½" long, for rails, steel, flat-footed.	62	11 12 6	"	North Western ...	1 bolt and nut = 2·02 lbs.
7/12 — 2-2-92	Crossings ...	Steel, built up, for old standard rails, steel, flat-footed, angle 1 in 12.	75	8 7 6	Set.	Lucknow-Rae-Bareilly-Jaunpur.	
7/160 — 9-2-92		Steel, built up, for old standard rails, steel, flat-footed, angle 1 in 8½.	75	7 17 6	"		
13/830 — 24-8-92		Steel, built up, for new standard rails, steel, flat-footed, angle 1 in 8½.	75	8 0 0	"	Mari-Attock.	
		Steel, built up, for new standard rails, steel, flat-footed, with foot, 4·2" wide, angle 1 in 12.	75	9 12 0	...	East Coast.	The ends of the crossings are to be drilled to suit the standard 5-holed fish-plate.
		Steel, built up, for new standard rails, steel, flat-footed, with foot, 4·2" wide, angle 1 in 6.	75	8 15 0	...		
14/262 — 26-9-92	Crossings—*concld.* ...	Steel, built up, for new standard rails, steel, flat-footed, with 4" foot, angle 1 in 12.	75	9 10 0	Set	Bareilly-Rampore-Moradabad	
		Steel, built up, for new standard rails, steel, flat-footed, with 4" foot, angle 1 in 8½.	75	8 10 0	"		
15/222 — 20-10-92		Steel, built up, for new standard flat-footed rails, with foot 4" wide, angle 1 in 12.	75	8 6 0	"	North Western.	
		Steel, built up, for new standard flat-footed rails, with foot 4" wide, angle 1 in 8½.	75	7 10 0	"	North Western.	
9/40 — 6-4-92		Steel, built up, complete, to suit steel double headed rails, angle 1 in 8½.	73	9 5 0	"	Eastern Bengal.	
8/60 — 5-3-92	Plates, bearing ...	Wroughtiron, with 4 spike holes, for new standard rails, steel, flat-footed.	75	9 5 0	Ton	Mari Attock ..	Estimated weight of 1 wroughtiron plate = 6¼ lbs.
15/95 — 11-10-92		Wroughtiron, for new standard flat-footed rails, with foot 4" wide.	75	7 15 0	"	North Western ...	Estimated weight of one wroughtiron plate = 8·58 lbs.
12/87 — 6 7-92		Wroughtiron, for new standard flat-footed rails.	75	9 0 0	"	East Coast ...	Weight of 1 plate 6·65 lbs.
13/301(a) — 20-8-92		Wroughtiron, for new standard flat-footed rails.	75	9 0 0	"	" " ...	Weight of 1 plate 6·65 lbs.
15/40 — 3-10-92		Wroughtiron, with 4 spike holes, for new standard flat-footed rails, steel, with 4" foot, size 7½" × 7".	75	7 15 0	"	North Western ...	Estimated weight of 1 plate = 8¾ lbs.
6/202 — 25-1-92	Plates, fish ...	Steel, for rails, steel, flat-footed, old standard, with six holes in each.	75	6 1 6	"	Lucknow-Rae-Bareilly-Jaunpur.	1 pair fish-plates = 38·5 lbs.
8/241 — 15-3-92		Steel, for rails, steel, Vignole's, flat-footed, old standard, with six holes in each.	75	6 2 6	"	Oudh and Rohilkhand.	

CLASS OF STORES D.—PERMANENT-WAY MATERIALS—contd.

5' 6" GAUGE.

Contracted for in 1892.

Contract number and date.	Articles.	Details.	Weight per yard of rails.	Rate—Free on Board. Amount.	Unit.	For what railway.	Remarks.
			lbs.	£ s. d.			
6/210 — 25-1-92	Plates, fish—*contd.*	Steel, for Vignole's rails, steel, flat-footed, new standard, with five holes in each.	75	6 10 7	Ton	North Western ...	1 pair fish-plates = 27.50 lbs.
7/162 — 9-2-92		Steel, for new standard rails, steel, flat-footed, with five holes in each.	75	6 5 0	"	Mari Attock ...	
12/20 — 1-7-92		Steel, for Vignole's rails, steel, new standard, flat-footed, with five holes in each.	75	6 11 0	"	East Coast ...	
15/75 — 8-10-92		Steel, four-holed, for rails, steel, flat-footed, new standard, with foot 4" wide.	75	6 0 0	"	Bareilly-Rampore-Moradabad.	1 pair of fish-plates = 32 lbs.
15/80 — 8-10-92		Steel, for rails, steel, flat-footed, new standard, with 4" foot, and new standard bull-headed, with four holes each.	75 and 75	6 0 0	"	North Western ...	1 pair of fish-plates = 32 lbs.
18/315 — 24-8-92		Steel, for rails, steel, flat-footed, new standard, with foot 4" wide, with four holes each.	75	6 0 0	"	Bareilly-Rampore-Moradabad.	1 pair of fish-plates = 32 lbs.
13/325 — 24-8-92		Steel, for rails, steel, flat-footed, new standard, with 4" foot, and new standard bull-headed rails, with four holes each.	75 and 73	6 0 0	"	North Western ...	1 pair fish-plates = 32 lbs.
10/102 — 10-5-92		Steel, for double-headed steel rails, with 6 holes.	73	6 2 6	"	" "	1 pair fish-plates = 46 lbs.
15/150 — 13-10-92	Plates Fish—*contd.*	Steel, for rails, steel, flat-footed, new standard, with 4" foot, and 4 holes.	75	6 1 6	Ton	North Western.	1 pair fish-plates 32 lbs.
13/335 — 25-8-92		Steel, for rails, steel, flat-footed, with four oval holes.	62	6 0 0	"		1 pair of fish-plates = 28 lbs.
12/19 — 1-7-92		Steel, Vignole's, new standard (with flange 4·2" wide).	75	4 11 0	"	Mu Valley	Includes short lengths.
15/131 — 13-10-92		Steel, new standard, flat-footed, with 4" foot ...	75	4 7 0	"	North Western ...	Ditto.
13/314 — 24-8-92		Steel, Vignole's, new standard, flat-footed, with 4" foot, with two fish-bolt holes at each end.	75	4 8 6	"	Bareilly-Rampore-Moradabad.	Ditto.
13/321 — 24-8-92		Steel, Vignole's, new standard, flat-footed, with 4" foot, with two fish-bolt holes at each end.	75	4 8 6	"	North Western.	
8/201 — 11-8-92		Steel, Bessemer, double-headed, in 30 feet lengths.	73	4 11 0	"	Eastern Bengal.	
14/77 — 9-9-92	Rails ...	Steel, Bessemer, bull-headed, new standard ...	78	4 8 0	"	North Western ...	Ditto.
6/3 — 1-1-92		Steel, Vignole's, flat-footed, old standard ...	75	4 10 0	"	" " "	
6/203 — 25-1-92		Steel, Vignole's, flat-footed, old standard, in 30 feet lengths, with 3 holes at each end.	75	4 5 6	"	Lucknow-Rae-Bareilly-Jaunpur.	
8/143 — 10-3-92		Steel, Vignole's, flat-footed, old standard, in 30 feet lengths, with 3 holes at each end.	75	4 14 0	"	Oudh and Rohilkhand.	
6/209 — 25-1-92		Steel, Vignole's, flat-footed, new standard, in 30 feet lengths.	75	4 15 7	"	North Western.	

