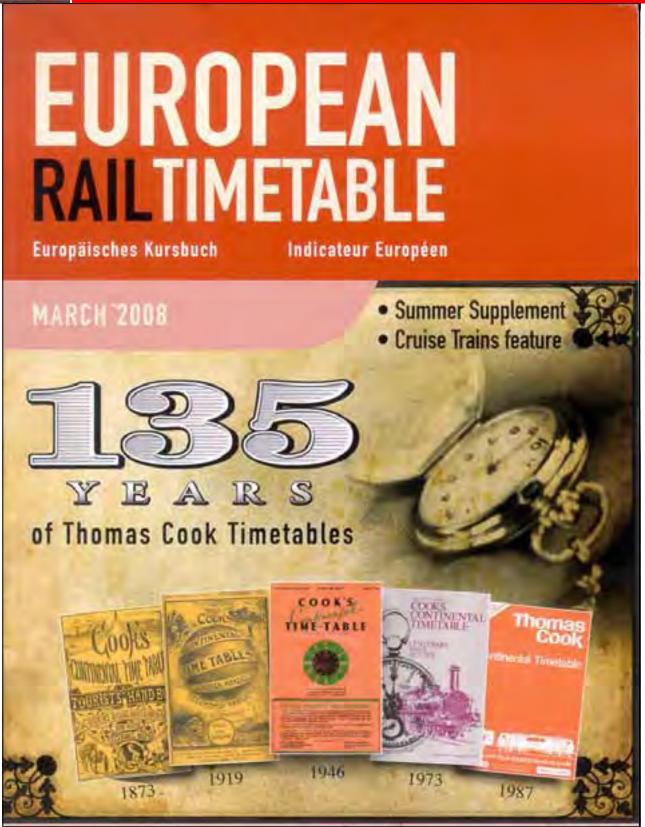


The Times

May 2008

A journal of transport timetable history and analysis



Inside: The Cook Book– 135 years on Horsing about in Eyre-Delight Bottle-neck at Kilmore Bobbin Head buses

RRP \$2.95 Incl. GST

The Times

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On the front cover	
It is 135 years since Thomas Cook first published his Continental Timetable, now called "European Timetable" and still in production. Pretty soon now it will surpass Bradshaw as	

longest-running independent train timetable in the world. In this issue, Jan Morris takes an af-

fectionate look at the Cookbook and the staff at Peterborough explain how they do it.

Contributors The Times	Jan Morris, Thomas Cook, Morris Iemma, Geoff Lambert, Peter Parker, Jim O'Neil, Victor Isaacs welcomes articles and letters. Send paper manuscripts or word-processor files on disk or via e-mail to the editor at the address below. Illustrations should be submitted as clean sharp photocopies on white paper or scanned GIF or TIF format images with at least 300 dpi resolution on disk or via e-mail.
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Be sure to change trains at Gare du Nord By Jan Morris

walked into our local café the other day and saw a friend, alone at a table, deep in a paperback book with an air of profound contentment.

I knew exactly what he was feeling, because I recognised the book: it was the latest edition of *Thomas Cook's European Rail Timetable*, one of the very best books to spend a solitary lunchtime with or to keep permanently on your bedside table.

Railway timetables have a distinguished literary history in Britain. For more than a century, *Bradshaw's Monthly Railway Guide* was so familiar an English institution that its name went into the language and although the guide came to an end in 1966, it still gets an entry in the *Oxford Companion to English Literature*.

Plotting the fastest cross-country railway journey in *Bradshaw* was a popular parlour game in middle-class Victorian Britain, in the days when a mesh of narrow-gauge lines added to the challenge. The name crops up in many a novel or thriller of the steam age, when a cabinet minister needs an express train to rush him to a vital meeting at the House of Commons or some rogue in a white dinner jacket plans a getaway via the ferry at Harwich.

Thomas Cook's monthly manual, itself 130 years old, is already something of an institution too, not least in its *independent traveller's edition*, which is the one I have at my bedside. Its in-house nickname, the publishers tell me, is *ETT* (as in "European Time Table") and this itself has a steamy touch of tradition to it, because the "TT" is a memory of the days before a Time Table became a Time-table and then a Timetable. In the travel trade, I gather, the book is familiarly called simply *Cook's*, just as George Bradshaw Esq of Manchester has faded into history's memory simply as *Bradshaw*.

One of the perennial fascinations of the railway timetable, then as now, is its infinite resource of exceptions, alternatives and all but inexplicable cross-references. Thomas Cook's *European Rail Timetable* mercifully spares us the labyrinthine complexities of fares, perhaps expecting us, like Sherlock Holmes, to get somebody else to do the booking.

In all other ways it is, like its predecessor, a delightful prodigy of complication. No list of symbols on a word processor can do justice to its virtuoso command of footnote symbols: one device, for instance, to warn us that The Train Does Not Stop; another to "separate two trains in the same column between which no connection is possible"; and a plethora of significant letters and

numerals and innumerable minute pictures of ships or buses or beds or brimming wineglasses or little two-storey houses to warn you of frontier posts ahead.

I have always loved railway timetables but it is only now, I think, as we enter perhaps a new railway age, that they are reaching an apogee. A sleeper to Aberdeen in Scotland or Penzance in the far south-west of England used to be the summit of Bradshaw's ambitions but now the whole continent of Europe falls within the province of its successor. Cook's handsomely recognises this fulfilment. The later Bradshaw's used to be decidedly sober productions, perhaps because Mr Bradshaw was a Quaker, but Thomas Cook's contemporary editions are luxurious shiny jobs, with pictures of sleek super-trains streaming across their covers (in the autumn edition, we are told, they showed "an electric Desiro train on test near Prohoma in Greece").

For yes, I suppose the railway timetables appeal most of all to the train buffs who have been recognising locomotive types, collecting engine numbers and timing train arrivals since the first *Bradshaw* was published in 1841. They cluster still at the far ends of railway platforms throughout the kingdom, indomitable in their obsession, and I would guess that *Cook's* is bedtime reading for half of them.

There is so much to learn from this arcane repository of knowledge. Had you ever heard of the electric Desiro train before? For that matter did you know the existence of the Finnish Pendolino train, or the Spanish AVE (short for Alta Velocidad Española), which is the fastest train in the world? And would you ever have guessed that in Switzerland there are some 40 different railway companies, among them Ferrovie Autolinee Regionali Ticinesi, whose acronym is Fart?

The joy of them, of course, generally lies not in the reality, but in the imagination. *Cook's* is the Bible of the Virtual Traveller. Snug in bed with a glass of old Laphroaig, with the household asleep around you, you may travel at ease in those realms of gold we read about in the poets. Hardly less lyrical than Keats is Thomas Cook on form - by which I mean, seized from his own pages, footnotes and all, and liberated in your mind to go with him where you will.

Perhaps you will feel like taking a trip, for example, from Palermo to Kaliningrad: from the heart of Sicily to the last foothold of Russia in Europe. Half an hour's consultation, and you are already on your way. Palermo - Rome - Bologna - Vienna - Petrovice - Wroclaw - Poznan - Tczew and

Braniewo and finally Kaliningrad, the old stronghold of the Teutonic Knights, on the frigid Baltic shore.

Or perhaps you would prefer something more modest, like a rack railway in the Alps somewhere or a toddle through Mitteleuropa? Flick a few pages, and here's an enticing-looking line from Chur to Arosa (though we must remember that trains stop at Langwies only by request). Or how about a Finnish jaunt, from Jyväskylä to Vaasa? Oh no, that's no good - on Mondays you have to change at Seinäjoki - but we could pop over to Hungary and make the trip from Kiskunfeélegyháza to Szentes, if only to say we'd done it.

Just imagine it all - the strange station names flashing by, the sunbaked vineyards of Lampedusa's Sicily giving way to the marshlands of East Prussia - the thump and swish of your trains, Polish pancakes in the restaurant car, the creak of the woodwork and the breathy croak of the whistle - the smell of it all, the vibrations, the sounds of strange vowels, the quick hop to the platform to pick up a news- paper at Klagenfurt - could anything be more satisfying, as you lie there in the maplight, your beloved perhaps snoring peacefully beside you, and outside your windows only the homely sounds of the garbage-men doing their rounds, or a couple of maudlin drunks on their way home from the pub?

