MASTER TRAIN PLAN

GENERAL INSTRUCTIONS

This document replaces the former Working Timetable General Instructions publication.

V/Line Print. 1658-89

IMPORTANT

Amendments to this book will be issued in the form of 'W' circulars numbered consecutively, or by S or O circular. All alterations are to be made neatly in ink as soon as possible after receipt of each amending notice, particulars of which are to be recorded.

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Replaces:

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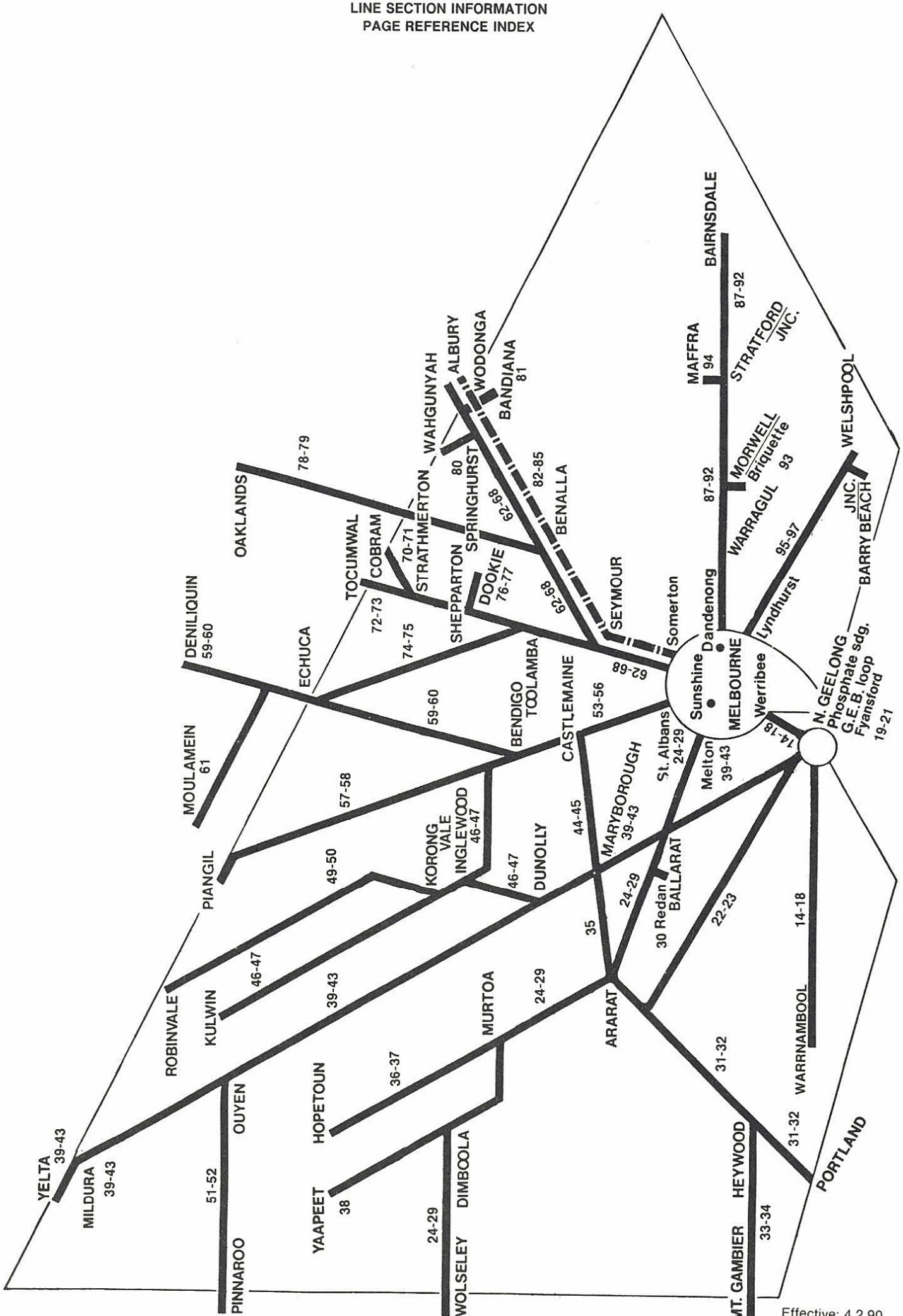
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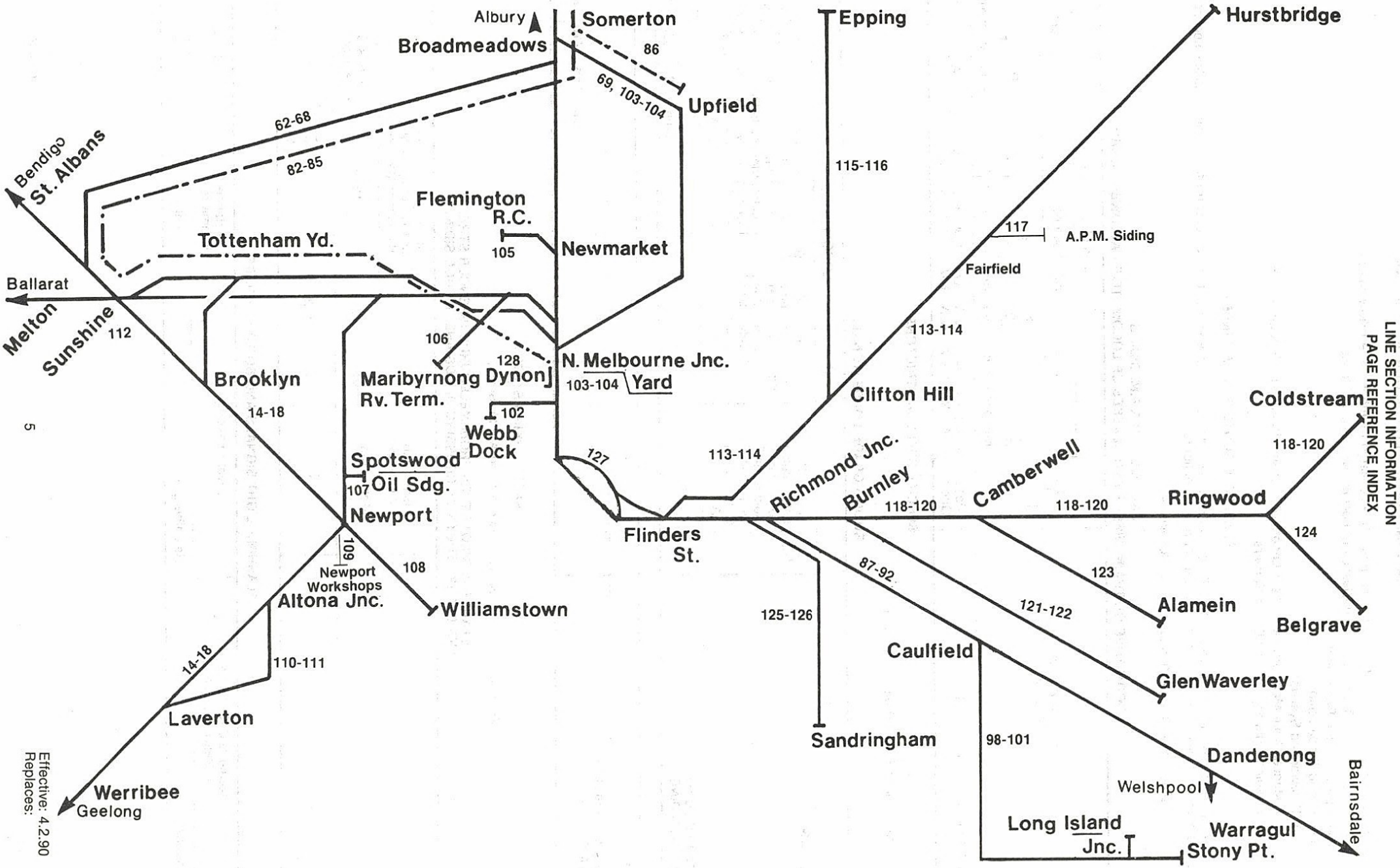
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EXPLANATION OF LINE SECTION INFORMATION

All operating information for a line section has been collated together in the following order:

(i) Locomotive or Train Speed and Classes of Locomotives Allowed to Run.
(ii) Special Speed Restrictions.
(iii) Ruling Grade Loads.
(iv) Safeworking Systems.
(v) Distances from Melbourne and Clear Length of Crossing Roads and Refuge Sidings.
(vi) Flashing Light Signals and Boom Barriers.

SCHEMATIC ROUTE DIAGRAM INDEX

A Schematic Route Diagram Index Map (Pages 4-5) is provided to give easy reference to Line Section information. Each line section has page numbers which correspond with the respective line sections.

An example of a Line Section is shown as follows:—

FAIRFIELD TO A.P.M. SIDING
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL km/h	C km/h	N km/h	S X 700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
Fairfield and A.P.M. Siding	Pass.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	§§ 15h	§§ 15	N/A	§§	§§
	Goods	N/A	N/A	N/A	N/A	N/A	N/A	N/A					

SPECIAL SPEED RESTRICTONS

No Special Speed Restrictions apply.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
FAIRFIELD to: A.P.M. SIDING	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	**610h**	**610h**	**355**	**355**
UP														
A.P.M. SIDING to: FAIRFIELD	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	**1525h**	**1525h**	**710**	**710**

SAFEWORKING SYSTEM

Siding Conditions Working is in force between Fairfield and A.P.M. Siding.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilomteres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Fairfield	9.154	. .	. .	. .	. .	Goods Sdg.—216
A.P.M. Siding	9.983	123	123	. .	. .	Pulp—123, Ety—270, Coal—270

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Fairfield	Heidelberg Road	9.983	Bell

Effective: 4.2.90
Replaces:

EXPLANATION OF LETTERS AND SYMBOLS

A — Passenger trains or Rail Motors are only permitted to operate in emergency circumstances only. One train at a time only is permitted in the West Footscray Junction — Tottenham 'B' Box — Sunshine sections.

E — 'Y' class locomotives are not to be utilised to haul train services unless accommodated in the Master Locomotive Roster without approval of either the Locomotive Fleet Engineer or Fuel Point Foreman, and then only when exceptional circumstances apply.

f — When passing over bridge at 186.770km (between Traralgon and Sale) the speed of 'P' class locomotives hauling Passenger and Goods trains is not to exceed 65km/h.

g — Applies to 'X' and '930' class locomotives only.

h — Applies to 'T' class locomotives only.

H — Applies to 'S' and 'X' class locomotives only.

k — Applies to 'X' class locomotives only.

n — Applies to '930' class locomotives only.

N/A — Class of locomotive not allowed on line indicated.

t — The speed of all Electric Multiple Unit trains negotiating any curve where a curve board is provided, must be 5km/h less than the speed shown on the board.

§§ — Any passenger train or Rail Motor to run must be approved by the Group Manager, Infrastructure Maintenance.

31/03 '93 23:34 ☎4365

PUBLIC TRANSPORT CORPORATION
VICTORIA

O.0265/93 O.0265/93

DISTRIBUTION
Centrol, Metrol,
All Stations & Depots,
Transport House

Emergency Management & Safeworking Unit
Level 13, Transport House,
Phone 14392,
31st March 1993

MASTER TRAIN PLAN GENERAL INSTRUCTIONS
700 CLASS LOCOMOTIVES

Commencing forthwith, AN 700 class locomotives are permitted to operate wherever "X" class locomotives are permitted to operate.

Amend the Master Train Plan General Instructions by deleting:-

"H - Applies to 'S' and 'X' class locomotives only" from page 7.

Explanation of letters and symbols and all "H" symbols located throughout the General Instructions in the "Locomotive or train speeds and classes of locomotives allowed to run" sections.

Also amend the Explanation of letters and symbols section on page 7 of the General Instructions by replacing "k - Applies to 'X' class locomotives only" with "k - Applies to 'X' and '700' class locomotives only".

A. PALERMO
A/Superintendent Safeworking.

Per:-

OPERATING SPEED OF TRAINS

The maximum operating speed of Trains shall be the maximum speed specified for the line section and type of train in the "Locomotive or Train Speeds, Classes of Locomotives Allowed to Run" tables contained in this document. This shall be reduced by any of the following qualifications:

(i) Maximum vehicle speed — before commencing any journey or at any other location where the consist of the train is altered it is the duty of the Driver and Second Person or Trainee Driver to confer regarding the consist of the train (including locomotives) and to identify the vehicle with the lowest maximum permitted speed.

(ii) The provisions of Regulation 59; Signals

(iii) Special Speeds contained in this document

(iv) Temporary Speed Restrictions shown from time to time in the Weekly Notice, other printed or written instructions, or displayed beside the track.

(v) Goods trains conveying wagon loads of grain, steel, quarry products or bulk cement must not exceed 80 km/h. The Trainee Driver or Second Person shall be responsible for informing the Driver before the train starts from its place of origin, or other place where the load is altered the Maximum Speed allowed due to the classes of vehicles included in the train. The Driver, Second Person or Trainee Driver, if relieved, must pass this information to their relief.

IT MUST BE CLEARLY UNDERSTOOD THAT THE ONLY GOODS TRAINS ALLOWED TO OPERATE AT SUPERFREIGHTER SPEEDS ARE THOSE SPECIFICALLY DESIGNATED AS SUPERFREIGHTER TRAINS IN THE MASTER TRAIN PLAN TIMETABLE OR SPECIAL CIRCULARS.

The 'Schedule Speed' heading at the top of the Train Schedule columns is a guide only, intended to give operating staff an understanding of the speed required in order to maintain the nominated schedule. It is in no way to be interpreted as an indication of the Maximum Authorised Speed of any train.

For example; No. 9669 Brisbane Superfreighter is designated as a "Superfreighter" and therefore it is authorised to operate at Superfreighter speed provided that it complies with all other speed constraints detailed above (e.g. all wagons authorised at the appropriate speed). This is irrespective of the nominated "Schedule Speed" shown at the top of the timetable. If for some reason the train's Maximum Authorised Speed is less than the "Schedule Speed" then the train may lose time over some track sections.

MAXIMUM SPEED OF GOODS TRAINS EXCEEDING FIFTY (50) BOGIE VEHICLES ON DAYS WHEN THE FORECAST TEMPERATURE EXCEEDS 37° C.

The maximum speed of all Goods Trains exceeding Fifty (50) bogie vehicles (Grain trains excepted) is not to exceed 70 km/h when the forecast temperature is above 37°C.

Speed on curves indicating a speed of 80 km/h or less must be reduced by 10 km/h.

The restrictions will apply between 11 00 and 20 00 only.

MAXIMUM TRAIN LENGTHS — VEHICLE LIMITATIONS

Without special authority from the Group Manager, Train Operations no train may exceed the following lengths viz:

	Maximum Length Expressed in Number of Vehicles
Goods Trains (with or without carriages attached).	50 bogie vehicles.
Subject to the following qualifications:	
(a) Goods Train Nos. 9169, 9170 operating between Dynon and Wolseley via Cressy or Meredith only. Note: When scheduled via Cressy via Meredith via Ballan Empties and vehicles loaded below 28 tonne gross to be marshalled in the rear 2600 tonne portion of train.	65 bogie vehicles Maximum 4500 tonnes 3000 tonnes 50 bogie vehicles
(b) Goods trains conveying bogie grain hoppers and operating to or from Portland. Note:—Non grain bogie wagons may also be included in the consist without reduction of vehicle limitation.	55 bogie vehicles
(c) In the case of a train containing four-wheel vehicles	75 four-wheel vehicle equivalents
(d) Trains comprised wholly of empty passenger carriages	30 passenger vehicles.

TRAILING OF VEHICLES BEHIND PASSENGER TRAINS

Subject to the observance of the instructions on page 137 of the General Appendix, up to three bogie vehicles may be trailed behind any Country Passenger train with the exception of the Up "Overland" (No. 8120) between Wolseley and Melbourne which may trail up to five bogie vehicles.

PASSENGER VEHICLES NOT TO BE ATTACHED TO GOODS TRAINS
GOODS VEHICLES NOT TO BE ATTACHED TO PASSENGER TRAINS

Passenger or Goods vehicles are not to be attached to Passenger or Goods Trains respectively unless authorised by the Group Manager, Train Operations or Superintendent Safeworking.

MAXIMUM SPEED OF RAIL MOTORS

Rail Motor trains are to operate at the maximum speed laid down for Passenger trains, subject to the maximum speed allowed for the Rail Motor not being exceeded.

MAXIMUM LOADS OF PASSENGER TRAINS

(i) The maximum load of any Passenger train, except "The Overland", consisting of all automatic coupled vehicles is 915 tonnes.

(ii) In respect to "The Overland" the maximum load consisting of all automatically coupled vehicles will be 19 vehicles, including a VMAP, VMBP or AMBP Motorail vehicle or 'D' van. The total mass may be in excess of 915 tonnes.

Effective: 4.2.90
Replaces:

SPECIAL SPEEDS

G 55

Goods Trains
At specified locations (refer to Special Speed Restriction pages of each line section for locations) a speed board (see diagram) is placed on the left hand side of the line at a suitable distance before reaching the next fixed signal indicating that speed must be promptly reduced to not more than the figure in kilometres per hour shown on the board until sighting the next fixed signal. The train will then proceed according to the aspects displayed on the fixed signal.

F 70

Instruction modified.— Drivers of Goods trains are to obey the speed specified by the letter F. In the event of there not being a speed indicated by the letter 'F' the speed indicated by the letter 'G' is to be obeyed.

P 70

Passenger Trains
At specified locations (refer to Special Speed Restriction pages of each line section for locations) a speed board (see diagram) is placed on the left hand side of the line at a suitable distance before reaching the next fixed signal indicating that speed must be promptly reduced to not more than the figure in kilometres per hour shown on the board until sighting the next fixed signal. The train will then proceed according to the aspect displayed on the fixed signal.

