

The Times

Journal of the Australian Association of Time Table Collectors

RRP \$2.50

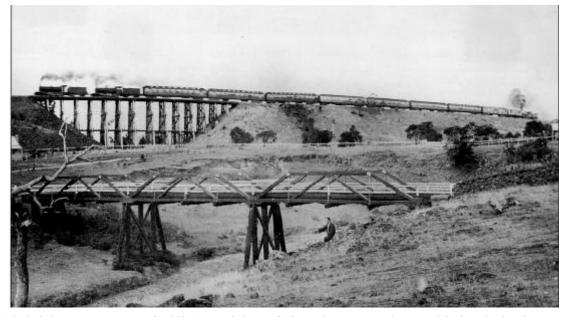
Print Publication No: 349069/00070, (ISSN 0813-6327

August, 2000

Issue No. 197 (Vol. 17 No.8)



Mon chéri! Un horaire sur une carte postale! (p10)



The Adelaide Express at Collie's Bridge. Crisp & Lane showed it in their time table (p3)

The Times

THE EXPRESS ON THE EXPRESS	3
THE BELAIR LINE	10
THE MANUNKACHUNCK CLOCK	10
TIMETABLE ON A POSTCARD	10
TO GEEELONG IN WARTIME	11
A SMALL BUS ROUTE IN THE ST GEORGE AREA	12
GRAPHIC INSIGHT	16

About The Times Times is published monthly by the Australian Association of Time Table Collectors (AATTC)

as our journal, covering historic and general items. Current news items are published in our other

journal, Table Talk.

The Times on-line AATTC's home page: http://www.aattc.org.au

Editor Geoff Lambert

Editorial Team Victor Isaacs, Duncan MacAuslan.

Contacting the Editor The Times welcomes articles and mail and will be pleased to receive yours. Please send articles

and letters to

Geoff Lambert, 179 Sydney Rd FAIRLIGHT NSW 2094

Email: G.Lambert@unsw.edu.au

Phone 61 2 9949 3521; Fax 61 2 9948 7862

How to submit copy

Submit paper manuscripts or word-processor files (MS Word preferred) on disk or via e-mail. Il-

lustrations should be submitted as clean sharp photocopies on white paper or scanned GIF format

images with at least 300dpi resolution on disk or via e-mail.

Editorial deadlines Contributions should reach the editor by the first day of the month before the month of publica-

tion.

Subscriptions Membership of AATTC is \$30 and includes subscriptions to both The Times and *Table Talk*. Indi-

vidual copies of both journals are available at \$2.50 per copy from the Railfan Shop in Victoria

and the ARHS bookshop in Sydney.

Reproduction Material appearing in The Times or *Table Talk* may be reproduced in other publications, provided

acknowledgment is made of the author and includes the words "The Times, journal of the Australian Association of Time Table Collectors". A copy of the publication which includes the refer-

ence must be sent to the editor.

Disclaimer Opinions expressed in The Times are not necessarily those of the Association or its members. We

welcome a broad range of views on timetabling matters.

AATTC Who's who

President	Duncan MacAuslan	11a Cheltenham St ROZELLE NSW 2039	(02) 9555 2667 0411 236 225
Vice-President	Chris Brownbill	37 Grange Rd BLACKBURN SOUTH Vic 3130	(03)9803-2880
Secretary	Glen Cumming	19 Peace St GLEN IRIS Vic 3146	(03) 9885-8546
Treasurer	David Cranney	PO Box 1657 TUGGERANONG ACT 2901	(02) 6294-2129
Auctioneer	Mark Peterson	43 Granault Pde CORIO Vic 3214	(03) 5275-5384
Distribution Officer	Victor Isaacs	PO Box E383 KINGSTON ACT 2604	(02) 6257-1742
Editor, The Times	Geoff Lambert	179 Sydney Rd FAIRLIGHT 2094	(02) 9949 3521
Editor, Table Talk	Albert Isaacs	Unit 5, Whitehall, 22 Burwood Rd HAWTHORN Vic 3122	(03) 9819-5080
Membership Officer	Stephen Ward	184 Karingal Drive FRANKSTON Vic 3190	(03) 9789-2263
Production Manager	Graeme Cleak	PO Box 315 NUNAWADING Vic 3131	(03) 9877-4130
Promotions Officer	Vacant		
Committee member	Derek Cheng	34 Orchard Rd BEECROFT NSW 2109 0416-182970	(02) 9614-1918,
Committee member	Graham Duffin	P.O. Box 74, Brisbane Roma St. Qld 4003	(07) 3275-1833
Adelaide Convenor	Robert Field	136 Old Mt Barker Rd STIRLING SA 5152	(08) 8339-2065
Brisbane Convenor	Dennis McLean	53 Barge St ARANA HILLS Qld 4054	(07) 3351-6496
Canberra Convenor	Ian Cooper	GPO Box 1533 CANBERRA ACT 2601	(02) 6254-2431
Melbourne Convenor	Albert Isaacs	Unit 5, Whitehall, 22 Burwood Rd HAWTHORN Vic 3122	(03) 9819-5080
Sydney Convenor	Robert Henderson	16 Cowrang Ave TERREY HILLS NSW 2084	(02) 9486-3828

"The Express" on the express

At the bottom of Gisborne Road in Bacchus Marsh, you can see an old colonial building, age about 150 years, beautifully restored. If you look in the window, you can spot an almost equally old printing press, also restored. On this press and in that building in 1890, in celebration of Bacchus Marsh's new railway, Crisp & Lane (right), the proprietors of the Bacchus Marsh Express produced their "Railway Guide Book and Time Table for Melbourne, Ballarat, Adelaide '4", which I, GEOFF LAMBERT, am now going to review.



he flat monotony of the extensive lava plains of western Victoria is interrupted in various places by outcrops and hills, but perhaps few are as noticeable and abrupt as that of the Rowsley Fault. Here, about 8 million years ago, the land westward of this north-south line was upthrust above the surrounding plains. Through this escarpment, the Werribee River has cut a gorge and, spreading out on the plains below, has further eroded a section of land so that in places the fault has an effective height of nearly 300 metres. This geological feature presents a barrier to transport and is a contributing factor in making one section of the Victorian railway system both scenically and operationally fascinating.

For the past century the Sunshine-Warrenheip line, has provided an alternative to the longer but more easily graded route to Ballarat through Geelong. The latter line was opened as early as 1862 to serve the burgeoning gold-field of Ballarat and was constructed to the prevailing English standards of its time. The Geelong-Ballarat section in particular was a well-graded and well-laid double-track main trunk railway and offered an admirable transport facility for goods flowing in either direction. The Melbourne-Geelong section, though also easily graded, was only single track.

In the last quarter of the nineteenth century, the agricultural wealth of the rich lava soil of Western Victoria was at last being fully realised. Like a great golden stain, fields of grain spread out around the already-established mining centres. The railways provided the only practicable means of transport and this agricultural expansion engendered a large amount of railway traffic. This increase

Kailway Guide Book

AND

TIME TABLE

FOR

MELBOURNE, BALLARAY, ADELAIDE

AND ALL INTERMEDIATE STATIONS,

ALSO

Gazette for Bacchus Marsh, Ballan, Melton, &c.,

AND

ALMANAC FOR 1891

ON SALE AT THE PRINCIPAL STATIONS ON THE OVERLAND LINE
BETWEEN MELBOURNE AND ADELAIDE.
ALSO PROCURABLE FROM THE PRINCIPAL BOOKSELLERS.

PRINTED AND PUBLISHED BY

CRISP & LANE,

"Express" Office, Bacchus Marsh.

[Copyright registered, and all rights reserved

TRAINS.—(Daily, Sunday excepted). DOWN.—Melbourne to Adelaide (S.A.)