I asked the man in the café if he was planning a train journey somewhere. "Tunisia," he said, his eyes burning with the thought of it. "Eurostar to Avignon. TVC [the local steam service] down to Marseille, and there's plenty of sailings from there, I see from Cook's. And then, I've been thinking, on the way back we could take a boat to Athens, pick up one of those Desiro trains - have you tried them? - and then, oh I don't know, maybe find a train to Venice and get on a TGV to Strasbourg perhaps, up to Brussels and then, bingo, it's Eurostar and home!"

For *Cook's* is not really made for day-dreaming, any more than *Bradshaw* was devised as an after-dinner entertainment at the vicarage. It was made for the serious journey planner. I have never used my copy to arrange such a happily lackadaisical journey as my friend's to Tunisia, making up his mind as he went along, and relying on *Cook's* for the logistics.

A couple of years ago, though, I did use my copy of the great work meticulously to plan a journey in advance for this newspaper, and this is how it went.

From my home in north Wales I took the narrow-gauge steam train from Porth-

madog to Blaenau Ffestiniog, where I boarded a railcar of the Conway Valley Railway to Llandudno Junction. A Virgin Rail Pendolino whisked me to Euston in London, where, using my through ticket, I went by London Underground to Waterloo. There, a Eurostar took me under the English Channel to Gare du Nord in Paris, where I changed stations and boarded the last frail remnant of the original Orient Express, then running the final few months of its route to Vienna. Finally a train called the Goldoni took me southwards into Italy

to drop me at a remote small station called Villa Opicina, where by trundling my baggage down a platform, along a country lane and into a village, I clambered aboard the funicular tram of the Ferrovia Elettrica, which took me precipitously down the mountainside to my destination, Trieste.

It all went like clockwork. It was all thanks to Mr Cook. I obeyed his tables meticulously. I was careful to make sure that I did not in error board the Milan train at Mestre, or get carried past Villa Opicina all the way to Ljubljana. I took with me, as he advised, a spare pair of spectacles and a universal bath plug (so often missing, as he warned me, from washbasins), and the very first thing I did when I got into bed that night was to get out my *European Rail Timetable* and retrace the whole delightful odyssey, from one end of Europe to the other, consulting footnotes all the way.

-The Financial Times

Cooks TT autobiography By the Editorial Team at Cooks

Ithough the members of the current editorial team have over 100 years of service with Thomas Cook between them, we are all Johnny-comelatelys when compared with the length of time that the timetable has been around. I am, of course, referring to Cook's Continental Time Tables (CTT to many), the name carried from its inception in March 1873 until 1918. Name changes from then until 1973 were minor, involving the dropping of the apostrophe in Cook's, and the introduction of a hyphen in Time-Table, dropped in 1956 in favour of the more modern form Timetable.

From 1974 a change in the company's marketing policy meant is was now the Thomas Cook Continental Timetable, although from 1977 to 1980 Continental became International reflecting the addiben of non-European content. The introduction of the separate Overseas Timetable at the beginning of 1981 meant a reversion to the previous title, although in retrospect the opportunity should have been taken then to change it to European Timetable (reflecting sales across the globe), which eventually happened from January 1988. Finally, the word Rail was added to the title from January 2005, some 1423 editions after that first issue of March 1873.

In fact the first edition was 'distributed free, issued for the purpose of being freely distributed to Railway Officials and others interested in such publications, for their corrections and revision, and for the purpose of soliciting Advertisements'. The first regular edition followed in June, on a quarterly basis at first, becoming monthly from January 1883.

It was the idea of an employee, John Bredall, who later became Company Secretary. There was already a guide that showed rail times on the Continent called Bradshaw's Continental Guide, but this attempted to be comprehensive and had become a very large volume of over 1000 pages. Mr Bredall's proposal was for a

slimmer volume, described in the early issues as 'a Cheap, Concise and Simple Guide to All the Principal Lines of Railway, Steamers and Diligences on the Continent of Europe'. He was given the job of bringing the idea to fruition and continued in the capacity of Editor until 1914, succeeded in turn by C.H. Davies, H.V. Francis, J.H. Price, and finally the current Editor from 1985. The principle of carefully selecting those stations and trains which are of most use to the readers has remained with us to the present day.

PRESS OPINION 1873

COOK'S CONTINENTAL TIME TABLES AND TOURISTS HAND-BOOK. London: T. Cook and Son, Fleet Street.

This new Handbook certainly reflects great credit upon the enterprising firm by whom it is issued, as it not only presents the time tables of the leading Continental lines in a cheap, concise, and simple form, but also gives much miscellaneous information of great value to travellers with the other matter that comes within the scope of all Continental time tables. Among the special features which favourably distinguish this book from its contemporaries, we may mention the omission from the tablet of the names of all the small and unimportant places which are of no interest whatever to the traveller, and only serve to confuse him; and the extra distinction that is given between the hours of day and night by the use of two kinds of type - the figures denoting the hours of the night being considerably darker than those used for the day trains. There are also some valuable skeleton tables, shewing at a glance the quickest mode of reaching the principal Continental Cities without the trouble of searching for the times of the different trains in the general tables. Taken as a whole, this publication is a valuable addition to the literature of the iron road, and all intending tourists or travellers on the Continent who possess themselves of a copy will have cause to thank Messrs. Cook and Son, under whose personal supervision the work has been compiled. We must not omit to mention, too, the sectional railway maps, which are of a peculiarly clear and legible character.

-Oxford University Herald July 19, 1873

Printing the Timetables

Thomas Cook himself had a background in printing and publishing, and the timetables were initially printed 'in house' as we would say today, in the basement of Thomas Cook's Chief Office in Ludgate Circus, Fleet Street. From 1896 the job was placed with outside printers, notably Thomas Forman of Nottingham until 1954, then Albert Gait of Grimsby, and more recently William Clowes of Beccles.

Until the early 1980s, the timetable was set using Monotype hot metal keyboards and casters. This was particularly suitable for timetable work as each character was cast as a separate piece of metal, allowing individual figures to be corrected without disturbing others.

Computerised phototypesetting started to come in from 1978. Desktop publishing was introduced from 1991, eliminating the need for outside typesetting, and giving the small and dedicated editorial team, based at Thomas Cook's head office in Peterborough, Cambridgeshire, full control over the layout of the pages.

Thomas Cook possesses a unique collection of archive material in Peterborough covering every aspect of the company's history. Researchers can view the material, including old editions of the timetable, by appointment. A copy of the first edition of March 1873 holds pride of place in the Company Archivist's display cases

And for those who entered the Thomas Cook 102 Guineas world trip lucky drawplease be advised that entries closed on April 1st.

Horse services of the South Australian Railways in 1923

by VICTOR ISAACS

he South Australian Railways were unusual in operating a number of services by horsepower (literally). Some of these were more in the nature of urban tramways than railways but still came under SAR auspices. The following is taken from the SAR Public Timetable of 10 December 1923.

The Victor Harbour tram was a physical extension of the railway line for 3 km over the causeway to Granite Island. Originally built about 1850 to help develop the port, it was subsequently run from about 1875 for recreational trippers. It operated all year round. In January 1911 it was converted to operation by a small steam locomotive but this only lasted until 1914 when Dobbin came back. The line was foolishly closed in 1955, but the District Council of Victor Harbor understood its merit in a tourist area, and rebuilt it. It was re-opened on 14 January 1986. In 1923 there were 19 runs a day - note the breaks at mealtimes. On Sundays there were ten services, but not in the morning because everybody was

Gawler, 41 km north of Adelaide, is now the terminus of a thriving suburban service. The station is a little remote from the business centre, so an on-street horse tramway connected them. In 1923 services were sparse – three in the morning, three in the middle of the day and three in the late afternoon/early evening. On Saturday night there was an additional service just after midnight to connect with the Saturday only 11.14 pm train from Adelaide. But to make up for this, the horse then had a rest on Sundays. This line was also used for the delivery of locomotives from Martin Company's factory. It ceased operation, I believe, in the late 1920s.