VARIOUS VEHICLES, TRAINS, LIGHT LOCOMOTIVES AND DIESEL FORDSON RAIL TRACTORS

Description	Maximum Speed Km/h
BALLAST WAGONS (VZWA)	
When loaded or partly loaded. (Permission must be obtained from the Train Controller before loaded VZWA wagons are conveyed by any train)	45
CARRIAGES, WOODEN BODIED	
All trains conveying wooden bodied carriages unless otherwise authorised	80
Exceptions:—	
(a) Wooden Bodied Air-Conditioned Carriages equipped with roller bearing bogies. (i.e. AE51, 52, BE4, 19, 31, 34, 50, BG1, Sleeping Cars 1-4.	
(b) "Wimmera", "Goulburn" and State Car No.4 Carriage.	
(c) Trains on which the only wooden bodied vehicle is a brakevan not carrying passengers.	
(d) Sleeping Carriages 5 to 10; "Carey" and "Melville". When empty of all passengers and staff.	
FIXED WHEEL BASE VEHICLES (Subject to Special Speed Restrictions indicated on line Section).	65
LIGHT LOCOMOTIVES	
'A', 'B', 'C' (short end leading), G, H, N, P, 'S' (No.1 End leading), T, X classes except Nos.45 to 54 (long-end leading)	100
'Y' Class	65
'C' class long-end leading, 'S' class hostler's end leading, 'X' class Nos. 45 to 54 inclusive (long end leading)	50
81 or 422 classes	100
BL, 700 class, 930 class (No.1 end leading) and 930 class Nos. 936-966 (No.2 end leading)	100
D3, J, K and R classes (Funnel First)	80
D3, J, K and R classes (Tender First)	50
LOCOMOTIVES WHEN RUNNING IN ANY LOCOMOTIVE DEPOT WITHIN THE T.R. POINT	15
PETROLEUM TANK WAGONS (EMPTY) WITH X, Y or Z as the last letter of their classification	80
PETROLEUM TANK WAGONS (WHEN LOADED) (Subject to vehicle classification)	65/80
PUSHING TRAINS	
On Running Lines	15
When passing around any curve of less than 180m radius	10
Empty trains when Second Person, Trainee Driver, Shunter or other employee leaves the leading vehicle to attend to the points	5
TRACTORS, RAIL (FORDSON DIESEL)	
Refer page 141 for special instructions for hauling of Rail Tractors as part of a Goods Train	65
WEIGHBRIDGE, Vehicle	
(i) Vehicles over scales	5
(ii) Locomotives or Vehicles over Weighbridge Relief Rails	10

Effective: 4.2.90
Replaces:

SPECIAL SPEEDS *(Continued)*
At Various Places — ALL TRAINS

Description	Maximum Speed Km/h
ON SINGLE LINES	
When entering a crossing station at which the train has to stop	25
STAFF STATIONS	
When staffs are exchanged by means of Staff Automatic Exchange apparatus	115
When exchanging miniature staff, by hand	
(a) When cane carrier is used	30††
(b) When staff automatic exchange carrier is used	25††
When exchanging staff (ordinary type) or delivering ticket	25††
Rail Motor Trains when driver is delivering or receiving a staff or delivering a ticket. (See also General Appendix)	10
C class, X class (Nos. X45 — 54) Long End Leading and S class Diesel Electric Locomotives hostlers end leading	See Note †††
CROSSING STATIONS	
When backing a train over level crossing not provided with gates	10
EXAMINING STATIONS	
When entering stations. See also General Appendix	15
PERMANENT-WAY REPAIRERS' SIGNALS	
In clear weather, when a green hand signal is waved slowly from side to side. See Regulations 98, 179, 265, 274, and also the General Appendix	25
SINGLE LINE WORKING	
Over points which become facing points when the traffic of a double line is being worked over a single line	15

††—When an engineman is receiving a staff from or delivering a staff to a signalman standing on ground level, the speed of the train must not exceed 10 km/h. When an engineman is exchanging a staff with a signalman standing on ground level, the train must be brought to a stand in order that the exchange may be effected safely.

†††—When an engineman on a C class, X class (Nos. X45 — 54) Long End Leading and S class diesel locomotive running hostler's end leading is receiving a staff from, or delivering a staff to or exchanging a staff with a signalman either on platform level or ground level the locomotive must be brought to a stand in order that the operation may be safely effected.

DIESEL FORDSON RAIL TRACTORS

The following loads can be hauled by Diesel Fordson Rail Tractors.

Grade	RT Nos. 3-39 Tonnes	RT Nos. 40, 42, 43, 45-53 Tonnes	Maximum Speed km/h
Level	190	210	30
1 in 40	42	48	30
50	51	58	30
75	70	79	30
100	83	95	30
150	103	117	30
200	117	132	30

GREASE PACKED BEARING

Any vehicle with a grease packed bearing due to Hot Axle Box, must be dealt with in accordance with the instructions contained in the General Appendix pages 135 and 136. In addition the following applies:—

All tank wagons with grease packed bearings will be restricted to a maximum speed of 30km/h.

All fixed wheel vehicles with grease packed bearings will be allowed to run at a normal maximum speed of 65km/h.

Other than tank wagons, all ride control plain bearing bogie vehicles with a grease packed bearing will be restricted to a maximum speed of 65km/h.

Effective: 4.2.90
Replaces:

DOUBLE HEADED LOADS

The load which may be hauled by two Locomotives is the combined load of the Locomotives employed subject to the maximum load and vehicle limit shown

Exceptions:

(i) When an Australian National '930' Class Locomotive operates in multiple with a V/Line 'X' Class the ruling grade load will be DOUBLE that for the '930' Class Locomotive.

(ii) When a S.R.A. '81' Class Locomotive is operating in multiple with any Locomotive other than a '81' or 'G' Class, the load for the '81' Class is to be that specified for a '422' Class.

(iii) When a S.R.A. '422' Class Locomotive is operating in multiple with a Super-Series equipped Locomotive (i.e. 'G' or '81' Class), the load for the 'G' or '81' Class is to be that specified for a '422' Class.

MULTIPLE UNIT LOADS

The Master Train Plan Load Tables now include loads for some locomotive classes in multiple unit. The Classes which have loads for both single and multiple unit working are the C, A, H, P, T and Y classes. The G, N, X, S and B classes retain one load for both single and multiple unit working.

Multiple unit compensation is necessary because of the different characteristics of each class of locomotive. Each class has a rated speed at which it develops its maximum tractive effort. These speeds differ but basically they can be put into three groups. These are with their rated speed in brackets:

Group 1:—	C (24.5 km/h)	**Group 2:—**	G (19.5 km/h)	**Group 3:—**	H (14.0 km/h)
	A (23.5 km/h)		N (19.5 km/h)		P (14.5 km/h)
			X (20.0 km/h)		T (13.0 km/h)
			S (19.5 km/h)		Y (15.0 km/h)
			B (18.0 km/h)		

For Example, when a C class and a T class are coupled in multiple unit, there is a difference of 11.5 km/h in their rated speeds. Obviously, a T class cannot develop the same tractive effort at the minimum speed of the C class (24.5 km/h) as it can at 13 km/h, and thereore if their solo loads were added together, the C class would have to provide the extra tractive effort necessary and would become over-loaded. The multiple unit loads take this into account and reduce their combined load so that overloading does not occur.

To use the new load tables, only one extra decision has to be made for C, A, H, P, T and Y class locomotives. Is the locomotive in a multiple unit consist which includes a locomotive or locomotives from another group, or not? The two columns are then applied thus:

eg.

C solo or multi with C or A	**C multi with other classes**	**T or P solo or multi with H, P, T or Y**	**T or P multi with other classes**
Use when a C class is solo or in a multiple unit consist which includes only C and A class	Use when the multiple unit consist includes **any** locomotive which is **not** a C or A class	Use when a T or P class is solo or when in a multiple unit consist of H, P, T or Y class **only**	Use when a T or P class is in a Multiple unit consist which is **not** H, P, T or Y class

Examples:	**Locomotive(s)**	**Loads to use**
	T	T (solo)
	T + Y	T (solo) + Y (solo)
	C + T	C (mu) + T (mu)
	C + A + T	C (mu) + A (mu) + T (mu)
	N + T + H	N + T (mu) + H (mu)
	N + X	N + X
	C + G	C (mu) + G
	S + B + T	S + B + T (mu)

NOTE: In a number of sections it will be found that the solo load and the multiple unit load are the same. This is because that sectional loads have not yet been revised.

RULING GRADE LOADS INDICATED IN BOLD TYPE.

The loads indicated in "Bold" type for each table are the Maximum Through Ruling Grade Load permitted to be hauled by the respective classes of locomotives over the line route shown. Other loads shown are the sectional loads.

RULING GRADE LOADS INDICATED AS ". ." TYPE

Where no load tonnage is shown and only two (2) dots are indicated, the next load shown beneath the dots is to be to applied for the section concerned.

Example:

TOTTENHAM YARD to:	
Newport	3200
Werribee	. .
Nth Geelong 'C' Box	**2790**

Therefore the load between Newport and North Geelong 'C' Box is 2790.

Effective: 4.2.90
Replaces:

OVERLOADING OF GOODS TRAINS

The schedule loads laid down for goods trains on both broad and standard gauge lines may be exceeded by the following authorised overloads:

When hauled by A, B, BL, C, G, N, S, X, 81, 422, 700 or 930 class locomotives	25 tonnes
When hauled by H, P, T or Y class locomotives	15 tonnes

A train being hauled by locomotives working in multiple is authorised to have an overload not exceeding that allowed to the least powerful locomotive in the consist.

EXAMPLES

A—Train hauled by T and X class locomotives in multiple-permitted overload	15 tonnes
B—Train hauled by B, S and Y class locomotives in multiple-permitted overload	15 tonnes
C—Train hauled by B and X class locomotives in multiple-permitted overload	25 tonnes
D—Train hauled by 81 and 422 class locomotives in multiple-permitted overload	25 tonnes

Where a train is hauled by two or more locomotives of the same class the authorised overload will be the sum of the overload for each locomotive.

EXAMPLES

A—Train hauled by A and A class locomotives in multiple-permitted overload	50 tonnes
B—Train hauled by T and T class locomotives in multiple-permitted overload	30 tonnes
C—Train hauled by Y, Y and Y class locomotives in multiple-permitted overload	45 tonnes

FAILURE OF SUPER-SERIES EQUIPMENT ON 'G', 'BL' OR '81' CLASS LOCOMOTIVES

When the "Super- Series" wheel-slip control system on 'G' 'BL' or '81' Class Locomotives is not fully operational (indicated to the Driver by a red "Super-Series Failure" light on the AN module) the maximum trailing load is to be reduced to that of a 'C' Class Locomotive (or next highest load published)

GRAIN TRAIN LOADS

Where separate loads are provided for Grain Trains, these only apply to the Locomotive or Locomotive combination specified in that column, For other multiple-unit consists on Grain Trains, use the normal goods train loads.

MOMENTUM GRADES

It must be remembered that the speeds specified as being necessary to ascend certain grades are subject to any special speed restrictions for the time being in force, and if the prescribed speed cannot be attained because of some restriction, the load must not exceed that which the locomotive could haul over the grade without the aid of momentum.

FUEL CONSERVATION

LOCOMOTIVE OPERATION TO ACHIEVE BETTER FUEL USE RESULTS

It will be the duty of the Driver to operate the locomotive/s at its/their most fuel efficient rate and to run the train consistent with maintaining the schedule as laid down, or, on some trains, br regualting the speed as may be decided on in liaison between the Driver and the Train Controller.

Effective: 4.2.90
Replaces:

PUSHING TRAINS ON RUNNING LINES

Subject to the conditions laid down in Regulation 201 and supplementary instructions contained in the General Appendix permission is given for trains to be pushed on Running Lines at the following places:

Places	Additional Remarks
Moonee Ponds Creek Junction to Spencer Street	During clear daylight
Spencer Street to Dynon	Empty carriage train
Somerton to Ford's Siding	Number of vehicles not to exceed 12 (6 bogie vehicles)
Ford's Siding to North Geelong 'A'	Number of vehicles not to exceed 30 (15 bogie vehicles)
North Geelong 'A' to Phosphate Siding	Number of vehicles not to exceed 30 (15 bogie vehicles)
North Geelong 'B' to North Geelong 'A'	Number of vehicles not to exceed 30 (15 bogie vehicles)
North Geelong 'B' and Sims Consolidated Siding	Number of vehicles not to exceed 25 (12 bogie vehicles)
North Geelong 'C' and Fyansford	Number of vehicles not to exceed 30 (15 bogie vehicles)
Ballarat to North Ballarat Workshops	Number of vehicles not to exceed 30 (15 bogie vehicles).
Ballarat Cattle Yard to Freezing Works Siding	Number of vehicles not to exceed 6 (3 bogie vehicles)
Mildura to Sarnia Packing Siding	Number of vehicles not to exceed 10 (5 bogie vehicles) during clear daylight
Mildura to Shell/Mobil Oil Siding	Number of vehicles not to exceed 8 (4 bogie vehicles) during clear daylight
Shepparton and Oil Siding 'Up' Side of Shepparton	—
Kyabram to A.R. Scoones Siding	Number of vehicles not to exceed 10 (5 bogie vehicles)
Traralgon to Traralgon Cattle Yards	Number of vehicles not to exceed 14 (7 bogie vehicles)
Barry Beach Junction and Barry Beach	Number of vehicles not to exceed 6 (3 bogie vehicles)
Western Metropolitan Market Co. Siding to Brooklyn	Any goods train
B.P. Siding (Paisley) to Cabot (Australasia) Pty. Ltd. Siding (formerly Australian Carbon Black Siding)	Number of vehicles not to exceed 10 (5 bogie vehicles)
Spotswood and Oil Line	During clear daylight

Effective: 4.2.90
Replaces:

MELBOURNE TO WARRNAMBOOL
(Via YARRAVILLE and BROOKLYN)
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive												
		Diesel — Electric Locomotives									Elec. Mult. Unit Train	Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)		R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Spencer Street and North Melbourne Junction (All Pass Lines)	Pass.	50	50	50	50	50	50	50	50	50	65t	50	50	50
	Goods	25	25	25	25	25	25	25	25	25	. .	. .	. .	. .
Franklin Street when diverging from a straight track	Pass.	30	30	30	30	30	30	30	30	30	30t	30	30	30
	Goods	25	25	25	25	25	25	25	25	25	. .	. .	. .	. .
North Melbourne Junction and Newport	Pass.	65	65	65	65	65	65	65	65	65	80t	65	65	65
	Goods	50	50	50	50	50	50	50	50	50	. .	. .	. .	. .
Entering Newport Goods Yard	All Trains	10	10	10	10	10	10	10	10	10	. .	10	10	10
South Kensington and South Dynon Junction (via Goods Lines)	Pass.	40A	40A	40A	40A	40A	40A	40A	40A	40A	. .	40A	40A	40A
	Goods	40	40	40	40	40	40	40	40	40	. .	. .	. .	. .
South Dynon Jct. and West Footscray Jct. (via Goods Lines)	Pass.	65A	65A	65A	65A	65A	65A	65A	65A	65A	. .	65A	65A	65A
	Goods	65	65	65	65	65	65	65	65	65	. .	. .	. .	. .
Over Fixed Points at West Footscray Jct. Until the whole Train Has Cleared the Points	All Trains	15	15	15	15	15	15	15	15	15	. .	15	15	15
West Footscray Junction and Tottenham Yard (Via Goods Lines)	Pass.	30A	30A	30A	30A	30A	30A	30A	30A	30A	. .	30A	30A	30A
	Goods	15	15	15	15	15	15	15	15	15	. .	. .	. .	. .
Tottenham Yard and Brooklyn	Pass.	50	40	50	50	50	50	50	50	50	. .	50	50	50
	Goods	50	40	50	50	50	50	50	50	50	. .	. .	. .	. .
Brooklyn and Newport	Pass.	60	40	60	60	60	60	60	60	60	. .	60	60	60
	Goods	50	40	50	50	50	50	50	50	50	. .	. .	. .	. .
Newport and Newport South (Champion Rd. P.C.R.)	Pass.	80	80	80	80	80	80	80	80	80	80t	80	80	80
	Goods	50	50	50	50	50	50	50	50	50	. .	. .	. .	. .
*Via Goods Line	All Trains	15	15	15	15	15	15	15	15	15	. .	15	15	15
*Via E. Siding	All Trains	10	10	10	10	10	10	10	10	10	. .	10	10	10
*Up trains diverging from West line to Double line	All Trains	65	65	65	65	65	65	65	65	65	65t	65	65	65
Newport South (Champion Rd. P.C.R.) and Altona Junction	Pass.	80	80	115	115	115	115	100	100	65	80t	100	80	95
	Goods	80	80	80	80	80	80	80	80	65	. .	. .	. .	. .
Altona Junction and Werribee (Via Main Line)	Pass.	80	80	115	115	115	115	100	100	65	115t	95	80	95
	Goods	80	80	80	80	80	80	80	80	65	. .	. .	. .	. .
Werribee and North Geelong	Pass.	80	80	115	115	115	115	100	100	65	. .	100	80	95
	Goods	80	80	80	80	80	80	80	80	65	. .	. .	. .	. .
North Geelong Yard Entering Sidings 'A'	All Trains	10	10	10	10	10	10	10	10	10	. .	10	10	10
Sidings 'A' when proceeding towards 'A' Box or 'B' Box	All Trains	10	10	10	10	10	10	10	10	10	. .	10	10	10
Over Harbour Trust Low Level Sidings	All Trains	N/A	N/A	10	10	10	10	10	10	10	. .	N/A	10	10
North Geelong and Geelong	Pass.	80	80	115	115	115	115	100	100	65	. .	100	80	95
	Goods	80	80	80	80	80	80	80	80	65	. .	. .	. .	. .
Geelong and South Geelong	Pass.	65	N/A	95	95	95	95	95	95	65	. .	95	80	95
	Goods	65	N/A	70	70	70	70	70	70	65	. .	. .	. .	. .
South Geelong and Waurn Ponds	Pass.	65	N/A	115	115H	115	115	100	100	65	. .	100	80	95
	Goods	65	N/A	70	70H	70	70	70	70	65	. .	. .	. .	. .
Waurn Ponds and Warrnambool	Pass.	N/A	N/A	115	115H	115	115	100	100	65	. .	100	80	95
	Goods	N/A	N/A	70	70H	70	70	70	70	65	. .	. .	. .	. .
Dennington Siding	Pass.	N/A	N/A	§§	§§	§§	§§	§§	§§	§§	. .	§§	§§	§§
	Goods	N/A	N/A	25	25H	25	25	25	25	25	. .	. .	. .	. .

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

SPECIAL SPEED RESTRICTIONS

1. When passing over Moorabool Street bridge at 74.08 km between Geelong and South Geelong trains hauled by 'G' or 'BL' class locomotives must not exceed 15 km/h. Special Speed boards are provided.

The speed of all trains when passing over Facing Points worked from an interlocking frame or otherwise securely fastened, or over track points shall be as shown hereunder:

	Maximum Speed	
	When running to or from lines diverging from the straight track Km/h	When running on the straight track Km/h
Over facing points held by hand	25	25
Between Newport South Junction and Warrnambool	40*	115

*—Certain locations between Newport and Geelong the maximum speed is 65 km/h.

At the under-mentioned locations, boards are provided indicating the MAXIMUM SPEED for Passenger Trains (P), and Goods Trains (G).

Kilometre Distance		Speed Indication
Down Journey		
111.50	Approaching Winchelsea	G 65
151.00	Approaching Colac	G 40
196.340	Approaching Camperdown	P 105
218.468	Approaching Terang	P 80 — G 55
264.737	Approaching Warrnambool	P 65 — G 50
Up Journey		
227.894	Approaching Terang	P 105
220.510 & 219.910	Approaching Terang	P 65 — G 65

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
MELBOURNE YARD to:														
Sth. Kensington (Via Pass. Lines)														
Newport (Via Pass. Lines)	**2790**	2600	2600	2135	2135	1830	1830	1830	1420	1420	1420	1420	915	915
MELBOURNE YARD to:														
Sth. Kensington (Via Goods Lines)		2600	2600	2135	2135	1830	1830	1830					915	915
Tottenham Yard	**2790**	**2530**	**2530**	1830	1830	1625	1625	1625	1220	1220	1220	1220	760	760
Newport (Via Goods Lines)	3200	3200	3200						2135	2135	2135	2135	1220	1220
Werribee									1320	1320	1320	1320		
Nth. Geelong	**2790**	2600	2600	2135	2135	1830	1830	1830	1625	1625	1625	1625	745	745
Geelong				2135	2135	2135	2135	2135	1625	1625	1625	1625	1110	1110
South Geelong				**915**	**915**	**760**	**760**	**760**	**510**	**510**	**510**	**510**	**355**	**355**
,, ,, (See Footnote d below)				1320	1320	1220	1220	1220					425	425
Waurn Ponds														
Winchelsea				1320	1320	1220	1220	1220					610	610
Birregurra									815	815	815	815	640	640
Colac									1015	1015	1015	1015	720	720
Camperdown									815	815	815	815	710	710
Terang													915	915
WARRNAMBOOL				1525	1525	1420	1420	1420	1015	1015	1015	1015	770	770
Dennington Siding				1320	1320	1015	1015	1015	815	815	815	815	720	720

(d) — Load for trains departing from Signal Post No. 96 — Geelong 'A' Box.