1891

CLASS OF STORES D.—PERMANENT-WAY MATERIALS—*contd.*

5′ 6″ GAUGE.

Contracted for in 1892.

Contract number and date.	Articles.	Details.	Weight per yard of rails.	Rate—Free on Board. Amount.	Unit.	For what railway.	Remarks.
			lbs.	£ s. d.			
7/164 — 10-2-92	Rails—*concld.*	Steel, Vignole's, flat-footed, new standard, for 5-holed fish-plates, in 30 feet lengths, with 3 per cent. of 25 feet, and 3 per cent. of 25 feet 1½″ lengths.	75	4 8 0	Ton.	Mari Attock.	
8/205 — 12-3-92	Sleepers	Iron, cast, plate, with jaws, (Denham Olphert's pattern), for double-headed steel rails.	78	3 9 6	Ton.	Eastern Bengal.	
6/40 — 7-1-92		Steel, transverse, with keys, for flat-footed rails, old standard.	75	5 6 9	,,	North Western ...	1 sleeper and 2 keys = 137 lbs.
14/66 — 8-9-92		Steel, transverse, with keys, for rails, steel, flat-footed, old standard	75	5 15 6	,,	North Western ...	1 sleeper and 2 keys = 122 lbs.
6/240 — 28-1-92		Steel, transverse, with keys, for rails, steel, flat-footed, new standard.	75	5 10 11	,,	East Coast ...	1 sleeper and 2 keys = 137 lbs.
6/247 — 28-1-92		Steel, transverse, with keys, for rails, steel, flat-footed, new standard.	75	5 11 0	,,		
7/1 — 1-2-92		Steel, transverse, with keys, for rails, steel, flat-footed, new standard.	75	5 12 0	,,		
7/214 — 12-2-92		Steel, transverse, with keys, for rails, steel, flat-footed, new standard.	75	5 16 0	,,	Mari Attock ...	1 sleeper and 2 keys = 137 lbs.
15/93 — 10-10-92		Steel, transverse, with corrugated clips, distance pieces, and keys, for rails, steel, flat-footed, with 4″ foot, new standard.	75	6 7 0	Ton	Bareilly-Rampore-Moradabad.	
15/94 — 10-10-92		Steel, transverse, with corrugated clips, distance pieces, and keys, for rails, steel, flat-footed, with 4″ foot, new standard.	75	5 17 0	,,	North Western.	
15/104 — 11-10-92		Steel, transverse, with corrugated clips, distance pieces, and keys, for rails, steel, flat-footed, with 4″ foot, new standard.	75	6 3 6	,,	Lucknow-Rae-Bareilly	1 sleeper and 2 keys = 122 lbs.
		Iron, cast, plate, fastenings for—					
8/205 — 12-3-92		W. I. cotters and keys		13 2 0	,,	Eastern Bengal.	
		Tie bars		6 4 6	,,		
	Sleepers—*concld.*	*Punjab pattern, round and oval, fastenings for—*					
7/146 — 9-2-92		W. I. cotters		13 7 6	,,	North Western ..	1 cotter = 0·5 lbs.
14/112 — 10-9-92		,, ,, ...		13 5 0	,,		
7/146 — 9-2-92		,, gibs		10 17 0	,,		1 gib = 0·1875 lbs.
14/112 — 10-9-92		,, ,, ...		10 15 0	,,		
7/146 — 9-2-92		,, tie bars		6 2 6	,,		1 tie bar = 31·866 lbs.
14/112 — 10-9-92		,, ,, ...		6 0 0	,,		

CLASS OF STORES D.—PERMANENT-WAY MATERIALS—*contd.*

5′ 6″ Gauge.

Contracted for in 1892.

Contract number and date.	Articles.	Details.	Weight per yard of rails.	Rate—Free on Board		For what railway.	Remarks.
				Amount	Unit.		
			lbs.	£. s. d.			
7/45 — 3-2-92	Spikes, dog ...	Wroughtiron, 5″ long under head, for new standard Vignole's steel rails.	75	11 15 0	Ton	Mari Attock ...	1 dog spike = 11·20 oz.
13/31 — 4-8-92		Wroughtiron, 5″ under head, for new standard Vignole's steel rails.	75	11 5 0	,,	Bareilly-Rampore-Moradabad.	
13/322 — 24-8-92		Wroughtiron, 5″ long under head, ⅝″ square, for new standard flat-footed rails, with 4″ foot.	75	11 0 0	,,	North Western ...	
13/30 — 4-8-92		Wroughtiron, 5″ under head, ⅝″ square, for old standard Vignole's steel rails.	75	11 5 0	,,	Lucknow-Rae-Bareilly	
9/40 — 6-4-92	Switches ...	Single throw, complete, with lever boxes, 15 feet tongues, for steel double-headed rails, for crossings angle 1 in 8½.	73	12 17 6	Set	Eastern Bengal ...	
15/222 — 20-10-92		Complete, with lever boxes, single throw, for new standard flat-footed rails, with foot 4″ wide, with 15 feet tongue, for angles 1 in 12.	75	11 1 0	,,	North Western ...	
		Complete, with lever boxes, single throw, for new standard flat-footed rails, with 12 feet tongue, for angles 1 in 8½.	75	10 0 0	,,		
14/262 — 26-9-92		Or points, complete, with lever boxes, for new standard rails, steel, flat-footed, 4″ foot, length of tongues 12 feet, for crossings, angles 1 in 12 and 1 in 8½.	75	10 15 0	Set.	Bareilly-Rampore-Moradabad.	
7/12 — 2-2-92	Switches—*concld.*	For old standard rails, complete, with lever boxes, length of tongue 15 feet.	75	11 2 6	,,	Lucknow-Rae-Bareilly-Jaunpur.	
		For old standard rails, complete, with lever boxes, length of tongue 12 feet.	75	10 5 0	,,		
7/161 — 9-2-92		Complete, with lever boxes, single throw, for old standard I. S. R. flat-footed rails, with 12 feet tongue rails.	75	10 3 6	,,	North Western.	