A network of narrow-gauge horse lines ran around the mining and seaside town of Moonta in the upper Yorke Peninsula. Private mining tramways using horses were operating in this area before the government lines were built, so there was logic in the SAR also using horses.

There was a service of 11 trams (13 in summer) over the 2 km from Moonta to East Moonta, a sparser service of six trams over the 2 km from Moonta to Hamley Flat and fewer again – three (five in summer) - on the 4 km from Moonta to Moonta Bay. A peculiarity is that the service did not commence until midmorning. On Fridays services were augmented by additional evening services. On Sundays there were just two services to East Moonta and one to the Bay. This little system ceased operation in the late 1920s.

The 16 km horse-operated line from Port Broughton to Mundoora was a different category. This was a rural service, with just one tram a day. This line opened on 11 March 1876. From June 1926 horses were replaced with a Malcolm Moore rail tractor with Fordson traction engine until 3 August 1942 when the line was closed. This line was always isolated from other lines

Horse power had previously been used on other SAR lines: Port Wakefield-Balaklava-Hoyleton (NG), Naracoorte-Kingston (NG), and Victor Harbour-Goolwa-Strathalbyn (BG).

The Port Wakefield-Hoyleton line was notable in that the horses pulled the wagons uphill, and rode wagons downhill.

My thanks to John Kain for assistance and to *Australian Railway Routes 1854-2000* by Howard Quinlan and John Newland (Australian Railway Historical Society, NSW Division, 2000) for the dates in this article.

The horse line operated by the Victorian Railways between Welshpool and Port Welshpool (narrow-gauge) was covered on pages 1 and 3 of the *Times* of April 1999 and pages 9 and 10 of the *Times* of May 2006.

VICTOR HARBOUR TRAMCAR.

THIS TRAMOAR RUNS AS UNDER DURING SUMMER MONTHS
AS MAY BE ADVERTISED.

WEEK DAYS.

Leave VIOTOR HARBOUR for GRANITE ISLAND at 9'30, 10'0, 10'30, 11'0 11'30 a.m., 12'0 noon, 12'30, 2'0, 2'30, 3'0, 3'30, 4'0, 4'30, 5'0, 7'0 7'30, 8'0, 8'30, and 9'0 p.m.

Leave Granith Island for Victor Harbour at 9'45, 10'15, 10'45, 11'15, 11'45 a.m., 12'15, 12'45, 2'15, 2'45, 3'15, 3'45, 4'15, 4'45, 5'15, 7'15, 7'45, 8'15, 8'45, and 9'15 p.m.

SUNDAYS.

Leave Victor Harbour for Granite Island at 2.30, 3.0, 3.30, 4.0, 4.30, 6.30, 7.0, 7.30, 8.0, and 8.30 p.m

Leave Granite Island for Victor Harbour at 2'45, 3'15, 3'45, 4'15, 4'45, 6'45, 7'15, 7'45, 8'15, and 8'45 p.m.

FARES.—Victor Harbour and Granite Island section. 2d. each way, adult or child.

N.B.—The above timetable is subject to revision.

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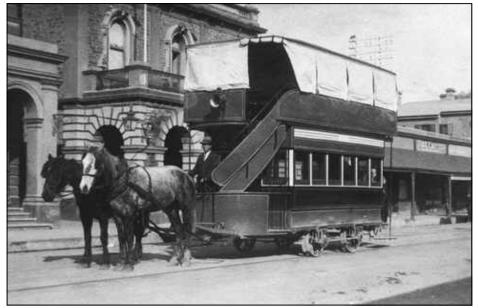
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++ These cars connect with Moonta Bay cars
These cars run during December, January, and February only.





Pile-up at Kilmore

In 1886, they were playing a waiting game at Kilmore, as GEOFF LAMBERT'S reading of an old WTT revealed

ne always paused for breath at Kilmore after tackling Pretty Sally, the first obstacle on the long trek to Sydney. Probably one paused at the same shanty where Pretty Sally plied her trade and gave her name to the famous hill. It was the top of the Great Dividing Range—and so close to Melbourne that the city's gleaming spires lay shimmering in the haze, "just over there". Kilmore is the oldest inland town in Victoria and was settled in 1837.

The railway also crested the range near Pretty Sally on a much photographed "vertical curve" (right) Trains laboured through here, their "I think I can" replaced with an exultant "I knew I could" as they scampered down the other side before their first drink at Seymour. Unlike the bullockys and the motorists, the trains spurned Kilmore— 6 miles down the line from the summit, it flashed past in a flurry of steam.

The railway's Kilmore is not the Hume Highway's Kilmore though. Once it was, but the coming of the Heathcote line saw the name shift to a station on the branch. Kilmore became Kilmore East and the junction point became Kilmore Junction.

These days, the trains scamper through Kilmore East on three tracks- two broad gauge and one standard gauge. It was not always this way. There was only a single track through Kilmore when the line opened in 1872, the locals holding riotous celebrations in the station yard (lower right). And the trains did not scamper- the slowest took 6 hours to get to Seymour. The line was worked at first by what some called "By Guess and by Gawd" and later by Staff and Ticket, which was then very new in Victoria and viewed with suspicion by drivers. There were many adventures. But even Staff and Ticket could not handle the increased traffic and in 1882, a decision was made to duplicate the line as far as Seymour. Duplication proceeded erratically and in disjointed sections, hampered by a 2 year hiatus due to lack of funds.

At the time of our timetable, 1st July 1886, the VR was just 3 weeks away from completing the major gap in the duplication—from south of Kilmore (Wandong Ballast Pits siding) to Broadford. That the Broadford-Tallarook section was already doubled is hard to discern from the WTT, because both of these stations show the Staff and Ticket symbol "†". But that was for the section in advance, of course.

In the Ballast Pits-Broadford single line section the only crossing loop was Kil-



For a long time they called this place *Kilmore Junction* and it wasn't until well after the branch line pushed on to Heathcote that it became *Heathcote Junction*. But there was a siding here before the duplication—and in those days it was called *Summit.—John Buckland photo*.

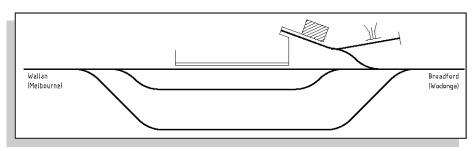
more— and boy, was it busy. In the 3 years between the 1883 Service Time Table and the 1886 Working Time Table the number of trains passing through Kilmore had risen from 34 per day to 55— and 37 of them met or passed another train at Kilmore. There were 51 "meets" every day (some trains met more than 1 train). It must have been a world record for Staff & Ticket.

Not all trains had to wait. The timetable favoured passenger trains, especially the (Sydney) Express, which did not pause for passengers between Melbourne and Seymour. This was an important train-beyond Seymour, VR went to the trouble of installing an extra platform at Euroa, where the Express both stopped and crossed another passenger train, so that the waiting time was minimised). Just the same, the WTT seems a little ambivalent about whether the Express really did pause for safeworking purposes- 22 Down Express met 16 Up Goods at Kilmore and the latter was shown as arriving just one minute before the Express departed. The Goods had to yield up the staff to the Express here, so it is hard to see how the Stationmaster could get away with such a snappy staff exchange without brining the Express to a stand. Another Goods was on the heels of the Express and, as soon as it arrived, the Up Goods set out for Melbourne.

It was pretty much like this all day at Kilmore, but the really busy periods were mid-morning for Up trains and midafternoon for Down trains. Kilmore had a passing siding and a goods siding in 1886 (see diagram on page 9). This meant that it was possible to "lock away" two trains at once to allow multiple crosses, and this happened several times a day. The Down (Roadside) Goods spent 1¾ hours in the goods siding while 4 trains went by between 7:11 and 8:55.

The timetable which forms the basis of this story is from the collection of member David Langley and has been made available to all on the *Victorian Railways* web site., http://www.victorianrailways.net/





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Viclink local travel guide: Kilmore/Wallan Peter Parker keeps us in the loop in modern Kilmore

public transport guides to some residents of Kilmore and Wallan. The guides coincide with the introduction of new bus services connecting with V/Line trains at either Wallan or Kilmore East railway stations. The exercise is a trial and recipients are invited to submit a survey form with the chance of winning a V/Line monthly ticket.