UP														
Dennington Siding to:														
WARRNAMBOOL				1320	1320	1220	1220	1220	915	915	915	915	915	915
Terang				**915**	**915**	**760**	**760**	**760**	**510**	**510**	**510**	**510**	**480**	**480**
Boorcan				1420	1420	1220	1220	1220	815	815	815	815	580	580
Camperdown													915	915
Colac				1830	1830				1015	1015	1015	1015	770	770
Waurn Ponds				1625	1625	1420	1420	1420	965	965	965	965	510	510
South Geelong													1015	1015
Geelong				1830	1830				1220	1220	1220	1220	915	915
NORTH GEELONG YARD				2135	2135	1830	1830	1830	1420	1420	1420	1420	1015	1015
Newport (Via Goods Lines)		2700	2700	2135	2135								1015	1015
Brooklyn									1420	1420	1420	1420	1270	1270
Tottenham Yard		**2500**	**2500**	1830	1830	1830	1830	1830	1220	1220	1220	1220	1015	1015
Sth. Kensington (Via Goods Lines)						2135	2135	2135	1625	1625	1625	1625	1220	1220
MELBOURNE YARD	**3170**	3200	3200	2135	2135	2135	2135	2135	1625	1625	1625	1625	1220	1220
Newport (Via Pass. Lines)														
Sth. Kensington (Via Pass. Lines)						1830	1830	1830	1320	1320	1320	1320	1015	1015
MELBOURNE YARD	3700	3200	3200	2135	2135	2135	2135	2135	1625	1625	1625	1625	1220	1220

See Page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

SAFEWORKING SYSTEMS

Spencer Street — Altona Junction
Passenger Lines

Three-position Signalling is in force on the down and up lines between No. 1 Box Spencer Street and Altona Junction.

Goods Lines

Three-position Signalling is in force on the down and up lines between Melbourne Yard (Viaduct Junction) — South Kensington — West Footscray Junction.

Traffic between West Footscray Junction and Tottenham 'B' Box is operated under the special instructions contained in the General Appendix.

Electric Staff Working is in force between Tottenham 'B' Box — Brooklyn and Brooklyn — Newport 'A' Box (both East and West Lines).

Altona Junction — Warrnambool (Dennington)

The sections between Altona Junction and North Geelong 'A' Box are worked under the Automatic and Track Control System. There are two tracks known as East and West Lines which are signalled for two way running. Operating panels are located at Newport 'A' Box, Werribee, Lara, Corio and North Geelong 'A' Box. Provision exists for Lara and Corio to be switched out. When Lara and Corio are switched out down trains are restricted to the East line from Werribee to North Geelong 'A' Box and up trains are restricted to the West line from North Geelong 'A' Box to Werribee.

Laverton is remotely controlled from a Signal Control Panel in Newport 'A' Box. Laverton may be switched in for local operation in emergencies.

Little River may be switched in as arranged by the Train Controller, Centrol.

Little River is remotely controlled from a Signal Control Panel located at Werribee.

Track Block System is in force on the down and up lines between North Geelong 'A' Box and Geelong 'A' Box.

Three-position Signalling is in force between Geelong 'A' Box and South Geelong.

Train Order Working is in force between South Geelong — Waurn Ponds, Waurn Ponds — Winchelsea, Winchelsea — Colac, Colac — Camperdown, Camperdown — Terang and Terang — Warrnambool.

Siding Condition Working is in force between Warrnambool and Dennington.

Limited Block Hours occur at the following locations:—

Tottenham 'B' Box and Brooklyn

Manned from 05 00 Monday until 15 00 Saturday.

Lara

Monday to Friday — From 05 10 until 21 30 each day
Saturday — From 05 10 until 12 10
Sunday — Closed

Corio

Monday — From 05 00 until 24 00
Tuesday to Friday — Always
Saturday — From 00 01 until 12 10
Sunday — Closed

North Geelong 'B' Box

Monday to Friday — Always
Saturday — From 00 01 until 13 00
Sunday — From 23 30 until 24 00

The Train Controller, Centrol may arrange for variations to the above Block Hours as required.

SPECIAL NOTES

North Shore

Provision of Vehicle Boards for Phosphate and Apex Sidings.

Special boards of a triangular shape, painted white with black lettering, are erected on the left hand (down) side of the East line between the siding connection and North Geelong to indicate to drivers of down trains which are to be shunted to the sidings, the point at which they must bring the Locomotive to a stand so that the rear vehicle of the train will be standing on the 18 metres releasing rail at the siding connection switch locked points.

The boards are lettered 75 vehicles, 65 vehicles and 55 vehicles respectively. (Vehicle indications shown are four-wheel vehicle equivalents)

North Geelong

Vehicle Boards on Down Line at North Geelong.

Special boards of triangular shape with black lettering on white background are erected on the left side of the down line beyond the crossover points (near Margaret Street Overpass) at the down end of North Geelong platform.

Subject to the necessary fixed signals being at the proceed position, Drivers of arrival trains (from Newport or Gheringhap lines) that are required to set back into North Geelong Yard, must draw forward to the appropriate board before bringing the train to a stand.

The boards are lettered 55 vehicles and 75 vehicles respectively (Vehicle indications shown are four-wheel vehicle equivalents).

Colac

Provision of Vehicle Boards.

Special boards of triangular shape with black lettering on white background are erected on the right hand side of the main line at the down end of Colac.

The boards are lettered 30 vehicles, 40 vehicles and 50 vehicles respectively (Vehicle indications shown are four-wheel vehicle equivalents.)

MELBOURNE TO WARRNAMBOOL (Cont'd)
(via YARRAVILLE AND BROOKLYN)
DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Spencer Street	—	..	..	..	..	
North Melbourne	2	..	..	..	..	
South Kensington	3	..	..	..	..	
Maribyrnong River Junction	4	..	..	..	..	
Footscray	5.623	..	..	..	..	
Seddon	6.618	..	..	..	..	
Yarraville	7.542	..	..	..	..	
Spotswood	9.220	..	..	..	..	
Newport	10.555	..	..	..	..	
Tottenham Yard	9	..	..	1231	..	No. 6-1207, No. 7-1132, No. 8-1107
Brooklyn (See Note)	12 15	..	..	..	..	No. 1-525
Newport (See Note)	20*	..	..	..	..	E Sdg.-543, Goods Line-543, Holding Loop-203
Altona Junction	13	..	..	..	..	
Mobil Oil Co. Siding	13	..	..	..	..	
Petroleum Refineries Siding	14	..	..	..	..	
Cabot Australasia Pty. Ltd. Sdg. (Formerly Australian Carbon Black Sdg.)	15	..	..	..	..	
B.P. Siding (Paisley)	15.680	..	..	..	..	
Laverton	21.005	706	704	572	151	Siding A-109 Siding B-126 Holding Loop-160
Aircraft	22.226	..	..	..	..	
Hoppers Crossing	27.660	..	..	..	..	
Werribee	31.697	257	257	154	..	
Werribee Racecourse Platform	33.720	..	..	..	..	
Little River	47.561	..	..	..	..	
Lara	57.504	719	658	..	..	No. 1 Sdg.-906
Elder's I.X.L. Siding	61.190	..	..	..	..	
Corio	63.944	..	..	..	..	
Shell Co. Siding	64	..	..	..	..	
North Shore	67.172	..	..	..	..	
Ford's Siding	67	..	..	..	..	
Phosphate Co. Siding	67	..	..	..	..	
North Geelong	69.981	..	..	..	..	
Corio Quay Siding	72	..	..	..	..	
Geelong	72.567	..	..	..	..	
South Geelong	74.412	179	179	..	..	Siding A-167 Siding B-305 Gds. Sdg. (2)-244
Geelong Racecourse Platform	76.869	..	..	..	..	
Waurn Ponds	88.271	..	..	..	..	
Winchelsea	113.740	365	365	205	..	
Birregurra	134.287	..	..	..	..	
Colac	153.395	518	341	..	..	No. 2 Extn. Up-189 Dn-229
Camperdown	198.497	343	299	..	..	
Boorcan	211.035	..	..	..	..	
Terang	220.785	471	366	..	..	No. 2 Extn. Dn-233
Warrnambool	267.301	802	604	509	..	
(Cattle Siding)	269	..	..	..	..	
(Dennington)	272.002	..	..	..	..	

*—Via Tottenham Yard.

NOTE: The following Sidings are located within Station limits at Brooklyn:—
Sadleirs Transport
Simsmetal (Aust.) Pty. Ltd.
Highfield Quarry Siding
Public Transport Corporation Rubbish Tip
Wash Dock Sidings

NOTE: The following Sidings are located within Station limits at Newport:—
Defiance Milling Co. Pty. Ltd. (Newport-Brooklyn West Line)
Caltex Oil (Australia) Pty. Ltd.
V/Line Supply Branch and Reclamation Depot Sidings. (Newport-Brooklyn East Line)

Effective: 4.2.90
Replaces:

MELBOURNE TO WARRNAMBOOL (Cont'd)
(via YARRAVILLE AND BROOKLYN)
FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Yarraville 7.542	Anderson Street	7.624	IG
Spotswood 9.220	Hudsons Road	9.125	BB
Brooklyn 15.490	Kernot Street T	12.528	BB & PBB
,,	Francis Street T	14.250	FL
,,	Somerville Road T	15.497	BB
Newport 10.555	Champion Road T	11.748	BB
,,	Maddox Street T	12.312	BB
,,	Kororoit Creek Road T	15.837	BB
Laverton 21.005	Maidstone Street T	17.729	BB
Aircraft 22.226	Aviation Road T	22.064	BB & PB
Hoppers Crossing 27.660	Morris Road T	27.784	BB
Werribee 31.697	Cherry Street	31.456	BB
,,	Werribee Street	32.382	BB
Little River 47.561	Edgar Road T	47.375	BB
Lara 57.504	Windermere Road	55.910	BB
,,	McClelland Avenue T	57.697	BB
,,	Canterbury Road T	59.275	BB
Corio 63.944	Grammar School Road T	63.513	BB
,,	St. Georges Road T	65.528	BB
North Shore 67.172	North Shore Road T	67.235	BB
South Geelong 74.412	McKillop Street T	73.445	FL
,, ,,	Kilgour Street T	73.737	FL
,, ,,	Yarra Street T	74.341	BB
,, ,,	Swanston Street T	74.844	FL
,, ,,	Wood Street T	75.703	FL
,, ,,	Barwon Terrace T	76.669	FL
,, ,,	Barwon Heads Road T	78.805	FL
,, ,,	Marshalltown Road T	79.436	FL
,, ,,	Reserve Road T	80.526	FL
,, ,,	Torquay Road T	81.700	FL
,, ,,	Ghazeepore Road T	85.138	FL
,, ,,	Anglesea Road T	86.384	FL
,, ,,	Reservoir Road T	88.678	FL
Winchelsea 113.740	Mount Moriac Road	96.544	FL
,,	Anglesea Road T	107.620	FL
,,	Inverleigh Road T	111.769	FL
,,	Hesse Street T	113.557	FL
,,	Cressy Road T	114.065	FL
,,	Roadknight Road T	134.118	FL
Birregurra 134.287	Princes Highway T	139.906	FL
Colac 153.395	Warrowrie Road T	146.519	FL
,,	Cressy Road	148.170	FL
,,	Church Street	152.102	FL
,,	Queen Street T	152.895	FL
,,	Hart Street T	153.979	FL
,,	Armstrong Street T	154.402	FL
,,	Cant's Road T	155.026	FL
,,	Larpent Road T	161.347	FL
Camperdown 198.497	Cobden Road T	178.262	FL
,,	Koallah Road T	182.686	FL
,,	Cressy Road T	198.115	FL
,,	Church Street T	198.808	FL
,,	Micklejohn Street T	199.323	FL
,,	Darlington Road T	202.893	FL
,,	Littles Lane T	218.998	FL
Terang 220.875	Thompson Street	219.910	FL
,,	Keilambet Road T	222.406	FL
,,	Lang Road T	232.723	FL
Warrnambool 267.301	Princes Highway T	252.832	FL
,,	Cobden-Warrnambool Road	255.150	FL
,,	Tooram Road T	256.568	FL
,,	Jubilee Park Road T	258.691	FL
,,	Inst. of Technology (Sherwood) Entrance T	261.293	FL
,,	Wellington Road T	267.588	FL
,, (Dennington 272.002)	Princes Highway	271.794	FL

BB — Boom Barriers. FL — Flashing Lights. IG — Interlocked Gates. PB — Pedestrian Barriers.

T — Equipped with telephone communication.

Effective: 4.2.90
Replaces:

NORTH GEELONG YARD TO FYANSFORD
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL km/h	C km/h	N km/h	S X 700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
North Geelong Yard and Fyansford	Pass.	N/A	N/A	§§	§§	§§	§§	§§	§§	§§	N/A	§§	§§
	Goods	N/A	N/A	25	25H	25	25	25	25	25	. .	. .	. .

SPECIAL SPEED RESTRICTONS

No Special Speed Restrictions apply.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
NORTH GEELONG YARD to: FYANSFORD						**915**	**915**	**915**	**710**	**710**	**710**	**710**	**455**	**455**
UP														
FYANSFORD to: NORTH GEELONG YARD						**2135**	**2135**	**2135**	**2135**	**2135**	**2135**	**2135**	**1625**	**1625**

SAFEWORKING SYSTEM

Train Staff and Ticket Working is in force between North Geelong 'C' Box and Fyansford.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
North Geelong Yard	70.036	765	. .	662	. .	
Fyansford	75.568	347	347	. .	. .	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
North Geelong 'C' 71.142	Douro Street	71.151	FL
,, ,,	Thompson Street	71.820	FL
,, ,,	Midland Highway	72.824	FL
,, ,,	Church Street T	74.009	FL
,, ,,	McCurdy Road	75.370	FL

FL — Flashing Lights 'T' — Equipped with telephone communication.

See Page 7 for explanation for letters and symbols.

Effective: 4.2.90
Replaces:

NORTH SHORE TO PHOSPHATE SIDING
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL km/h	C km/h	N km/h	S X 700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
North Shore and Phosphate Siding	Pass.	N/A	N/A	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§
	Goods	N/A	N/A	15	15H	15	15	15	15	15	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

No Special Speed Restrictions apply.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
NORTH SHORE to: PHOSPHATE SIDING . .	. .	. .	. .	. .	. .	. .	. .	. .	. .	**1020**	**1020**	**1020**	**1020**	**710**	**710**
UP														
PHOSPHATE SIDING to: NORTH SHORE . .	. .	. .	. .	. .	. .	. .	. .	. .	. .	**1420**	**1420**	**1420**	**1420**	**1020**	**1020**

SAFEWORKING SYSTEM

Siding Condition Working is in force between North Shore and Phosphate Siding.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)					
		No. 1	No. 2	No. 3	No. 4	No. 5	Sidings & Extensions
North Shore Phosphate Siding . .	67.00	749	632	641	. .	. .	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
North Shore 67.00	Seabeach Parade	68.234	FL

FL — Flashing Lights.

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

NORTH GEELONG 'C' BOX TO GEELONG GRAIN DISCHARGE POINT (Via Grain Loop)
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL km/h	C km/h	N km/h	S X 700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
North Geelong 'C' Box and Geelong Grain Discharge Point (Via Grain Loop)	Pass. Goods	§§ 20	§§ 20	§§ 20	§§ 20H	§§ 20	§§ 20	§§ 20	§§ 20	§§ 20	N/A . .	N/A . .	N/A . .

SPECIAL SPEED RESTRICTIONS

1. All trains must not exceed 5 km/h when passing through the grain discharge shed.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
NORTH GEELONG 'C' BOX to: GEELONG GRAIN DISCHARGE POINT (Via Grain Loop) (See footnote q below)	**3000q**	. .	. .	. .	**2400q**	. .	. .	. .	. .	. .	. .	. .	. .	. .

q — Interim Load only.

SAFEWORKING SYSTEM

Train Staff and Ticket Working is in force between North Geelong 'C' Box and Geelong Grain Discharge Point (Via Grain Loop). (Train Staff Tickets are not issued). The Grain Loop operates in an anti-clockwise direction.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
North Geelong 'C' Box	71.142	. .	. .	. .	. .	
Geelong Grain Discharge Point	. .	. .	. .	. .	. .	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
North Geelong 'C' Box 71.142	Access Road T	68.026	FL

FL — Flashing Lights. T — Equipped with telephone communication.

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

NORTH GEELONG TO ARARAT
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
North Geelong 'A' Box and North Geelong 'C' Box	All Trains	30	30	30	30	30	30	30	30	30	30	30	30
North Geelong 'B' Box and North Geelong 'C' Box	All Trains	30	30	30	30	30	30	30	30	30	30	30	30
North Geelong 'C' Box and Maroona	Pass. Goods	80 80	80 80	95 80	95 80	95 80	95 80	95 80	95 80	65 65	95 . .	80 . .	95 . .
Maroona and Ararat	Pass. Goods	95 90	95 90	95 90	95 90	95 90	95 90	95 90	95 90	65 65	65 . .	80 . .	80 . .

SPECIAL SPEED RESTRICTIONS

The speed of all trains when passing over Facing Points worked from an interlocking frame or otherwise securely fastened, or over track points shall be as shown hereunder:

	Maximum Speed	
	When running or from lines diverging from the straight track Km/h	When running on the straight track Km/h
Over facing points held by hand	25	25
Between Gheringhap & Maroona (except at Inverleigh, Cressy, Lismore, Pura Pura & Tatyoon)	40	95
At Inverleigh, Cressy, Lismore, Pura Pura and Tatyoon. See Note Below	40	65
Between Maroona and Ararat		80
(i) Over diverging facing or trailing trailable points	40	—
(ii) Over trailing trailable points until locomotive clears points	—	40

Note:—Where trailable points are provided the speed of the locomotive must not exceed 25km/h whilst passing through the points in a trailing direction. After the locomotive has cleared the points the speed of the train may be increased to maximum permissible speed.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
NORTH GEELONG to:														
Gheringhap	. .	. .	. .	. .	. .	. .	**1420**	**1420**	**1420**	915	915	915	915	610	610
Maroona	. .	. .	. .	. .	1625	1625	1625	1625	1625	965	965	965	965	630	630
Langi Logan	. .	. .	. .	. .	1830	1830	1830	1830	1830	1015	1015	1015	1015	660	660
ARARAT (See footnote t below)	. .	**2250**	**2250**	**2250**	**1525**	**1525**	**1420**	**1420**	**1420**	**815**	**815**	**815**	**815**	**510**	**510**

t—Trains with these loads must be given a clear run into Ararat Yard.