CLASS OF STORES D.—PERMANENT-WAY MATERIALS—*contd.*

METRE GAUGE.

Contracted for in 1892.

Contract number and date.		Articles.	Details.	Weight per yard of rails.	Rate—Free on Board. Amount.	Unit.	For what railway.	Remarks.
				lbs.	£ s. d.			
6/66	11-1-92	Bolts, fish ...	Steel, with nuts and washers, for rails, steel, flat-footed.	50	13 15 0	Ton	Bengal-Assam ...	Weight of 1 bolt, nut and washer 15 oz.
8/447	30-3-92		Steel, with nuts and washers, $3\frac{1}{2}'' \times \frac{3}{4}''$, screwed for a length of $2''$, for steel rails.	41¼ & 50				
"	"		Steel, with nuts and washers, $4'' \times \frac{3}{4}''$, screwed for a length of $2\frac{1}{4}''$, for steel rails.	41¼ & 50				
12/46	4-7-92		Steel, with nuts and washers, for flat-footed steel rails.	41¼	13 2 6	"	Mu Valley.	
15/139	13-10-92		Steel, with nuts and washers, $1\frac{1}{8}'' \times \frac{3}{4}''$, for deep web fish-plates, for steel rails, flat-footed.	41¼	18 17 6	"	Burma ...	Weight of 1 bolt, nut and washer, 11·31 oz.
6/61	11-1-92		Steel, built up, for rails, steel, flat-footed, angles 1 in 12 and 1 in 9½.	50	5 16 0	Set.	Bengal-Assam.	
9/39	6-4-92		Steel, built up, for rails, steel, flat-footed, angle 1 in 9½.	50	5 17 6	Set.	Burma.	
12/267	18-7-92		Steel, built up, for rails, steel, flat-footed, angle 1 in 9½.	41¼	4 17 0	"	Mu Valley.	
6/61	11-1-92	Crossings ...	Steel, built up, for rails, steel, flat-footed, angle 1 in $6\frac{3}{4}$.	50	5 16 0	"	Bengal-Assam.	
9/39	6-4-92		Steel, built up, for rails, steel, flat-footed, angle 1 in $6\frac{3}{4}$.	...	5 17 6	"	Burma.	
			Spare parts of—					
13/296	20-8-92		Chairs, A, B, C and D, for steel rails, angle 1 in 10½.	50	0 5 0	Each.	Burma.	
			Keys for ditto	...	0 0 2	"		
			Chairs, A, B, and C, for steel rails, angle 1 in 7½.	50	0 5 0	"		
			Keys for ditto	...	0 0 2	"		
6/177	19-1-92	Plates, bearing...	For rails, steel, flat-footed	50	8 15 0	Ton.	Bengal-Assam ...	Estimated weight of one bearing plate, 3 lbs.
6/15	4-1-92		Steel, for rails, steel, flat-footed	50	6 5 0	"	Bengal-Assam ...	28 lbs. per pair.
8/235	15-3-92	Plates, fish ...	Steel, for rails, steel, deep web pattern ...	50	6 2 6	"	Burma.	
12/18	1-7-92		Steel, for rails, steel, ordinary pattern ...	41¼	7 10 0	"		9 lbs. 2 oz. per pair.
			Steel, for flat-footed steel rails, ...	41¼	6 13 9	"	Mu Valley. ...	9 lbs. 2 oz. per pair.
8/253	15-3-92		Special, for connecting 41¼ and 50 lbs. rails...	41¼ & 50	1 6 0	Set of 4	Burma.	

CLASS OF STORES D.—PERMANENT-WAY MATERIALS—*contd.*

METRE GAUGE.

Contracted for in 1892.

Contract number and date.	Articles.	Details.	Weight per yard of rails.	Rate—Free on Board. Amount.	Unit.	For what railway.	Remarks.
			lbs.	£ s. d.			
8/165 { 11-3-92		*Spare parts of—contd.*					
12/17 { 1-7-92		Steel, flat-footed, 30 feet long	50	4 14 0	"	Burma.	
16/238 { 17-11-92	Rails ...	Steel, flat-footed, in lengths of 30 feet, with proportionate shorter lengths of 27 and 24 feet.	41¼	4 12 6	"	Mu Valley.	
6/13 { 4-1-92		Steel, flat-footed, in lengths of 18 feet, with holes bored in flanges on each side, 7/16" diameter and 2 feet apart.	18	6 0 0	"	Umaria Colliery.	
12/192 { 13-7-92		W. I., 4¾" × ½", for steel rails	50	11 15 0	"	Bengal-Assam ...	lbs. 1 set of 4 spikes=2·12
15/219 { 20-10-92	Spikes, dog ...	" 4¾" × ½", for flat-footed steel rails ...	41¼	11 17 0	"	Mu Valley.	
10/225 { 27-5-92		" 5¼" × ¾", for steel rails	18	18 0 0	"	Umaria Colliery.	
		" 3½" long, for use on timber sleepers ...	18	18 0 0	"	Jerbat.	
6/61 { 11-1-92		*Complete, to suit crossings, steel, built up, for rails, steel, flat-footed—*					
		12 feet tongue, for angle 1 in 12 ...	50	8 4 0	Set	Bengal-Assam.	
12/207 { 18-7-92		" " " " 1 in 9½ ...					
6/61 { 11-1-92		" " " " 1 in 9¼ ...	41¼	7 14 0	"	Mu Valley.	With lever boxes complete.
		9 feet " " " 1 in 6¾ ...	50	7 13 0	"	Bengal-Assam.	
	Switches ...	For steel rails, single throw, 12 feet tongue, complete.	41¼	8 3 0	"		
9/39 { 6-4-92		Ditto ditto ditto ...	50	8 5 6	"	Burma.	
		With crossings complete, in one piece, 3 way	18	9 10 0	Each		
17/154 { 9-12-92		" " " " ...	"	5 7 6	"	Umaria Colliery.	
		" " " " 2 way...	"	4 12 6	"		
		Spare parts of—					
10/228 { 27-3-92		Block heel (castiron)		0 4 0	"	Burma.	
15/142 { 13-10-92		Lever box casting, finished and painted ...		0 18 0	"	Bengal-Assam.	
		Steel studs, with steel cotters in sets, for :					
10/228 { 27-3-92	Switches or points...	Slide chains	50	0 5 0	"	Burma.	
		W. I. gauge bars		0 5 0	"		
		" connecting rods, with 2 pins, washers, and split pins		0 6 0	"		