The mail-out comprises the following items:

Local guide to public transport (DL-sized booklet).

V/Line Seymour - Melbourne pocket train timetable.

Survey form.

The contents come in a cardboard wraparound holder which doubles as the address sheet.

The local public transport guide includes sections on contact details, local buses, V/Line services, community transport, local taxis and fares. Maps and timetables for the local Wallan and Kilmore town bus services are included. Both town services operate Monday to Friday and connect with morning and evening peak trains to and from Melbourne. These typically provide three or four services in the am peak, three or four in the pm peak and two in the middle of the day and appear to achieve this with a single bus.

Two interesting points arise from the bus timetables.

The first is that in both towns the midday buses departs the central bus terminus as soon as it arrives. Passengers wishing to



spend an hour or two shopping will need to wait until services resume for the pm peak, although in both towns some will be able to do 30 minute errands without the wait.

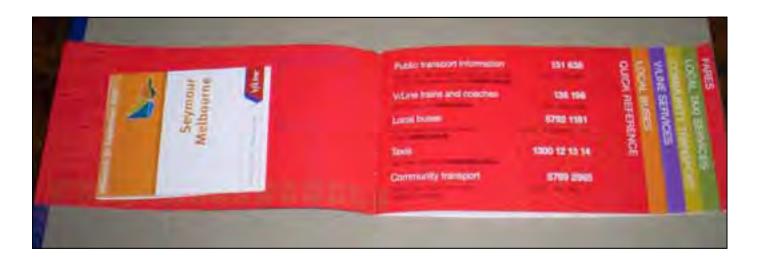
Both Kilmore and Wallan town services are timetabled as round trips with singledirectional running in parts. In both cases pm peak services operate from the station direct to the bus terminus. Passengers wishing to travel further would



(presumably) stay on the bus for the rest of their trip (next column in timetable).

As mentioned before, this is a trial project and we look forward to future developments.

Peter Parker parkerp@alphalink.com.au



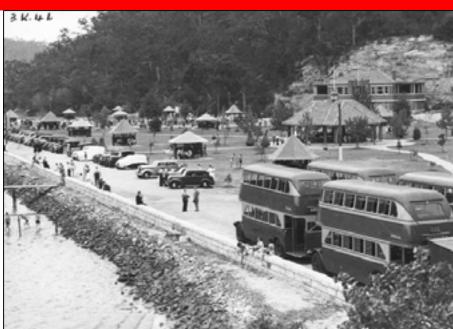
By bus to Bobbin Head JIM O'NEIL

hen I was a child, many people from Sydney went to Bobbin Head, on the southernmost part of the Hawkesbury River, for a day out on the water, as indeed quite a few still do. These days, everyone goes by car, but back in the fifties many of them went by bus (right). There were two bus routes to Bobbin Head in those days: I looked at the northern one, from Hornsby, in the *Times* in July 2002. In this article I am examining the larger of the two routes, the route 223, which ran north from Turramurra.

My first timetable (below right) was printed on light brown cardboard, folded in four. The timetable gives the name of the proprietor, J.T. Ford and his phone number, but doesn't give the date of issue, or Ford's address. I obtained it in the course of 1959: Ford kept his buses in a small depot in Eastern Road, not far from the station, while the phone number was that of his house on the south side of the Pacific Highway. Outside this house were parked two unregistered buses, in Ford's blue and white, but lettered for a run north out of Wollongong. Ford had operated the route 223 since 1949 and I don't know whether he had also operated the Wollongong run at the same time, or, if not, how he had acquired those two buses.

The bulk of the timetable is printed on one side of the cardboard sheet. On Mondays to Fridays, most services ran only to the Chase Gates, the end of the built up area, with six buses, running at various hours of the day, going further north through the national park to Bobbin Head. One morning bus ran, not to the Chase Gates, but to the Princess Juliana retirement home, on a side road shortly before Bobbin Head Road reaches the Gates to Kuringai National Park. During the day, one bus can operate the service with a second bus coming on in the peak hours. There is a gap between 1.0 and 1.37 at Turramurra, while the driver of the first bus takes his crib break. The second bus ran only once in the morning, leaving Turramurra at 7.14, while in the evening it left at 4.5 and at 5.30, with a Fridays Only bus at 7.3, which could only be operated by the second bus. Then after a long gap, there was a final bus at 9.55, which presumably catered to picture goers, although the usual notation "waits until pictures finish" or some equivalent is not found here.

At the weekends, most buses went all the way to Bobbin Head, with just a few terminating at the Chase Gates. On Saturdays, the timetable could be operated using a single bus, at hourly intervals for almost the whole day. On Summer Sundays and Public Holidays, a second bus was re-



quired in the afternoon, with the 1.48 bus leaving two minutes before its predecessor arrived at Turramurra and the same applied to the 2.18 departure. From 3.18 the two buses provided a half-hourly service, so that Sunday services ran almost as often as the weekday ones did. There was an additional early bus on Public Holidays, at 7.14 a.m. and the late night bus left at 9.50 on Sundays but at 11.20 on Public Holidays. On Winter Sundays there was a less frequent service, starting somewhat later and running only at approximately hourly intervals, although two different buses were still required, with the 12.52 from Turramurra returning at 1.48, eight minutes after the 1.40 had left northbound. The timings of the final bus of the day seem inconsistent between the various days of the week. On Weekdays (and Christmas Day and Good Friday as well) it left at 9.55. On Summer Sundays it left five minutes earlier at 9.50. On Winter Sundays it left 10.20, Public Holidays at 11.20 and on Saturdays at 11.35. It seems unlikely that the picture shows finished at different times on the various days, and in particular that sometimes they finished at times with such small differences.

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16.50	10.55	11.0	11,4	11.0	11.18	11.18	11.28	11.32	11.36	11.4	11.46	
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2.18	2,23	2.28	2.32	2.36	2,46	2.46	2,56	3.0	3.4	3.9	3.14	
3.18 4.18	3,23	4.28	3.32 4.32	3.36 4.86	3.46 4.46	3.50 4.46	4.0	4.4 5.0	4.8 5.4	4.13 5.9	4.13 5.14	
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						100					77. 17	

OFFICIAL BUS TIMETABLE	TURR	AMU IOITA		то	PYM STAT	
		MON	DAYS 1	o FRID	AYS	
ROUTE 223	Depart Turramura Station	Depart Spurwood & Bannockburn Road	Arrive Pymble	Depart Pymble	Depart Spurwood & Bannockburn Road	Arrive Turramurra Station
	MILTON					ON
TURRAMURRA to PYMBLE	8.m. 6.30 7.7	6.34 7.14	6.45 7.23	6.46 7.27	6.52 7.35	
	7.43 8.0	7.49 8.8	8.20	8.21	7.50 8.30	7.59 8.38
TURRAMURRA	8.40 9.20 10.16	8.46 9.26 10.23	8.58 9.38 10.33	9.0 9.40 10.35	9.10 9.50 10.43	9.58
to BOBBIN HEAD	10.52 p.m.	10.59	11.9	11.10	11.19	
	1.46 2.40 3.36	1.53 2.48 3.44	2.4 2.58 3.50	2.20 3.14 4.0	2.30 3.22 4.10	3.31
• • •	4.24 5.20 5.56	4.33 5.27 6.4	4.44 5.38 6.14	4.49 5.38 6.15	4.59 5.48 6.25	5.7 5.56
	6.32	6.38		To De		7.3 7.42 7.59 9.18 9.18 10.51 11.28 2.38 3.34 4.20 5.7 6.31 7.58 8.39 9.36
Prop. J. T. FORD. JJ 2835	a.m.		SATUR	DAY		
SPECIAL HIRINGS CATERED FOR	8.5	8.12	8.23	8.23	7.50 8.33	8.39
Phone For Information	8.48 9.38 10.24	9.47 10.31	9.6 9.56 10.40	9.19 9.58 10.48	9.27 10.8 10.55	10.20

On the reverse of the timetable (above, realigned by the editor), there was the front cover, when it was folded, giving the details of the route 223 and its ownership, two blank pages and also the timetable for the second part of the 223, that from Turramurra to Pymble. This followed a different route out of Turramurra. The Pymble bus ran north along Eastern Road, turned left into Karuah Rd, right into Katina St, left again into The Chase Road to reach Bobbin Head Road, then turned south near Spurwood Road to run down Bannockburn Road, only a block east of Bobbin Head Road, to reach Pymble Station in its journey north, The Bobbin Head Road bus turned right a block earlier, ran on Boomerang Avenue to Bobbin Head Road going north to Chase Gates or Bobbin Head. The timing point of Canberra Road can be seen two blocks north of the intersection of Boomerang St and Bobbin Head Rd. The Pymble run was operated by a third bus, which had a lunch break between 11.29 and 1.46. Most services ran through between the two stations, but two services, the 7.43 a.m. and the 6.32 p.m. ran only to Spurwood Road. There was no evening or Sunday service on the Pymble run, and Saturday service ended at 11.4 in the morning.