IK	AL	NS.—(Dany, S	unuay					V N.—	-Me1	voul	ne t			ie (8	.A.)
.bove	om ne.	NAME OF STATION.			M E	TAB	15.2		1			T	RES.	HOLI	DAY
Height above the sea.	Miles from	Express stops at Stations italicised.	Mixed.	Mined.	Passenger	Bassenger	EXPRESS Sunday excepted.	lst & znc	Mixed. Saturdays only.	1st.	GLE.	lst.	2nd.	EXCUR	2nd.
feet.		Melbourne dep.	a.m. a.i	n. a.m.	a.m.	p.m. 2 45	p.m.	p.m.	p.m.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
18 50	1¼ 3¾	North Melbourne Middle Footscray		6 58		2 49 ¶									
80 124	$\frac{4_{2}^{1}}{7_{2}^{1}}$			¶ 7 8	11 58	3 3		7 5							
184	11	Deer Park		7 16	Noon			7 13		1 4	0 11	2 0	1 5		
365 393	18½ 23			7 32 7 43	12 22			7 29 7 40		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{bmatrix} 2 & 1 \\ 2 & 7 \end{bmatrix}$	4 9 5 9	3 3 4 0	4 0 4 9	2 6 3 0
464	293	Parwan		7 50	12 46	3 51		7 53		4 10 5 4	$\begin{bmatrix} 2 & 7 \\ 3 & 3 \\ 3 & 7 \end{bmatrix}$	7 3 8 0	5 0 5 6	6 0	3 9
$\frac{343}{526}$	31 ³ 34 ¹ / ₄	Bacchus Marsh d .		8 12	1 5	4 3 4 9	5 45			 5 8	3 9	8 6	59	70	4 3
1513	45	Ingliston (a.		9 2	1 55	4 50 5 7		8 41		7 6 8 3	5 0 5 6	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	7 6 8 3	9 6	5 9 6 3
1666 1674	$\frac{49^{1}_{2}}{52}$	Ballan d. Bradshaw's Creek		30 9 17					10 55 §	8 9	5 9	13 3	89	10 9	66
1879 1854	564 59	Gordons Millbrook	7	51 9 37				9 12	11 ³ 16		6 3 6	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	9 6 9	$\begin{array}{ccc} 12 & 0 \\ 12 & 3 \end{array}$	7 3 7 6
1940	613	Wallace	8	6 9 49	2 42	5 49		9 24	11 31	10 3	7 0	15 6	10 6	13 0	7 9
§	Wi Passen	ll stop to pick up or a gers desiring to alight give	set down] notice at p	essenger receding St	s. ation.			'rain is discont				stop to	pick up		
feet. 1845 1739		Bungaree Bunnastown	i.m. a.m 8 2 8 3	4 9 56	p.m. 2 49 2 59	p.m. 5 56 6 6	p.m. 	9 31 1	p.m. 1 40 1 1 52 1	0 9		16 3	11 0 1	13 3	s. d. 8 0 8 6
1725	693	Warrenheip	8 4		3 5	6 12	7.10								8 9 9 3
1413	731	Ballarat East	8 5		3 15 3 18	6 22 6 25									9 3
1415	74	Ballarat	6 25	Mxd. 10 50	Mxd. 3 45	3	Exp. Sa &Su.exc 7 40	Mxd. 10 25							
1408		Dowling Forest	6 41	\$ 11 12	\$ 45 4 15	Disc		\$ 10 47	- 1						.0 3 .0 6
1335 1310	833 87	Burrumbeet	$egin{array}{c cccc} 6 & 47 & \dots \\ 6 & 56 & \dots \\ 7 & 22 & \dots \end{array}$	11 21 11 47	4 24 4 52	onti		10 56 11 22	1	4 6	9 9	21 9	14 9	18 3 1	1 0
1218	-		7 22	Noon 12 10	5 22	Discontinued		11 35							3 0
- 1	102½ 112¾		8 5	12 34	5 55	at		Mo.ex. 12 23				İ			4 3
1110	1163	Buangor	8 20 8 50	12 45 1 14	$\begin{bmatrix} 6 & 7 \\ 6 & 32 \end{bmatrix}$	present.		12 34 12 56	1	9 6 1	3 0	29 3	19 6 2	24 6 1	4 9 5 9
- 1	1	(a	9 5	1 28	6 50	ent.	9 32	a.m. 1 10		1 9 1	4 6	32 9	21 9	27 3 1	.6 6
	131 136 }	Ararat {d.	9 20 9 35	1 47	7 0 7 15		9 38	1 30 1 45		22 9 1		34 3	23 0		7 3
783	1413	Great Western	9 50 0 12	0 40	7 30 7 55		 10 17	$\begin{array}{c c} 2 & 0 \\ 2 & 25 \end{array}$			5 9 6 9				17 9 18 9
	149 3 1541		0*25 0 38	3 31			10 32	$\begin{bmatrix} 2 & 50 \\ 3 & 7 \end{bmatrix}$			7 3				
	$162\frac{1}{2}$ 169	Walwal	1 7	3 55 §				3 46 4 1		27 3 1 28 3 1	8 3	$\begin{array}{ccc} 41 & 0 \\ 42 & 6 \end{array}$			20 6 21 3
			his Train								_	, -	, ,		
feet. 488	175	Lubeck	111 50 1	m. p.m.	3 a.m.	p.m.	p.m.	a.m. 4 16			19 6	3. 44 (s. d. 29 3	36 6	
465 460					<u></u>		11 40			31 0	20 9	46 6	31 3	38. 9	
498 435	1913	Dooen	12 58	$\begin{array}{c c} & 5 & 2 \\ & 5 & 4 \end{array}$	3		a.m			33 0	22 (0 49 €	33 0	41 3	24 9
434	1	("	1 30	6 1			12 15	5 46	·	34 0	\	51 (\	\	\
$\frac{447}{443}$		Wail	$\begin{bmatrix} 2 & 0 \\ 2 & 20 \\ 3 & 05 \end{bmatrix}$		5			6 8 6 23 6 38	3	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3 24	3 54 9	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	45 9	27 6
364	224	$\begin{cases} Dimboola & \dots \end{cases} \begin{cases} a \\ d \end{cases}$	1	$ \begin{array}{c c} & 7 & 2 \\ & 7 & 3 \end{array} $	}		1	Su, ex 0 6 50	.	\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	20	0 20 .	, ,,,		20 0
446	234	Gerang Gerung	. se	7 5			1 3	7 20		39 40			0 39 6 0 40 3		
481 475		Q 1: 1:	at pre	8 8 1	7		1 3		3	40			6 40 6		
431 506	248	Nhill	-	8 8 8 8	ა		1 5)	41	3 27	6 62	9 42 6	51 9	31 0
493	259	Diapur		9	9			8 58		43	3 28	9 65	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 54 (32 6
513 4 70	1	[] [0	. 😝	9 8	33 17		2 4	4 9 43	5						34 0
407 401	278	Lillimur		10	9		Ĩ	1.0	1	46	6-31	0 69	9 46 (5 58 3 59 (3 35 0
398		il	ι.	10		i	100	5 10 30						59 9	
*	Ac		Vill stop t	o pick uj		down	passen	gers.	Passe	ngers g	give no	tice at	preced	ing sta	tion.
39 8		Serviceton d.	Tue	Su. ex. p.m. xt 12 50	day		3 10*	12 50)]					
-		Wolseley †	ne	1 1 10			3 35*	1 12				:::			
		bordertown (d.		1 35			3 33* 5 22*	1 35							
	1	(d.		3 57	·	i	5 25* 6 50*	3 57							
	: 1	Murray Bridge $\begin{cases} a \\ d \end{cases}$. Mount Barker $\begin{cases} a \\ a \end{cases}$		6 25		(7 20* 8 38*	6 25							
1319		Junction. \updownarrow $\wr d$.		7 44		į	8 39*	7 44							
1392	4314	Aldgate a.		8 22 p.m.		} {	9 12*					1			
100	4823	Adelaide a .	.	9 30			10 10*	9 30		75 O	45 0	112 6	67 6		
		* Adalaida tin		± 01	ion <i>o</i> ro s	+ 37.01	color 4	on Vin	ovat on	and M	ount 1	Cambic	u linas		

TRAINS .- (Daily, Sunday excepted). UP. - Adelaide (S.A.) to Melbourne.

e			ij UA	TIP		ABL				1	FAR	EES.	
Height above the sea. Miles from Adelaide.	NAME OF STATION.		ESS Su. fed.	ger.	je.	<u>-</u>	ger.	Į,	day.	SIN	GLE.	RETU	JRN.
Heigh the Miles	Express stops at Stations italicised.	Mixed.	EXPRESS Sa. & Su. excepted. 1st & 2nd Cl.	Passenger.	Mixed.	Mixed	Passenger	Mixed	Mixed. Saturday only.	lst	2nd	1st	2nd
feet 100 —	ADELAIDE dep.	a.m.	p.m. 3 30	a.m.	a.m.	a m.	a.m. 6 50	p.m.	p.m.	s. d.	s. d.	s. d.	s. d.
1392 21	(a	_	4 29 4 32	_	-] =	7 56 7 59	_	=				_
1319 31	Mount Dauler Ca	=	4 58 5 0		_		8 35 8 38	_	_			_	_
53 60	i ca	=	6 5 6 30	=	_	_	10 0 10 15		_	_	_	_	_
72 114	i ca		7 54 7 57	=	_	=	12 5 12 9	_	_	[_		(=	_
269 18	2 D (a.	_	9 43			_	p.m. 2 33		-	_		_	
- 191	Wolseley (a.	_	9 46	_	=	=	2 37 3 5	_	_	_	_	-	_
398 196	Serviceton a Melbourne time		10 9* 10 34 †	=	_	_	$\begin{array}{c} 3 & 16 \\ 3 & 41 \end{array}$	_	_		=	=	_
							Mxd. a.m.	ĺ.,					
	Serviceton d		10 44	=	_	_	7 0 7 8 7 22	1 10	=	0 6	0 4 0 11	0 9 2 0	0 6 1 6
407 8 470 14	Kaniva		11 13	_	=	_	7 42	1 25 1 45	=	$\begin{bmatrix} 1 & 4 \\ 2 & 4 \\ 3 & 4 \end{bmatrix}$	1 7 2 3	3 6 5 0	2 6 3 6
513 20	Miram Piram $\begin{cases} a \\ d \end{cases}$. =	_	=	-	-	7 58 8 10	2 5	=	-	-	-	-
*	Adelaide time.	† Me	lbourne	time.									
feet. mls. $27\frac{1}{2}$ 506 $31\frac{1}{4}$	Diapur Tarranginnie	a.m. 		a.m.	a.m.	a.m.	a.m. 8 31 8 43	p.m. 2 30 2 40	p.m.	s. d. 4 8 5 2	s. d. 3 1 3 5	s. d 7 0 7 9	s. d. 4 9 5 3
431 381	Nhill		Sun, and Mon, exc, 12 0	_		-	9 4	3 30	_	6 6	4 3	9 9	6 6
475 441	Salisbury	-	a.m.			-	9 22	3 49		7 6	5 0	11 3	7 6
481 46 2 446 51 2	Kiata $\begin{cases} a \\ d \end{cases}$ Gerang Gerung		12 18 12 23	_			9 28 9 33	3 55	_	7 9	5 3	11 9	8 0
364 62	Dimboola (a.)	_	12 55	_			9 48	4 10 4 40	=	8 9 10 2	5 9 7 0	13 3 15 6	8 9 10 6
$egin{array}{c c} 443 & 67 \ 447 & 73 \ 1 \ \end{array}$	Wail Pimpinio	_	1 0	_		6 55 7 10	10 35 10 50	5 0	This	11 3	7 6	17 0	 11 3
434 83	Horsham 5 a.	_	1 45	_		7 25 7 45	11 10 11 45 Noon	5 35 6 10	s Train	12 3 13 9	8 3 9 3	18 6 20 9	12 6 14 0
435 881	Dooen (d.	_	1 50 —			8 0 8 15	12 0 12 15	6 30 6 45	is ritio	14 9	9 9	22 3	14 9
$\begin{array}{c cccc} 498 & 943 \\ 460 & 101 \end{array}$	Jung Jung Murtoa	_	2 23			8 37 9 0	12 39 12 59	7 6 7 26		15 9 16 9	10 6 11 3	23 9	15 9 17 0
$\begin{array}{c c} 465 & 106 \\ \hline 488 & 111 \\ \hline \end{array}$	Hopefield Lubeck	_	_		§	9 30	1 30	7 57	discontinued	18 9	12 6		18 9
526 117½ 567 (124	Walwal Glenorchy	_	_			§ 10 15	2 15	8 15 8 40	inue	19 9 20 9	13 3 13 9	29 9	20. 0 20. 9
$748 \begin{vmatrix} 132 \\ 136 \end{vmatrix}$	Deep Lead a a a	_	3 30			10 33 10 53	2 38 2 50	8 59 9 15	d at	22 0 22 9	14 9 15 3	33 0	22 3 23 0
783 1443	Great Western	_	3 40	-	6 45 7 7	11 8 11 30	3 3 3 3 24	9 30 9 55		24 3	16 3	~ \	24 6
955 150 1028 155	Armstrongs	_	_	_	7 39	11 46 12 2	3 38	10 15 10 30	present.	$ \begin{array}{ccc} 25 & 0 \\ 26 & 0 \end{array} $	16 9 17 3	37 6	25 3 26 0
	* Dobies	' '	4 15	, '	7 49	$12 \ 17$ $12 \ 32$	4 9	10 35 j 10 500		26 9	18 0 40	ا	 u,
1110 169 1157 173	Buangor	_	=	Q#	8 25 8 36	12 52 1 3	4 45	1 13 §	Off	28 3	19 0 45	6 28	6
1272 184	(α		5 11 5 16	at	9 2	1 35 1 41	-	a.m. 2 5	at		20 6 46		
1218 189 1315 199	Burrumbeet	_	_	present	9 16 9 43	$\begin{array}{ c c c c c } 1 & 57 \\ 2 & 27 \end{array}$	5 40 6 7	§ }	present.		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		
1330 202 1408 206		=	_	nt.	9 54 10 5	2 38 §	6 18	on con co	ent.	33 9 2	22 6 50 23 0 51	9 33	9
1415 212	$\frac{1}{2}$ Ballarat $\begin{cases} a \\ a \end{cases}$	-	6 13 Daily Sun. exc		10 21	3 10 Pass	6 48 Pass	1 28月	}	35 6 5	23 9 58	3 35	9
1413 213	Ballarat East	5 20 5 24	6 25 6 27	7 35 7 37	Pass 11 0 11 3	4 45 4 48	7 10 7 14	_	p.m. 9 10 9 13	35 6	23 9 58	3 3 35	- 9
$\begin{array}{c cc} 1725 & 216 \\ 1739 & 219 \end{array}$	Warrenheip	5 39 5 49		7 52 7 58	11 17 11 23	5 2 5 8	7 27 7 33	_	9 26 9 34	36 3 3	24 3 54 24 3 54	6 36	6
1845 222 1940 225	$\frac{1}{2}$ Bungaree	6 1 6 14	=	8 8 8 15	11 33 11 40	5 18 5 25	7 43 7 50		9 53	37 3	24 9 56 25 0 56	6 0 37	3
1854 227 1879 229	Millbrook	6 31	_	8 27	§ 11 52	5 37	8 2		0 17	38 0 2	25 3 57 25 6 57	0 38	
1674 234		6 53	7 9	§	§	§ 5 57	8 22	-	0 39	39 3 2	26 3 59 26 3 59	0 39	6
1666 237	Ballan a		7 12	8 47	p.m. 12 12	6 0	8 25	_	_	_	_	_	_
1513 241 526 252		=		8 57 9 39	12 22 12 59	6 10 6 46	8 41 9 9	=	= 1		27 0 60 28 0 63		
393 254	. ι (α		7 47 7 52	9 45	1 5	6 52 6 57	9 15 9 20	_	=	\	28_3 63	9 42	
§	Will stop when requ	aired.	Passeng				t must	give n					
464 257 1 393 263 <u>1</u>	Parwan Melton	=		10 9	1 16	7 3 7 15	9 26 9 39	_	{	44 0 2	8 6 6	6 0 44	0
365 268 184 275]	Rockbank Deer Park	_		10 36	1 39		9 49	-	- 1	46 0 3	9 9 6	0 46	3
124 279 80 282 50 2823	Braybrook Junction Footscray West Middle Footscray	-	=	+ 1	2 5 §	+ +	10 15	-	=	46 6 3	0 6	9 9 46	6 —
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	North Melbourne			11 1 11 5	2 21 2 25	8 15	10 31 10 35	=	=	47 9 3	2 0 7	1 9 48	-
			- 1	Off at present.									
	+ Will stop to set	down	naggenera	PE	8 Wi	ll ston	to pick	nn or	set de	ໝາກ ກາວ	angera		