CLASS OF STORES D.—PERMANENT-WAY MATERIALS.

METRE GAUGE.

Contracted for in 1892.

Contract number and date.	Articles.	Detail.	Weight per yard of rails.	RATES—FREE ON BOARD. Amount.	Unit.	For what railway.	REMARKS.
		Spare parts—*concld.*	lbs.	£ s. d.			
10/228 — 27-3-92		Bolts and nuts in sets, complete		0 15 0	Each.		
		Levers		0 5 0	"		
		Lever boxes		1 0 0	"		
15/215 — 19-10-92	Switches or points—*concld.*	" weights	41¼	0 10 0	"		
		" handles		0 10 6	"	Burma.	
		" connecting rods		0 8 0	"		
		" " pins		0 2 6	"		

Appendix A to the Rate List for Class D Stores for 1892.

Statement showing the number and weight of different descriptions of permanent-way materials to be indented for, for one mile of track. (Single line).

1837/11

Particulars.	Unit.	Rails, steel, flat-footed, 75 lbs. per yard, (new L. & N. W. R. standard), with 4-holed fish-plates.						Rails, steel, flat-footed, 75 lbs. per yard (E. C. R. pattern), with 5-holed fish-plates.					
		In 30 feet lengths only.			In assorted lengths of 30, 27 and 24 feet.			In 30 feet lengths only.			In assorted lengths of 30, 27 and 24 feet.		
		Weight of each unit.	Number required per mile including allowance for waste.	Weight per mile.	Weight of each unit.	Number required per mile including allowance for waste.	Weight per mile.	Weight of each unit.	Number required per mile including allowance for waste.	Weight per mile.	Weight of each unit.	Number required per mile including allowance for waste.	Weight per mile.
		lbs.		Tons.	lbs.		Tons.	lbs.		Tons.	lbs.		Tons.
Rails	Each	750	352	117·86	...	356*	118·06†	750	352	117·86	...	356*	118·06†
Fish-plates	Pair	32·00	361	5·16	32·00	365	5·21	27·5	361	4·43	27·5	365	4·48
Fish-bolts with nuts and washers.	Set	7·50	370	1·24	7·50	373	1·24	10·10	370	1·67	10·10	373	1·68
Bearing plates, when used throughout.	Pair	17·16	2,050	15·70	17·16	2,050	15·70	13·30	2,050	12·17	13·30	2,050	12·17
Bearing plates, when used on sleepers next to joints only.	Pair	17·16	361	2·76	17·16	365	2·79	13·30	361	2·14	13·30	365	2·16
Spikes, when the line is fully spiked with 8 spikes to each sleeper.	Set of four	2·80	4,400	5·50	2·80	4,400	5·50	2·8	4,400	5·50	2·8	4,400	5·50
Spikes, when the sleepers next to the joints are fully spiked and the others with 4 spikes each.	Set of four.	2·80	2,587	3·23	2·80	2,591	3·23	2·8	2,587	3·23	2·8	2,591	3·24
Sleepers, steel, transverse.	Each	120	2,000	107·14	120	2,000	107·14	120	2,000	107·14	120	2,000	107·14
Sleepers, steel, transverse.	Each	135	2,000	120·54	135	2,000	120·54	135	2,000	120·54	135	2,000	120·54
Keys for steel sleepers.	Pair	1·98	2,150	1·90	1·98	2,150	1·90	2·16	2,150	2·07	2·16	2,150	2·07
Weight per mile of material for steel sleeper road.		120 lbs. sleepers.		233·30			233·55			233·17			233·43
Weight per mile of material for steel sleeper road.		135 lbs. sleepers.		246·70			246·95			246·57			246·63