Also on the north side of Turramurra, and overlapping with the 223, was the route 226, from Wahroonga Station to Turramurra and Pymble. This ran to Wahroonga via Eastern Road, turning right at Trentino Road, further north than either version of the 223. Going to Pymble it went down the Highway to Ku-ring-gai Av., right onto Boomerang, but continuing east on Pentecost Av to Bannockburn, where it turned left. Pymble bound buses on the route 226 ran north for three blocks along a road where Pymble bound buses on the 223 ran southwards. At Murdoch Road it turned right and then ran south a few blocks east of the route 223 to reach Pymble Station. The timetable I have for this (right) was issued on the 18th May, 1959 by R.R. Deane, and also included the Kissing Point Road, the route 166 on the other side (not shown here.) By the time I picked it up, in

November of that year, the eastern part of the route 226 had been sold to R.R. Harney and renumbered the route 63.

This meant that buses no longer ran through from Wahroonga to Pymble, and must have involved some changes in the route 63 timetable, since Harney ran only a single bus. Times cannot be read across from one section of the timetable to another. The first bus of the day arrives at Turramurra from Wahroonga East P.O. at 6.35 and continues on to Pymble, returning to Turramurra at 7.26. The final

service on that first line, leaving at 7.08 cannot be run by the same bus, but is operated by the bus arriving from Wahroonga East at 7.05, which returns from Wahroonga at 7.50 and leaves again for Pymble one minute later. Meanwhile the first bus runs back to Pymble at 7.31, going on to Wahroonga at 8.05, while a third bus arrived from Wahroonga East at 7.40 and went back north at 7.45. You couldn't read across the timetable with any confidence you were dealing with the same bus on any one line, but then I doubt that many people went from one half of the route 226 to a destination on the other.

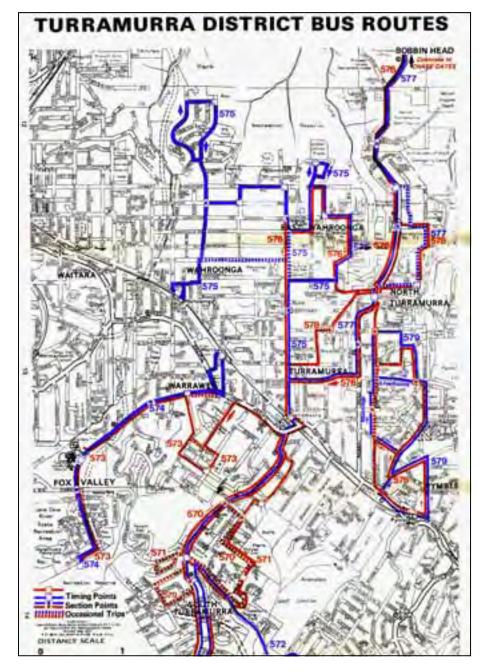
We may note that most of the evening buses from Pymble turned left when they reached Pentecost Avenue and looped back to Pymble instead of turning right for Turramurra: these buses are marked M and MB on the timetable. Some buses on the Wahroonga section skip Wahroonga East P.O. in the contra-peak direction, running via Eastern Road (marked E), buses marked T ran to Tennyson Avenue, just

before the Depot, coming from Turramurra, while similar buses to and from Wahroonga were marked D for Depot.

Saturday service required two buses. The 7.35 from Wahroonga East went on to operate the route 166, returning by 7.57 and going north to Wahroonga, while the bus arriving at 7.53 went on to Pymble at exactly the same time. Saturday service had largely ceased by half past one in the afternoon, but note the two later buses leaving Pymble at 6.33 p.m. and again at 11.33, late in the evening, both running as far as Tennyson Street. Note also the Sunday service, with a single run in each direction between Turramurra and Pymble, with a gap of a little over an hour at Pymble. Like the route 55 (see The Times October 2000) and the Toongabbie service (The Times February 2007) the route 226 ran a bus on Sunday for the use of church-goers and no-one else, but unlike those two services, the church concerned is not identified in the timetable.

The map in the timetable ([age 14), published by Urban Transit on the 11th September 1988 shows some changes in routes and renumbering of all of them. As they were all under the ownership of Deane's Coaches, routes which had previously been under different owners could now be combined. The Bobbin Head service was now renumbered 577 and a variant introduced, the 576, which went only to Chase Gates, but also included a loop to East Wahroonga, along the old 226. The Wahroonga service had been renumbered to the 575 and extended in the northwest to North Wahroonga. The two different services between Turramurra and Pymble were now combined into one, following the old 223 to Spurwood Street, adding a loop in North Turramurra and proceeding

			ROU	JTE N	lo. 226												
	MONDAYS 1	TO FRIDAYS				SAT	URDAYS										
Depart Wahroonga Arriva Turramurra	Depart Turramurta Arrive Pymble	Depart Pymble Arrive Turramurra	Depart Turramurra Arrive	Wahroonga	Othert Wahreenga Arrive Turramurra	Dopart Turramurra Arrive	Depart Tymble	Arrivo Turramurra	Depart Turramurra	Arrive Wahroonga							
a-m. a.m. W 6.35 W 7.05 W 7.40 7.30 7.50 8 97 8.27 8.30 8.50 9.15 9.35 10.15 10.35 11.30 11.50 p.m. p.m.	2.m. 2.m. 6.46 7.04 7.51 7.49 7.51 8.69 0 8.27 8.51 9.09 10.18 10.36 11.00 11.18 p.m. p.m. 12.18 12.36 2.10 2.28 2.55 2.28	3.m. a.m. P 7.12 7.26 P 7.59 8.04 C 8.14 8.30 8.45 9.30 9.48 10.40 10.58 11.30 11.48 p.m. p.m. 12.37 12.55 P 2.30 2.44 C 3.20	7.08 7.45 E 8.05 T 8 30 8.55 9.55 11 11.65 11 p.m. p	9.15 0.15 1.25 2.15 0.15 1.25 2.15 0.16	a-m. a.m. W 7.35 F 7.53 8.18 8.38 9.33 9.53 10.45 11.05 p.m. 11.47 12.07 p.m. 12.29 12.59	a.m. a.1 7.58 8. 9.03 9. 16.00 10. 11.06 11. 9.m. p.1 12.08 12. M 1.05	11 8.8 21 9.2 (8 16.2 24 11.2 n. p.m	8.48 9.49 10.38 11.43 p.m. 1.2.49 6.48	a.m. 7-57 8-50 10-05 11-07 p.m. 12-12 W 1.19 T 6.50 T 11-50	a.m. 8.17 9.10 10.25 11.27 p.m. 12.33							
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to Pymble via a combination of the old routes 223 and 63. This was numbered 578 and another route, the 579 operated a loop north from Pymble over both the older routes, which varied in its operation between mornings and evenings.