was further augmented by the commencement of inter-colonial traffic which followed the opening of the through railway to South Australia in 1887.

Supplies and produce to and from Ballarat were funnelled into the Geelong-Ballarat line, a considerable amount of it being through traffic to Melbourne. Although the railway was well able to cope with this traffic, it suffered from the dual drawbacks of its roundabout route and the bottle-neck of the Melbourne-Geelong line. It was logical that any railway that could climb up from the plains in a more direct route would offer considerable savings in time and money. Pleas for a direct route began to be heard from about 1870 and were periodically revived by press and politicians in the succeeding 20 years.

By the mid-1880s, the back-bone for such a railway already existed although appearances suggest that it was never conceived to be part of a through route. A railway line from Ballarat already meandered through agricultural areas in the east to reach Gordons and Ballan. The line was of branch-line standard and followed a rather indirect route, probably to better serve the agricultural centres of Dunnstown, Bungaree and Wallace. This section was operated by a shuttle service of 3 or 4 mixed trains per day. A second line had been progressively extended westward from Braybrook Junction (Sunshine) first to Melton, then to Parwan and finally to Bacchus Marsh in 1887. This line served a similar purpose to that of the Ballan line but, because of the poor nature of the country through which it passed, drew most of its traffic from its terminus and saw only two mixed trains per day, although a conditional goods was also scheduled.

It was not for another two years that the connecting line between Ballan and Bacchus Marsh was constructed and it is a wonder the building of it did not take much longer. Although, by and large, the other sections of the line were over easy country, this 17-mile link had to negotiate the Rowsley fault and then run along a ridge separating the deeplydissected valleys of the Parwan Creek and the Werribee River. Over one section of six miles, a million and a half cubic vards of earth had to be shifted to form extensive embankments and cuttings, the most notable of the former being at Dog Trap Gully where the embankment was made to serve also as a water storage dam for engine purposes.

This was to lead to trouble. Partly by design and partly by force of political circumstance, the Bacchus Marsh station was built on the floor of the valley worn by the activity of three rivers. Thus, before the line could even begin the ascent of the Ingliston Bank proper, it had to fight its way up out of the valley to regain the height it had lost descending from the surrounding plains at Parwan. A more direct route which had been surveyed between Parwan and Rowsley would have eliminated the drop and the subsequent climb, but would have necessitated extensive bridgework over the Parwan Creek, besides saving only 24 chains and leaving Bacchus Marsh at the end of a stub line- a politically unpopular move. Crisp & Lane spent 3 pages of the Guide arguing in favour of this fait accompli.

The direct line was opened throughout on 4th December 1889. For more than three months after opening of the line, all through trains continued to run via Geelong until the rest of the line was brought up to mainline standard. In the meantime, a shuttle service operated between Bacchus Marsh and Ballan, connecting with the branch line trains already timetabled. The old Geelong to Warrenheip line was progressively converted to single track several years after the opening of "the Straight". Between 1890 and 1995, "the Straight" potentially formed a major link on the interstate railway, but operating constraints limited its usefulness until the middle of the next century.

Crisp & Lane's Guide Book and Time Table celebrated many aspects of the interstate line, but more particularly the section around Bacchus Marsh, describing it as "one of the loveliest to be met on any railway journey in any part of the world. 1/4 a picture of great beauty for its vastness of scope and variety of feature".

The booklet spent 33 pages in all describing the line and the sequence of places encountered by a traveller from Melbourne to Adelaide. But it also has 22 pages of timetable and associated information. Rather unusually for a book for public consumption, it contains also the timetables for a number of local goods trains and more unusually still, the schedules for two relief mail trains from Adelaide to Melbourne. And it is not content with Bacchus Marsh alone, it contains

a complete list of the many daily departures from Ballarat station.

Our first two illustrations (pp 4-5) show the passenger service in each direction between Melbourne and Adelaide. In the years before the opening of the through line, both Bacchus Marsh and Ballan had terminating services originating in Melbourne and Ballarat. In this 1891 timetable, perhaps surprisingly. Ballan has retained its local service, while Bacchus Marsh is served only by through trains. This was later to change- indeed by the time of the April 1891 Bradshaw, within the period covered by the Guide, it already had changed and Bacchus Marsh became the dominant terminal station, although a Ballarat-Ballan service continued to run until the 1960s. In neither this timetable, nor in the ones that preceded it, when Ballan was the terminus of a branch line, did trains linger in the town, certainly not overnight. Most of the passenger traffic would have been toward Ballarat in the morning and back again at night. Thus, the early morning Ballan-Ballarat train was formed by a probably empty one that left Ballarat at 5.20 a.m.. On Saturday nights, the Ballarat-Ballan theatre train (in reality probably the drinker's train) returned to Ballarat, arriving there early on Sunday morning. Who would have travelled by it? Probably no-one.

Goods traffic was rather local in nature and was to remain so for many decades. The Working Timetable of March 1891 shows basically the same goods train service, except that it also shows a conditional goods Ballarat-Ballan and Ballan-Melbourne. Crisp & Lane therefore showed nearly all of the goods trains in their timetable and we reproduce them on this page and the next. You will notice that the publishers used the terms "Down" and "Up" to describe these trains. Although the use of these terms in public railway timetables had a long history, it was rather uncommon by the end of the nineteenth century.

Whereas whatever local passenger trains there were terminated at Ballan, all the local goods trains terminated at Bacchus Marsh. There were not many of them. A daily return goods train came down from Ballarat and another came from Melbourne, with an extra from Melbourne on Sunday only. Only one through goods train ran each way each day and it was a very slow "roadside" goods, taking 7½ hours on the down and 9½ hours on the up journey. The Down journey was really

MELBOURNE TO BALLARAT (DOWN). GOODS AND MILK TRAINS.

STATIONS.	Goods & Milk.	Goods.	Goods.	Goods & Milk, Sunday.
Melbourne dep	a.m. 5 25	a.m.	a.m. 11 50	p.m. 3 50
North Melbourne Middle Footscray				
Braybrook Junction		_	Noon. 12 10	4 10
Deer Park Rockbank	6 33		12 30 1 0	$\begin{array}{c c} 4 & 30 \\ 5 & 0 \end{array}$
Melton Parwan	. 7 20	_	$\begin{array}{c c} 1 & 30 \\ 1 & 55 \end{array}$	5 20 5 45
Bacchus Marsh $\begin{cases} arr \\ dep \end{cases}$.	11 0	$\begin{array}{c c}2&5\\2&20\end{array}$	5 55
Rowsley	. —	$\begin{array}{c cccc} 11 & 6 \\ 12 & 0 \end{array}$	$\begin{array}{c c} 2 & 32 \\ 3 & 26 \end{array}$	_
Ballan $\begin{cases} arr \\ dep \end{cases}$		$\begin{array}{c c} 0 & 0 \\ 12 & 25 \end{array}$	$\begin{array}{c c} 3 & 40 \\ 4 & 0 \end{array}$	_
Bradshaw's Creek Gordons	: =	12 50	4 30	_
Millbrook Wallace	1	1 15	$\frac{-}{5}$ 25	
Bungaree Dunnstown		1 30	6 15	_
Warrenheip Buninyong Junction	. -	1 45 —	6 30 6 43	
Ballarat East Ballarat arr	1	1 57	$\frac{-}{6}$ 5	_

Goods Trains (except those consisting exclusively of live stock) may be stopped to pick up or set down passengers at any station outside the suburban Residential Area.

probably considerably longer than 71/4 hours because the table published in the Guide appears to contain errors, typographical and logical. The hour that elapses in each of the two sections Gordons-Wallace-Warrenheip is probably real enough because the train handled milk and chaff traffic en route. But the Ballarat arrival is shown as 6.5 p.m. after having passed Buningyong Junction at 6.43 p.m. Probably 7.5 p.m. was intended. Buninyong Junction itself soon disappeared and a third line was run between there and Ballarat East, which was itself, for all practical purposes, the Up end of the Ballarat goods yard.