Particulars.	Rails, steel, flat-footed, 50 lbs. per yard, with 4-holed fish-plates.						Rails, steel, flat-footed, 41½ lbs. per yard, with 4-holed fish-plates.						Remarks.
	In 30 feet lengths only.			In assorted lengths of 30, 27 and 24 feet.			In 30 feet lengths only.			In assorted lengths of 30, 27 and 24 feet.			
	Weight of each unit.	Number required per mile including allowance for waste.	Weight per mile.	Weight of each unit.	Number required per mile including allowance for waste.	Weight per mile.	Weight of each unit.	Number required per mile including allowance for waste.	Weight per mile.	Weight of each unit.	Number required per mile including allowance for waste.	Weight per mile.	
	lbs.		Tons.	lbs.		Tons.	lbs.		Tons.	lbs.		Tons.	
	500	352	78·57	...	356*	78·70†	412·5	352	64·82	...	356*	64·23†	* *Actual.* No. 352·9 of 30 feet. " 354·6 of 27 " " 356 of 24 "
	28	361	4·51	28	365	4·56	9·125	361	1·47	9·125	365	1·49	
	3·75	370	0·62	3·75	373	0·62	3·75	370	0·62	3·75	373	0·62	† This is the weight of 356 rails of assorted lengths.
	6	2,050	5·49	6	2,050	5·49	4·54	2,050	4·15	4·54	2,050	4·15	
	6	361	0·97	6	365	0·98	4·54	361	0·73	4·54	365	0·74	The following allowances have been made for waste, &c., over the actual requirements in case of permanent-way materials:— Rails ... 3½ per cent. Fish-plates ... 3½ per cent. Fish-bolts, &c. 5 " Bearing plates 5 " Spikes ... 10 " Keys for sleepers 5 " In case of sleepers, 5,000 should be ordered for the purpose of ballasting.
	2·12	4,400	4·16	2·12	4,400	4·16	2·12	4,400	4·16	2·12	4,400	4·16	
	2·12	2,587	2·45	2·12	2,591	2·45	2·12	2,587	2·45	2·12	2,591	2·45	
	75	2,000	66·96	75	2,000	66·96	69	2,000	61·60	69	2,000	61·60	
	...	...	...	...	...	...	...	...	...	...	...	...	
	1·25	2,150	1·19	1·25	2,150	1·19	1·25	2,150	1·19	1·25	2,150	1·19	
	75 lbs. sleepers.		151·85			152·03	69 lbs. sleepers.		129·76			129·99	
	...	...	...	...	...	...	...	...	...	...	...	...	

NOTE (1).—When assorted rails of 30, 27 and 24 feet lengths are used, the proportions are 94, 4 and 2 per cent. respectively.

NOTE (2).—In indents, the number, as well as the weight of the different items of permanent-way materials required, should be already specified

Appendix B. to the Rate List for Class D. Stores for the year 1892.

Statement showing the cost of material for one mile of single track.

WITH FLAT-FOOTED STEEL RAILS 75 LBS. PER YARD ON TRANSVERSE STEEL SLEEPERS (NEW INDIAN STATE RAILWAY STANDARD WITH FOUR-HOLED FISH-PLATES).

ITEMS.	Quantity to be delivered per mile of single track.	Charges incurred in England.					English charges converted to Indian currency at exchange 1s. 4d. to a rupee.	Landing charges in India, at Rs. 2 per ton.	Total cost delivered at port in India.
		Cost free on board at port in England.		Sea freight calculated at 10 shillings per ton.	Insurance at 1 per cent. on prime cost *plus* sea freight.	Total English Charges.			
		Per ton of material.	Per mile of single track.						
	Tons.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	Rupees.	Rupees.	Rupees.
English material—									
Rail	118·06	4 15 0	560 15 8	59 0 7	6 3 11	626 0 2	9,390·1	236·1	9,626·2
Fish-plates	5·21	6 5 0	32 11 3	2 12 1	0 7 0	35 10 4	532·7	10·4	543·1
Fish-bolts, with nuts and washers...	1·24	12 5 0	15 3 10	0 12 5	0 3 2	15 19 5	239·7	2·5	242·0
Transverse steel sleepers ...	122·44	5 10 0	673 8 5	61 4 5	7 6 11	741 19 9	11,130·7	244·9	11,375·6
Keys									
Total English Material ...	246·95	...	1,281 19 2	123 9 6	14 1 0	1,419 9 8	21,293·1	494	21,787
Indian material—									
No Indian material is required for this description of Permanent-way									...
Total cost of material for one mile of single track									21,787

WITH FLAT-FOOTED STEEL RAILS 75 LBS. PER YARD ON TRANSVERSE STEEL SLEEPERS (EAST COAST RAILWAY PATTERN.)

ITEMS.	Quantity to be delivered per mile of single track.	Charges incurred in England.					English charges converted to Indian currency at exchange 1s. 4d. to a rupee.	Landing charges in India, at Rs. 2 per ton.	Total cost delivered at port in India.
		Cost free on board at port in England.		Sea freight calculated at 10 shillings per ton.	Insurance at 1 per cent. on prime cost *plus* sea freight.	Total English Charges.			
		Per ton of material.	Per mile of single track.						
	Tons.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	Rupees.	Rupees.	Rupees.
English material—									
Rail	118·06	4 15 0	560 15 8	59 0 7	6 3 11	626 0 2	9,390·1	236·1	9,626·2
Fish-plates	4·43	6 5 0	28 0 0	2 4 10	0 6 1	30 10 11	458·0	9·0	467·0
Fish-bolts, with nuts and washers...	1·68	12 5 0	20 11 7	0 16 10	0 4 3	21 12 8	324·5	3·4	327·9
Transverse steel sleepers ...	109·21	5 10 0	600 13 1	54 12 1	6 11 1	661 16 3	9,927·1	218·4	10,145·5
Keys									
Total English Material ...	233·38	...	1,210 0 4	116 14 4	13 5 4	1,340 0 0	20,100	467	20,567
Indian material—									
No Indian material is required for this description of Permanent-way									...
Total cost of material for one mile of single track									20,567

WITH FLAT-FOOTED STEEL RAILS 50 LBS. PER YARD ON TRANSVERSE STEEL SLEEPERS (STATE RAILWAY PATTERN).

ITEMS.	Quantity to be delivered per mile of single track.	Charges incurred in England.					English charges converted to Indian currency at exchange 1s. 4d. to a rupee.	Landing charges in India, at Rs. 2 per ton.	Total cost delivered at port in India.
		Cost free on board at port in England.		Sea freight calculated at 10 shillings per ton.	Insurance at 1 per cent. on prime cost *plus* sea freight.	Total English Charges.			
		Per ton of material.	Per mile of single track.						
	Tons.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	Rupees.	Rupees.	Rupees.
English material—									
Rail	78·70	4 15 0	373 16 6	39 7 0	4 2 8	417 6 2	6,259·6	157·4	6,417·0
Fish-plates	4·56	6 5 0	28 10 0	2 5 7	0 6 2	31 1 9	466·3	9·1	475·4
Fish-bolts, with nuts and washers...	·62	13 15 0	8 10 6	0 6 2	0 1 9	8 18 5	133·7	1·2	134·9
Transverse steel sleepers ...	68·15	5 10 0	374 16 6	34 1 7	4 1 9	412 19 9	6,194·7	136·3	6,331
Keys									
Total English Material ...	152·03	...	785 13 6	76 0 3	8 12 4	870 6 1	13,054	304	13,358
Indian material—									
No Indian material is required for this description of Permanent-way									...
Total cost of material for one mile of single track									13,358

WITH FLAT-FOOTED STEEL RAILS 41½ LBS. PER YARD ON TRANSVERSE STEEL SLEEPERS (STATE RAILWAY PATTERN).

