

ANNUAL REPORTS.

Additional information  
for Annual report

Cleaner Car

8-34. Cleaners

Major repairs to body.  
 Body exterior repainted.  
 All power cables renewed.  
 Truck overhauled,  
 4" Axles replaced with 4 1/2" axles.  
 G. E. 67-35 H.P. Motors replaced  
 with W. H. 225-45 H.P. motors,  
 B. T. H. Controllers replaced with  
 W. H. T. I. F. controllers,  
 W. H. Resistance replaced with  
 G. E. resistance.

11

- 33

40-41

lathe 20" 7

~~20"~~

33" 13

- 33

The equipment in Cleaner car is  
now standard with our service  
trams

leage 3076

" 2232

" ~~3076~~ 96

" ~~2232~~ 83408

D J Irwin dhand  
16420

Motor

225

202

201

NOTE: Any additional information considered or values should  
accompany this form on an attached sheet.


MAINTENANCE REPORT - ROLLING STOCK

Ballarat 1963/1964

BODY SECTION:

Repainted completely  
(Externally and Internally)  
"Refresher" coat only  
Work performed on roofs -  
(1) Recovered  
(2) Painted  
(3) Patched

Car Nos. 13-14  
Car Nos. 11  
Car Nos. 14-26-28-34. Cleaners  
No. of Cars 9  
No. of Cars 6

Accident Repairs -

- (1) Major  
(necessitating rebuilding of portion of the body structure)
- (2) Minor  
(i.e. footsteps, staunchions, bumpers, etc.)

Car Nos. 12-33-11  
No. of Cars 14

TRUCK SECTION:

Overhauled completely

No. of wheel sets trued -  
(1) In situ

Car Nos. 27-32-33  
34-39-40-41  
20" - (11) In lathe 20" 7  
~~26 1/2~~ 33" 12 33" 13

Air receivers tested

Air Compressors overhauled

No. of brake blocks fitted

Car Nos. 27-32-33  
Car Nos. 39-42

No. of new tyres fitted

20" 2 1/2 Average Mileage 3076  
~~26 1/2~~ 33" 877 " " 2232  
20" 2 1/2 4 " " 3076  
~~26 1/2~~ 33" 877 28 " 72096  
" 2232 83408

No. of new centres fitted

20" 6 - Secondhand  
~~26 1/2~~ 33" " 16420

No. of new trolley wheels fitted

31

No. of armatures rewound

Make of Motor

No. of armatures changed due to electrical breakdowns

4 - "W.H. 225  
2 - G.E. 202  
1 - G.E. 201

NOTE: Any additional information considered of value should accompany this form on an attached sheet.

7th July, 1966. KGH.

State Electricity Commission of Victoria  
ELECTRICITY SUPPLY DEPARTMENT  
MID-WESTERN BRANCH

TRAMWAY DEPOT (FIVE DAY FORTY HOUR WEEK) ROSTER

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total
Shed Assistants	(A) 4.30-12.30	(A) 4.30-12.30			(N) 12-8	(N) 12-8	(N) 12-8	40
	(N) 12-8	(N) 12-8	6-11 12-3	6-11 12-3	6-11 12-3			40
			(N) 12-8	(N) 12-8	8-12 1-5	8-4	8-4	40
	6-11 12-3	6-11 12-3	(A) 4.30-12.30	(A) 4.30-12.30	(A) 4.30-12.20			40
	8-12 1-5	8-12 1-5	8-12 1-5			(A) 4-12	(A) 4-12	40

N - Night Shift

A - Afternoon Shift

Depot Foreman

ANNUAL REPORT 1957/58

WORKS SECTION

TRAMWAYS

A. Depot Operation

(1) General

(2) Personnel

B. Maintenance

Def. Trams removed from Service <sup>59-40</sup>

Motors 33, 19, 14, 12, 11, 30, 19, 33, 12, 33

Brakes 31, 34, 33, 32, 34

Lifeguards 13, 32, 12, 28

Rooflaking 14, 28, 38

Lighting 12, 17, 17, 28, 13, 14, 21

Wheels 21, 19, 14

Damaged 12, 27, 19, 12, 21, 17, 26, 14, 33, 25, 27  
20, 26, 38, 17, 12, 33

Resistance

Trolley poles 21, 42, 27, 38, 19, 27, 28, 28, 19

Brake valves 40

Line tractors 35, 42, 40, 41

Trucks 21, 21, 14, 35, 38, 30, 19

Broken window 20, 33

Controllers 12, 25, 41, 32, 12, 14, 34, 35, FIRE

Hot axle box 32, 43, 19, 38, 43, 43

Trolley bare 11

Comp 28

Electrical 33, 34, 27, 28

Younoz 11, 13, 11, 13

Body 20, 31, 25

1961

During the year the general appearance of the fleet deteriorated, due to the complete absence of autumn rain fall but frosts were prolonged and severe, of the paintwork, particularly adjacent to the depot.

the fleet was 470,727 miles previous year's figures.