As well as the daily Adelaide Express, the railways allowed for a special mail train to make onward connections from steamers arriving in Adelaide. Rather like the Great Western Railway's bid to shorten transatlantic times by meeting ships at Fishguard, this service shortened the London-Melbourne transit

time from about 60 days to 58. Passengers were carried, but it was principally a mail train. Two schedules were allowed for, although whether the alternatives were allowed as a concession to variable shipping arrival times, or for railway purposes is not clear. At any rate, Crisp & Lane's booklet showed them both (p9, top left), although with typesetters' errors. Neither train appeared in the Victorian Railway public timetable, nor are they easy to find in VR working time tables. Leaving Adelaide 3h20m or 6h30m behind the express, they arrived in Melbourne 4 or 7 hours behind it, so they were nearly as fast as the prestige train.

This page of Crisp and Lane's timetable contains also a selection of the usual supplementary information to be found in the official timetables. It was obviously much more expensive to travel between Adelaide and Melbourne if you were dead, or if you

were a horse travelling on your own. That is, unless, you were an *entire* horse, for which a 50% surcharge applied. There was no surcharge for either passengers or corpses in this condition, a state of affairs that was probably comforting for all.

In August 1891, during the Guide's almanac year, the much-ballyhooed Dog Trap Gully dam/embankment gave way during heavy rain. A brand-new working timetable, which had at last scheduled a greater number of through trains was invalidated before it even came into force and the service had to revert to its old local form while the embankment was rebuilt and a tunnel to carry the water drilled through it. Through running was suspended for 3 months.

The early 1890s were a time of severe economic depression and, in common with railways everywhere, the situation on the line remained very moribund. Six months after restoration of through service, as the recession really began to bite, the Adelaide express was again diverted to run via Geelong, being combined with the Port Fairy train in an attempt to save engine mileage. This state of affairs lasted until May 1897. The bulk of the train service on the line continued to be provided by trains which terminated at or started from either Ballan or Bacchus Marsh. The two conditional mail trains vanished from the timetable, as did three through passenger trains. Local goods traffic did not suffer unduly and, towards the end of the decade there was even a slight, though temporary, increase.

At this time, the timetables was so arranged that nearly all trains ran in the morning or early evening and the rest of the day was almost devoid of activity. The morning rush at Bacchus Marsh must have been quite a sight, with 4 trains in the yard and with the refreshment rooms serving breakfasts to passengers off the Adelaide Express and the Ballarat passenger train.

During the 1890s the practice of banking of express and passenger trains from Bacchus Marsh to Ingliston commenced. The timetable of March 1890 stated that a banking engine was to be stationed at Bacchus Marsh for this purpose, but it is not clear whether such an event really occurred. A simple coal-stage and an engine shed was provided at Bacchus Marsh, from early in 1891, presumably to cover the servicing of these engines. In 1893, a turnta-

ble was provided at Ballan, possibly also for these engines. It is possible that, instead of having a locallybased engine, bank engines were requisitioned off trains which were passing through Bacchus Marsh. Certainly this was true by the turn of the century, the first time such movement appeared in the working time table. In some later timetables, an engine was borrowed off a train at Ballan, ran back to Bacchus Marsh and assisted the train from there, returning to its own train later. The Adelaide Express was routinely banked out of Bacchus Marsh and our photo (front cover, bottom) reprints a popular photo of this working crossing Collie's Bridge near Rowsley early in the last century. As comprehensive as Crisp & Lane's timetable was and as keen as they were to show the milk train service, they did not show the light engine movements associated with the banking of the trains.

A network of lines to Scarsdale, Daylesford, Buninyong, Ballan and Waubra spread out around Ballarat. Ballarat was therefore an important railway centre with workshops, a large locomotive depot and the famous Phoenix Foundry which built so many of the State's locomotives. When the 1891 Guide was published, the population of Ballarat was about 50,000. Its railways served a regional population of over 100,000 and they appear to have been well-patronised, in 1891, everybody in Ballarat who travelled, travelled by train, and the train service was impressive. Crisp and Lane list 31 Saturday departures from Ballarat on 8 lines, in addition to the 14 found in the main line tables. These trains, shown in the table at top, right, would mostly be miners' trains- the areas they served (Creswick, Linton and Buninyong in particular) were peppered with working gold mines. As well, there could have been about 35 regular and conditional goods, firewood and powder train departures (10 on the western line towards Ararat, 5 towards Daylesford, 7 towards Maryborough and 13 on the Geelong line); 80 departures in all.

Nearly all of the passenger and mixed trains and a good number of the lines they ran on disappeared over the years. By the mid 1960s, Ballarat had only 11 or 12 departures per weekday on 5 lines. Now, even with the "new deal for passengers", only 10 trains a day pull out of Ballarat station. They are all headed for Melbourne, and they all travel via Bacchus Marsh. But even

BALLARAT TO MELBOURNE (UP).

GOODS AND MILK TRAINS.

STATIONS.	Goods.	Goods & Milk.	Goods.	Goods & Milk, Sunday.
	a.m.	a.m.	Noon.	p.m.
Ballarat dep .	6 50		12 - 0	
Ballarat East				
Buninyong Junction				<u></u>
Warrenheip	7 7	-	$12 \ 17$	
Dunnstown	7 20		$12 \ 30$	
Bungaree				
Wallace	8 20		1 15	
Millbrook	Í I			
Gordons	8 40		1.35	
Bradshaw's Creek	<u> </u>			
Dallan (arr.			2 - 5	
Ballan $\frac{\langle arr.}{\langle dep.}$	9 20		4 30	
Ingliston	9 39		4 50	<u> </u>
Rowsley	10 16		5 40	
Deal March (arr.	10 21		5 45	
Bacchus Marsh dep .		‡8 55	7 15	6 30
Parwan		9 5	7 53	6 40
Melton		9 30	8 15	7 5
Rockbank		9 50	8 35	7 25
Deer Park		10 45	9 0	7 55
Braybrook Junction		11 5	9 15	8 15
Footscray West	- 1			
Middle Footscray		•		
North Melbourne		, 		
Melbourne arr.		11 30	9 35	8 35

Passengers are not to be carried in either Goods or Milk Trains on Sundays without a special order from the Traffic Manager's Office. Nor at any time without complying with the conditions stated on page 25.

† This Train also carries passengers.

when Crisp & Lane published their booklet, all was not well with the trains - for there was a coal strike and many trains were "temporarily" cancelled as a result. You can see some of these cancellations in nearly each of the tables reproduced here. Some of these trains never returned.

This table refers to trains on the Dunkeld-Penshurst line, an exceptionally short-lived railway in the Western District. It was opened in August 1890, but the last train ran only 7 months later on 24 March 1891. It was formally closed forever in February 1898. Crisp & Lane's Guidebook is therefore one of the very few ever published to show the existence of trains on this line. Possibly the only other is the August 1890 VR public timetable.

The remainder of the booklet is devoted to a calendar of religious holidays, two pages of mathematical puzzles (none of them involving railway timetables), jokes, proverbs and advertisements.

The Crisp family continued to publish the Bacchus Marsh Express and to carry out local printing jobs for almost another 100 years, but it seems that their guidebook for 1891 was a "onceoff" effort— there is no record of any others at any rate. We wave farewell our western line passengers, as they prepare to flag down the train from a platform edged with Ballarat bluestone.

ictorian Railways' yellow card timetable 208 mm × 126 mm with 2 folds

This timetable (this page and over-

Mail Specials from Adelaide to Melbourne.

When necessary a Special Train will leave Adelaide either at 6.50 p.m. or 9 p.m., with mails ex incoming steamers, and reach Serviceton at 2.5 a.m. or 4.26 a.m. (Melbourne time) respectively. The trains will leave Serviceton at 2.40 a.m and 4.45 a.m. respectively, and are timed as follows for the stations named:-Lillimur, 2.59 a.m., -; Dimboola, 4.52 a.m., 6.55 a.m.; Horsham, 5.38 a.m., 8.0 a.m.; Jung Jung, 5.59 a.m., -; Lubeck, 6.30 a.m., —; Stawell, 7.25 a.m., 10.15 a.m.; Armstrongs, 7.55 a.m., —; Ararat, 8.7 a.m., 10.58 a.m.; Buangor, 8.32 a.m., 11.29 a.m.; Beaufort, 9.5 a.m., 12 noon; Burrumbeet, 9.35 a.m., -; Windermere, 9.51 a.m., Ballarat, 10.10 a.m., 1.15 p.m.; Warrenheip, 10.20 a.m., 1.25 p.m.; Ballan, 11.5 a.m., 2.7 p.m.; Ingliston, 11.13 a.m.; 2.47 p.m.; Rockbank, 12.22 p.m., 3.27 p.m.; Deerpark, 12.35 Rowsley, 11.35 a.m., -; Bacchus Marsh, 11.45 a.m., 2.47 p.m., ; ABraybrook Junction, 12.41 p.m., 3.46 p.m.; Melbourne, 1 p.m., 4.3 p.m.

A passenger carriage or carriages are attached at Adelaide for any passengers who may wish to travel by this special. Usual Steamship fares are charged.

Through Booking between Adelaide and Sydney or Brisbane.

Passengers are booked through between Adelaide and Sydney or Brisbane, or vice-versa, at rates detailed on pages 226 and 227 of Victorian Railways Book Time tables. Special facilities as to fares and breaking journey are afforded to passengers by steamers.

Horses between Melbourne and Adelaide.

One horse, 6d. per mile, and each additional horse in the same box for the same owner, $1\frac{1}{2}d$. per mile. One Entire to be charged 9d. per mile.

CORPSES to Adelaide from Melbourne, or vice versa, £ 16 19s. 6d.

DOGS between Melbourne and Adelaide, 10s. cach.

TRAINS ON BRANCH LINES FROM THE MAIN LINE.

Trains leave Ballavat for Buninyong Line at 5.15 a.m*., 7.5 a.m., 8.40 a.m*., 9.55 a.m., 11.25 a.m., 1.10 p.m*., 2.40 p.m., 4.40 p.m., 6.20 p.m*., 8 p.m., (11 p.m. Saturdays only.)

Trains leave Ballarat for Scarsdale and Linton Line at 9.40 a.m., $4.20~\rm p.m$, $(10.40~\rm p.m.$ Saturdays only.)

Trains leave Ballarat for Geelong Line at 5.50 a.m., 10.45 a.m., 3.30 p.m*., 7 p.m.