ITEMS.	Quantity to be delivered per mile of single track.	Charges incurred in England.					English charges converted to Indian currency at exchange 1s. 4d. to a rupee.	Landing charges in India, at Rs. 2 per ton.	Total cost delivered at port in India.
		Cost free on board at port in England.		Sea freight calculated at 10 shillings per ton.	Insurance at 1 per cent. on prime cost *plus* sea freight.	Total English Charges.			
		Per ton of material.	Per mile of single track.						
	Tons.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	Rupees.	Rupees.	Rupees.
English material—									
Rail	64·98	4 15 0	308 8 4	32 9 4	3 8 3	344 5 11	5,164·2	129·6	5,293·8
Fish-plates	1·49	6 5 0	9 6 3	0 14 11	0 2 0	10 3 2	152·4	2·9	155·3
Fish-bolts, with nuts and washers...	·62	13 15 0	8 19 6	0 6 2	0 1 9	8 18 5	133·7	1·2	134·9
Transverse steel sleepers ...	62·79	5 10 0	345 6 11	31 7 11	3 15 4	380 10 2	5,707·6	125·5	5,833·1
Keys									
Total English Material ...	129·89	...	71 2 0	64 18 4	7 7 4	743 17 8	11,158	259	11,417
Indian material—									
No Indian material is required for this description of Permanent-way									...
Total cost of material for one mile of single track									11,417

Appendix C to the Rate List for Class D

Stores for the year 1892.

Statement showing the carriage of material for one mile of single track.

1832
14

MATERIAL.	Weight for one mile of single track.	Carriage of one mile of material per one hundred miles of distance. (New I. S. Railway Standard 75 lbs., 5' 6" gauge.)					Weight for one mile of single track.	Carriage of one mile of material per one hundred miles of distance. (East Coast Railway Pattern, 5' 6" gauge.)					Weight for one mile of single track.	Carriage of one mile of material per one hundred miles of distance. (I. S. Railway Pattern 50 lbs., Metre Gauge.)					Weight for one mile of single track.	Carriage of one mile of material per one hundred miles of distance. (I. S. Railway Pattern 41½ lbs., Metre Gauge.)					Remarks.
		State Railways and East Indian Railway.		G. I. P. Railway.*	Bombay, Baroda and Central India Railway.	Rajputana-Malwa Railway.		State Railways and East Indian Railway.		G. I. P. Railway.*	Bombay, Baroda and Central India Railway.	Rajputana-Malwa Railway.		State Railways and East Indian Railway.		G. I. P. Railway.*	Bombay, Baroda and Central India Railway.	Rajputana-Malwa Railway.		State Railways and East Indian Railway.		G. I. P. Railway.*	Bombay, Baroda and Central India Railway.	Rajputana-Malwa Railway.	
		For first 400 miles. @ 4·08 pies per ton per mile.	For distance in excess of 400 miles. @ 2·72 pies per ton per mile.	@ 10·08 pies per ton per mile.	@ 10·89 pies per ton per mile.	@ 9·53 pies per ton per mile.		For first 400 miles. @ 4·08 pies per ton per mile.	For distance in excess of 400 miles. @ 2·72 pies per ton per mile.	@ 10·08 pies per ton per mile.	@ 10·89 pies per ton per mile.	@ 9·53 pies per ton per mile.		For first 400 miles. @ 4·08 pies per ton per mile.	For distance in excess of 400 miles. @ 2·72 pies per ton per mile.	@ 10·08 pies per ton per mile.	@ 10·89 pies per ton per mile.	@ 9·53 pies per ton per mile.		For first 400 miles. @ 4·08 pies per ton per mile.	For distance in excess of 400 miles. @ 2·72 pies per ton per mile.	@ 10·08 pies per ton per mile.	@ 10·89 pies per ton per mile.	@ 9·53 pies per ton per mile.	
	Tons.	Rupees.	Rupees.	Rupees.	Rupees.	Rupees.	Tons.	Rupees.	Rupees.	Rupees.	Rupees.	Rupees.	Tons.	Rupees.	Rupees.	Rupees.	Rupees.	Rupees.	Tons.	Rupees.	Rupees.	Rupees.	Rupees.	Rupees.	
English material	246·95	524·8	349·8	1,296·5	1,400·7	1,225·8	246·83	524·5	349·7	1,295·8	1,399·9	1,225·1	152·03	323·1	215·4	798·1	862·3	754·6	120·83	275·9	183·9	681·6	736·4	644·4	
Indian material																									
Total ...	246·95	524·8	349·8	1,296·5	1,400·7	1,225·8	246·83	524·5	349·7	1,295·8	1,399·9	1,225·1	152·03	323·1	215·4	798·1	862·3	754·6	120·83	275·9	183·9	681·6	736·4	644·4	

N.B.—Terminal charges are not included in the mileage rates for carriage, as it is understood that the material is loaded and unloaded by the owners.

* The rates given here for the G. I. P. Railway are applicable up to 400 miles of distance only.

G. C. Press, Silma.—No. 23 P. W. D.—14-6-93.—984.

[*General Distribution.*]

Circular No. 7.