Man Hours

- Permanent Way
- Ancillary Equipment
- Rolling Stock

Track Builders	1
Track Painters	1

30th June, 1958, was as

Depot Foreman

ANNUAL REPORT 1957/58

WORKS SECTION

TRAMWAYS

A. Depot Operation

- (1) General
- (2) Personnel

B. Maintenance

- (1) Rolling Stock
- (2) Mechanical Equipment
- (3) Electrical Equipment
- (4) Depot Equipment

C. Permanent Way

- (1) Personnel
- (2) General

D. Statistics

- (1) Segregation Track Gang Man Hours
- (2) Maintenance Report Form - Permanent Way
- (3) Maintenance Report Form - Ancillary Equipment
- (4) Maintenance Report Form - Rolling Stock

WORKSHOPS

- (1) Personnel
- (2) Schedule of Man Hours
- (3) General
- (4) Transport Maintenance
- (5) Fire Control
- (6) Safety

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Additional information for  
annual report

6 Hasps & staples, fitted to each of  
16 single truck trams.

6 Sets, crew weather blinds fitted  
Tram No 17 Saloon seats upholstered  
with foam rubber.

Headlight reflectors nickleplated  
on trams 43-40-21-25-41.

used ticket boxes fitted  
in trams 40-21-14-31

Lighting rewired from 6 lamp to  
5 lamp circuits in  
trams. 20-33-27-28-31-39-41

98 Trams removed from service  
due to accident damage and other  
various defects.

40 Side panel adverts fitted  
24 other " " "

Toilet block, Motorman's room at Depot  
and Foreman's office repainted  
internally

Spouting renewed on Motorman's  
room and Foreman's office

D J Lewis

1 - 50  
1 - 10 487  
1 - 25 291  

---

16 15 17  
580.742

Weekly mileages renewed.

33

1- 19439  
 1- 14209  
 1- 14614  
 1- 14244  
 1- 20072  
 1- 12310  
 1- 20835  
 1- 6674  
 1- 25651  
 1- 24942  
 1- 11620  
 1- 13326  
 1- 18107  
 1- 12892-~~107~~  
 1- 13250  
 1- 12865  
 1- 15276 ~~103~~  
 1- 165244  
 1- 26073 ~~103~~  
 1- 29533  
 1- 16862  
 1- 19792  
 1- 19263  
 1- 19324  
 1- 16852  
 1- 25599  
 1- 19104  
 1- 11262  
 1- 12854  
 1- 11454  
 1- 30094  
 1- 10487  
 1- 25291  
 16517  
 580742

State Electricity Commission of Victoria  
BALLARAT TRAMWAYS

WEEK ENDING SUNDAY 1962/63 TO DEPOT FOREMAN

Tram No.	Weekly Mileages	Total Mileages from 31st May, 1931.	Tram No.	Weekly Mileages	Total Mileages from 31st May, 1931.
11	22929.1		32	20972.1	
12	21842.6		33	24645.1	
13	25086.9		34	17428.2	
14	18700.7		35	18466.1	
17	24559.1		36	19274.5	
18	27194.8		37	11609.2	
20	21935.7		38	5016.5	
21	19117.4		39	14097.1	
26	22271.4		40	18884.4	
27	23163.1		41	16334.1	
28	17452.0		42	22147.5	
30	20709.7		43	6941.1	
31	23501.4				

Total Mileage. 484279.8.