UP														
ARARAT to:														
Maroona	. .	. .	. .	. .	. .	. .	1830	1830	1830	1625	1625	1625	1625	1120	1120
Pura Pura	. .	. .	. .	. .	**1830**	**1830**	**1625**	**1625**	**1625**	**1120**	**1120**	**1120**	**1120**	**690**	**690**
Derrinallum	. .	. .	. .	. .	2135	2135	2135	2135	2135	1830	1830	1830	1830	1220	1220
Cressy	. .	. .	. .	. .	. .	. .	. .	. .	. .	1270	1270	1270	1270	**690**	**690**
Inverleigh	. .	. .	. .	. .	. .	. .	. .	. .	. .	1420	1420	1420	1420	1120	1120
Gheringhap	. .	**2500**	**2500**	**2500**	**1830**	**1830**	**1625**	**1625**	**1625**	**1120**	**1120**	**1120**	**1120**	**690**	**690**
NORTH GEELONG	. .	3200	3200	3200	2135	2135	2135	2135	2135	2030	2030	2030	2030	1420	1420

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

SAFEWORKING SYSTEMS

Electric Staff Working is in force between North Geelong 'B' Box — North Geelong 'C' Box and North Geelong 'C' Box — Gheringhap.

An Intermediate Electric Staff Instrument is provided at the Down end of the Grain arrival and departure tracks, North Geelong 'C' Box.

Train Order Working is in force between Gheringhap — Inverleigh, Inverleigh — Wingeel, Wingeel — Cressy, Cressy — Berrybank, Berrybank — Lismore, Lismore — Derrinallum, Derrinallum — Pura Pura, Pura Pura — Westmere, Westmere — Tatyoon, Tatyoon — Maroona, Maroona — Jackson's Loop and Jackson's Loop — Ararat.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
North Geelong Yard	70.036	765	..	662	..	
Gheringhap	83.454	291	..	..	..	Siding A Up-683 Siding B-231 Siding B Dn-742
Inverleigh	100.649	884	884	..	..	
Wingeel (See Footnote)	118.212	884	884	..	..	
Cressy	137.586	884	884	437	..	
Berrybank (See Footnote)	152.132	884	884	307	..	
Lismore	166.147	884	884	505	..	
Derrinallum (See Footnote)	176.246	884	884	263	..	
Pura Pura	195.691	884	884	..	..	
Westmere (See Footnote)	213.099	884	884	..	..	
Mininera	222.994	..	..	..	..	
Tatyoon	231.974	884	884	329	..	
Maroona	244.452 232.047*	937	937	757	475	
Jackson's Loop	221.287*	983	983	..	..	
Langi Logan	219.985*	..	..	..	..	
Ararat	210.929*	714	683	593	..	No.8-560, No.9-522

NOTE:— Crossing loops at Wingeel, Berrybank, Derrinallum and Westmere are currently unavailable for traffic.

* Distance shown via Ballan.

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
North Geelong 'C' Box 71.142	Separation Street	71.178	FL
,, ,,	Thompson Street T	72.154	FL
,, ,,	Anakie Road T	73.600	FL
,, ,,	Steiglitz Road	77.404	FL
Inverleigh 100.649	Hamilton Highway T	95.922	FL
Cressy 137.586	,, ,,	137.900	FL
Berrybank 152.132	,, ,,	146.560	FL
Derrinallum 176.246	,, ,,	175.342	FL
Westmere 213.099	Glenelg Highway T	213.365	FL
Maroona 244.452	Helendoite Road T	244.086	FL
Ararat 210.929*	Jackson's Creek Road T	215.314*	FL
,,	Barkly Street (Western Highway)	212.227*	FL
,,	Alfred Street	212.044*	FL

*—Distance shown via Ballan.

FL — Flashing Lights. T — Equipped with telephone communication.

Effective: 4.2.90
Replaces:

MELBOURNE TO WOLSELEY
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Spencer Street and North Melbourne Junction (All Pass. Lines)	Pass.	50	50	50	50	50	50	50	50	50	50	50	50
	Goods	25	25	25	25	25	25	25	25	25	. .	. .	. .
Franklin Street When Diverging From a Straight Track	Pass.	30	30	30	30	30	30	30	30	30	30	30	30
	Goods	25	25	25	25	25	25	25	25	25	. .	. .	. .
North Melbourne Junction and Footscray (Via Passenger Lines)	Pass.	65	65	65	65	65	65	65	65	65	65	65	65
	Goods	50	50	50	50	50	50	50	50	50	. .	. .	. .
Footscray and Sunshine (Via Passenger Lines)	Pass.	80	80	80	80	80	80	80	80	65	80	80	80
	Goods	65	65	65	65	65	65	65	65	65	. .	. .	. .
South Kensington and South Dynon Junction (Via Goods Lines)	Pass.	40A	40A	40A	40A	40A	40A	40A	40A	40A	40A	40A	40A
	Goods	40	40	40	40	40	40	40	40	40	. .	. .	. .
South Dynon Junction and West Footscray Junction	Pass.	65A	65A	65A	65A	65A	65A	65A	65A	65A	65A	65A	65A
(Via Goods Lines)	Goods	65	65	65	65	65	65	65	65	65	. .	. .	. .
Over Fixed Points at West Footscray Junction Until the whole Train Has Cleared the Points	All Trains	15	15	15	15	15	15	15	15	15	15	15	15
West Footscray Junction and Sunshine (Via Goods Lines)	Pass.	30A	30A	30A	30A	30A	30A	30A	30A	30A	30A	30A	30A
	Goods	15	15	15	15	15	15	15	15	15	. .	. .	. .
Sunshine and Ballarat East Box (See Special Speed Restrictions)	Pass.	80	80	115	115	115	115	100	100	65	100	80	95
	S/Freight	90	80	90	90	90	90	90	90	65	. .	. .	. .
	Goods	80	80	80	80	80	80	80	80	65	. .	. .	. .
Ballarat East Box and Armstrong St. Bridge (Ballarat Yard)	All Trains	15	15	15	15	15	15	15	15	15	15	15	15
Armstrong St. bridge and Ballarat North 'C' Box	All Trains	30	30	30	30	30	30	30	30	30	30	30	30
All movements to/from Ballarat East Loco. Depot	All Trains	10	10	10	10	10	10	10	10	10	10	10	10
Down Trains entering the Goods Arrival Track from Ballarat East	All Trains	10	10	10	10	10	10	10	10	10	10	10	10
Ballarat North 'C' Box and Ararat	Pass.	80	80	115	115	115	115	100	100	65	100	80	95
	S/freight	90	80	90	90	90	90	90	90	65	. .	. .	. .
	Goods	80	80	80	80	80	80	80	80	65	. .	. .	. .
Ararat and Lubeck Loop	Pass.	115	115	115	115	115	115	100	100	65	100	80	95
	S/freight	95	95	95	95	95	95	95	95	65	. .	. .	. .
	Goods	90	90	90	90	90	90	90	90	65	. .	. .	. .
Lubeck Loop and Horsham	Pass.	100	100	100	100	100	100	100	100	65	100	80	95
	S/freight	85	85	85	85	85	85	85	85	65	. .	. .	. .
	Goods	80	80	80	80	80	80	80	80	65	. .	. .	. .
Horsham and Serviceton	Pass.	115	115	115	115	115	115	100	100	65	100	80	95
	S/freight	95	95	95	95	95	95	95	95	65	. .	. .	. .
	Goods	90	90	90	90	90	90	90	90	65	. .	. .	. .
Serviceton and Wolseley	Pass.	80	80	110	110	110	110	100	100	65	100	80	95
	All Goods	80	80	80	80	80	80	80	80	65	. .	. .	. .

See Page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

SPECIAL SPEED RESTRICTIONS

The speed of all trains when passing over Facing Points worked from an interlocking frame or otherwise securely fastened, or over trailing points shall be as shown hereunder:

	Maximum Speed	
	When running to or from lines diverging from the straight track Km/h	When running on the straight track Km/h
Over facing points held by hand	25	25
Wolseley Line — Between Sunshine and Wolseley (except at Rockbank, Melton, Bacchus Marsh, Ballan, Warrenheip, Ballarat, Trawalla, Ararat, Murtoa, Dimboola and Wolseley)	65	115
At Bacchus Marsh, Warrenheip, Ararat, Murtoa, Dimboola and Wolseley	40	95
At Rockbank, Melton, Ballan and Trawalla	40	115

1. The speed of all 'Up' Superfreighter and Goods trains operated by **G, BL** or **N** class locomotives between Ballan and Bacchus Marsh must not exceed 65 km/h.
2. Whenever a dynamic brake is in-operative within a locomotive consist hauling any 'Up' Superfreighter and Goods trains between Ballan and Bacchus Marsh, the speed of that train must not exceed 65 km/h.
3. The following restrictions apply to the operation of **G, C** or **BL** class locomotives:
   (i) Trains hauled by these locomotives must NOT be permitted to shunt onto Redan Line at Linton Junction.
   (ii) 'C' class locomotives may be shunted for crossing purposes onto the Maryborough line at North Ballarat Junction, the Hopetoun line at Murtoa and the Yaapeet line at Dimboola. Maximum speed 15 km/h.

Effective: 4.2.90
Replaces:

MELBOURNE TO WOLSELEY (Cont'd)
RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
MELBOURNE YARD to:														
Sth. Kensington (Via Pass. Lines)	3200	2600	2135	2135	2135	1830	1830	1830	1420	1420	1420	1420	760	760
Sunshine (Via Pass. Lines)	2530	2530	2530	1830	1830	1625	1625	1625	1220	1220	1220	1220	730	730
MELBOURNE YARD to:														
Sth. Kensington (Via Goods Lines)	. .	2600	2600	2135	2135	1830	1830	1830	. .	. .	. .	. .	915	915
Tottenham Yard	3200	2530	2530	1830	1830	1625	1625	1625	1220	1220	1220	1220	760	760
Sunshine (Via Goods Lines)	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	865	865
Deer Park	. .	. .	. .	. .	. .	. .	. .	. .	1420	1420	1420	1420	915	915
Melton	. .	2100	2100	1525	1525	1420	1420	1420	1015	1015	1015	1015	730	730
Bacchus Marsh	. .	1650	1650	1220	1220	1015	1015	1015	815	815	815	815	610	610
Ballan	. .	**1200**	**1200**	**790**	**790**	**660**	**660**	**660**	**405**	**405**	**405**	**405**	**305**	**305**
Bungaree Loop	. .	. .	. .	865	865	710	710	710	455	455	455	455	355	355
Warrenheip	**1390**	2530	2530	1830	1830	1625	1625	1625	915	915	915	915	610	610
Ballarat	2000	2900	2900	2135	2135	2135	2135	2135	2135	2135	2135	2135	1270	1270
Linton Junction	1520	2100	2100	1525	1525	1420	1420	1420	915	915	915	915	510	510
Trawalla	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	915	915
Beaufort	. .	2530	2530	1830	1830	1830	1830	1830	1420	1420	1420	1420	510	510
Ararat	**1390**	1250	1250	915	915	760	760	760	510	510	510	510	355	355
Pyrenees Loop	1750	1850	1850	1420	1420	1220	1220	1220	. .	. .	. .	. .	405	405
Stawell	3070	1800	1800	1320	1320	1120	1120	1120	815	815	815	815	510	510
Deep Lead Loop	. .	1950	1950	1420	1420	1420	1420	1420	915	915	915	915	610	610
Murtoa	3060	. .	. .	. .	. .	1830	1830	1830	1625	1625	1625	1625	1270	1270
Jung	. .	. .	. .	. .	. .	1625	1625	1625	915	915	915	915	610	610
Horsham	2160	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
Dimboola	2220	2530	2530	1830	1830	1830	1830	1830	1625	1625	1625	1625	1270	1270
Gerang Gerung	. .	. .	. .	. .	. .	. .	. .	. .	815	815	815	815	490	490
Kiata	1570	2040	2040	1475	1475	1220	1220	1220	560	560	560	560	355	355
Diapur Loop	2260	2530	2530	1725	1725	1430	1430	1430	915	915	915	915	405	405
Miram	1550	1300	1300	960	960	860	860	860	510	510	510	510	355	355
Kaniva	2530	. .	. .	. .	. .	. .	. .	. .	915	915	915	915	405	405
Lillimur	. .	. .	. .	. .	. .	. .	. .	. .	1625	1625	1625	1625	815	815
Serviceton	2120	2350	2350	1725	1725	1420	1420	1420	1015	1015	1015	1015	580	580
WOLSELEY	2200	1900	1900	1750	1750	1600	1600	1600	1050	1050	1050	1050	550	550
UP														
WOLSELEY to:														
Serviceton	**1450**	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
Kaniva	1730	2400	2400	1625	1625	1420	1420	1420	710	710	710	710	. .	. .
Diapur Loop	1490	**1400**	**1400**	915	915	760	760	760	**455**	**455**	**455**	**455**	**355**	**355**
Nhill	2320	2580	2580	1725	1725	1420	1420	1420	1015	1015	1015	1015	815	815
Salisbury Loop	1830	1520	1520	1015	1015	865	865	865	610	610	610	610	450	450
Dimboola	1890	. .	. .	. .	. .	1830	1830	1830	1220	1220	1220	1220	815	815
Wail	3270	2740	2740	1830	1830	1625	1625	1625	965	965	965	965	650	650
Horsham	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	1150	1150
Glenorchy	2410	3200	3200	2135	2135	2135	2135	2135	1830	1830	1830	1830	1270	1270
Stawell (Non Stop)	2880	2740	2740	1830	1830	1420	1420	1420	965	965	965	965	650	650
,, (Stopping)	1850	1800	1800	1420	1420	1120	1120	1120	710	710	710	710	510	510
Great Western Loop (See footnote 'j' below)	1780j	1500	1500	1120	1120	965	965	965	610	610	610	610	450	450
Ararat (See footnote 'j' below)	2100j	2740	2740	1830	1830	1420	1420	1420	965	965	965	965	710	710
Buangor	. .	1450	1450	965	965	815	815	815	510	510	510	510	. .	. .
Beaufort	. .	**1400**	**1400**	**865**	**865**	760	760	760	**455**	**455**	**455**	**455**	**355**	**355**
Trawalla	. .	. .	. .	. .	. .	1830	1830	1830	1625	1625	1625	1625	915	915
Linton Junction	**1450**	. .	. .	. .	. .	. .	. .	. .	915	915	915	915	. .	. .
Ballarat	. .	2740	2740	1830	1830	1420	1420	1420	815	815	815	815	455	455
Warrenheip (See footnote 'c' below)	1520	**1400**	**1400**	**865**	**865c**	. .	. .	. .	**455**	**455**	**455**	**455**	. .	. .
Ballan	. .	1450	1450	915	915	760	760	760	510	510	510	510	**355**	**355**
Bacchus Marsh	. .	2740	2740	1830	1830	1820	1820	1820	1830	1830	1830	1830	630	630
Parwan Loop	. .	**1400**	**1400**	**865**	**865**	**710**	**710**	**710**	510	510	510	510	**355**	**355**
Rockbank	. .	2400	2400	1625	1625	1625	1625	1625	865	865	865	865	635	635
Sunshine (Via Goods Lines)	**1450**	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	1270	1270
Tottenham Yard	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
Sth. Kensington (Via Goods Lines)	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
MELBOURNE YARD	3170	3200	3200	2135	2135	2135	2135	2135	1625	1625	1625	1625	1220	1220
Sunshine (Via Pass. Lines)	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
Sth. Kensington (Via Goods Lines)	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
MELBOURNE YARD	3170	3200	3200	2135	2135	2135	2135	2135	1625	1625	1625	1625	1220	1220

Notes:—

c-'X' Class Locomotives may haul 915 tonnes between Ballarat and Warrenheip.

(j) This load for 'G' or 'BL' Class Locomotives may be increased to 2150 tonnes between Murtoa and Ararat provided that:—
(i) The train will not be required to stop at Stawell or Great Western Loop.
(ii) There are no temporary speed restrictions between 244.38 and 238.05 km.
(iii) A non-stop run will be given between signals A2444 at 244.38 km and A2380 at 238.05 km.
(iv) The train will not be stopped at signal A2250 at 225.04 km.

Effective: 4.2.90
Replaces:

SAFEWORKING SYSTEMS

Three position signalling is in force on the down and up lines between No. 1 Box Spencer Street and Sunshine (Via Passenger Lines) and Melbourne Yard (Viaduct Junction) — South Kensington — South Dynon Junction — West Footscray Junction (via Goods Lines).

Traffic between West Footscray Junction and Sunshine (via Goods Lines) is operated under the special instructions contained in the General Appendix.

Centralised Traffic Control, operated from Sunshine, is in force between Sunshine and Deer West Junction. Between Sunshine and Deer Park West Junction there are two tracks known as North and South tracks which are signalled for two way running.

Automatic and Track Control System is in force between Deer Park West Junction and Warrenheip. The Signalman at Bacchus Marsh operates the points and signals at Rockbank, Parwan Loop and Bank Box Loop by remote control from a Signal Control panel located in the Signal Box at Bacchus Marsh. The Signalman at Warrenheip operates the points and signals at Bungaree Loop by remote control from a Signal Control Panel located in the Signal Box at Warrenheip.

Melton may be switched in as arranged by the Train Controller, Centrol.

Double Line Block System is in force on the down and up lines between Warrenheip and Ballarat East Box. Track Block Working is in force on the down and up lines between Ballarat East Box and Ballarat 'A' Box. Double Line Block System is in force on the down and up lines between Ballarat (Lydiard Street Box 'B') — North Ballarat 'C' Box and North Ballarat 'C' Box — Linton Junction Box 'D'.

Electric Staff Working is in force between Linton Junction 'D' — Trawalla, Trawalla — Buangor and Buangor — Ararat.

Centralised Traffic Control operated from Transport House is in force between Ararat and Wolseley. Local Control Panels are located at Murtoa, Horsham and Dimboola.

MINIATURE STAFF AUTOMATIC EXCHANGING APPARATUS

Miniature Staff Automatic Exchanging Apparatus is in use between Linton Junction and Buangor, as set out hereunder for the purpose of exchanging Staffs carried by non-stop passenger and goods trains.

The position of the Exchanging Apparatus is as set out hereunder:—

	Position of Exchanging Apparatus	Track or Line on which Exchange will be Effected
DOWN		
Linton Junction	54 metres up side of signal-box	Down Main Line
Trawalla	102 metres up side of signal-box	No. 1 Track
Buangor	6 metres up side of signal-box	No. 2 Track
UP		
Buangor	6 metres down side of signal-box	No. 2 Track
Trawalla	5 metres down side of signal-box	No. 1 Track
Linton Junction	13 metres down side of signal-box	Up Main Line

SPECIAL NOTES

Sunshine

Provision of Special boards for the stoppage of the down and up "Overland" at platform.

In connection with the provision at Sunshine of facilities for the transfer of passengers between the "The Overland" and "Intercapital Daylight" Expresses and to ensure that the rear brakevan is, in all cases, brought to the platform, Special boards of a triangular shape, painted white with black lettering, have been provided as shown hereunder:—

Up Main Line

One board lettered 9, applicable to one locomotive hauling 9 carriages and including vans.

One board lettered 11, applicable to two locomotives hauling 11 carriages and including vans.

One board lettered 13, applicable to two locomotives hauling 13 carriages and including vans.

One board lettered 15, applicable to two locomotives hauling 15 carriages and including vans.

Down via No. 3 Road (No. 3 Platform)

One board (Dwarf) lettered 9, applicable to one locomotives hauling 9 carriages and including vans.

One board (Dwarf) lettered 11, applicable to one locomotive hauling 11 carriages and including vans.

One board (Dwarf) lettered 13, applicable to one locomotive hauling 13 carriages and including vans.

One board (Dwarf) lettered 15, applicable to one locomotive hauling 15 carriages and including vans.

Note: In the event of the locomotive power being other than as shown above, the driver is to make due allowance for the altered length of the train when stopping.