If we turn to the 1988 timetables (pages 15-17, top), we come first of all to the Wahroonga runs: in peak hours separate loops were operated, one out of Wahroonga to Carrington Road and the

other out of Turramurra to Westbrook Ave and Esk Street. Through service was provided between the stations only after the morning peak on weekdays, running to the 4.55 departure from Wahroonga, and on Saturday mornings. On Saturday afternoons and on Sundays and Holidays a service on the combined route 576 was operated out of Turramurra, and no service ran from Wahroonga. On the route 577 service only three buses ran all the way through to Bobbin Head on weekdays and

four at weekends and on Holidays. Most buses ended at Chase Gates, while a number of route 578 buses ran as far as North Turramurra on weekdays. On Saturday mornings the North Turramurra loop was covered by diversions of the 577, while on Saturday afternoons, Sundays and Holidays, both route 577 and route 576 (diverting to cover East Wahroonga as well as Chase Gates) were operated. Finally in the Pymble service only weekday service was provided, with route 578, running between the two stations operating in offpeak hours and the loop service from Pymble, the 579, during peak hours. No evening service on any of these routes was operated much later then seven o'clock.

Service on the 577 has suffered further declines by the time of my next timetable, issued on the 25 August 2003 by Transdev (pages 17, bottom-18), The North Turramurra loop of the 578 has disappeared, and only four off-peak services on its East Turramurra section remain, now renumbered as 577. Furthermore, service beyond Ku-ring-gai High School (just south of Chase Gates) has ceased. On the other hand, buses now leave Turramurra as late as 8.45 on weekdays and the Princess Juliana Lodge is included by all buses to the High School.

Service has not ceased completely on the Pymble end. My last timetable (page 19) was issued by Shorelink, who owned these services between Deane's Coaches and Transdev, on 1 November 1999. Its route was close to, but not identical with that of the old route 579, since all buses operated along the same route. It was labelled an Interim Timetable and had received the unusual number of Route 800/900 (both of which should, on the current system of route numbering, been found in the Parramatta area.) Service on this route was provided only in peak hours, so that East Turramurra was serviced by a loop from Pymble in the peak hours and a different loop from Turramurra during shopping hours. Service has continued on the Pymble loop, with changes of timing and of numbering. First it became the route 577P and finally it reverted to being the route 579. Bus service has ceased operating to Bobbin Head, you have to go there by car nowadays, as indeed some of us did even in the fifties, but service continues in the built up areas, even if the route pattern has been simplified.

Route 575: WAHROOONGA to TURRAMURRA Route 576: EAST WAHROONGA to TURRAMURRA via North Turamum Charrywood Aus & Humpden Avenue Tanana I and Carringue Rd & Walescope Ave 1 risk risk trie from 816 ta tir ta 120 tile 116 196 186 188 till 1281 \$7.04 12 TH TH 7# 15 ton sinc time time sir 1/0 ... 456 100 the 100 th Sales . 1000 2555 4000 1111 117 129 341 348 12.0 STREETS STREETS STREET 11.05 136 136 137 138 100 100 100 400 11 Section. 140 140 150 440 100 130 247 140 SPERMIN 121 REAL PROPERTY. 14 166 4/2 166 140 142 150 1500 Mary 4864 187 18 410 121 14 48 8.16 £16 £216 ER 18 15 17 44 114 17 LH. 48 44 Last 100 100 10 100 100 性 12 650 18 107 EXPLANATIONS — thus operates inner Cleosterol Birest on Burns Road. Classoft Brest. Champeout Average to Hampeout Average the Inner trust \$12 to Mannageth Average the Inner trust \$12 to Mannageth Average the Inner trust Reset. Estemn Flood to Boundary Road. Their normal roads \$15 to North Hadracongs. 4 Sub-States Innered roads \$15 to North Hadracongs. 5 Sub-States Innered roads \$15 to North Hadracongs. 6 Sub-States Innered roads \$15 to North Hadracongs. 7 Sub-States Innered roads \$15 to North Hadracongs. 8 Sub-States Innered Road to Turnishman to Kintere Street, Harry rute storing Essential North Hadracongs. 9 Sub-States Innered Road to Turnishman to States Innered Road (Innered Road). 9 Sub-States Innered Road to Hadracongs.

WAHROONGA TRIPS

Route 575: WAHROOGNGA to TURRAMURRA via North Wahroongs and East Wahroon Route 578: EAST WAHROONGA to TURRAMURRA via North Turamuma

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Route 575: TURRAMURRA to WAHROONGA via East Wahroonga and North Wahroonga Route 576: TURRAMURRA to NORTH TURRAMURRA

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Route 575: TURRAMURRA to WAHROONGA via East Wahroonga and North Wahroonga Route 576: TURRAMURRA to NORTH TURRAMURRA via East Wahroonga

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NORTH TURRAMURRA TRIPS

Route 577; BOBBIN HEAD to TURRAMURRA

* Also shows route 578 trips between North Turran

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State State	1	Draw Gains	Channy he a Appearan	7	Scotter Need No.	Specusion for & Section reset for	The Chase Re's Billahong Are	Spendings Tinden	The same	i.
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120	-	100	1.68	13.38	100	12.11	1.10	110	碧	121
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125.5	1	\$14 \$46	-	116 100 100	818 811 722	6.27 6.53 7.55	7	9.25 9.25 9.27 7.28	糖	14

Route 577: BOSSIN HEAD to TURRAMURRA

Also shows route 576 trips between North Turramums and Turramums.

## ## ## ## ## ## ## ## ## ## ## ## ##		ROBBIN HEAD		MORT	OFFICE	UNIA		7,9044	LEVA	
### 1	Party Party	Parameter .	Owen Gales	Daing hit h	-	Manual Area &	Sparred No & Solder Supplifie	Lowers Potes	1	-
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	22,000	10	12.30 1.30 1.00 4.00 5.15	151.52	1100	100000	THE STATE OF	1239 238 239 439 439 538	1	125.00

How Do You Get From Strawberry Hills To Lemon Grove?

CALL METRO TRIPS







Route 577: TURRAMURRA to BOBBIN HEAD

Also shows Routes 576 and 578 trips between Turramums and North Turramums.

			MAKE			NOW	n tumbas	appea.		NO.
-	-	Test arrives Surmouth	-	The Owns Ag & Billebong Are	Sparwood No. 6. Better freed No.	Chairmag No. 6.	Appearant Lock &	Million No.4. Bushler Head flat	Chase Sales	Scotter Sand
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578 577	10.55	11.40	11.17 11.50Z	11.21	11.54	11.26	11.38P 11.56	11.672	12.00	11
579 579 579	11.25 12.05 12.35	42	17.20 17.50 1.20	1224	12.56	1228	12.51F 12.57 12.57	12.58	166	
577 576	1.00	210	1.562	221	1.85	2.35	1.57 2.30P	1.882	140	2.10
\$77 \$77 \$78	13	256 327 351	327 327 336	356	3.32	4.65	114	3.36 3.36	341	
527 527 527 528	1.19	551 422	4.04	1	4.35		4.13	4.15	4.51	
\$17 \$27	237 438 439	4.33 5.00	4.38 6.552 5.06	1.42	5.01 5.11A	5.15A	452 554 577	5.96Z 45.20	3.66	1
578 577 577	430	5.00 5.20 5.30	5.20 5.26 5.57	3.26	5.01 5.434	5.30 5.45A	137	8.37 45.50	841	
577 578 577	189	5.54 5.04 9.29	8.57 8.13 8.32	6.17	6.00	6214	8.00 9.27 9.30	6.08 46.29F	6.13	
577	8.24	8.55	7.06		7.00	- 5	7.11	F.13	Fif	

Route 577; TURRAMURRA to BOBBIN HEAD

Also shows route S76 trips between Turnmurs and North-Turnmurs.