Roof repainted 30, 31, 39, 42, 12, 36, 33, 31, 14-34

### Additional information

- 18 Worn brake levers were reconditioned ✓
- 5 Complete sets brake gear reconditioned ✓
- 2 Brake valves reconditioned ✓
- 1 Broken side frame repaired ✓
- 3 Trally boxes reconditioned ✓
- 6 Saloon seats recovered with Plastic cloth ✓
- 8 Destination scrolls renewed ✓
- Used ticket boxes fitted to 5 trams ✓
- Lighting on 10 trams have been rewired from 6 lamp to 5 lamp circuits to improve lighting ✓
- 3 Line breakers reconditioned ✓
- 2 Tail light batteries renewed ✓
- 20 Destination boxes ~~have~~ have been painted interior & exterior to improve light reflection

Additional information

- 18 Worn brake levers were reconditioned
- 5 Complete sets of brake gear were reconditioned
- 2 Motormans brake valves " "
- 3 Trolley bases " "
- 3 Line breakers



Roof repainted 30, 31, 39, 42, 12, 36, 33, 31, 14-34

GENERAL AND SPECIALISED SERVICES

Flinders Lane Garage	(15)	5,839	Dist. Protection	(4)	279
Shepparton Transport	(10)	3,738	Traralgon No. 2 Group	(5)	276
Metro. F/Cleaners Base/4th	(8)	3,067	Works Mech. Mt'nce. Grp. 6		276
Metro. F/Cleaners Base/4th	(7)	2,849	Dandenong Meter Tests	(8)	252
			Mt'nce. Grp. 8		235

*No. 9 Irwin  
Depot. Gouman*

*Balance for Regie Trams year ended June 30. 1960*

<i>Tram</i>	<i>34</i>	<i>20720</i>
	<i>35</i>	<i>15749</i>
	<i>38</i>	<i>22599</i>
	<i>39</i>	<i>16271</i>
	<i>40</i>	<i>16351</i>
	<i>41</i>	<i>22307</i>
	<i>42</i>	<i>21687</i>
	<i>43</i>	<i>19184</i>

<i>Other Trams</i>	<i>154869</i>
	<i>336844</i>
<i>Total for year</i>	<i>491713</i>



$$\begin{array}{r} (11) 685522 \\ 664905 \\ \hline 20617 \end{array}$$

$$\begin{array}{r} (12) 718042 \\ 698119 \\ \hline 19923 \end{array}$$

$$\begin{array}{r} (13) 679055 \\ 659485 \\ \hline 19570 \end{array}$$

$$\begin{array}{r} (14) 699430 \\ 675024 \\ \hline 24406 \end{array}$$

$$\begin{array}{r} (17) 719457 \\ 696865 \\ \hline 22592 \end{array}$$

$$\begin{array}{r} (18) 628652 \\ 620470 \\ \hline 8182 \end{array}$$

$$\begin{array}{r} (20) 851989 \\ 828136 \\ \hline 23853 \end{array}$$

$$\begin{array}{r} (21) 583537 \\ 562797 \\ \hline 20740 \end{array}$$

$$\begin{array}{r} (26) 881346 \\ 860865 \\ \hline 20481 \end{array}$$

$$\begin{array}{r} 27) 941712 \\ 920113 \\ \hline 21599 \end{array}$$

$$\begin{array}{r} (28) 887178 \\ 863808 \\ \hline 23370 \end{array}$$

$$\begin{array}{r} (30) 802786 \\ 778291 \\ \hline 24495 \end{array}$$

$$\begin{array}{r} (31) 799957 \\ 780058 \\ \hline 19899 \end{array}$$

$$\begin{array}{r} (32) 842277 \\ 815996 \\ \hline 26281 \end{array}$$

$$\begin{array}{r} (33) 809281 \\ 786371 \\ \hline 22910 \end{array}$$

$$\begin{array}{r} (34) 432386 \\ 412016 \\ \hline 20370 \end{array}$$

$$\begin{array}{r} (35) 454647 \\ 437473 \\ \hline 17174 \end{array}$$

$$\begin{array}{r} (36) 183721 \\ 165836 \\ \hline 17885 \end{array}$$

$$\begin{array}{r} (37) 50207 \\ 33811 \\ \hline 16396 \end{array}$$

$$\begin{array}{r} (38) 244669 \\ 227037 \\ \hline 17632 \end{array}$$

$$\begin{array}{r} (39) 271828 \\ 250405 \\ \hline 21423 \end{array}$$

$$\begin{array}{r} (40) 266139 \\ 248445 \\ \hline 17694 \end{array}$$

$$\begin{array}{r} (41) 167127 \\ 157466 \\ \hline 9661 \end{array}$$

$$\begin{array}{r} (42) 138612 \\ 122838 \\ \hline 15774 \end{array}$$

$$\begin{array}{r} (43) 137536 \\ 124153 \\ \hline 13383 \end{array}$$

Small

20617  
 19923  
 19570  
 24406  
 22592  
~~2321~~  
 107108

8182  
 23853  
 20740  
 20481  
 21599  
~~1231~~  
 94855

213370  
 24495  
 19899  
 26281  
 22910  
~~2231~~  
 116955

107108  
 94855  
 116955  
~~11111~~  
 318918

Bogies

20370  
 17174  
 17885  
 16396  
 17632  
~~2231~~  
 89457

21423  
 17694  
 9461  
 15774  
 13383  
~~2231~~  
 77935

89457  
 77935  
~~1~~  
 167392

318918 Smallcar  
 167392 Bogie  
~~1111~~  
 486310 Total

<u>33"</u>	<u>20"</u>
118	26
84	18
59	19
92	18
39	20
53	16
51	10
65	24
47	10
100	21
90	13
40	20
	<del>4</del>
<del>64</del>	215
818	