Sunshine

Vehicles boards on Up Independent Goods Line

Special boards of triangular shape with black lettering on white bakground are erected on the left hand side of the Up Independent Goods Line between Sunshine and Tottenham Yard to indicate to drivers of up goods trains where to stop the locomotive to effect a change of crew under the protection of fixed signals.

The boards are lettered 90 vehicles, 110 vehicles and 120 vehicles respectively. (Vehicle limitations shown are four-wheel vehicle equivelants).

Effective: 4.2.90
Replaces:

PUBLIC TRANSPORT CORPORATION
VICTORIA

O.1238/93 O.1238/93

DISTRIBUTION
Centrol - Transport House
Spencer St. - Dimboola
South Dynon Locomotive Depot

Emergency Management & Safeworking Unit,
Level 13, Transport House
Phone 14392,
29th October 1993

SPRINTER TRAIN - 130 KM/HR LINE SPEED

Commencing forthwith, Sprinter trains are authorised to travel at up to 130 km/hr when running on the straight track over crossingwork subject to any lesser line speed restriction.

Add as an additional note on page no. 27 of the Master Train Plan General Instructions under "The speed of trains when passing over Facing Points worked from an interlocking frame or otherwise securely fastened or over Trailing points" the following:-

When travelling on the straight track between Spencer Street and Wolseley (except at Bacchus Marsh, Warrenheip, Ballarat, Ararat, Murtoa, Dimboola and Wolseley), Sprinter trains are permitted to travel at up to 130 km/hr subject to any lesser line speed restriction.

All concerned to note and arrange.

A. PALERMO
A/Superintendent Safeworking.

Per:-

MELBOURNE TO WOLSELEY (Cont'd)

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTHS OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Spencer Street	—	..	..	..	..	
North Melbourne	2	..	..	..	..	
South Kensington	3	..	..	..	..	
Footscray	5	..	..	..	..	
Middle Foostcray	6	..	..	..	..	
West Footscray	7	..	..	..	..	
Tottenham Yard	9	..	..	1231	..	No.6-1207, No.7-1132, No.8-1107
Tottenham	9.103	..	..	..	..	
Sunshine	12.254	..	..	..	..	Siding B-345
Ardeer	15.590	..	..	..	..	
Ardeer Siding	16	..	..	..	..	
Deer Park	17.857	..	..	..	..	
Deer Park West Junction	20.805	..	..	..	..	
Boral Resources Siding	21	..	..	..	..	
Rockbank	29.802	720	720	..	..	
Melton	37.298	318	318	..	..	
Parwan Loop	45.710	1449	1449	..	..	
Bacchus Marsh	51.120	379	300	260	275	
Bank Box Loop	65.983	1436	1436	..	..	
Ballan	79.680	305	302	..	..	
Bungaree Loop	100.650	1444	1444	..	..	
Warrenheip	112.163	..	..	..	..	Siding A-287 Siding B-184 Siding C-396
Ballarat East Box	118.109	..	..	..	..	
Ballarat	118.801	..	..	..	..	
North Ballarat Junction	119.900	..	..	..	..	
White's Siding	121	..	..	..	..	
Linton Junction	123.139	..	..	..	..	
Trawalla	156.931	771	771	218	..	
Beaufort	164.784	..	..	..	..	
Buangor	187.621	430	430	..	..	
Ararat	210.929	714	683	593	..	No.8-560, No.9-522
Pyrenees Loop	214.210	1665	1665	..	..	
Great Western Loop	233.614	1441	1441	..	..	
Stawell	241.214	220	290	..	..	Note: No. 2 track 158.
Deep Lead Loop	255.721	1440	1440	..	..	
Glenorchy	261.657	..	..	..	..	
Lubeck Loop	281.941	1533	1533	102	102	
Marmalake	296.400	..	..	..	..	
Murtoa	298.320	838	838	396	..	Siding C-426 Siding D-364
Murtoa Loop	304.814	1437	1437	..	..	
Jung	309.002	..	..	..	..	
Dooen	319.027	..	..	..	..	
Horsham	327.293	1260	1260	242	..	No. 3 Extn. Up-480 Dn-484
Dahlen Siding	336.307	..	..	..	..	
Pimpinio	343.604	..	..	..	..	
Pimpinio Loop	348.423	1445	1445	..	..	
Wail	352.801	..	..	..	..	
Dimboola	361.772	885	878	219	193	
Dimboola Loop	365.456	1442	1442	..	..	
Gerang Gerung	378.431	..	..	..	..	
Kiata	386.439	..	..	..	..	
Salisbury Loop	388.531	1553	1553	..	..	No.2 Track-1219
Nhill	399.696	..	..	..	..	
Tarranginnie	411.215	..	..	..	..	
Diapur Loop	416.786	1450	1450	..	..	Siding-408
Miram	428.964	..	..	..	..	
Kaniva Loop	434.196	1436	1436	..	..	
Kaniva	438.425	..	..	..	..	
Lillimur	448.780	..	..	..	..	
Leeor Loop	457.702	1457	1457	..	..	
Serviceton	461.696	..	..	..	..	
Vic./S.A. Border	463.687	..	..	..	..	
Wolseley (S.A.)	469.200	617	1708	..	..	
Tailem Bend	656	1890	1890	..	..	
Adelaide (Keswick)	773	..	..	..	..	
Dry Creek	788	..	..	..	..	

Effective: 4.2.90
Replaces:

MELBOURNE TO WOLSELEY (Cont'd)
FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Sunshine 12.254	Anderson Road	12.832	BB
Ardeer 15.590	Forrest Street (Ardeer Private Sdg.)	15.912	FL
,,	Fitzgerald Road T	15.998	BB
Deer Park 17.857	Station Road T	17.639	BB
,, ,,	Robinson's Road T	19.300	BB
Rockbank 29.802	Derrimut Road T	24.441	FL
,,	Troupes Road T	27.819	FL
,,	Leakes Road T	29.568	FL
Melton 37.298	Exford Road	37.055	BB
,,	Coburns Road T	38.048	FL
Bacchus Marsh 51.120	Fisken Street	50.610	FL
,, ,,	Maddingley Road	51.431	BB
,, ,,	Moore Street South	52.521	FL
Ballan 79.680	Geelong Road T	80.355	FL
,,	Daylesford Road T	80.985	FL
,,	Mount Egerton Road T	91.011	FL
Bungaree Loop 100.650	Old Melbourne Road T	94.411	FL
,,	Wallace Road T	97.952	FL
,,	Old Western Highway	98.444	FL
,,	Old Western Highway	102.639	FL
,,	Lester Road T	103.827	FL
,,	Torpy's Road T	106.701	FL
Warrenheip 112.163	Old Melbourne Road (Dunnnstown Road) T	108.359	FL
,,	Ti-Tree Road T	111.019	FL
Ballarat 118.801	Humffray Street	118.109	IG
,,	Liddiard Street	118.923	IG
,,	Doveton Street T	119.336	BB
,,	McArthur Street	119.867	IG
,,	Creswick Road/Midland Highway T	120.438	BB
,,	Burnbank Street T	121.190	BB
,,	Forrest Street T	122.303	BB
,,	Heinz Lane	122.441	FL
,,	Ring Road T	124.976	FL
Linton Junction 123.139	Gillies Street	123.113	IG
,, ,,	Windermere Road T	134.459	FL
Trawalla 156.931	Langi Kal Kal Road	157.031	FL
Beaufort 164.784	Racecourse Road T	163.667	FL
,,	Lawrence Street	164.636	FL
,,	Haveloch Street	164.965	FL
,,	King Street	165.022	FL
Buangor 187.621	High Street T	187.459	FL
Ararat 210.929	Alfred Street	209.610	FL
Stawell 241.214	Ararat Road T	238.872	FL
,,	Sloane Street	240.805	FL
,,	Seaby Street	241.364	BB
,,	Griffiths Street T	241.862	FL
,,	Lake Road T	242.101	FL
Deep Lead Loop 255.721	Warracknabeal Road T	254.785	FL
,,	Warracknabeal Road T	259.069	FL
,,	Callawadda Road T	261.207	FL
,,	Warracknabeal Road T	266.762	FL
Lubeck Loop 281.730	Horsham Road T	281.941	FL
Murtoa 298.320	Wimmera Highway T	297.574	FL
,,	Minyip Road T	299.009	FL
Jung 309.002	North Jung Road T	308.771	FL
,,	Wimmera Highway T	314.072	FL
Dooen 319.027	Henty Highway	319.284	FL
Horsham 327.293	Edith Street T	326.048	FL
,,	Hazel Street T	328.245	FL
Dimboola 361.772	High Street (Western Highway)	361.331	BB
,,	Cemetery Road T	363.138	FL
,,	Rainbow Road T	364.264	FL
,,	Ellerman Street T	364.381	FL
Gerang Gerung 378.431	Glenlee Road T	378.232	FL
Salisbury Loop 388.531	Woorak Road T	390.414	FL
Nhill 399.696	Jeparit Road T	397.326	FL
,,	Queen Street T	399.016	FL
,,	Davis Avenue	399.901	FL
,,	Airport Road T	401.242	FL
,,	Yanac Road T	406.289	FL
Diapur Loop 416.786	Yanac Road T	417.584	FL
,,	Miram Road T	420.343	FL
Miram 428.964	Diapur Road T	428.509	FL
,,	Kaniva Road T	429.572	FL
,,	Farmers Street T	438.110	FL
Kaniva 438.425	Madden Street	438.685	FL

BB — Boom Barriers. FL — Flashing Lights. IG — Interlocked Gates. T — Equipped with telephone communication.

Effective: 4.2.90
Replaces:

LINTON JUNCTION TO REDAN
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL km/h	C km/h	N km/h	S X 700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
Linton Junction and Redan	Pass.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	§§	§§	N/A	§§	§§
	Goods	N/A	N/A	N/A	N/A	N/A	N/A	N/A	25h	25	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

No Special Speed Restrictions apply.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
LINTON JUNCTION to: REDAN	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	**915**	**915**	**510**	**510**
UP														
REDAN to: LINTON JUNCTION	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	**915**	**915**	**610**	**610**

SAFEWORKING SYSTEM

Train Staff and Ticket Working is in force between Linton Junction and Redan.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Linton Junction	123.139	. .	. .	. .	. .	
Martin Stoneware Siding	124	. .	. .	. .	. .	
Redan	126	. .	. .	. .	. .	
B.P. & Ampol Siding	127	. .	. .	. .	. .	
Ballarat Cattle Siding	127	. .	. .	. .	. .	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Linton Junction 123.139	Western Highway T	125.223	FL
,, ,,	Cuthbert Road T	125.589	FL

FL—Flashing Lights. 'T'—Equipped with telephone communication.

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

ARARAT TO PORTLAND
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Ararat and Maroona	Pass.	95	95	95	95	95	95	95	95	65	65	80	80
	Goods	90	90	90	90	90	90	90	90	65	. .	. .	. .
Maroona and Portland	Pass.	80	80	80	80	80	80	80	80	65	65	80	80
	Goods	80	80	80	80	80	80	80	80	65	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

1. When passing over the Main Line points at Willaura, Glen Thompson, Dunkeld, Hamilton, Heywood and the 'Down' (Ararat) end at Maroona the speed of any train hauled by G, C or BL class locomotives must not exceed 40 km/h until the locomotive has cleared the points.

The speed of all trains when passing over Facing Points worked from an interlocking frame or otherwise securely fastened, or over trailing points shall be as shown hereunder:

	Maximum Speed	
	When running to or from lines diverging from the straight track Km/h	When running on the straight track Km/h
Over facing points held by hand	25	25
Portland Line between Ararat and Portland, (except at Willaura)	—	80
At Willaura	—	65
Over diverging facing or trailing trailable points	40	—
Over Trailing trailable points until locomotives have cleared points	—	40

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
UP	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
ARARAT to:														
Maroona	. .	2500	2500	1830	1830	1830	1830	1830	1625	1625	1625	1625	1120	1120
Willaura	. .	. .	. .	. .	. .	. .	. .	. .	1050	1050	1050	1050	700	700
Hamilton	. .	. .	. .	. .	. .	. .	. .	. .	**815**	**815**	**815**	**815**	**540**	**540**
Heywood	. .	. .	. .	. .	. .	. .	. .	. .	915	915	915	915	. .	. .
PORTLAND	. .	**2500**	**1800**	**1800**	**1420**	**1420**	**1220**	**1220**	**1220**	1015	1015	1015	1015	660	660
DOWN														
PORTLAND STATION to:														
Portland Junction	. .	**1350**	**1200**	**1200**	**915**	**915**	**760**	**760**	**760**	**660**	**660**	**660**	**660**	**405**	**405**
PORTLAND HARBOUR TRUST LINE to:														
Portland Junction	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
Heywood	. .	1740	1510	1360	1370	1220	1240	1110	1010	890	800	760	680	460	410
Hamilton	. .	. .	. .	. .	965	965	**710**	**710**	**710**	. .	. .	. .	. .	. .	. .
Grampians Loop	. .	. .	. .	. .	**915**	**915**	760	760	760	**510**	**510**	**510**	**510**	**355**	**355**
Willaura	. .	. .	. .	. .	1320	1320	1220	1220	1220	915	915	915	915	560	560
Maroona	. .	**1350**	**1200**	**1200**	1220	1220	1015	1015	1015	710	710	710	710	490	490
Langi Logan	. .	. .	. .	. .	1830	1830	1830	1830	1830	1015	1015	1015	1015	660	660
ARARAT (See Footnote t below)	. .	2250	2250	2250	1525	1525	1420	1420	1420	815	815	815	815	510	510

(t): Trains with these loads must be given a clear run into Ararat Yard.

SAFEWORKING SYSTEM

Train Order Working is in force between Ararat-Jackson's Loop, Jackson's Loop-Maroona, Maroona-Willaura Loop, Willaura Loop-Glen Thompson, Glen Thompson-Dunkeld, Dunkeld-Grampians Loop, Grampians Loop-Hamilton, Hamilton-Chrome Loop, Chrome Loop-Myamyn Loop, Myamyn Loop-Heywood, Heywood-Gorae Loop and Gorae Loop-Portland.

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

ARARAT TO PORTLAND (Cont'd)
DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Ararat	210.929	..	..	..	..	
Langi Logan	219.985	..	..	..	..	
Jackson's Loop	221.287	983	983	..	..	
Maroona	232.047	937	937	757	465	
Willaura Loop	247.540	980	980	..	..	
Willaura	248.743	..	..	..	..	
Glen Thompson	269.171	983	983	306	..	
Dunkeld	287.440	972	972	362	..	
Grampians Loop	306.583	982	982	..	..	
Hamilton	317.918	..	..	..	..	
Chrome Loop	337.664	997	997	..	..	
Myamyn Loop	363.760	979	979	..	..	
Heywood	378.785	985	985	322	..	
Gorae Loop	393.786	980	980	..	..	
Thomas Borthwick and Sons Siding	401	..	..	..	..	
Portland Junction	402	..	..	..	..	
Portland Freight Gate Siding	403.073	..	..	..	..	
Portland Depot Sidings	404	1076	1076	..	..	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Stations	Level Crossing	Distance Kilometres	Type
Ararat 210.929	Alfred Street	212.044	FL
,,	Barkly Street (Western Highway)	212.227	FL
,,	Jackson's Creek Road T	215.314	FL
Maroona 232.047	Ararat - Warrnambool Road T	232.415	FL
Willaura 248.473	Edgarley Road T	248.291	FL
,,	Wickliffe Road T	249.026	FL
,,	Glenelg Highway T	267.826	FL
,,	Penshurst Road T	290.229	FL
Dunkeld 287.440	Glenelg Highway T	294.806	FL
Hamilton 317.918	Stawell Road T	310.391	FL
,,	Mill Road T	315.966	FL
,,	Tyers Street T	316.810	FL
,,	South Boundary Road T	319.655	FL
,,	Port Fairy Road T	320.620	FL
,,	Henty Highway T	330.811	FL
Heywood 378.785	Coleraine Road T	354.628	FL
,,	Henty Highway T	357.968	FL
,,	Ettrick Road T	377.801	FL
,,	Mount Clay Road	378.618	FL
Gorae Loop 393.786	Princes Highway T	388.299	FL
,, ,,	Gorae West Road T	396.743	FL
Portland 403.073	Darts Road T	400.126	FL
,,	Cashmore Road T	400.840	FL
Portland Freight Gate Siding	Garden Street T	402.309	FL
,,	Kennedy Street T	402.843	FL
Down End of Exchange Sidings 403.809	Julia Street T	404.223	FL
,,	Bentinck Street	405.856	FL

FL — Flashing Lights. T — Equipped with telephone communication.

Effective: 4.2.90
Replaces:

HEYWOOD TO MOUNT GAMBIER
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Heywood and 390.800km	Pass.	§§	N/A	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§
	Goods	30	N/A	30	30	30	30	30	30	30	. .	. .	. .
390.800km and S.A./Vic. Border 509.517km (A.N. Distance) near Mount Gambier	Pass.	§§	N/A	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§
	Goods	50	N/A	65	65	65	65	65	65	65	. .	. .	. .
509.517km (A.N. Distance) and Mount Gambier (See Special Speed Restrictions)	Pass.	§§	N/A	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§
	Goods	50	N/A	50	50	50	50	50	50	50	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

1. When four wheeled vehicles are attached to the consist of Goods trains the speed must not exceed 50 km/h between 390.800 km and S.A./Vic. border 509.517 km (A.N. Distance).
2. Speed of all trains must not exceed 25km/h between 490.375km and 490.928km (A.N. Distance) between Woods and Forests Siding (State Mill) and Mount Gambier.

The speed of all trains when passing over Facing Points worked from an interlocking frame or otherwise securely fastened, or over trailing points shall be as shown hereunder:

	Maximum Speed	
	When running to or from lines diverging from the straight track Km/h	When running on the straight track Km/h
Over facing points held by hand	25	25
Mount Gambier Line — at Dartmoor, Marp, Puralka, Glenburnie, Murrawa Woods & Forests Sidings.	—	25

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
HEYWOOD to:														
Dartmoor . .	**1640**	. .	. .	**1170**	**940**	**960**	**860**	**850**	**660**	**600**	**600**	**540**	**355**	**320**
MOUNT GAMBIER . .	2610	. .	. .	1900	1790	1840	1650	1620	1625	1460	1625	1460	1100	990
UP														
MOUNT GAMBIER to:														
Dartmoor . .	3800	. .	. .	3430	2710	2940	2640	2520	1880	1690	1680	1510	1015	910
HEYWOOD . .	**1520**	. .	. .	**1100**	**900**	**900**	**810**	**800**	**650**	**590**	**580**	**520**	**355**	**320**

SAFEWORKING SYSTEM

Train Order Working is in force between Heywood-Dartmoor, Dartmoor-Glenburnie and Glenburnie-Mount Gambier.

See Page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

HEYWOOD TO MOUNT GAMBIER (Cont'd)

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Distance in Kilometres from Adelaide	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
			No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Heywood	378.785		985	985	322	..	
Winnap	415.397		..	..	..	..	
Dartmoor	420.446		..	..	..	..	
Marp	429.519		..	..	..	..	
Puralka	441.067		..	..	..	..	
Rennick	449.908		..	..	..	..	
Vic./S.A. Border	450.429	509.617	..	..	..	..	
Glenburnie	459	500.530	800	800	..	..	
Murrawa	463	496.600	..	..	..	..	
Wood and Forests Siding (State Mill)	466	493.641	..	..	..	..	
Mount Gambier	469	490.337	355	355	..	..	New Yard-585

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Heywood 378.785	Ettrick Road T	379.759	FL
,,	Princes Highway T	380.042	FL

FL — Flashing Lights. T — Equipped with telephone communication.