Trains leave Ballarat for Creswick and Daylesford Line at 4.40 a.m., 8.20 a.m., 1.30 p.m., 5 p.m., and (11.10 p.m. Saturdays only, as far as Allendale only*.)

Trains leave Ballarat for Maryborough Line at 7.45 a.m., 12.25 p.m., 3.35 p.m., and 10.55 p.m.

Trains leave Ballarat for Waubra Line at 6.20 a.m., 11.30 a.m*., 4 p.m., (10.10 p.m. Saturdays only.)

Trains leave Ararat for Ararat, Avoca, and Maryborough Line at $7.15~\mathrm{a.m.}$ and $2~\mathrm{p.m.}$

Trains leave Ararat for Portland Line at 1.30 a.m. and 1.50 p.m.

Trains leave Branxholme (on Portland Line) for Casterton Line at 5.25 a.m. and 12* noon, (and on Saturdays at 6.35 p.m*.)

Trains leave Hamilton (on Portland Line) Coleraine Line at 4.45 a.m*., and 4.40 p.m.

Train leaves Hamilton (on Portland Line) for Koroit Line at $10.25~\mathrm{a.m.}$

Train leaves Dunkeld (on Portland Line) for Penshurst Line at $3.45~\mathrm{p.m.}$

Trains leave Lubeck for Rupanyup Line at 12.5 p.m*., 4.45 p.m., 8.15 p.m*.

Trains Leave Murtoa for Warracknabeal Line at 9.10 a.m*., and 5.25 p.m.

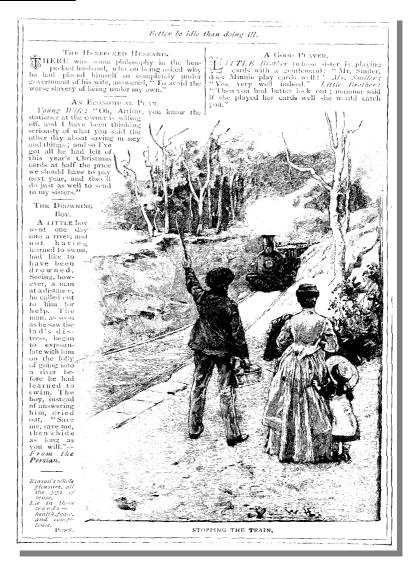
Trains leave Horsham for Noradjuha Line at 8.25 a.m*., 1.45 p.m*., 6.40 p.m.

Trains marked thus * are now cancelled through the coal strike

leaf) shows the full passenger service between Melbourne, Werribee and Geelong during the early part of World War II. It provides an interesting insight into Victoria's busiest country line at a time of very heavy passenger traffic. The service shown consists of 65 down and 72 up Geelongs each week, as well as 6 Aircraft Platform and 11 Werribee locals each way.

Although express timings compare favourably with those of 1998, stopping trains are very slow, the longest journey time being 100 min. The track was mostly single beyond Newport South Junction with automatic signalling and crossing loops so there were often delays in crossing other trains. The acceleration of steam locomotives can't match that of diesel locomotives and railcars either.

Some of the stops are strange - h and y are especially puzzling. Also why did so many trains stop at Manor - treeless paddocks (and a nearby standard gauge loop) are



all that you'll find there today.

Fares (below) (shown on the reverse of the card) are wide ranging in their availability - it is a pity that single fares aren't quoted for comparison. [A public timetable issued later that year gives single fares of 7/2 first class and 5/9 second class and ordinary return fares being those quoted. It also states that day return fares were the same as single fares.] Encouragement to use the services of the Victorian Government Tourist Bureau occupies the remaining panel on this side.

After the war, there were more Werribee local services but Geelong trains decreased in frequency and the service did not start to improve until the mid 1960s. The service to Geelong did not reach the 1941 level until the mid 1970s and has continued to improve to the present day.

The Belair line

LETTERS

From IAN R. HAMMOND Editor, Transit Australia

Dear Geoff,

re Chris Brownbill's interesting item on the Belair line, The Times 6/2000.

The text unfortunately overlooks reference to the crossing loop at Sleeps Hill (near a former station of that name), between Lynton and Eden Hills. It will be noted that there are three consecutive crosses there in the morning peak. At off peak times usually train crosses are at loops at Goodwood and Shepherds Hill (between Eden Hills and Coromandel). Keep up the good work on The Times - always of interest!

The Manunkchunk clock

From JACK MCLEAN

I (not being a mathematician) assumed that all signal boxes (or towers or cabins or *le boites au signals*) even in USA (where such names as Manunkachunk Junction probably exist) would be connected (to the adjacent *enclanchemento* or *entroncamento*) by morse or block bell code or something but apparently in this case not by telephone. But why could not signalman W at MJ walk to the box at DE and ask the signalman there to give him enough time to walk back to the box at MJ? When the clock at DE ticks over to (the time chosen) the signalmen at DE could give one stroke on the Morse key or the block bell tapper and this would cause the bell in the box at MJ to ring and this would indicate that it was the time chosen, and so the bloke at MJ could set the MJ clock correctly. Or is such an answer too difficult for someone who *is* a mathematician? Or has some skills in logics? [See The Times, Feb. 2000].

Timetable on a post card

From THE EDITOR

Some bonuses come with being the editor of a timetable magazine. Recently, I received the postcard on the cover from an old friend who was travelling by foot and train in the European Alps. Said she "it was the only timetable we saw, the staff seemed to be consulting some sort of wiggly graph thingy posted up under the awnings at the station."

To Geelong in wartime, January 1941

The Melbourne-Geelong line has always been one of Victoria's busiest non-suburban lines, whether for passenger or goods trains. In the early 1990s, 38% of all trains running on country lines radiating from Melbourne ran on the Geelong line. In 1941, as **DAVID HENNELL** outlines in this story, the Geelong line was already dominant.

his is a Victorian Railways' yellow card timetable 208 mm × 126 mm with 2 folds

This timetable (*this page and next*) shows the full passenger service between Melbourne, Werribee and Geelong during the early part of World War II. It provides an interesting insight into Victoria's busiest country line at a time of very heavy passenger traffic. The service shown consists of 65 down and 72 up Geelongs each week, as well as 6 Aircraft Platform and 11 Werribee locals each way.

Although express timings compare favourably with those of 2000, stopping trains are very slow, the longest journey time being 100 min. The track was mostly single

beyond Newport South Junction with automatic signalling and crossing loops, so there were often delays in crossing other trains. The acceleration of steam locomotives can't match that of diesel locomotives and railcars either.

Some of the stops are strange - h and y are especially puzzling. Also why did so many trains stop at Manor - treeless paddocks (and a nearby standard gauge loop) are all that you'll find there today.

Fares (*below*) (shown on the reverse of the card) are wide ranging in their availability - it is a pity that single fares aren't quoted for comparison. [A public timetable issued later that year gives single fares of 7/2 first class and

5/9 second class and ordinary return fares being those quoted. It also states that day return fares were the same as single fares.] Encouragement to use the services of the Victorian Government Tourist Bureau occupies the remaining panel on this side.

Sunday trains were discontinued in December 1941, after Pearl Harbour. After the war, there were more Werribee local services but Geelong trains decreased in frequency and the service did not start to improve until the mid 1960s. The service to Geelong did not reach the 1941 level until the mid 1970s and has continued to improve to the present day.

CHEAP FARES To and From Geelong

Tickets at the fares shown below will be on issue at Melbourne and Geriong.

1st 2nd Class Class Class DAY RETURN ... 7/2 5/9
(Issued for travel by any train Mondays to Saturdays inclusive.)

SATURDAYS Class Class
For return on Sunday 8/5 6/9
(Issued for travel by all trains on Saturdays, and available for return by all trains on Sanday.)

SUNDAYS
Class
Class
Day Return
... 7/- 5/(Issued at Melbourne for travel by the 9.2 a.m. and 2.20 p.m. trains to Geolong and at Geolong for travel by the 8.45 a.m. and 2.20 p.m. trains to Melbourne on Sundays.)

SUNDAYS Class Class
For return on Monday 8/5 6/9
(Issued for travel by all trains on Sundays, and available for return by all trains on Monday.) 1st 2nd
Class Class Class

ORDINARY RETURN 9/7 7/8
(Available for Return for One Month)
PERIODICAL FARES f s. di

PERIODICAL FARES f s. d.

Monthly { 1st 2 s 4 6 2nd 2 8 0 (Issued for travel by any train.)

For all Travel Information

ONSULT the Victorian Government Tourist Bureau, 272 Collins Street, Melbourne. Telephone, E.0404. A staff of travel experts is available between 9 a.m. and 6 p.m. on week days (9 p.m. Fridays), and 9 a.m. and 1 p.m. on Saturdays, to afford tourists advice and help in all matters relating to travel.

A cordial invitation to call at the Bureau is extended to all desirous of obtaining information concerning rail, road, sea, or air services; also regarding hotel and guest-house accommodation at the many charming mountain, river, lake, and seaside resorts throughout Victoria.

Branches of the Victorian Government Tourist Bureau are situated at Spencer Street and Flinders Street Railway Stations, Melbourne; 28 Martin Place, Sydney; 131 King William Street, Adelaide; 204 Adelaide Street, Brisbane; 31-32 Plaza Arcade, Perth; 99 Macquarie Street, Hobart; 72 Deakin Avenue, Mildura; 34 Lydiard Street North, Ballarat; and Charing Cross, Bendigo. VICTORIAN RAILWAYS

TIME-TABLE

PASSENGER TRAIN SERVICE

between

MELBOURNE, WERRIBEE and GEELONG

Time-tables are subject to alteration at any time, especially at holiday periods.