7837
15

FROM

THE DIRECTOR GENERAL OF RAILWAYS,

TO

THE MANAGER, NORTH WESTERN RAILWAY.
THE MANAGER, OUDH AND ROHILKHAND RAILWAY.
THE MANAGER, EASTERN BENGAL STATE RAILWAY.
THE MANAGER, BURMA STATE RAILWAY.
THE ENGINEER-IN-CHIEF, MU VALLEY STATE RAILWAY.
THE ENGINEER-IN-CHIEF, EAST COAST STATE RAILWAY.
THE ENGINEER-IN-CHIEF, KISTNA BRIDGE.
THE ENGINEER-IN-CHIEF, MUSHKAF-BOLAN STATE RAILWAY.
THE ENGINEER-IN-CHIEF, LUCKNOW RAE-BAREILLY-BENARES RAILWAY.
THE ENGINEER-IN-CHIEF, GOONA-BINA RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, BHOPAL-UJJAIN RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, BENGAL DOOARS RAILWAY.
THE ENGINEER-IN-CHIEF, KALKA-SIMLA RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, CUTTACK-MIDNAPUR RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, MANDALAY KUNLONG RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, WAZIRABAD RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, DELHI MINCHINABAD RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF MARI ATTOCK RAILWAY AND GRADIENT IMPROVEMENT WORKS, NORTH WESTERN RAILWAY.
THE PORT STOREKEEPER, STATE RAILWAY DEPARTMENT, CALCUTTA.

Rate List, Class D.—Permanent-way materials for 1892.

Simla, the 7th June 1893.

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 1892.

2. The statement has been divided into two parts, the first part (pages 1 to 9) affords information regarding materials for 5′ 6″ gauge railways, and the second part (pages 10 to 14) 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 during 1892 at the various ports is prefixed for information.

4. Statements showing the number and weight, cost, and carriage, of different descriptions of permanent-way materials to be indented for, for one mile of track (single line), are attached as appendices A, B and C.

I have the honour to be,

SIR,

Your most obedient Servant,

R. A. SARGEAUNT, Lieut.-Col., R.E.,

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 1892.
3. Statements showing number and weight, cost, and carriage, of different descriptions of permanent-way materials to be indented for, for one mile of track (single line).

The Secretaries to the Governments of Madras, Bombay, 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 in Mysore, Public Works Department.
The Secretaries to the Agents to the Governor-General, Rajputana and Central India, and Baluchistan, Public Works Department.
The Superintendent of Port Blair and Chief Commissioner, Andaman and Nicobar Islands.
The Director General of Telegraphs.
The Director General of Military Works.
The Chief Engineer, Kashmir.
The Accountant-General, Public Works Department.
The Accountant-General, Bengal.
The Consulting Engineers for Railways, Madras and Bombay.
The Consulting Engineers to the Government of India for Railways, Calcutta, Lucknow, Central Division and Assam.

Copy forwarded to the Local Governments, and Administrations, and to the Officers noted in the margin, for information, with the intimation that all Railway Administrations have been supplied with copies direct.

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

To

THE

[*General Distribution.*]

1832
16

Circular No. 7.

FROM

THE DIRECTOR GENERAL OF RAILWAYS.

To

THE MANAGER, NORTH WESTERN RAILWAY.
THE MANAGER, OUDH AND ROHILKHAND RAILWAY.
THE MANAGER, EASTERN BENGAL STATE RAILWAY.
THE MANAGER, BURMA STATE RAILWAY.
THE ENGINEER-IN-CHIEF, MU VALLEY STATE RAILWAY.
THE ENGINEER-IN-CHIEF, EAST COAST STATE RAILWAY.
THE ENGINEER-IN-CHIEF, KISTNA BRIDGE.
THE ENGINEER-IN-CHIEF, MUSHKAF-BOLAN STATE RAILWAY.
THE ENGINEER-IN-CHIEF, LUCKNOW RAE-BARELLY-BENARES RAILWAY.
THE ENGINEER-IN-CHIEF, GOONA-BINA RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, BHOPAL-UJJAIN RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, BENGAL DOOARS RAILWAY.
THE ENGINEER-IN-CHIEF, KALKA-SIMLA RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, CUTTACK-MIDNAPUR RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, MANDALAY KUNLONG RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, WAZIRABAD RAILWAY SURVEY.
THE ENGINEER-IN CHIEF, DELHI MINCHINABAD RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF MARI ATTOCK RAILWAY AND GRADIENT IMPROVEMENT WORKS, NORTH WESTERN RAILWAY.
THE PORT STOREKEEPER, STATE RAILWAY DEPARTMENT, CALCUTTA.

Rate List, Class D.—Permanent-way materials for 1892.

Simla, the 7th June 1893.

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 1892.

2. The statement has been divided into two parts, the first part (pages 1 to 9) affords information regarding materials for 5′ 6″ gauge railways, and the second part (pages 10 to 14) 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 during 1892 at the various ports is prefixed for information.

4. Statements showing the number and weight, cost, and carriage, of different descriptions of permanent-way materials to be indented for, for one mile of track (single line), are attached as appendices A, B and C.

I have the honour to be,
SIR,
Your most obedient Servant,

R. A. SARGEAUNT, Lieut.-Col., R.E.,
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 1892.
3. Statements showing number and weight, cost, and carriage, of different descriptions of permanent-way materials to be indented for, for one mile of track (single line).

The Secretaries to the Governments of Madras, Bombay, 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 in Mysore, Public Works Department.
The Secretaries to the Agents to the Governor-General, Rajputana and Central India, and Baluchistan, Public Works Department.
The Superintendent of Port Blair and Chief Commissioner, Andaman and Nicobar Islands.
The Director General of Telegraphs.
The Director General of Military Works.
The Chief Engineer, Kashmir.
The Accountant-General, Public Works Department.
The Accountant-General, Bengal.
The Consulting Engineers for Railways, Madras and Bombay.
The Consulting Engineers to the Government of India for Railways, Calcutta, Lucknow, Central Division and Assam.

Copy forwarded to the Local Governments, and Administrations, and to the Officers noted in the margin, for information, with the intimation that all Railway Administrations have been supplied with copies direct.

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

To

THE

[*General Distribution.*]

Circular No. 7.

FROM

1837
17

THE DIRECTOR GENERAL OF RAILWAYS.