Effective: 4.2.90
Replaces:

ARARAT TO MARYBOROUGH
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Ararat and Maryborough	Pass.	§§ 65	N/A	§§ 65	§§ 65H	§§ 65	§§ 65	§§ 65	§§ 65	§§ 65	§§ . .	§§ . .	§§ . .
	Goods		N/A										

SPECIAL SPEED RESTRICTIONS

1. When Four-wheeled vehicles are attached to the consist of Good trains the speed must not exceed 50 km/h between Ararat and Maryborough.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
ARARAT to:														
Elmhurst . .	. . .	. .	. .	. . .	. .	. .	. .	. .	610	610	610	610	405	405
MARYBOROUGH . .	**1450**	. .	. .	**865**	**865**	**760**	**760**	**760**	**500**	**500**	**500**	**500**	**355**	**355**
UP														
MARYBOROUGH to:														
ARARAT . .	**1520**	. .	. .	**865**	**865**	**760**	**760**	**760**	**500**	**500**	**500**	**500**	**355**	**335**

SAFEWORKING SYSTEM

Train Staff and Ticket working is in force between Ararat and Maryborough.

Avoca may be opened as an Intermediate Block Post as required. See General Appendix.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne (Via Castlemaine)	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Ararat	210.929*	714	683	593	. .	No. 8-560, No. 9-522
,, ...	267.906	. .	. .	. .	. .	
Elmhurst	232.982	. .	. .	. .	. .	
Avoca	204.383	. .	. .	. .	. .	
Maryborough	180.137	889	787	787	325	No. 5-278, A Sdg.-266 B Sdg.-236

* — Distance via Ballarat

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Maryborough 180.137	Derby Road T	181.600	FL
,, ...	Pyrenees Highway T	184.333	FL
Avoca 204.383	Sunraysia Highway T	205.088	FL
Elmhurst 232.982	Pyrenees Highway T	217.799	FL
,, ...	,, ,, ...	227.898	FL
,, ...	,, ,, ...	235.869	FL

FL — Flashing Lights. T — Equipped with telephone communication.

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

MURTOA TO HOPETOUN
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL km/h	C km/h	N km/h	S X 700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
Murtoa and Warracknabeal	Pass.	§§ 50	N/A	§§ 50	§§ 50H	§§ 50	§§ 50	§§ 50	§§ 50	§§ 50	§§ . .	§§ . .	§§ . .
	Goods		N/A										
Warracknabeal and Beulah	Pass.	§§ 50	N/A	§§ 65	§§ 65H	§§ 65	§§ 65	§§ 65	§§ 65	§§ 65	§§ . .	§§ . .	§§ . .
	Goods		N/A										
Beulah and Hopetoun	Pass.	§§ 50	N/A	§§ 55	§§ 55H	§§ 55	§§ 50	§§ 55	§§ 55	§§ 55	§§ . .	§§ . .	§§ . .
	Goods		N/A										

SPECIAL SPEED RESTRICTIONS

1. When four wheeled vehicles are attached to the consist of Goods trains the speed must not exceed 50 km/h between Warracknabeal and Hopetoun.
2. 'C' Class locomotives may be shunted onto the Hopetoun Line at Murtoa subject to a maximum speed of 15 km/h.

The speed of all trains when passing over Facing Points worked from an interlocking frame or otherwise securely fastened, or over trailing points shall be as shown hereunder:

	Maximum Speed	
	When running to or from lines diverging from the straight track Km/h	When running on the straight track Km/h
Over facing points held by hand	25	25
Between Murtoa and Warracknabeal	40	50

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
MURTOA to:														
Nullan													1270	1270
HOPETOUN	**4000**			**2135**	**2135**	**1830**	**1830**	**1830**	**1625**	**1625**	**1625**	**1625**	**900**	**900**
UP														
HOPETOUN to:														
Nullan									**1625**	**1625**	**1625**	**1625**	**900**	**900**
MURTOA	**4000**			**2135**	**2135**	**1830**	**1830**	**1830**	1830	1830	1830	1830	1270	1270

SAFEWORKING SYSTEM

Train Order Working is in force between Murtoa — Warracknabeal and Warracknabeal — Hopetoun.

See Page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

MURTOA TO HOPETOUN (Cont'd)

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Murtoa	298.320	838	838	396	..	Siding C-426, Siding D-364
Coromby	306.914	..	..	..	..	
Minyip	319.614	..	..	..	..	
Nullan	325.884	..	..	..	..	
Sheephills	332.503	..	..	..	..	
Warracknabeal	348.506	177	172	194	..	No. 2 — Down 354 No. 3 — Down 392
B.P. and Mobil Oil Coy's Siding	350	..	..	..	..	
Warrackside	351	..	..	..	..	
Batchica Siding	355.918	..	..	..	..	
Lah	362.606	..	..	..	..	
Brim	368.373	212	140	..	..	No. 2 — Down 171
Galaquil	377.935	..	..	..	..	
Beulah	384.084	..	..	..	..	
Beaulah G.E.B. Siding	385	639	639	..	..	
Rosebery	395.886	..	..	..	..	
Goyura	400.661	..	..	..	..	
Hopetoun	409.661	233	165	..	..	No. 1 — Down 262

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Minyip 319.164	Murtoa—Minyip Road T	318.928	FL
Warracknabeal 348.506	Henty Highway T	348.289	FL
,,	,, ,,	350.713	FL
Hopetoun 409.661	,, ,,	406.496	FL

FL — Flashing Lights. T — Equipped with telephone communication.

Effective: 4.2.90
Replaces:

DIMBOOLA TO YAAPEET
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Dimboola and Jeparit	Pass.	§§ 50	N/A	§§ 65	§§ 65H	§§ 65	§§ 65	§§ 65	§§ 65	§§ 65	§§ . .	§§ . .	§§ . .
	Goods	50	N/A	65	65H	65	65	65	65	65	. .	. .	. .
Jeparit and Ellam	Pass.	§§ 30	N/A	§§ 30	§§ 30H	§§ 30	§§ 30	§§ 30	§§ 30	§§ 30	§§ . .	§§ . .	§§ . .
	Goods	30	N/A	30	30H	30	30	30	30	30	. .	. .	. .
Ellam and Yaapeet	Pass.	§§ 50	N/A	§§ 55	§§ 55H	§§ 55	§§ 55	§§ 55	§§ 55	§§ 55	§§ . .	§§ . .	§§ . .
	Goods	50	N/A	55	55H	55	55	55	55	55	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

1. When four wheeled vehicles are attached to the consist of Goods trains the speed must not exceed 50 km/h between Dimboola to Jeparit and Ellam to Yaapeet.
2. 'C' class locomotives may be shunted onto the Yaapeet line at Dimboola subject to a maximum speed of 15 km/h.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
DIMBOOLA to:														
Jeparit	. .	. .	. .	1600	1600	1420	1420	1420	1015	1015	1015	1015	660	660
Ellam	. .	. .	. .	**1440**	**1440**	**1120**	**1120**	**1120**	**760**	**760**	**760**	**760**	**455**	**455**
YAAPEET	**2500**	. .	. .	2135	2135	1830	1830	1830	1625	1625	1625	1625	1270	1270
UP														
YAAPEET to:														
Rainbow	. .	. .	. .	. .	. .	1320	1320	1320	965	965	965	965	. .	. .
Pullut	. .	. .	. .	**1440**	**1440**	**1200**	**1200**	**1200**	**865**	**865**	**865**	**865**	**560**	**560**
Jeparit	**2500**	. .	. .	2135	2135	1830	1830	1830	1625	1625	1625	1625	1270	1270
Arkona	. .	. .	. .	2000	2000	1625	1625	1625	1220	1220	1220	1220	915	915
DIMBOOLA	3000	. .	. .	1650	1650	1420	1420	1420	1015	1015	1015	1015	660	660

SAFEWORKING SYSTEM

Train Order Working is in force between Dimboola and Yaapeet.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Dimboola	361.722	885	878	219	193	
Arkona	372.094	. .	. .	. .	. .	
Antwerp	379.265	. .	. .	. .	. .	
Tarranyurk	389.582	. .	. .	. .	. .	
Jeparit	398.692	343	268	111	. .	
Ellam	410.282	. .	. .	. .	. .	
Pullut	416.739	. .	. .	. .	. .	
Rainbow	428.348	253	177	125	. .	No.3 Up-232
Albacutya	438.023	. .	. .	. .	. .	
Yaapeet	445.225	250	177	. .	. .	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

No Flashing Light Signals and Boom Barriers apply.

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

NORTH GEELONG TO YELTA
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL km/h	C km/h	N km/h	S X 700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
North Geelong 'A' Box and North Geelong 'C' Box	All Trains	30	30	30	30	30	30	30	30	30	30	30	30
North Geelong 'B' Box and North Geelong 'C' Box	All Trains	30	30	30	30	30	30	30	30	30	30	30	30
North Geelong 'C' Box and Gheringhap	Pass. Goods	80 80	80 80	95 80	95 80	95 80	95 80	95 80	95 80	65 65	95 . .	80 . .	95 . .
Gheringhap and Warrenheip	Pass. Goods	80 80	80 80	115 80	115 80	115 80	115 80	100 80	100 80	65 65	100 . .	80 . .	95 . .
Warrenheip and Ballarat East Box	Pass. Goods	80 80	80 80	115 80	115 80	115 80	115 80	100 80	100 80	65 65	100 . .	80 . .	95 . .
Ballarat East Box and Armstrong St. Bridge Ballarat Yard	All Trains	15	15	15	15	15	15	15	15	15	15	15	15
Armstrong St. Bridge and Ballarat North 'C' Box	All Trains	30	30	30	30	30	30	30	30	30	30	30	30
Down Trains entering the Goods Arrival Track from Ballarat East	All Trains	10	10	10	10	10	10	10	10	10	10	10	10
All movements to/from Ballarat East Loco Depot	All Trains	10	10	10	10	10	10	10	10	10	10	10	10
Ballarat North 'C' Box and St. Arnaud	Pass. Goods	65 65	N/A N/A	80 80	80H 80H	80 80	80 80	80 80	80 80	65 65	80 . .	80 . .	80 . .
St. Arnaud and Donald	Pass. Goods	65 65	N/A N/A	80 70	80H 70H	80 70	80 70	80 70	80 70	65 65	80 . .	80 . .	80 . .
Donald and Birchip	Pass. Goods	65 65	N/A N/A	70 70	70H 70H	70 70	70 70	70 70	70 70	65 65	70 . .	70 . .	70 . .
Birchip and Mildura	Pass. Goods	65 65	N/A N/A	80 80	80H 80H	80 80	80 80	80 80	80 80	65 65	80 . .	80 . .	80 . .
Mildura to 575.0 km (between Mildura and Merbein)	Pass. Goods	§§ 25	N/A N/A	§§ 25	§§H 25H	§§ 25	§§ 25	§§ 25	§§ 25	§§ 25	§§ . .	§§ . .	§§ . .
575.0 km to Calder Highway P.C.R. at Merbein	Pass. Goods	§§ 65	N/A N/A	§§ 65	§§H 65H	§§ 65	§§ 65	§§ 65	§§ 65	§§ 65	§§ . .	§§ . .	§§ . .
Over Calder Highway P.C.R. at Merbein	Pass. Goods	§§ 10	N/A N/A	§§ 10	§§H 10H	§§ 10	§§ 10	§§ 10	§§ 10	§§ 10	§§ . .	§§ . .	§§ . .
Merbein and Yelta	Pass. Goods	§§ 65	N/A N/A	§§ 65	§§H 65H	§§ 65	§§ 65	§§ 65	§§ 65	§§ 65	§§ . .	§§ . .	§§ . .

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

NORTH GEELONG TO YELTA (Cont'd)
SPECIAL SPEED RESTRICTIONS

1. 'C' class locomotives may be shunted onto the Maryborough line at North Ballarat Junction Maximum Speed 15km/h.
2. The speed of 'Up' trains must not exceed 60 km/h between 333.415 km and 333.015 km (Corack Road, Watchem).
3. G, BL, B and S class locomotives are not permitted to operate in the Shell Oil Siding at Mildura.
4. When four-wheeled vehicles are attached to the consist of Goods trains the speed must not exceed 55 km/h between St. Arnaud and Birchip.
5. The speed of all trains passing over facing points at Merebein must not exceed 30 km/h.

The speed of all trains when passing over Facing Points worked from an interlocking frame or otherwise securely fastened, or over trailing points shall be as shown hereunder:

	Maximum Speed	
	When running to or from lines diverging from the straight track Km/h	When running on the straight track Km/h
Over facing points held by hand	25	25
Between North Geelong and Warrenheip (except at Meredith and Lal Lal)	40	115
At Meredith and Lal Lal	65	115
Between North Ballarat Junction and Mildura	40	80
(a) Over diverging facing or trailing trailable points	40	—
(b) Over trailing trailable points until locomotive clears points	—	65

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
NORTH GEELONG YARD to:														
Gheringhap	2250	2250	2250	1625	1625	1420	1420	1420	915	915	915	915	610	610
Lethbridge	..	..	..	1320	1320	1120	1120	1120	760	760	760	760	490	490
Meredith	..	..	..	1120	1120	985	985	985	660	660	660	660	445	445
Lal Lal	..	..	..	1170	1170	1015	1015	1015	710	710	710	710	465	465
Warrenheip	..	**1550**	**1550**	1625	1625	1420	1420	1420	1015	1015	1015	1015	660	660
Ballarat	2000	2900	2900	2135	2135	2135	2135	2135	2135	2135	2135	2135	1270	1270
Sulky Loop	3430			2550	1920	2240	2010	1510	1080	1080	970	870	520	470
Tourello Loop	1520	..	..	1030	**815**	830	**750**	**670**	560	560	560	**480**	**280**	**250**
Talbot	3800	..	..	3800	3510	3510	3160	3090	2670	2670	2490	2240	1700	1530
Maryborough	1530	..	..	1120	890	930	840	815	630	630	570	510	355	310
Dunolly	..	..	..	..	..	..	..	..	610	610	610	610	405	405
St. Arnaud	..	..	..	**915**	915	**775**	775	760	**510**	**510**	**510**	510	355	355
Sutherland	..	..	..	965	965	820	820	815	610	610	610	610	405	405
Cope Cope	..	..	..	1830	1830	1625	1625	1625	1220	1220	1220	1220	815	815
Donald	**1520**	..	..	2135	2135	2135	2135	2135	2135	2135	2135	2135	..	..
Woomelang	..	..	..	..	..	..	..	..	1625	1625	1625	1625	1270	1270
Gama	..	..	..	1830	1830	1830	1830	1830	1420	1420	1420	1420	965	965
Speed	3800	..	..	..	..	..	..	..	..	..	..	..	..	..
Ouyen	2800	..	..	..	..	..	..	..	1220	1220	1220	1220	815	815
Mildura	3800	..	..	1625	1625	1420	1420	1420	1420	1420	1420	1420	965	965
YELTA	2500	..	..	1860	1500	1600	1600	1250	1020	1020	1020	1020	610	610
UP														
YELTA to:														
Mildura	..	..	..	2940	2460	2520	2520	2000	1500	1500	1500	1500	850	850
Redcliffs	..	..	..	1625	1625	1420	1420	1420	1015	1015	1015	1015	660	660
Kiamil	..	..	..	1830	1830	..	..	..	1420	1420	1420	1420	915	915
Ouyen	3800	..	..	2135	2135	1830	1830	1830	1625	1625	1625	1625	1065	1065
Speed	2800	..	..	..	..	..	..	..	..	..	..	..	..	..
Turiff	..	..	..	..	..	1555	1555	1525	..	..	..	..	815	815
Gama	..	..	..	..	..	..	..	..	1220	1220	1220	1220	..	..
Watchupga	..	..	..	1830	1830	1830	1830	1830	1420	1420	1420	1420	915	915
Curyo	..	..	..	..	..	..	..	..	..	..	..	..	1065	1065
Donald	3800	..	..	..	..	..	..	..	..	..	..	..	..	..
Cope Cope	..	..	..	2135	2135	2135	2135	2135	1625	1625	1625	1625	1270	1270
Swanwater	..	..	..	915	915	815	815	815	560	560	560	560	365	365
Sutherland	..	..	..	1830	1830	1555	1555	1525	1015	1015	1015	1015	660	660
Emu	..	..	..	915	915	815	815	815	560	560	560	560	365	365
Bealiba	..	..	..	1420	1420	1220	1220	1220	815	815	815	815	510	510
Dunolly	**1520**	..	..	915	915	815	815	..	510	510	510	510	355	355
Maryborough	2055	..	..	1015	1015	860	860	..	610	610	610	610	510	510
Talbot	1650	..	..	..	930	950	860	..	650	650	600	540	320	290
Tourello Loop	1620	..	..	1180	940	990	890	..	590	590	540	490	**290**	**260**
Sulky Loop	1520	..	..	1120	915	920	830	815	650	650	580	520	360	320
Ballarat	3800			3800	3360	3620	3260	3110	1560	1560	900	810	560	500
Warrenheip (See footnote c below)	**1520**	**1400**	**1400**	**865**	**865c**	**760**	**760**	**760**	**455**	**455**	**455**	**455**	355	355
Gheringhap	2500	2500	2500	..	..	..	..	..	..	..	..	..	..	..
NORTH GEELONG YARD	3200	3200	3200	2135	2135	2135	2135	2135	2030	2030	2030	2030	1420	1420

'c' — "X" Class Locomotives may haul 915 tonnes between Ballarat and Warrenheip.

Effective: 4.2.90
Replaces:

SAFEWORKING SYSTEMS

Electric Staff Working is in force between North Geelong 'B' Box — North Geelong 'C' Box, North Geelong 'C' Box — Gheringhap, Gheringhap — Lethbridge, Lethbridge — Meredith, Meredith — Lal Lal and Lal Lal — Warrenheip.

Special Train Staff and Ticket Working is in force for No. 8143 Passenger Train on Sundays only between North Geelong 'C' Box and Warrenheip, vide instructions issued on Circular No. A. 53/87 and Weekly Notice No. 6/87.

An Intermediate Electric Staff Instrument is provided at the Down end of the Grain arrival and departure tracks, North Geelong 'C' Box.

Double Line Block System is in force on the down and up lines between Warrenheip and Ballarat East Box.

Track Block Working is in force on the down and up lines between Ballarat East Box and Ballarat 'A' Box.

Double Line Block System is in force on the down and up lines between Ballarat (Lydiard Street 'B' Box) and North Ballarat 'C' Box.

Automatic Electric Staff Working is in force between North Ballarat 'C' Box — Sulky Loop, Sulky Loop — Tourello Loop and Tourello Loop — Talbot.

Electric Staff Working is in force between Talbot — Maryborough and Maryborough — Dunolly.

Train Order Working is in force between Dunolly — Emu, Emu — Sutherland, Sutherland — Donald, Donald — Watchem, Watchem — Birchip, Birchip — Woomelang, Woomelang — Speed, Speed — Ouyen, Ouyen — Hattah, Hattah — Carwarp, Carwarp — Redcliffs, Redcliffs — Irymple and Irymple — Mildura.

Train Staff and Ticket working is in force between Mildura and Yelta.