6774-40

|anuary, 1941

		·					MELE	OURI	NE-W	RRIB	EE-GE	ELON	G.									
_	Mon.	. Dally	Daile	"The Filer" Daily	Dally	Daily	Sat.	Sac	Sat.	Daily	Sat.	Sat.	Sat.	Dolle	Dally	Sat.	Daily	[SU	DAY.		
Footscray Newport Paisley 2.O.R. Platform	a.m., 6 6 6 6 6 6 6 6 6 6	6 6 35 0 6/39 6 6/45	a.m. 7 10 7 13 7 16 7 22 7 34 a 7 42	8 22 8 22	9 25 9/28 9/33 9/40 	11 5 11/19	9.m. 12 30 12/43	p.m. 1 30 1/34 1/39 1/47 1 51	p.m. 1 30 1/34 1/40 1/47 	p.m. 3 30 3/34 3/40 3/47 a	5 12 suojee	p.m. 5 28	p.m. 5 52 	6 5 6 14 6 21 6 25	7 16 7/29 	p.m. 9 25 9/28 9/33 9/40 a a	p.m. 11 25 11 30 11/33 11/39 11/47 a a	9 2 9 7 9 7 9 16 9 123 4 4	p.m. 2 20 2/24 2/32 a a	7 0 7f 5 7f20 a	p.m. 10 30 10f 35 10f 44 10f 52	
Verribee fanor ittle River ara orlo forth Shore	6 36 41	7 6 4 7 22 7 29 7 36 7 45 7 54 7 58	Change at 222 2. 22	Express to G	9 54 9 57 10 11 10a17 10 31 10a41 10a48	11 31 11 33 11 47 0 0	1 1 2 2	2 0 2 3 2 15 2a23 2 30 2 39 2 46	2 34 2 44 2 51	4 0 4 3 4 14 4 22 4 30 4 39 4 45 4 49	Express to	Change at 9 25	Express to Gee	6 34 6 37 6 45 6 52 7 0 7 9 7 16	7 39 7 49 y B 12	9 55 10 15 	12 12 5 12 15 12a23 12a31 12a41 12a48 12a53	9 35 9 47 10 3 10 12 10 18	2 44 0 3 0 3a 9 3 18 3 28 3 35 0	l	11 7 13 9 11 18 11 26 11 34 11 43 11 49 11 54	
lorth Geelong , SEELONGAr		8 3 8 14		9 17	10456	12 24 12 30	1 33	2 54 2 58	2 59 3 5	4 55 5 3	6 7		6 47	7 27 7 33	8 18	-:-	12 56	10 28 10 35	3 45 3 55	8 31 8 45	11 59	<u> </u>
	1			1	т	1	GEELC		VERRI	BEE-M	1	T-	'The			<u> </u>	1	<u> </u>				
EELONG Lv. dorth Geelong dorth Shore dorth Since dara trite River verribee ircreaft Piatform	6 25 6 45 6 57 7	a.m. a.m. 7 50	8 15 8 20 8 23 8 17 8 33 8 42 8 49	Daily a.m. 9 15 9 19 a 9a27 9a33 9 43 9a50 9 58 a	\$at. p.m. 	Daily a.m. 11 15	Sat. p.m. 12 22 12 26 12 55	Sat. exc. p.m. 1 0 1 4 20 1 31 1 20 1 37 1 47 1 56	Sat. p.m. 1 10 1 14 a 1a23 1a30 1a39 a 1 54	2 30 2 40 2 53 3 2 3ø 9	exc. p.m. 3 30 3034 a 3044 3051 4 2 4010 4 18	exc. [lbourne. : Bu	Sat. 6 2.41.6 5 14.6 6 14.6 6 14.6	5 9 13 19 19 19 4 4 7	Daily p.m 8*35	p.m. 9 0 9 4 9 8 9 12 9 18 9 28 9 36	8.m. 8 45 8 49 6 58 9 5 9 15 9 222 9 30	p.m. 2 20 2 22 2 29 2 36 2 46 1a53 3 1	p.m. 5 20 5 25 5 33 5 39 5 49 5 55 6 3 6 10	p.m. 6 55 7 0 7 5 7 10 7 17 7 27 7 34 7 43 7 51	0.000
averton , alvin ,	7834	8 5 8 20 8g30 8g26 8g32 8 36 8 50	9233	10a 9 10g22 10 37	12 28 12 33 12g43 12 57	 p.m. 12k 9	-:- -:- -:- -:- -:- 1 30	2 0 2g17 2g22 233	2a 4 2gi5 2 30 2 35	3g40 3g47	4g43 4d49 5 0	5 25 5 31	Express	a b a g 8 g 5 7	26 8 5	ю !	10 27	9 43 a a 9256 102 2 102 8 102 13	3 11 a 3g28 3g36 3g43 3g43 3g48 3 52	6 3 6g26 6 45	7 59 d d 8g15 8g22 8g28 8g33 8g33 8g33	99 99 99 99 99 99 99 99 99 99 99 99 99
a—Stops wh Thursdays, w arrives Spen at Little Rive	hen req cer-st. a ir (8.0 p	ulred, to at 12.23 p	.m. Lara (8.6	ar set v—On p.m.)	down, Saturda on Frid	and on ys depar lays onl	Fridays rts from y if req rain is	when re flinde uired, not ava	rs Stree and on Ulable t	to set t at 7. Saturda o hold	down 12 p.m. ays def	nitely Special	k— v—Stop: to pick Football	On Set s at Ale up or s	ordays of craft Pla let down		rom Foo a Saturd	tscray a	ops Moi t 2,14	ndays t p.m. an y—Stor	d	

A small bus route in Sydney's St. George area.

JIM O'NEIL

oute 113 was an unusual bus route in the St. George area, operating on both sides of the Illawarra line, which it crossed at Allawah station. It ran from Peakhurst, to the northwest of Hurstville to Ramsgate Beach, to the southeast. The first timetable I have (page 13) was issued by Saints on the 1st September 1963. There is a quarter-hourly service for most of the day, with alternate buses running via Gloucester Road and Carrington Avenue - one block apart, with some peak-hour services commencing at Carrington Avenue, instead of Peakhurst. This is a very good frequency, especially when we consider that the route 112 ran two blocks further east, and the 34 three blocks west. Three other services (routes 28, 29 & 33 of the Punchbowl Bus Co.) crossed the 113 on Stoney Creek Road before the Peakhurst terminal at Baumans Road. All these services ran into Hurstville.

We may note that no time of arrival is given at Ramsgate (nor at Hurst-ville for buses terminating there). Af-

ter 6 p.m., all buses run via Gloucester Road and, after 8 p.m., none run to Ramsgate. In fact these last four buses run on to Lugarno and are route 108 buses, diverting via the 113 instead of proceeding directly to Peakhurst via Forest Road.

In the 1990s it became difficult for small operations like the 113 to provide the new minimum service levels being required. The same problem applied to Foley's route 32, from Gannon Ave & Malua St, Doll's Point to Kogarah Stn, which crossed the 113 on Chuter Ave, two blocks before the 113's Ramsgate terminal and one block before Florence St.

Foley's timetable of 1st July 1989 is on page 14 (top). Note that there are no times given after leaving Kogarah, and times of arrival there are approximate - and shown only on weekdays. There is a basic halfhourly service (including Saturday mornings), increased to twenty minutes on weekday peaks, plus a school bus from Ramsgate RSL.

From the mid 1990s comes this undated timetable (p 14, bottom) for the combined route issued by the Peakhurst Bus Company (another name used by Saints). The extended route needs four buses to mount a halfhourly service, and all buses run via Gloucester Road. Alternative buses (marked Y) run north to Junction Road to return via Bauman's Road to the starting point. Since it is unlikely that other buses did a U-turn in the busy intersection of Forest, Stoney Creek and Baumans Roads, they probably turned in Saints' depot, in Holley St, a block short of the terminus. On Saturday afternoons and Sundays, only the 113 was operated, and not the 32. The same pattern applied early on Saturday morning and for late night shopping.

In 1997 the combined route was renumbered 947, but on 21 December 1998 it was sold. The section Hurstville-Ramsgate-Kogarah went to Southtrans, whose new timetable (mislabelled 948, another Southtrans

route) is on page 15. Off-peak service is still approximately half-hourly, but no longer on a clock-face basis. Ko-

garah now receives full service, and some additional runs in the morning peak. The Peakhurst end was sold to Punchbowl Bus Co. That is a story for another time.

Route 113

PEAKHURST • BEVERLY HILLS •, HURSTVILLE RAMSGATE

AS FROM 1st SEPTEMBER, 1963

Bus No.	Depart Baumans Road	Depart Gloucester Road	Depart Carrington Avenue	Depart Hurstville For Ramsgate Beach	Depart Ramsgate Beach	Depart Hurstville	Arrive Carrington Avenue	Arrive Gloucester Road	Arrive Baumans Road
			MC	ONDAYS '	ro frii	DAYS			
124313234312431243124312431 243124312431243124313235343132541515555	a.m. 5.507	a.m. 5.55 6.13 6.53 7.13 7.56 8.26 8.56 9.26 9.56 10.56 11.56 p.m. 12.26 1.56 1.56 2.26 2.56 3.35 4.01 4.51 5.05 5.30 5.35 5.00 6.366 7.366 9.08 9.535	a.m. 6.43 7.00 7.20 7.46 8.11 8.41 9.11 9.41 10.11 11.41 11.41 12.11 12.41 1.11 1.41 2.11 2.41 3.11 3.46 5.01 5.16 5.31 5.46	a.m. 6.00 6.40 7.00 7.20 7.38 8.03 8.18 8.33 8.48 9.18 10.18 10.18 11.03 11.18 11.03 11.18 11.2.33 12.48 1.03 11.48 12.03 12.48 1.03 12.48 1.03 12.48 1.03 12.48 1.03 12.48 1.03 12.48 1.03 13.38 14.03 15.53 16.13 17.53 18.33 18.48 19.33 19.33 10.48 10.33 10.48 10.33 11.48 10.38 11.33 11.48 11.3	a.m. 6.355	a. 37555352588.50505050727272727	a.m. 7.00 7.19 7.33 8.30 9.00 9.30 10.00 10.30 10.59 11.59 12.29 p.m. 12.59 1.29 1.59 2.29 2.59 3.30 4.04 4.38 5.01 5.16 5.31 5.46 6.02	a.m. 6.42 7.02 7.42 8.00 8.15 8.45 9.15 10.15 10.44 11.44 12.44 12.44 12.44 12.44 12.44 2.14 2.44 3.14 2.44 3.14 3.48 4.53 5.08 5.38 5.53 6.124 6.39 6.54 7.54 8.37 9.05	a. M. 64.77.7.25

K-Denotes runs to Lime Kiln Road, Lugarno.

TP—Denotes runs at end of Theatre programmes: Fridays, Saturdays and Holidays.