		Fumba	eichte		NORTH	TURNAL	fitta		ACK!
State State	-	- Control	Parent Pa	Special Park &	Ellaiong for & Appa Ave	Section and a	Memor Co. 5 Bodden Panel by	Dane Sens	States read
577 577 577 577 577 577 577 577 577 577	\$1000000000000000000000000000000000000	5.40 7.40 7.40 8.40 6.40 11.25 11.40	8.57 7.85 7.55 8.55 9.55 10.36 11.30 11.35	7.00 7.26 7.56 8.56 9.56 9.56 9.56 9.56 9.56 9.56 9.56 9	11.35A 12.00L	7.91 7.30 8.00 8.00 10.00 11.00 11.41A 12.00	7.00 7.31 8.01 8.01 11.01 11.45A 12.08	7.06 7.36 6.05 9.05 10.06 11.06	100
ななない ののできる	11.00 12.00 1.00 2.00 2.00 2.00 2.00 2.0	12:10 12:40 1:40 2:40 3:10 3:36 5:10 5:51	16.25 12.55 1.85 2.460 1.20 4.050 8.190 8.25	12.50 12.50 1.58 1.58 1.51	H. IGA	12 80 12 12 12 12 12 12 12 12 12 12 12 12 12	12-00 2-00 2-00 2-00 2-00 2-00 2-00 2-00	1237 130 206 206 230 422 536	425
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21212	11.00 10.00	11.55 1.40 2.40 3.40 4.60	12.100 1.35 2.500 3.50 4.50	156	-	12.75 2.00 3.03 3.50 +35	201 201 204 254 256 438	12.28 2.25 3.08 4.00 5.00	10

PYMBLE TRIPS

Route 578: PYMBLE to TURRAMURRA

Route 579: LOCAL PYMBLE SERVICE (Murdoch Street) from PYMBLE STATION via Merrivale Road

		PIN	B.E.		MORE	IN TURBUM	AUPRA	- 1	INVINE.	tha .
Boute Number	Train perioss Pyrobie From City	Pyrible Station	Charles Ave & Pentenced Ave	Martoch St & Bannockburn Rd	Spared Real Solden Head Re	Eliatorg Rd & Apps Arende	Bobbin Head Rd	The Chase Rd &	Turament Distances	hain departs Legandes Ser City
3	The same			900	EENOAF	1				
579 578 578 579 579 579	7.20 7.41 8.06	7.260 7.500	1	7.56 7.57	7.11	7.04	7.12	7.15 7.32	7.10	72
578 578 578 578 578 578	9.10 9.43 10.42 11.37	8.100 8.150 9.05 9.46 10.44 11.46	9.51 10.49 11.51	8.17 C8.28 9.10 8.54 10.52 11.54	9.12 9.56 10.54 11.56	9.16 9.50 10.57 11.50	9.18 10.62 11.00 12.02	8.33 9.22 10.06 11.04 12.06	8.36 9.26 10.10 11.08 12.10	8.42 9.30 10.25 11.10 12.25
578 578	12.37 1.52 2.37	12.50	12.56	12.58	1.00	1.00	1.06	1.10	1.14	125
578 578 579 579	2.37 2.18 2.36	2.50 3.26P 3.45	2.56 3.34R 3.52	3.37 B3.55	3.39	3	-	3.41	245	3.61
579 579	4.38	4.15	4.57	B4.26 B4.50	100	-	G	**	111	156
578	4.57	5.02	166	5.08	1.10		100	6.53	1.17	5.25
579 579 579	4.57 5.27 5.39	5.30	5.06	B5.12 B5.40	-	- 20	100	0	- 11	125
579 578 579	5.51	5.50 5.55 6.10 6.38	5.57	B6.00	8.03	3	-	9.00	6.10	8.21
579	5.51 8.08 6.30	6.10	6.17	845	-	- 10	-	11	-0	-
-	19.00	-		0.49	- 0.0					

Bus Internst to Pyroble Station via Bannockburn Road, Pantacidel Avenue, Microsale Road, Tolograph Road and Pacific Highway.
 On school days bus operates from Pyroble Station along Livingscone Avenue, Eventur Street, Avon Road, Arits Road, Alexant Road, Linden Avenue, Beachworth Road, Pacifitighway, Bannockburn Road, Rushall Street, Crown Road, Nen normal costs 578.
 Bus operates from Pyroble along Stannockburn Road,
 Bus operates via Siegraph Road, Montrole Road, Selevyn Street, Alexand Street, Charloth Avenue, Murdoch Street, Rushall Street, Charloth Avenue, Buckon Street, Agent Avenue, Murdoch Street, Bannockburn Road, Bannockburn Road, Bannockburn Road and normal soute 578 to Turnsmurte Station.

On Saturdays, Sundays and Holidays there are no services from Pymble Station: However, services operate on routeo 576 and 577 from Tumantums. for details one page 22.

Route 578: TURRAMURRA to PYMBLE

North Turramurra
Route 579: LOCAL PYMBLE SERVICE (Murdoch Street)
to PYMBLE STATION
via Merrivale Road

	- 1	PLANTE	RA	HORT	TUPPAN	ANN.		PN	1.0	
Rocta Number	San private Leasure have City	Turnements	The Chees Re's Sillaborg Ave	Ellatong fld & Apps Ave	Normums Ave & Bubblen Head Rd	Sparwood Nd & Bobbin Head Rd	Martinia SI & Barrockbarr Nd	Charlion Ave & Punteccet Ave	Pymbles Slatton	Participants Participants
					EEKDAY					
55 55 55 55 55 55 55 55 55 55 55 55 55	7.59	7.54	8.00		11-12	7.12	D6.48 7.14 07.36 07.57 8.06 D8.17	6.51 7.17 7.40 8.00	6.58 7.24 7.47 8.00 8.13 8.32	7.06 7.26 7.56 8.11 8.16 8.36
576 576 576 576 576 576	6.34 910 10.05 11.10	8.40 9.17 10.12 11.17	8,44 9,21 10,16 11,21	8.25 30.20 11.25	8.28 10.27 11.28	9.30 10.25 11.30		8.54A 9.35 10.30 11.35	9.01 9.42 10.37 11.42	9.67 10.40 11.57
578 578 578 578 578	12.10 1.10 2.10	12.20 1.20 2.24	12.24 1.24 2.28	12.28 1.28 2.32	1231 131 236	12.33 1.33 2.37	12.35 1.35 2.39 2.58C	1238 138 242	12.45 1.45 2.49 3.13	12.57 1.57 2.51 3.21
570 570 570 570	351	3.55	3.50	4.00	4.06	4.00	83.85 4.10 84.26 84.50	557 428 452	4.15 4.33 4.57	4.24 4.37 5.01
576 576	433	4.36	4.42	4.46%	4.52	4.53	4.55 85.12	2.14	5.00	5.20
579 579 579	5.20	5.24	5.28	5.32	5.35	5.29	5.41 85.40 86.00	5.42 6.02	5.46 5.47 6.07	5.55 5.55 6.23
in.	431	8.15	8.17	621N	627	8.25	88.20 8.30N	6.22	6.27 6.35	6.42 6.42

A — Bus operates via Bannockturn Road, Rushell Street, Pentecost Avenue, Marrivale Road, Salvyn Breet and Bannockturn Road.

B — Bus operates to Pyrntile Station via Bannockturn Road, Pentecost Avenue, Marrivale Road, Telegraph Road and Prantic Highway.

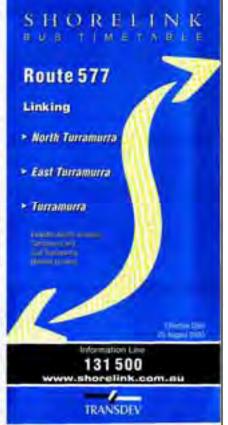
Bus operates via Rushald Street and Crown Road on school days only.

7 inn Pyrntile bus operates via Bannockturn Road.

Bus operates from Agos Avenue, Elating Road, Allers Avenue, Movera Road, Nontures Avenue, Kedunita Crescere, Milton Road and Biothin Head Road.