MINIATURE STAFF AUTOMATIC EXCHANGING APPARATUS

Miniature Staff Automatic Exchanging Apparatus is in use at Staff Stations between Gheringhap and Warrenheip as set out hereunder for the purpose of exchanging Staffs carried by non stop passenger and goods trains.

The position of the Exchanging Apparatus is as set out hereunder:—

	Position of Exchanging Apparatus	Track or Line on which Exchange will be Effected
DOWN		
Gheringhap	52 metres Up end of Platform	No. 1 Track
Lethbridge	Opposite Signalbox	No. 1 Track
Meredith	Opposite Signalbox	No. 1 Track
Lal Lal	6 metres from Up end of Platform	No. 1 Track
UP		
Warrenheip	5 metres Down side of Signal box	Up Main Line
Lal Lal	6 metres Down side of the Centre Line of the Signal box	No. 1 Track
Meredith	86 metres from Down end of Platform	No. 1 Track
Lethbridge	86 metres from Down end of Platform	No. 1 Track
Gheringhap	40 metres on Up side of Platform	No. 1 Track

Effective: 4.2.90
Replaces:

PUBLIC TRANSPORT CORPORATION
VICTORIA

O.1175/93

O.1175/93

DISTRIBUTION
Centrol - Transport House
South Dynon Locomotive Depot
All Stations & Depots

Emergency Management & Safeworking Unit
Level 13 Transport House
Phone 14392
15th October 1993

SPEED OF LOCOMOTIVES OR TRAINS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN ON VARIOUS LINES

Commencing forthwith and until further notice, the maximum speed of locomotives or trains and classes of locomotives allowed to run between North Geelong and Yelta will be shown as shown hereunder:

LINE OR PORTION OF LINE BETWEEN	CLASS OF TRAIN	CLASS OF LOCOMOTIVE							
		DIESEL				SPRINTER	STEAM		
		C km/h	G BL km/h	N A X B S 700 GM 900 km/h	T P H km/h		R km/h	J K km/h	D3 km/h
Warrenheip and Ballarat East End (Humffray St. 118.198km)	Pass S/Freight Goods	80 80 80	90 90Q 80	115 90Q 80	100 90Q 80	115	100	80	95 .. ..
Ballarat East End (Humffray St. 118.109km) and Ballarat North Junction	All Trains	40	40	40	40	40	40	40	40

Amend page 41 of the Master Train Plan General Instructions

A. PALERMO
A/Superintendent Safeworking
per:-

NORTH GEELONG TO YELTA (Cont'd)
DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne (Via North Geelong Loop)	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
North Geelong Yard	70.036	765	..	662	..	
North Geelong 'C' Box	71.142	..	..	..	..	
Gheringhap	83.454	..	..	..	..	Siding A Up-683 Siding B-231 Siding B Dn-742
Lethbridge	99.262	523	523	..	..	
Meredith	114.198	860	860	227	..	
Lal Lal	134.758	880	880	..	..	
Warrenheip	148.748	..	..	..	..	Siding A-287 Siding B-184 Siding C-396
	Via Ballan					
,,	112.163	..	..	..	..	
Ballarat East Box	118.109	..	..	..	..	
Ballarat	118.801	..	..	..	..	
North Ballarat Junction	119.900	..	..	..	..	
Sulky Loop	128.388	850	850	..	..	
Tourello Loop	149.254	850	850	..	..	
Talbot	172.867	710	710	..	..	
Maryborough	187.041	889	787	787	325	No. 5 Tk-278 A Siding -266 B Siding -236
Dunolly	209.200	795	795	..	..	
Bealiba	228.637	..	..	..	..	
Emu	240.736	1072	1072	..	..	
St Arnaud	262.171	336	336	265	..	
Sutherland	273.428	989	989	247	..	
Swanwater	280.889	..	..	..	..	
Cope Cope	288.490	..	..	..	..	
Donald Freezing Works Siding	299.190	..	..	..	..	
Donald Crossing Loop	299.747	850	850	..	..	
Donald	300.597	485	..	463	..	
Litchfield	315.709	..	..	..	..	
Massey	324.260	..	..	..	..	
Watchem	332.768	995	995	546	..	
Morton Plains	340.558	..	..	..	..	
Birchip	352.460	773	773	580	362	
Kinnabulla	368.049	..	..	..	..	
Curyo	373.219	..	..	..	..	
Watchupga	384.799	..	..	..	..	
Woomelang	395.095	570	570	663	..	
Lascelles	406.656	..	..	..	..	
Gama	415.281	..	..	..	..	
Turriff	426.053	..	..	..	..	
Speed	432.844	644	644	620	..	
Tempy	439.417	..	..	..	..	
Bronzewing	457.111	..	..	..	..	
Nunga	463.573	..	..	..	..	
Ouyen	471.758	800	800	325	265	
Kiamal	480.364	..	..	..	..	
Hattah	506.018	485	485	..	..	
Carwarp	541.108	532	532	632	..	
Redcliffs	557.955	585	585	..	..	
Irymple	565.635	229	229	..	..	
Mildura Livestock Siding	570	..	..	..	..	
Sarnia Packing Co. Siding	571	..	..	..	..	
Caltex Oil Co. Siding	571	..	..	..	..	
Mildura Co. Op. Fruit Co. Siding	571	..	..	..	..	
Mildura	573.323	543	543	473	..	
Mildura Oil Siding	574	..	..	..	..	
Merbein	583.510	..	..	..	..	
Yelta	592.900	342	342	184	..	

Effective: 4.2.90
Replaces:

NORTH GEELONG TO YELTA (Cont'd)
FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
North Geelong 'C' Box 71.142	Separation Street	71.178	FL
,, ,,	Thompson Street T	72.154	FL
,, ,,	Anakie Road T	73.600	FL
,, ,,	Steiglitz Road	77.404	FL
Gheringhap 83.454	High Street	89.694	FL
Lethbridge 99.262	Station Street T	99.193	FL
Meredith 114.198	Staughton Street T	114.127	FL
,,	Midland Highway T	123.064	FL
Lal Lal 134.758	Clarendon Street T	134.549	FL
,,	Main Street T	140.364	FL
Ballarat 118.801	Humffray Street	118.109	IG
,,	Liddiard Street	118.923	IG
,,	Doveton Street	119.336	BB
,,	McArthur Street	119.867	IG
,,	Howitt Street T	120.786	FL
,,	Norman Street T	121.597	FL
,,	Midland Highway T	129.081	FL
,,	Victoria Street T	137.684	FL
,,	Williams Road T	139.032	FL
Talbot 172.867	Ballarat Road T	149.962	FL
,,	Learmonth Road T	156.362	FL
,,	Ballarat Road T	172.269	FL
,,	Oxford Street T	172.531	FL
,,	Derby Road T	180.862	FL
Maryborough 187.041	Lean Street T	185.659	FL
,,	Inkerman Street	186.742	BB
,,	Tulleroop Road T	182.202	FL
,,	Eddington Road T	190.046	FL
,,	Dunolly Road T	195.012	FL
Dunolly 209.200	Thompson Road	209.099	FL
Bealiba 228.637	Avoca Road T	229.544	FL
Emu 240.736	St. Arnaud Road T	242.414	FL
St. Arnaud 262.171	Sunraysia Highway T	263.667	FL
,,	Howitt Street T	261.949	FL
,,	Millet Street T	262.420	FL
,,	Wimmera Highway T	262.656	FL
,,	Alma Street T	263.023	FL
,,	Wellington Road T	263.403	FL
,,	Sunraysia Highway T	263.667	FL
,,	Sunraysia Highway T	285.933	FL
Donald 300.597	Sunraysia Highway T	299.190	FL
,,	Campbell Street T	300.265	FL
,,	Hammill Street	300.931	FL
,,	Sunraysia Highway T	307.867	FL
Litchfield 315.709	Borung Highway T	316.111	FL
Massey 324.260	Sunraysia Highway T	324.475	FL
Birchip 352.460	Corack Road T	351.964	FL
,,	Wycheproof Road T	352.278	FL
,,	Berriwillock Road T	353.632	FL
,,	Sea Lake Road T	354.230	FL
Woomelang 395.095	Sunraysia Highway T	394.549	FL
,,	Brook Street (Sunraysia Highway) T	395.391	FL
Lascelles 406.560	Sunraysia Highway T	406.262	FL
Ouyen 471.758	Ouyen Highway T	471.527	FL
,,	William Street T	472.492	FL
Redcliffs 557.955	Murray Avenue T	557.440	FL
,,	Fitzroy Avenue T	558.486	FL
Irymple 565.635	Irymple Avenue T	565.427	FL
,,	Calder Highway T	566.191	FL
,,	Karaduc Avenue T	567.156	FL
,,	Sandalong Avenue T	568.103	FL
,,	Cowra Avenue T	569.045	FL
Mildura 572.323	Benetook Avenue and Eleventh Street T	569.973	FL
,,	Ettiwande Avenue T	570.705	FL
,,	San Mateo Avenue T	571.432	FL
,,	Seventh Street (Sturt Highway) T	571.828	FL
,,	Chaffey Avenue T	572.947	FL
,,	Eleventh Street T	573.990	FL

FL — Flashing Lights. BB — Boom Barriers. IG — Interlocked Gates. T — Equipped with telephone communication.

Effective: 4.2.90
Replaces:

MARYBOROUGH TO CASTLEMAINE
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Maryborough and P.C.R. at 129.947km (Freyers Road)	Pass.	65	N/A	80	80H	80	80	80	80	65	55	55	55
	Goods	55	N/A	55	55H	55	55	55	55	55	. .	. .	. .
P.C.R. at 129.947km (Freyers Rd.) and Castlemaine	Pass.	55	N/A	55	55H	55	55	55	55	55	55	55	55
	Goods	55	N/A	55	55H	55	55	55	55	55	. .	. .	. .
Except over Forrest Street Bridge 125.08 km at Castlemaine	All Trains	30	N/A	40	40H	40	40	40	40	40	30	40	40

SPECIAL SPEED RESTRICTIONS

1. When four wheeled vehicles are attached to the consist of Goods trains the speed must not exceed 50 km/h between P.C.R. at 129.947 km (Freyers Road) and Castlemaine.

The speed of all trains when passing over Facing Points worked from an interlocking frame or otherwise securely fastened, or over trailing points shall be as shown hereunder:

	Maximum Speed	
	When running to or from lines diverging from the straight track Km/h	When running on the straight track Km/h
Over facing points held by hand	25	25
Between Castlemaine and Maryborough	40	55

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X	A solo or multi with A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
MARYBOROUGH to:														
Carisbrook . .	. .	. .	. .	1830	1830	1625	1625	1625	1625	1625	1625	1625	1220	1220
CASTLEMAINE . .	**1520**	. .	. .	**1015**	**1015**	**860**	**860**	**815**	**560**	**560**	**560**	**560**	**385**	**385**
UP														
CASTLEMAINE to:														
Moolort . .	. .	. .	. .	**1015**	**1015**	915	915	915	610	610	610	610	405	405
Carisbrook . .	. .	. .	. .	1830	1830	1625	1625	1625	1420	1420	1420	1420	1220	1220
MARYBOROUGH . .	**1520**	. .	. .	**1015**	**1015**	**860**	**860**	**815**	**510**	**510**	**510**	**510**	**365**	**365**

See Page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

MARYBOROUGH TO CASTLEMAINE (Cont'd)

SAFEWORKING SYSTEM

Train Staff and Ticket working is in force between Maryborough and Castlemaine.

Carisbrook may be worked as an Intermediate Block Post as required. See General Appendix.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne Via (Castlemaine)	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Maryborough	180.137	889	787	787	325	No. 5 Tk-278 A Siding-266 B Siding-236
Carisbrook	173.188	..	..	..	..	
Moolort	162.124	..	..	..	..	
Newstead	148.280	..	..	..	..	
Castlemaine	125.484	830	830	..	..	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Maryborough 180.137	Gillies Street T	178.850	FL
Newstead 148.280	Pyrenees Highway T	149.857	FL
,,	Creswick Road T	148.436	FL
Castlemaine 125.484	Freyers Road (Station Street)	129.947	FL
,,	Moscript Street T	128.592	FL
,,	Maclise Street T	126.983	FL
,,	Rowe Street T	126.356	FL

FL — Flashing Lights. T — Equipped with telephone communication.

Effective: 4.2.90
Replaces:

DUNOLLY TO KULWIN
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL km/h	C km/h	N km/h	S X 700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
Dunolly and Inglewood	Pass.	§§ 50	N/A	§§ 55	§§ 55H	§§ 55	§§ 55	§§ 55	§§ 55	§§ 55	§§ . .	§§ . .	§§ . .
	Goods		N/A										
Inglewood and Wycheproof	Pass.	§§ 65	N/A	§§ 65	§§ 65H	§§ 65	§§ 65	§§ 65	§§ 65	§§ 65	§§ . .	§§ . .	§§ . .
	Goods		N/A										
Wycheproof and Kulwin	Pass.	§§ 55	N/A	§§ 55	§§ 55H	§§ 55	§§ 55	§§ 55	§§ 55	§§ 55	§§ . .	§§ . .	§§ . .
	Goods		N/A										

SPECIAL SPEED RESTRICTIONS

1. Up Goods Trains approaching Wycheproof must stop at the board at 307.319 km and telephone the Stationmaster for permission to proceed.
2. All trains passing through Wycheproof Main Street are restricted to 25 km/h.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
DUNOLLY to:														
Llanelly	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	**435**	**435**
Inglewood	**1200**	. .	. .	1200	1200	1020	1020	1015	**710**	**710**	**710**	**710**	610	610
Korong Vale	1900	. .	. .	1220	1220	1035	1035	1015	. .	. .	. .	. .	. .	. .
Wychitella	. .	. .	. .	**1015**	**1015**	**915**	**915**	**915**	**710**	**710**	**710**	**710**	560	560
Charlton	. .	. .	. .	1625	1625	1420	1420	1420	1015	1015	1015	1015	815	815
Teddywaddy	. .	. .	. .	**1015**	**1015**	**915**	**915**	**915**	**710**	**710**	**710**	**710**	560	560
Wycheproof	. .	. .	. .	1830	1830	1830	1830	1830	1830	1830	1830	1830	1570	1570
Sea Lake	. .	. .	. .	2400	2400	2100	2100	2100	1625	1625	1625	1625	1270	1270
Nandaly	. .	. .	. .	. .	. .	. .	. .	. .	1220	1220	1220	1220	. .	. .
Pier Millan	. .	. .	. .	. .	. .	. .	. .	. .	1015	1015	1015	1015	815	815
KULWIN	3800	. .	. .	2300	2300	2300	2300	2300	1525	1525	1525	1525	1270	1270
UP														
KULWIN to:														
Mittyack	2300	. .	. .	1710	1430	1430	1430	1210	915	915	915	915	815	815
Pier Millan	. .	. .	. .	. .	. .	. .	. .	. .	1220	1220	1220	1220	1015	1015
Nandaly	. .	. .	. .	. .	. .	. .	. .	. .	1625	1625	1625	1625	1270	1270
Nyarrin	. .	. .	. .	1625	1625	1420	1420	1420	1015	1015	1015	1015	815	815
Sea Lake	. .	. .	. .	. .	. .	. .	. .	. .	1625	1625	1625	1625	. .	. .
Boigbeat	. .	. .	. .	2100	2100	1800	1800	1800	1420	1420	1420	1420	. .	. .
Culgoa	. .	. .	. .	2200	2200	1900	1900	1900	. .	. .	. .	. .	. .	. .
Nullawil	. .	. .	. .	. .	. .	. .	. .	. .	1625	1625	1625	1625	. .	. .
Wycheproof	. .	. .	. .	2400	2400	2100	2100	2100	. .	. .	. .	. .	. .	. .
Teddywaddy	3800	. .	. .	2135	2135	2135	2135	2135	2135	2135	2135	2135	1270	1270
Charlton	. .	. .	. .	1220	1220	1035	1035	**1015**	815	815	815	815	610	610
Barrakee	. .	. .	. .	2135	2135	2135	2135	2135	1625	1625	1625	1625	1270	1270
Korong Vale	1900	. .	. .	1220	1220	1035	1035	**1015**	815	815	815	815	610	610
Inglewood	. .	. .	. .	1830	1830	1555	1555	1525	1015	1015	1015	1015	710	710
Llanelly	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	610	610
DUNOLLY	**1745**	. .	. .	**1200**	**1200**	**1020**	**1020**	**1015**	**710**	**710**	**710**	**710**	**405**	**405**

SAFEWORKING SYSTEM

Train Order Working is in force between Dunolly — Inglewood, Inglewood — Korong Vale, Korong Vale — Charlton, Charlton — Wycheproof, Wycheproof — Berriwillock, Berriwillock — Sea Lake and Sea Lake — Kulwin.

See Page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

DUNOLLY TO KULWIN (Cont'd)
DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne		Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)			
	Via Ballarat	Via Bendigo	No. 1	No. 2	No. 3	Sidings & Extensions
Dunolly	209.099	..	425	425	..	
Llanelly	229.875	..	..	..	..	
Inglewood	248.741	210.629	..	..	..	
Kurting	..	217.140	..	..	..	
Korong Vale	..	242.997	472	472	488	No.4-379 No.5-439
Wychitella	..	257.114	..	..	..	
Buckrabanyule	..	265.365	..	..	..	
Barrakee	..	270.734	..	..	..	
Charlton	..	279.489	341	391	261	221
Charlton G.E.B. Siding	..	279	..	..	..	
Teddywaddy	..	287.763	..	..	..	
Glenloth	..	294.523	..	..	..	
Wycheproof	..	306.025	543	543	281	No.4-261 No.5-221
Wycheproof G.E.B. Siding	..	308	..	..	..	
Dumosa	..	322.372	..	..	..	
Nullawil	..	333.145	..	..	..	
Warne	..	342.627	..	..	..	
Culgoa	..	349.278	..	..	..	
Berriwillock	..	363.117	233	119	..	
Boigbeat	..	373.780	..	..	..	
Sea Lake	..	383.163	290	194	..	
Ninda	..	392.133	..	..	..	
Nyarrin	..	402.310	..	..	..	
Nandaly	..	411.464	..	..	..	
Pier Millan	..	418.305	..	..	..	
Mittyack	..	429.268	..	..	..	
Kulwin	..	443.108	221	183	..	

To obtain distance from Melbourne (Via Ballarat) to locations on 'Down' side of Inglewood add 38 kilometres to distance shown via Bendigo.

Example: Boigbeat 374km from Melbourne via Bendigo, add 38km additional via Ballarat, Total 412km from Melbourne

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Dunolly 209.099	Broadway	210.316*	FL
Inglewood 210.629	Calder Highway T	211.483	FL
Kurting 217.140	Calder Highway T	224.958	FL
Charlton 279.489	Calder Highway T	280.050	FL
Teddywaddy 287.763	Calder Highway T	288.006	FL
Wycheproof 306.025	Birchip Road T	307.911	FL

FL — Flashing Lights. T — Equipped with telephone communication. * — Distance via Dunolly.

Effective: 4.2.90
Replaces:

EAGLEHAWK TO INGLEWOOD
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL km/h	C km/h	N km/h	S X 700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
Eaglehawk and Inglewood	Pass.	§§ 65	N/A N/A	§§ 65	§§ 65H	§§ 65	§§ 65	§§ 65	§§ 65	§§ 65	§§ . .	§§ . .	§§ . .
	Goods												

SPECIAL SPEED RESTRICTIONS

1. All classes of locomotives, except 'C', are permitted to cross the Mill Coy. Siding, Bridgewater at a maximum speed of 10 km/h.