Roof repainted 30, 31, 39, 42, 12, 36, 33, 31, 14-34

SW ✓

Roof repairs 11, 42

818) 4863 10 (595)

8 4 50

7 4 50

18800

13900

26700

8050

8600

6900

### Brake blocks

33" = 818 used average mileage 2380

20" = 215 " " " 3116

Air receivers tested 12-18-34-35-38-40- ✓

Accidents Major 20-11-31 ✓

.. minor 1-1-1-1-1-1-1-1 ✓

new weather blinds 11-20-18-43-

Repaint complete 18-33-43 ✓

" Internal 33

Roof recovered ~~33~~ 33- ✓

" repaired 37, 38, 11, 18- ✓

" repainted 37, 38, 20, 33-43-31-35-32-18-37  
40-27-

Truck overhaul 37-13-43-42-38-35-~~37~~-12-~~17~~

Wheels ground 13-17-26-28-32-33

30-9600

8 4 50  
 7 4 50  
 5 3 00  
 12 5 00  
 12 4 00  
 15 7 00  
 19 3 00  
 25 0 00  
 17 9 00  
 20 8 00  
 19 9 00  
 20 19 00

18800  
 13900  
 26700  
 7450  
~~8200~~  
 8200  
 13700  
 26200  
 6000  
 9200  
 5600  
 13300  
 65

8050  
 8600  
 6900  
 8000  
 26000  
 14000  
 11600  
 9600  
 10200  
 13200  
 11300  
 53

185600  
 127450  
 149650

149050

127450

462100 = 34 wheels  
 118500  
580600

U.S. Trolley wheels average  
 12902 mile

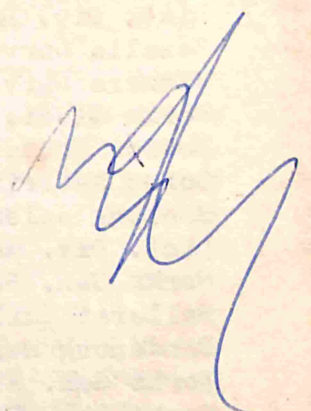
33" types used 28  
 20 1/4" " " 4

35/

37-18800  
 28-13900  
 30 26700+29-10.64  
 39-7450  
 42-8200  
 27-13700  
 30 26200  
 32 6000  
 39-9200  
 35-5600  
 34-13300

42 10200  
 20 13200  
 26-11300 7-4-65

28-10,000  
 40-8,200  
 37-7850  
 27-11500  
 36-10450  
 43-8,750  
 32-15600  
 12-13300  
 30-9600



# Trolley wheels

From 1-7-64 to 31-6-65

34 = 8450  
 40 = 7450  
 37 = 5300  
 32 = 12500  
 13 = 12400  
 41 = 15700  
 20 = 19300  
 18 = 25000  
 26 = 17900  
 17 = 20800  
 12 = 19900  
14 = 20900  
 37 = 18800  
 28 = 13900  
 30 = 26700 + 29-10-64  
 39 = 7450  
 42 = 8200  
 27 = 13700  
 30 = 26200  
 32 = 6000  
 39 = 9200  
 35 = 5600  
 34 = 13300

38 = 8050

~~36 = 176800~~  
~~159600~~  
17200

36 = 8600  
 30 = 6900  
 17 = 8000  
 11 = 26000  
 33 = 14000  
 13 = 11600  
 14 = 9600  
 42 = 10200  
 20 = 13200  
 26 = 11300

7-4-65

28 = 10,000  
 40 = 8,200  
 37 = 7850  
 27 = 11500  
 36 = 10450  
 43 = 8750  
 32 = 15600  
 12 = 13300  
 30 = 9600  
 11 = 12000  
 43 = 11250

~~442~~  
118500

45) 580600 (12902  
 45 11111  
130  
 90  
1406  
 405  
100