Dep. Corner Gannon Ave. Malua St.	Dep. Corner Florence St. Chuter Ave.	Dep. Corner O'Connell St. President Ave.	Approx Arr. Kogarah Station	Departs Kogarah Station	Dep. Comer Gannon Ave. Malua St.	Dep. Comer Florence St. Chuter Ave.	Dep. Comer O'Connell St. President Ave.	Departs Kogarah Station
	MON	DAYS TO FRI	DAYS			SATUR	DAYS	`
6.10	6.14	6.18	6.23	6.30	8.45	8.50	8.55	9.00
6.30	6.34	6.40	6.45	6.50	9.15	9.20	9.25	9.30
6.50	6.54	6.58	7.03	7.10	9.45	9.50	9.55	10.00
7.10	7.14	7.18	7.23	7.30	10.15	10.20	10.25	10.30
7.30	7.35	7.40	7.45	7.50	10.45	10.50	10.55	11.00
7.50	7.54	7.58	8.03	8.10	11.15	11.20	11.25	11.30
8.05 (S)	8.12 (S)	8.17 (S)			11.45	11,50	11.55	12.00 PM
8.10	8.15 ` ´	8.20	8.25	8.30	12.15 PM	12.20 PM	12.25 PM	12.30 PM
8.30	8.35	8.40	8.45	8.50	Return to depot vi			passenger.
8.50	8:55	9.00	9.05	_	rietairi to depot vi	a Oligioi Avellac	. Ontiriast	passenger.
9.15	9.20	9.25	9.28	9.30				
9.40	9.45	9.54	9.58	10.00				
10.15	10.20	10.24	10.28	10.30				
10.45	10.50	10.54	10.58	11.00				
11.15	11.20	11.24	11.28	11.30				
11.45	11.50	11.54	11.58	12.00 PM				
12.15 PM		12.24 PM	12,28 PM	12.30				
12.45	12.50	12.54	12.58	1.00				
1.15	1.20	1.24	1.28	1.30	NO SERVIC	E ON GLINDAY	S OR PUBLIC	HULIDAYS
1.45	1.50	1.54	1.58	2.00	NO SERVIO	L ON SUNDA	ON FUBLIO	TIOLIDATO
2.15	2.20	2.24	2.28	2.30				
2.45	2.50	2.54	2.58	3.00				
3.05	3.10	3.13	3.18	3.20				
3.20	3.24	3.28	3.35	3.40				
3.40	3.44	3.48	3.55	4.00				
4.00	4.04	4.08	4.15	4.20				
4.20	4.24	4.28	4.35	4.40				
4.40	4.44	4.48	4.55	5.00	TRAIN A	AND TRAFFIC	DELAYS MAY	CAUSE
5.00	5.04	5.08	5.15	5.20		MINOR VA	RIATIONS	
5.20	5.24	5.28	5.35	5.40				
5.40	5.44	5.48	5.55	6.00				
6.08	6.13	6.17	6.22	6.25				
6.45	6.49	6.53	6.58	7.00				
7.15 Bus	s returns to De	epot via Chuter	Ave.					

P.N. Additional school bus departs Ramsgate R.S.L. 8.25 a.m.

Chapman-Bryant Printing 529-2022

2. Route 32 1st July, 1989. Foley's timetable

PEAKHURST BUS COMPANY 716 FOREST ROAD PEAKHURST 2210 PH: 584-9655	Routes 32 and 113	Dep. Baumans 24 for Hvillic and Ramagaie Dep. Car Warwick St. & Copeners Rud Dep. Frylin for Ramagaic Dolp Frylin for Ramagaic Dolp Mains St Dolls Pt. & Kogarah Dep. Mains St Dolls Pt. & Kogarah Dep. Kogarah Station Art. Kogarah Station Art. Kogarah Station for Dolp Pt. & Frylic Dep. Ramagaic for Fluences I boy Dolls Pt. & Frylic Dep. Ramagaic for Fluencial Dep. Princes I boy & Park Ruf for Frylic Junville Dep. Homosoil for Humans Ruf. Peaklanns Artive Baumans Ruf. Peaklanns Artive Baumans Ruf.
ns no. Baumains Rol for Hville, tansigaie Cur Warwick Si; & Cur Warwick Si; & Hwile for Ramague Privile for Ramague Privile for Ramague Privile for Ramague Cur Plarence St; & er Ave for Kragania Kagarah Station Kagarah Station for Kragarah Station for Rugarah Station for Amble Pr; & er Lytifie	Dep. Lansugae for Itansulle. Jog. Princes Hop & Park Mil for 10 tille. Dom Hunsville for Dominar Rei. Veskinsat strive Hannan Rei. Veskinsat strive Hannan H. Veskinsat yrisekinsat strive Bannan H. Veskinsat strive Park	Dep Daumans 24 fix and Ramagine Dep Care Warwick is Glouceaster Rd Dep Hydlie for Ram Dolis Pt & Kogarah Station Dep Malua St Dolis Pt & Kogarah Station Dep Kogarah Station Dep Kogarah Station Dep Kogarah Station Dep Ramagate for Hurridle Hurridle for Hurridle for Hurridle for Hurridle for Hurridle for Hurridle for Arrive flaumanna Rd. Feakl for Hurridle flaumanna Rd. Arrive flaumanna Rd.
Dun no. Dap, Baumans 1641 and Ramsgaie Dep, Cur Warwick, Glouesser Rd, Dep, Hvolle for Ram Dep, Hvolle for Ram Dep, Cur Flurence 1 Chuier Ave for Flurence 2 Chuier Ave for Kagarah Station Dep, Cur Flurence 2 Chuier Ave for Kagarah Statio Dep, Cur Flurence 3 Arr. Kagarah Statio Dep, Duble 1v. for Kagarah Statio Dep, Duble 1v. for Engles 1 Dept, Duble 1v. for Flurence 1 Dept. Flurence 1 Dept. Buble 1v. for Flurence 1 Dept. Buble 1v	Dep. Ramagate for Hussville Day. Parases Hey 5 Park Hel for Hyalle for Day. Hussville for Bannans Red. Parkharis Haring Parkharas and Perkharas Parkharas Pa	SATURDAY TIMETABLE
		7.30 7.36 7.42R 8.00 8.07 8.18y 8.28
MONDAY TO FRIDAY TIMET AB	2	8.00 8.06 8.12R 8.30 8.37 8.48 8.58 8.45 9.00 9.03 9.09 9.20 9.30
2 6.15 6.20 6.30 6.30 6.43	6.22 6.27 6.38 6.45 6.45 6.52 7.00Y 7.10Y	8.30 8.36 8.42 9.00 9.05 9.13 9.15 9.30 9.33 9.39 9.50 10.0
4 6.25Y 6.30 6.35 6.45 6.50 7.00 7.00 7.13 1 6.50 6.55 7.03 7.15 7.20 7.30 7.30 7.43	7.15 7.22 7.35 7.46Y 1	9.00 9.06 9.12 9.30 9.35 9.43 9.45 10.00 10.03 10.09 10.20y 10.2 9.30 9.36 9.42 10.00 10.05 10.13 13.15 10.30 10.33 10.39 10.50 11.0
5 7.35 7.40 7.50 7.50 7.50	7.45 7.52 8.05 8.10 3 Y 8.05 8.12HS 8.25Y 8.36Y	79.30 9.36 9.42 10.00 10.05 10.13 10.15 10.30 10.33 10.39 10.50 11.0 10.00 10.06 10.12 10.30 10.35 10.43 10.45 11.00 11.03 11.09 11.20 11.3
2 7.10Y 7.17 7.25 7.50 7.55 8.05 8.05 8.18	8.20 8.27 8.40 8.50	10.30 10.36 10.42 11.00 11.05 11.13 11.15 11.30 11.33 11.39 11.50 12.0
8.25 8.38	3.40 3.47HS 8.58 9.10 3	11.00 11.06 11.12 11.30 11.35 11.43 11.45 12.00 12.03 12.09 12.20 12.3 (11.30 11.36 11.42 12.00 12.03 12.30 12.35 12.39 12.50 1.00
1 8.15 8.22 8.30 8.50 8.55 9.05 9.10 9.25		12.00 12.06 12.12R
5 8.40Y 8.47 8.55 9.15 9.20 9.30 9.40 9.55	10.00 10.07 10.18Y 10.30Y	1.00 1.06 1.12R 1.33 - 1.50 2.00
3 9.10 9.16 9.25 9.45 9.50 10.00 10.10 10.25 4 9.40Y 9.46 9.55 10.15 10.20 10.30 10.40 10.55	10.30 10.37 10.48 11.00 2	2.00 2.06 2.12R 2.33 - 2.50 3.00 3.00 3.06 3.12R 3.33 - 3.50 4.00
4 9.40Y 9.46 9.55 10.15 10.20 10.30 10.40 10.55 1 10.10 10.16 10.25 10.45 10.50 11.00 11.10 11.25	11.00 11.07 11.181 11.301	3.00 3.06 3.12R 3.33 - 3.50 4.00 4.00 4.06 4.12R 4.33 - 4.50 5.00
5 10.40Y 10.46 10.55 11.15 11.20 11.30 11.40 11.55	11.30 11.37 11.48 12.00noon 2 12.00 12.07 12.18Y 12.30Y 2	5.00 5.06 5.12R 5.33 - 5.50 6.00
3 11.10 11.16 11.25 11.45 11.50 12.00 PM 12.10 12.25	12.30 12.37 12.48 1.00 2	6.00 6.06 6.12R 6.33 - 6.50 7.00
4 11.40Y !1.46 1E.55 12.15 12.29 12.30 12.40 12.55 1 PM 12.10 12.16 12.25 12.45 12.50 1.00 1.10 1.25	1.00 1.07 1.18"; 1.30	
5 12.40Y 12.46 12.55 1.15 1.20 1.30 1.40 1.55	1.30 1.37 1.43 2.00 2.00 2.07 2.18Y 2.30Y	SUNDAY AND PUBLIC HOLIDAY TIMETABLE
3 1.10 1.16 1.25 1.45 1.50 2.00 2.10 2.25 4 1.40Y 1.46 1.55 2.15 2.20 2.30 2.40 2.55	2.30 2.37 2.48 3.00	- PEAKHURST VIA H'VILLE TO RAMSGATE ONLY
4 1.40Y 1.46 1.55 2.15 2.20 2.30 2.40 2.55 6 3.15JC 3.30	3.00 3.07 3.18Y 3.30Y	
1 2.10 2.16 2.25 2.45 2.50 3.00 3.10 3.25	3.30 3.37 3.48 4.00	for the forethe forethe for the forethe foreth
5 2.35Y 2.44 2.50 3.10 3.15 3.25 3.35 3.50 3.00 3.06 3.15 3.35 3.40 3.50 4.00 4.15	3.55 4.02 4.15Y 4.30Y	5 5 9 4 E
3 3.00 3.06 3.15 3.35 3.40 3.50 4.00 4.15 2 3.18D 3.25 3.33HS 3.55 4.00 4.10 4.20 4.35	4.20 4.27 4.40 4.55 4.40 4.47 5.00Y 5.10Y	Dop. Bauman R. Hurstville Dop. Carvarville Carvarville Ramagate Arrive Ramagate Arrive Ramagate Arrive Princes Hoy Dop. Princes Hoy Dop. Princes Hoy Cop. Princes Hoy Cop. Princes Hoy Arrive Ramana R. Arrive Raumana R. Arrive Raumana R.
4 3.40Y 3.46 3.55 4.15 4.20 4.30 4.40 4.55	5.00 5.07 5.15 5.25	Inville C.m. Wa Coucesterr Couloucesterr or Hunsville Princes J Rd Princes J Rd Aures G Ramaga
1 4.00 4.06 4.15 4.35 4.40 4.50 5.00 5.15 5 4.30Y 4.36 4.45 5.05 5.10 5.20 5.30 5.45	5.20 5.27 5.35¥ 5.50¥ 5.50 5.57 6.05 6.20	Dop, Bay, Dop Cap, Dop, Bay, Dop, Cap, Cap, Cap, Cap, Cap, Cap, Cap, Ca
3 5.00 5.06 5.15 5.35 5.40 5.50 6.00 6.15	5.50 5.57 6.05 6.20 6.18 6.23 6.35 6.45	Dep. Hurster G. B. Dep. Arrive Dep. Park Baum Arrive Arrive Arrive Arrive Arrive
4 5.30 5.36 5.45 6.05 6.10 6.20 6.30 Bus run	ns until last passenger	1 AM 9.00 9.06 9.12 9.26 9.30 9.35 9.46 9.56
1 6.00Y 6.06 6.15 6.35 6.40 6.50 7.00 Bus rur 5 6.26 6.30 6.36R	ns until last passenger	1 19.00 10.06 10.12 10.26 10.30 10.35 10.46 10.56
5 7.20T 7.25T 7.30R.T	6.50 6.55 7.08 7.18 7.45T 7.50 8.02T 8.10T	1 14.00 11.06 11.12 11.26 11.30 11.35 11.46 11.56 AFTERNOON SERVICE
		1 PM 1 00 1.06 1.12 1.26 1.30 1.35 1.46 1.56
The same and the s	The second secon	1 2 00 2.06 2.12 2.26 2.30 2.35 2.46 2.56 1 3.00 3.06 3.12 3.26 3.30 3.35 3.46 3.56
KEY TO ABBREVIATIONS		1 4.00 4.06 4.12 4.26 4.30 4.35 4.46 4.56
D - LEAVES DEPOT		I 5 00 5.06 5.12 5.26 5.30 5.35 5.46 5.56
T - RUNS THURSDAY NIGHT ON	LY	•
R - TO RAMSGATE ONLY		SAINTS' PEAKHURST COACHES
HS - RUNS VIA HUSTVILLE PUBLIC SO		CAN HELP YOU WITH PRIVATE CHARTERS, OR PERHAPS YOU WOULD LIKE TO JOIN US ON OUR DAYTRIPS.
JC - RUNS VIA JAMES COOK HIG	H TRANSPE	PLEASE PHONE OUR OFFICE ON 584-9655 FOR MORE INFORMATION
Y - RUNS VIA CENTRAL & JUNCTION & BA	CIN CANTAINON	1 201 20 1 10 1 20 1 011 101 101 101 101