On Saturdays, Sundays and Holidays there are no services to Pyroble Stu-services operate on routes 576 and 577 to Turramurra; for details see page 21





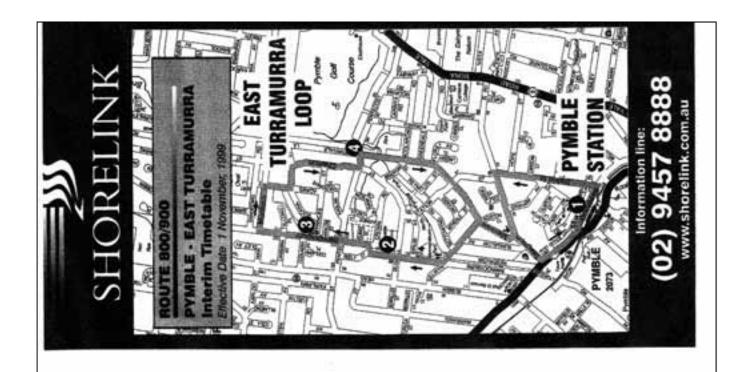
					M	ON	DA	Y T	0	FR	1 D	AY			
ī								0 R	NIN	G					
ŧ	TURRAMURRA STH	5:59	6:38		7:00	7:19	7:33	8:07	8:30	9:15	9:45	10:15	10:45	11:15	11:45
2	Murdoch Street		-	-	4	-	-	-	-	-	-	10:20	141	11:20	-
7	Charlton & Pentecost	15				0.00		1147	Carlo	1911	13	10:23		11:23	100
3	Nth Turramuma Shops	6:04	6:43	6:52	7:05	7:24	7:38	8:14	8:36	9:21	9:51		10:51	6	11:51
4	Princess Juliana Lodge	6:08	6:47	6:58	7:09	7:28	7:42	8:25	8:54	9:25	9:55	-9-	10:55		11:55
ï	KU-RING-GAI HIGH	8:11	6:51	7:02	7:13	7:32	7:46	8:22	8:47	9:28	9:58		10:58	-36	11:58
3	Nth Turramuma Shops	6:17	6:57	7:08	7:19	7:38	7:52	8:32	9:00	9:34	10:04	-	11:04		12:04
T	TURRAMURRA STN	6:25	7:06	7:18	7:29	7:48	8:02	8:40	9:08	9:42	10:12	10:28	11:12	11:28	12:12

T	urramurra - N	lort	ΗT	urr	am	urra	9 - 1	Tur	ran	nur	ra									F	lou	te !	577
							M	0	N	D /	4 4		1 0		FR		D /	. Y					
		6								A	FI	E	RN	0 (N C								
6	TURRAMURRA STH	12:45	1:15	1:45	2:15	2:54	3:25	4:00	4:15	4:30	4:45	5:00	5:15	5:30	5:45	6:00	6:15	6:30	6:45	7:15	7:45	8:15	8:45
2	Murdoch Street		1:20	12	2:20	-	-	-	18	-	+	-4	Q.	-	-	9		*	4	+	+	-	
7	Charlton & Pentecost	1	1:23	- 4	2:23	1		B	18.	4	1	10	111	-4	l la r	(4)	6	15		10	4	10	1.0
3	Nth Turramurra Shops	12:51	.4	1:51	74	3:00	3:33	4:06	421	4:36	4:52	5:07	5:22	5:37	5:52	6:07	6:22	6:37	6:52	7:22	7:52	8:22	8:52
4	Pr. Juliana Lodge	12.55	1:+1	1:55	-	3:04	3:37	4:10	6.25	4:40	4:56	5:11	5:26	5:41	5:56	6:11	6:26	6:41	6:56	7:26	7:56	8:26	8.56
	KU-RING-GAI HIGH	12:58		1:58	(e)	3:07	3:42	4:10	4:25	4:43	4:59	5:14	5:29	5:44	5:59	6:14	6:29	6:44	6:59	7:29	7:59	8:29	8:56
3	Nth Turnsmurra Shope	1:04	+	2:04	+	3:13	3:48	4:19	134	4:49	5:05	5:20	5:35	5:50	6:05	6:20	6:35	6:50	7:05	7:35	8:05	B:35	9:05
ï	TURRAMURRA STN	1:12	1:28	2:12	2:28	3:21	3:56	4:27	A 42	4.57	5:13	5:28	5:43	5:58	6:13	6:28	6:40	6:58	7:10	7:40	8:10	8:40	9:10

Ī	urramurra - Nt	h Tu	rram	urra	- Tu	rrami	urra							Ro	ute 5	77
П					SA	TU	R D	AY					s u	NDA	Y	
Г			MOR	NIN	g .		AF	TER	NO	ON		MOR	NING	AFT	ERNO	N
		5.	6.			5	5.	Ġ.	5	5.		5.	6	5.	5	6.
1	TURRAMURRA STN	8:45	9:45	10:45	11:45	12:45	1:45	2:45	3:45	4:45	5:45	8:45	10:45	12:45	2:45	4:45
3	Nth Turramurra Shops	8.52	9.52	10:52	11:52	12:52	1:52	2:52	3:52	4:52	5:52	8:51	10:51	12:51	2:51	4.51
4	Princesa Juliana Lodge	8:56	9:56	10:56	11:56	12:56	1:56	2:56	3:56	4:56	5:56	8:55	10:55	12:55	2:55	4:55
5	KU-RING-QAI HIGH	8:59	9:59	10:59	11:59	12:59	1:59	2:59	3:59	4:59	5:59	8:58	10:58	12:58	2:58	4:58
3	Nth Turramurra Shops	9:04	10:04	11:04	12:04	1:04	2:04	3:04	4:04	5:04	6:04	9:03	11:03	1:03	3:03	5:03
1	TURRAMURRA STN	9:11	10:11	11:11	12:11	1:11	2:11	3:11	4:11	5:11	6:11	9:10	11:10	1:10	3:10	5:10

GREY HIGHLIGHT: Bus operates on school days only
PUBLIC HOLIDAYS The Sunday timetable operates on Easter Saturday and
all Public Holidays. There is no service on Christmas Day.

Wheelchair accessible buses operate on this service. For operational requirements, Shorelink reserves the right to substitute wheelchair accessible buses with conventional buses



P	ymble - East Turramu	ırra - F	ymble	e (Inte	rim Tin	netab	ole)	Ro	ute 80	0/900
	*	COLUMN TO SERVICE		MO	NDAY	TO	FRID	AY		
ī		M C	RNI	NG			FTER	NOOF	٧	
a	Train from City arrives	7:02	7:16	7.52	3:18	3.33	3.54	4:21	4:36	5:05
1	PYMBLE STATION	7:14	7:38	8:00	3:23	3:42	4:00	4:26	4:43	5:11
2	Rushali & Bannockburn	7:19	7:43	8:05	3:27	3:46	4:04	4:30	4:47	5:15
3	EAST TURRAMURRA SHOPS	7:21	7:45	8:07	3:29	3:48	4:06	4:32	4:49	5:17
4	Merrivale & Pentecost	7:25	7:49	8:11	3:32	3:51	4:09	4:35	4:52	-
1	PYMBLE STATION	7:34	7:58	8:23	3:41	3:57	4:15	4:41	4:58	
ń	Train to City departs	7:39	8.06	8:36	3:48	4:03	4.24	4:51	5:09	-

There are no services on Weekends or Public Holidays for this route: There is no service on Christmas Day. Additional services between Turramurra and East Turramurra are available on normal Route 577 Timetable

SHORELINK A member of the John A Gilbert Group ACN 000 016 339

Office: 33 Beaumont Road Mt Kuring-gai NSW 2080 Phone: (02) 9457 8888 Fax: (02) 9457 9086

Postal Address: PO Box 138 Mt Kuring-gai NSW 2080

Office Hours: 8.00am - 5.00pm Monday to Friday

Email: info@shorelink.com.au

By train to Central in 2011

MORRIS IEMMA

couple of years ago, The Times looked at a potential train timetable for the Sydney system in 2041, courtesy of Dr Who and the Time Lords. Well, we all know now that Dr Who was wrong-footed by Michael Costa and the NSW Treasury, who put the kybosh on heavy rail.

Now, courtesy of Morris Iemma, we are to

get an underground Metro system to the North West. It's a long way away—watching a railway be built is like watching grass grow—and much in contrast to the speed of construction in 1886 (our page 5) and in this day and age could well be a non-core promise anyway.

In the days when railway expansion was a core promise, the NSW State Plan set out a

vision for how the system was to be "enhanced", with new lines in all directions and the ballyhooed "rail clearways" program. Now that Rail Clearways looks like going down the gurgler, it is worth looking at the State Plan, to see what we are going to miss.

You wanna see 2017?