To

THE MANAGER, NORTH WESTERN RAILWAY.
THE MANAGER, OUDH AND ROHILKHAND RAILWAY.
THE MANAGER, EASTERN BENGAL STATE RAILWAY.
THE MANAGER, BURMA STATE RAILWAY.
THE ENGINEER-IN-CHIEF, MU VALLEY STATE RAILWAY.
THE ENGINEER-IN-CHIEF, EAST COAST STATE RAILWAY.
THE ENGINEER-IN-CHIEF, KISTNA BRIDGE.
THE ENGINEER-IN-CHIEF, MUSHKAF-BOLAN STATE RAILWAY.
THE ENGINEER-IN-CHIEF, LUCKNOW RAE-BAREILLY-BENARES RAILWAY.
THE ENGINEER-IN-CHIEF, GOONA-BINA RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, BHOPAL-UJJAIN RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, BENGAL DOOARS RAILWAY.
THE ENGINEER-IN-CHIEF, KALKA-SIMLA RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, CUTTACK-MIDNAPUR RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, MANDALAY KUNLONG RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, WAZIRABAD RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, DELHI MINCHINABAD RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF MARI, ATTOCK RAILWAY AND GRADIENT IMPROVEMENT WORKS, NORTH WESTERN RAILWAY.
THE PORT STOREKEEPER, STATE RAILWAY DEPARTMENT, CALCUTTA.

Rate List, Class D.—Permanent-way materials for 1892.

SIR,

Simla, the 7th June 1893.

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 1892.

2. The statement has been divided into two parts, the first part (pages 1 to 9) affords information regarding materials for 5′ 6″ gauge railways, and the second part (pages 10 to 14) 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 during 1892 at the various ports is prefixed for information.

4. Statements showing the number and weight, cost, and carriage, of different descriptions of permanent-way materials to be indented for, for one mile of track (single line), are attached as appendices A, B and C.

I have the honour to be,
SIR,
Your most obedient Servant,

R. A. SARGEAUNT, Lieut.-Col., R.E.,
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 1892.
3. Statements showing number and weight, cost, and carriage, of different descriptions of permanent-way materials to be indented for, for one mile of track (single line).

The Secretaries to the Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, and the Punjab, Public Works Department.
The Secretaries to the Chief Commissioners of the Central Provinces, Berars and Assam, Public Works Department.
The Secretaries to the Residents at Hyderabad, and in Mysore, Public Works Department.
The Secretaries to the Agents to the Governor-General, Rajputana and Central India, and Baluchistan, Public Works Department.
The Superintendent of Port Blair and Chief Commissioner, Andaman and Nicobar Islands.
The Director General of Telegraphs.
The Director General of Military Works.
The Chief Engineer, Kashmir.
The Accountant-General, Public Works Department.
The Accountant-General, Bengal.
The Consulting Engineers for Railways, Madras and Bombay.
The Consulting Engineers to the Government of India for Railways, Calcutta, Lucknow, Central Division and Assam.

Copy forwarded to the Local Governments, and Administrations, and to the Officers noted in the margin, for information, with the intimation that all Railway Administrations have been supplied with copies direct.

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

To

THE

General Distribution.]

Circular No. 7.

FROM

R.

To

THE DIRECTOR GENERAL OF RAILWAYS.

THE MANAGER, NORTH WESTERN RAILWAY.
THE MANAGER, OUDH AND ROHILKHAND RAILWAY.
THE MANAGER, EASTERN BENGAL STATE RAILWAY.
THE MANAGER, BURMA STATE RAILWAY.
THE ENGINEER-IN-CHIEF, MU VALLEY STATE RAILWAY.
THE ENGINEER-IN-CHIEF, EAST COAST STATE RAILWAY.
THE ENGINEER-IN-CHIEF, KISTNA BRIDGE.
THE ENGINEER-IN-CHIEF, MUSHKAF-BOLAN STATE RAILWAY.
THE ENGINEER-IN-CHIEF, LUCKNOW RAE-BARELLY-BENARES RAILWAY.
THE ENGINEER-IN-CHIEF, GOONA-BINA RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, BHOPAL-UJJAIN RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, BENGAL DOOARS RAILWAY.
THE ENGINEER-IN-CHIEF, KALKA-SIMLA RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, CUTTACK-MIDNAPUR RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, MANDALAY KUNLONG RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, WAZIRABAD RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, DELHI MINCHINABAD RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF MARI ATTOCK RAILWAY AND GRADIENT IMPROVEMENT WORKS, NORTH WESTERN RAILWAY.
THE PORT STOREKEEPER, STATE RAILWAY DEPARTMENT, CALCUTTA.

Rate List, Class D.—Permanent-way materials for 1892.

SIR, Simla, the 7th June 1893.

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 1892.

2. The statement has been divided into two parts, the first part (pages 1 to 9) affords information regarding materials for 5' 6" gauge railways, and the second part (pages 10 to 14) 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 during 1892 at the various ports is prefixed for information.

4. Statements showing the number and weight, cost, and carriage, of different descriptions of permanent-way materials to be indented for, for one mile of track (single line), are attached as appendices A, B and C.

I have the honour to be,
SIR,
Your most obedient Servant,

R. A. SARGEAUNT, Lieut.-Col., R.E.,
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 1892.
3. Statements showing number and weight, cost, and carriage, of different descriptions of permanent-way materials to be indented for, for one mile of track (single line).

P. W. CURRENT No. 5927

No 1714 W dy 29. 6. 93

The Secretaries to the Governments of Madras, Bombay, 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 in Mysore, Public Works Department.
The Secretaries to the Agents to the Governor-General, Rajputana and Central India, and Baluchistan, Public Works Department.
The Superintendent of Port Blair and Chief Commissioner, Andaman and Nicobar Islands.
The Director General of Telegraphs.
The Director General of Military Works.
The Chief Engineer, Kashmir.
The Accountant-General, Public Works Department.
The Accountant-General, Bengal.
The Consulting Engineers for Railways, Madras and Bombay.
The Consulting Engineers to the Government of India for Railways, Calcutta, Lucknow, Central Division and Assam.

Copy forwarded to the Local Governments, and Administrations, and to the Officers noted in the margin, for information, with the intimation that all Railway Administrations have been supplied with copies direct.

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

To

THE Secretary to the Government of Madras,
Public Works Department

60 S.C
Encl 1 (60 S.C)
Recd: 3.7.93

No 1837/W dy 13. July 1893

Communicated to the Officers of the Public Works Department for information.

14

DESPATCHED
14 JUL. 93

To
The S. Es
" C.A. to Govt
" C.Es for Irrign
" Supdt of Works, Perryar &c
" Engr. P.W.D.