3. Peakhurst Bus Company, undated timetable from the mid-1990s, combined timetable for routes 32 & 113

TO KOGARAH

ROUTE 948: HURSTVILLE - KOGARAH via Ramsgate

										,	_					Wee	kday	/S
Showing Route Number	947	947	947	947	947	947	947	947	947	947	947	947	947	947	947	947	947	947
	am	am	am	am	am	am	am	am	am	am	am	am	am	am	am	pm	pm	pm
HURSTVILLE City Train Arrives	F	6.19	 -	6.49		7.34	7.51	8.24	8.49	9.19	9.39	10.04	10.34	11.04	11.39	12.19	1.04	1.39
HURSTVILLE Station	!	6.27		7.06		7.42	8.04	8.30H	8.55H	9.25	9.47	10.10	10.40	11.10	11.50	12.30	1.10	1.50
Park Rd & Princes Hwy		6.35		7.15		7.52	8.14	8.40	9.05	9.34	9.56	10.19	10.49	11.19	11.59	12.39	1.19	1.59
RAMSGATE Grand/Ramsgate	l	6.40		7.21		7.58	8.20	8.46	9.10	9.39	10.01	10.24	10.54	11.24	12.04	12.44	1.24	2.04
DOLLS POINT Malua St	6.13	6.43	7.05	7.25	7.43	8.02	8.24	8.50	9.13	9.42	10.04	10.27	10.57	11.27	12.07	12.47	1.27	2.07
Florence St & Chuter Ave	6.18	6.48	7.10	7.30	7.48	8.07	8.29J	8.55	9.18	9.47	10.09	10.32	11.02	11.32	12.12	12.52	1.32	2.12
KOGARAH Station	6.27	6.58	7.22	7.44	8.02	8.21	8.43	9.07	9.28	9.56	10.18	10.41	11.11	11.41	12.21	1.01	1.41	2.21
KOGARAH City Train Departs	6.34	7.05	7.28	7.51	8.07	8.28	8.50	9.16	9.36	10.06	10.23	10.46	11.16	11.46	12.36	1.06	1.46	2.36

									W	eekd	ays_c	.ont.	
Showing Route Number	947	947	947	947	947	947	947	947	947	947	947	947	947
	pm	pm	pm	pm	pm	pm	pm	pm	pm	pm	pm	pm	pm
HURSTVILLE City Train Arrives	2.19	2.39	3.04	3.19	3.49	4.25	4.55	5.25	5.39	6.08	6.37	7.39	8.39
HURSTVILLE Station	2.30	2.50	3.12H	3.33H	4.00	4.30	5.00	5.30	5.47	6.15	6.45	7.45	8.45
Park Rd & Princes Hwy	2.39	3.00	3.23	3.44	4.10	4.40	5.10	5.40	5.57	6.25	6.53	7.53	8.53
RAMSGATE Grand/Ramsgate	2.44	3.06	3.29	3.50	4.16	4.46	5.16	5.46	6.03	6.30	6.58	7.58	8.58
DOLLS POINT Malua St	2.47	3.10	3.33	3.54	4.20	4.50	5.20	5.50	6.06	6.33	7.00	8.00	9.00
Florence St & Chuter Ave	2.52	3.15	3.38	3.59	4.25	4.55	5.25	5.55	6.11		7.04	8.04	9.04
KOGARAH Station	3.01	3.25	3.48	4.09	4.35	5.05	5.35	6.05	6.20		7.12	8.12	9.12
KOGARAH City Train Departs	3.06	3.36	3.54	4.14	4.39	5.13	5.43	6.15	6.32		7.16	8.16	9.16

															Saturdays			
Showing Route Number		947	947	947	947	947	947	947	947	947	947	947	947	947	947	947	947	947
		am	am	am	am	am	am	pm	pm	pm	pm	pm	pm	pm	pm	pm	pm	pm
HURSTVILLE City Train Arrives	111	7.54	8.24	9.14	9.49	10.39	11.19	11.49	12.39	1.19	1.49	2.39	3.19	3.49	4.39	5.19	5.49	6.49
HURSTVILLE Station	1	8.06	8.45	9.25	10.05	10.45	11.25	12.05	12.45	1.25	2.05	2.45	3.25	4.05	4.45	5.25	6.00	7.02
Park Rd & Princes Hwy		8.14	8.54	9.34	10.14	10.54	11.34	12.14	12.54	1.34	2.14	2.54	3.34	4.14	4.54	5.34	6.08	7.10
RAMSGATE Grand/Ramsgate	Ш	8.19	8.59	9.39	10.19	10.59	11.39	12.19	12.59	1.39	2.19	2.59	3.39	4.19	4.59	5.39	6.13	7.15
DOLLS POINT Malua St	Ш	8.22	9.02	9.42	10.22	11.02	11.42	12.22	1.02	1.42	2.22	3.02	3.42	4.22	5.02	5.42	6.15	7.17
Florence St & Chuter Ave		8.27	9.07	9.47	10.27	11.07	11.47	12.27	1.07	1.47	2.27	3.07	3.47	4.27	5.07	5.47	6.19	
KOGARAH Station		8.36	9.16	9.56	10.36	11.16	11.56	12.36	1.16	1.56	2.36	3.16	3.56	4.36	5.16	5.56	6.27	
KOGARAH City Train Departs	4	8.46	9.23	10.06	10.46	11.23	12.06	12.46	1.23	2.06	2.46	3.23	4.06	4.46	5.23	6.06	6.36	

						Sundays					
Showing Route Number		947	947	947	947	947	947	947	947		
	am	am	am	am	pm	pm	pm	pm	pm		
HURSTVILLE City Train Arrives	8.24	9.24	10.39	11.39	1.39	2.39	3.39	4.39	5.39		
HURSTVILLE Station	8.43	9.43	10.43	11.43	1.43	2.43	3.43	4.43	5.43		
Park Rd & Princes Hwy	8.51	9.51	10.51	11.51	1.51	2.51	3.51	4.51	5.51		
RAMSGATE Grand/Ramsgate	8.56	9.56	10.56	11.56	1.56	2.56	3.56	4.56	5.56		
DOLLS POINT Malua St	8.58	9.58	10.58	11.58	1.58	2.58	3.58	4.58	5.58		
Florance St & Chuter Ave	9.02	10.02	11.02	12.02	2.02	3.02	4.02	5.02			
KOGARAH Station	9.10	10.10	11.10	12.10	2.10	3.10	4.10	5.10			

EXPLANATIONS

- H Journey operates via Hurstville Primary School.
- J Journey operates via James Cook High School.

4. Southtrans route 947 timetable. 21st December 1998 for Kogarah





Graphic Insight

CHRIS BROWNBILL returns, with "one for the bus nuts"

The changes taking place currently with the ownership of Greyhound coachlines mean that its appropriate for us to take a look at the development of Australian interstate express bus or coach services as offered by Greyhound.

Our Graph depicts the number of weekly direct services on eight selected major routes. Eight timetables have been used as source material, these being the Greyhound timetables of the following dates: 7/March 1982, 4/March 1984, 3/August 1986, 17/July 1988, 27/October 1991, 7/March 1993, 29/March 1998 and 31/October 1999.

The most striking feature of the graph is the remarkable volatility across the years. The frequency on each route rises and falls by a factor of two or three. There appears to be a correlation between the rises and falls across routes that is, all routes have a relatively healthy service around 1986, whereas in 1991 and 1993 it falls away quite a bit, and is resurrected by 1998. This fluctuation probably reflects general economic conditions - remembering that Greyhound is largely in the tourism business. It also probably reflects the competitive environment in which Greyhound operates. Over the period in question, a number of competitors have

come and gone, notably Deluxe Coachlines and (Ansett) Pioneer Express. Deluxe coachlines folded, whilst Greyhound and Pioneer amalgamated. The effect in both cases was that after the disappearance of the competitor the number of services operated by Greyhound increased. Indeed the 1988 timetable lists Pioneer services as well as Greyhound services indicating that the two networks had not yet been fully integrated.

Finally, note the existence in 1988 of a daily direct Adelaide to Brisbane service - the only time in the period under review that such a service operated. Might this have been because of Expo'88 in Brisbane?