LOCOMOTIVE RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X	A solo or multi with A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
EAGLEHAWK to:														
Marong				**1120**	**1120**	**950**	**950**	**915**	**710**	**710**	**710**	**710**	**510**	**510**
INGLEWOOD	**1750**			1830	1830	1625	1625	1625	1420	1420	1420	1420	1270	1270
UP														
INGLEWOOD to:														
Bridgewater				2135	2135	2135	2135	2135	1830	1830	1830	1830	1270	1270
Leichardt				1420	1420	1220	1220	1220	**815**	**815**	**815**	**815**	**610**	**610**
Marong				2135	2135	2135	2135	2135	1830	1830	1830	1830	1270	1270
EAGLEHAWK	**1750**			**1220**	**1220**	**1035**	**1035**	**1015**	865	865	865	865	**610**	**610**

SAFEWORKING SYSTEM

Train Order Working is in force between Eaglehawk — Bridgewater and Bridgewater — Inglewood.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne (Via Bendigo)	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)					
		No. 1	No. 2	No. 3	No. 4	No. 5	Sidings & Extensions
Eaglehawk	170.106	. .	. .	. .	. .	. .	
Marong	181.048	. .	. .	. .	. .	. .	
Leichardt	188.788	. .	. .	. .	. .	. .	
Bridgewater	203.451	530	530	212	430	Dead Inc Up End	
Inglewood	210.629	. .	. .	. .	. .	. .	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Eaglehawk 170.106	Hopkins Avenue	171.515	FL
Marong 181.048	Calder Highway T	179.937	FL
,,	Ravenswood—Marong Road T	180.930	FL
Bridgewater 203.451	Calder Highway T	195.797	FL
,,	Lyndhurst Street	203.683	FL

FL — Flashing Lights. T — Equipped with telephone communication.

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

KORONG VALE TO ROBINVALE
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Korong Vale and Boort	Pass.	§§ 65	N/A	§§ 65	§§ 65H	§§ 65	§§ 65	§§ 65	§§ 65	§§ 65	§§ . .	§§ . .	§§ . .
	Goods		N/A										
Boort and Manangatang	Pass.	§§ 55	N/A	§§ 55	§§ 55H	§§ 55	§§ 55	§§ 55	§§ 55	§§ 55	§§ . .	§§ . .	§§ . .
	Goods		N/A										
Manangatang and Robinvale	Pass.	§§ 30	N/A	§§ 40	§§ 40H	§§ 40	§§ 40	§§ 40	§§ 40	§§ 40	§§ . .	§§ . .	§§ . .
	Goods		N/A										

SPECIAL SPEED RESTRICTIONS

1. Passing over points at Manangatang, Bolton, Annuello and Bannerton all trains are restricted to 30 km/h.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X	A solo or multi with A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
KORONG VALE to:														
Boort (G.E.B. Siding)	. .	. .	. .	**1750**	**1750**	**1525**	**1525**	1525	. .	. .	. .	. .	. .	. .
Boort	. .	. .	. .	. .	. .	. .	. .	. .	1015	1015	1015	1015	815	815
Barraport	. .	. .	. .	2000	2000	1800	1800	1800	1220	1220	1220	1220	915	915
Gredgwin	. .	. .	. .	1800	1800	1530	1530	**1400**	**760**	**760**	**760**	**760**	**610**	**610**
Ultima	. .	. .	. .	2000	2000	1800	1800	1800	1420	1420	1420	1420	. .	. .
Manangatang	. .	. .	. .	2400	2400	. .	. .	. .	. .	. .	. .	. .	. .	. .
Annuello	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	1270	1270
ROBINVALE	. .	**3800**	. .	. .	3010	3010	2135	2135	2100	1625	1625	1625	1625	1065	1065

UP														
ROBINVALE to:														
Bannerton	. .	. .	. .	. .	. .	. .	. .	. .	. .	**1220**	**1220**	**1220**	**1220**	**815**	**815**
Manangatang	. .	**3000**	. .	. .	**1930**	**1930**	1930	1930	1930	. .	. .	. .	. .	. .	. .
Cocamba	. .	. .	. .	. .	2400	2400	2240	2240	2240	1625	1625	1625	1625	1270	1270
Chillingollah	. .	. .	. .	. .	2000	2000	. .	. .	. .	1420	1420	1420	1420	1065	1065
Cannie	. .	. .	. .	. .	. .	. .	**1800**	**1800**	**1800**	**1220**	**1220**	**1220**	**1220**	915	915
Quambatook	. .	. .	. .	. .	2400	2400	2100	2100	2100	2030	2030	2030	2030	1625	1625
Gredgwin	. .	. .	. .	. .	2000	2000	**1800**	**1800**	**1800**	1420	1420	1420	1420	1065	1065
Boort	. .	. .	. .	. .	2400	2400	2100	2100	2100	2030	2030	2030	2030	1625	1625
Boort (G.E.B. Siding)	. .	. .	. .	. .	2300	2300	2030	2030	2030	1525	1525	1525	1525	1065	1065
KORONG VALE	. .	3800	. .	. .	2400	2400	2135	2135	2135	1830	1830	1830	1830	1625	1625

SAFEWORKING SYSTEM

Train Order Working is in force between Korong Vale - Boort, Boort - Quambatook, Quambatook - Ultima and Ultima - Robinvale.

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

KORONG VALE TO ROBINVALE (Cont'd)
DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne (Via Bendigo)	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Korong Vale	242.997	472	472	488	..	No.4-379 No.5-439
Borung	251.201	..	..	..	..	
Boort G.E.B. Siding	270	..	..	..	..	
Boort	271.859	415	415	..	..	No.2 Dead-End 112
Barraport	285.045	..	..	..	..	
Gredgwin	291.042	..	..	..	..	
Oakvale	298.229	..	..	..	..	
Quambatook	307.229	518	349	..	..	
Cannie	319.782	..	..	..	..	
Lalbert	331.026	..	..	..	..	
Meatian	342.453	..	..	..	..	
Ultima	355.891	337	259	..	..	
Gowanford	364.934	..	..	..	..	
Waitchie	375.611	..	..	..	..	
Chillingolah	388.360	..	..	..	..	
Chinkapook	401.421	..	..	..	..	
Cocamba	410.675	..	..	..	..	
Manangatang	418.078	264	107	..	..	
Bolton	427.352	..	..	..	..	
Annuello	441.031	..	..	..	..	
Bannerton	459.036	..	..	..	..	
Robinvale	472.333	256	193	101	..	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Boort 271.859	Godfrey Street T	271.632	FL

FL — Flashing Lights. T — Equipped with telephone communication.

Effective: 4.2.90
Replaces:

OUYEN TO PINNAROO
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Ouyen and 488.500km (between Galah and Walpeup)	Pass.	§§	N/A	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§
	Goods	30	N/A	45	45H	45	45	45	45	45	. .	. .	. .
488.500km (between Galah and Walpeup) and Panitya	Pass.	§§	N/A	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§
	Goods	50	N/A	65	65H	65	65	65	65	65	. .	. .	. .
Panitya and Pinnaroo	Pass.	N/A	N/A	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§
	Goods	N/A	N/A	50	50H	50	50	50	50	50	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

1. Double headed trains between Vic./S.A. Border and Pinnaroo are restricted to 25km/h.
2. When four-wheeled vehicles are attached to the consist of Goods trains the speed must not exceed 50 km/h between 488.500 km (between Galah to Walpeup) and Panitya.
3. Goods trains between Vic./S.A. Border and Pinnaroo comprising all bogie goods vehicles loaded to a maximum of 55 tonnes gross (tare and nett) may be operated at goods train speed but not faster than 30km/h.

The speed of all trains when passing over Facing Points worked from an interlocking frame or otherwise security fastened, or over trailing points shall be as shown hereunder:

	Maximum Speed	
	When running to or from lines diverging from the straight track Km/h	When running on the straight track Km/h
Over facing points held by hand	25	25
At Galah, Walpeup, Torrita, Underbool, Linga, Tutye, Cowangie, Murrayville, Carina and Panitya	—	30

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
OUYEN to:														
Galah	. . .	. .	. .	. .	. .	1920	1920	1920	1220	1220	1220	1220	815	815
Walpeup	**2320**	. .	. .	. .	. .	**1050**	**1050**	**1050**	**660**	**660**	**660**	**660**	**510**	**510**
Torrita	. .	. .	. .	. .	. .	2230	2230	2230	830	830	830	830	1065	1065
Underbool	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	815	815
Linga	. .	. .	. .	. .	. .	1920	1920	1920	1220	1220	1220	1220	915	915
Tutye	. .	. .	. .	. .	. .	1110	1110	1110	710	710	710	710	530	530
Cowangie	. .	. .	. .	. .	. .	2230	2230	2230	2230	2230	2230	2230	1270	1270
Panitya	2950	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
PINNAROO		. .	. .	**1500**	**1500**	1200	1200	1200	865	865	865	865	710	710
UP														
PINNAROO to:														
Panitya		. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
Carina	. . .	. .	. .	. .	. .	1500	1500	1500	965	965	965	965	865	865
Murrayville	**2050**	. .	. .	. .	. .	2230	2230	2230	2030	2030	2030	2030	1120	1120
Cowangie	. .	. .	. .	. .	. .	1360	1360	1360	860	860	860	860	710	710
Tutye	. . .	. .	. .	. .	. .	1920	1920	1920	1220	1220	1220	1220	865	865
Underbool	2190	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
Walpeup	. . .	. .	. .	. .	. .	**1240**	**1240**	**1240**	**760**	**760**	**760**	**760**	**610**	**610**
OUYEN	2570	. .	. .	**1400**	**1400**	2200	2200	2200	1420	1420	1420	1420	1065	1065

SAFEWORKING SYSTEM

Train Staff and Ticket Working is in force between Ouyen — Cowangie and Cowangie — Pinnaroo.

See Page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

DISTANCES IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings
Ouyen	471.758	800	800	325	265	
Galah	486.341	..	..	..	..	
Walpeup	501.640	276	276	..	..	
Torrita	510.144	..	..	..	..	
Underbool	522.614	419	419	..	..	
Linga	532.054	..	..	..	..	
Tutye	552.573	..	..	..	..	
Cowangie	562.311	600	600	..	..	Gypsum Siding Extension 490
Murrayville	580.861	191	191	..	..	
Carina	589.171	..	..	..	..	
Panitya	599.079	..	..	..	..	
Vic./S.A. Border	601.511	..	..	..	..	
Pinnaroo	606.774	131	131	..	..	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres (Via Ballarat)	Type
Ouyen 471.758	Ouyen Highway T	474.479	FL
Linga 532.034	,, ,,	542.077	FL
Murrayville 580.861	,, ,,	555.321	FL
,,	,, ,,	582.180	FL
Panitya 599.079	,, ,,	601.899	FL

FL — Flashing Lights. 'T' — Equipped with telephone communication.

Effective: 4.2.90
Replaces:

MELBOURNE TO BENDIGO
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Spencer Street and North Melbourne Junction (All Pass. Lines)	Pass.	50	50	50	50	50	50	50	50	50	50	50	50
	Goods	25	25	25	25	25	25	25	25	25	. .	. .	. .
Franklin Street When Diverging From a Straight Track	Pass.	30	30	30	30	30	30	30	30	30	30	30	30
	Goods	25	25	25	25	25	25	25	25	25	. .	. .	. .
North Melbourne Junction and Footscray (Via Passenger Lines)	Pass.	65	65	65	65	65	65	65	65	65	65	65	65
	Goods	50	50	50	50	50	50	50	50	50	. .	. .	. .
Footscray and Sunshine (Via Passenger Lines)	Pass.	80	80	80	80	80	80	80	80	65	80	80	80
	Goods	65	65	65	65	65	65	65	65	65	. .	. .	. .
South Kensington and South Dynon Junction (Via Goods Lines)	Pass.	40A	40A	40A	40A	40A	40A	40A	40A	40A	40A	40A	40A
	Goods	40	40	40	40	40	40	40	40	40	. .	. .	. .
South Dynon Junction and West Footscray Junction (Via Goods Lines)	Pass.	65A	65A	65A	65A	65A	65A	65A	65A	65A	65A	65A	65A
	Goods	65	65	65	65	65	65	65	65	65	. .	. .	. .
Over Fixed Points at West Footscray Junction Until the whole Train Has Cleared the Points	All Trains	15	15	15	15	15	15	15	15	15	15	15	15
West Footscray Junction and Sunshine (Via Goods Lines)	Pass.	30A	30A	30A	30A	30A	30A	30A	30A	30A	30A	30A	30A
	Goods	15	15	15	15	15	15	15	15	15	. .	. .	. .
Sunshine and Albion	Pass.	65	65	80	80H	80	80	80	80	65	80	80	80
	Goods	65	65	65	65H	65	65	65	65	65	. .	. .	. .
Albion and St. Albans	Pass.	80	80	95	95H	95	95	95	95	65	95	80	95
	Goods Dn.	80	80	95	95H	95	95	95	95	65	. .	. .	. .
	Goods Up	65	65	65	65H	65	65	65	65	65	. .	. .	. .
St. Albans and Castlemaine (See Special Speed Restrictions)	Pass.	N/A	N/A	115	115H	115	115	100	100	65	95	80	95
	Goods	80	N/A	80	80H	80	80	80	80	65	. .	. .	. .
Except when passing over Forrest St. Bridge at 125.08km at Castlemaine	All Trains	15	N/A	65	65H	65	65	65	65	65	25	65	65
Castlemaine and Bendigo	Pass.	80	N/A	115	115H	115	115	100	100	65	95	80	95
	Goods	80	N/A	80	80H	80	80	80	80	65	. .	. .	. .
Except when passing over bridge at 148.570km (between Castlemaine and Kangaroo Flat)	Pass.	15	N/A	115	115H	115	115	100	100	65	95	80	95
	Goods	15	N/A	80	80H	80	80	80	80	65	. .	. .	. .
Except over passenger lines between Myrtle Street bridge at 161.574km and Bendigo 'C' Box.	All Trains	30	N/A	30	30H	30	30	30	30	30	30	30	30
Down goods train entering Bendigo Goods Yard at Bendigo 'A' Box	All Goods	25	N/A	25	25H	25	25	25	25	25	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

1. When four-wheeled vehicles area attached to the consist of Goods trains the speed must not exceed 50 km/h between Footscray and Albion (Via the Suburban Lines).
2. The speed of 'Up' Passenger trains must not exceed 95km/h between Taylors Road P.C.R. Crossing at 19.805km and St. Albans.
3. The speed of 'Up' goods trains must not exceed 65km/h between Sydenham and St. Albans.
4. G or BL class locomotives may be hauled dead by locomotives or on goods trains between St. Albans and Castlemaine providing that the fuel tanks are empty and subject to 15km/h speed restriction over bridges at 57.33km (Riddells Creek), 101.62km (Malmsbury Viaduct), 107.88km (Taradale Viaduct) and 125.08km (Forrest Street bridge, Castlemaine).

See Page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

The speed of all trains when passing over Facing Points worked from an interlocking frame or otherwise securely fastened to or from over trailing points shall be as shown hereunder:

	Maximum Speed	
	When running to or from lines diverging from the straight track Km/h	When running on the straight track Km/h
Over facing points held by hand	25	25
Between Footscray and Albion	40	80
Between Albion and St. Albans	40	95
Between St. Albans and Bendigo, except at Woodend, Castlemaine and Bendigo.	40	115
At Woodend	40	95
At Castlemaine and Bendigo	40	80

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
MELBOURNE YARD to:														
Sth. Kensington (Via Pass. Lines)	..	..	..	2135	..	1830	1830	1830	1420	1420	1420	1420	760	760
Sunshine (Via Pass. Lines)	..	..	..	1830	1830	1625	1625	1625	1220	1220	1220	1220	730	730
MELBOURNE YARD to:														
South Kensington (Via Goods Lines)	..	..	..	2135	2135	1830	1830	1830	..	..	..	..	915	915
Tottenham Yard	..	..	..	..	..	..	..	..	..	..	..	..	760	760
Sunshine (Via Goods Lines)	..	..	..	1830	1830	1625	1625	1625	1220	1220	1220	1220	865	865
Castlemaine	..	..	..	**1080**	**870**	**890**	**800**	..	..	..	..	..	..	..
BENDIGO	**1400**	..	..	1110	890	950	860	**760**	**620**	**560**	**560**	**500**	**365**	**330**
UP														
BENDIGO to:														
Castlemaine	**1700**	..	..	1240	1020	1020	910	830	720	650	650	580	400	360
Sunshine (Via Goods Lines)	..	..	..	**1090**	**915**	**890**	**800**	**760**	**640**	**580**	**580**	**520**	**350**	**310**
Tottenham Yard	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sth. Kensington (Via Goods Lines)	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MELBOURNE YARD	..	..	..	2135	2135	2135	2135	2135	1625	1625	1625	1625	1220	1220
Sunshine (Via Pass. Lines)	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sth. Kensington (Via Pass. Lines)	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MELBOURNE YARD	..	..	..	2135	2135	2135	2135	2135	1625	1625	1625	1625	1220	1220

Effective: 4.2.90
Replaces:

Three Position Signalling is in force on the down and up lines between No.1 Box, Spencer Street and Sunshine (Via Passenger Lines) and Melbourne Yard (Viaduct Junction) — South Kensington — South Dynon Junction — West Footscray Junction (via Goods Lines).

Traffic between West Footscray Junction and Sunshine (via Goods Lines) is operated under the special instructions contained in the General Appendix.

Double Line Block System Working is in force on the down and up lines between St. Albans — Sydenham, Sydenham — Diggers Rest, Diggers Rest — Sunbury, Sunbury — Clarkefield, Clarkefield — Riddells Creek, Riddells Creek — Gisborne, Gisborne — Macedon, Macedon — Woodend, Woodend — Kyneton, Kyneton — Castlemaine, Castlemaine — Bendigo 'A' Box and Bendigo 'A' Box — Bendigo 'B' Box.

The following locations are switched in as Block Posts:—

SYDENHAM	
Monday — Friday	From 05 45 until 13 30 and from 14 30 until the clearance of No. 8074 each day
Saturday	Switched out
Sunday	Switched out
DIGGERS REST	
Monday — Friday	From 06 05 until 13 30 and from 14 45 until the clearance of No. 8074 each day
Saturday	Switched out
Sunday	Switched out
SUNBURY	
Monday — Friday	From 04 45 until 23 00
Saturday	From 06 45 until the clearance of No. 8065.
Sunday	Switched out
CLARKEFIELD	
Monday — Friday	From 05 45 until 21 35
Saturday	Switched out
Sunday	Switched out
RIDDELLS CREEK	
Monday	From 05 50 until 11 00
Tuesday — Friday	From 05 50 until 14 15
Saturday	Switched out
Sunday	Switched out
MACEDON	
Monday — Friday	From 06 15 until the clearance of No. 8021
Saturday	Switched out
Sunday	Switched out
WOODEND	
Monday — Friday	From 13 00 until 21 00.
Saturday	Switched out
Sunday	Switched out
CASTLEMAINE	
Monday — Friday	From 08 45 Monday until 23 59 Friday
Saturday	From 18 00 until 21 00
Sunday	Swtched out
BENDIGO 'A' BOX	
Monday	From 00 01 until 08 00 and from 16 00 until 24 00
Tuesday — Thurday	From 16 00 until 08 00 the following day
Friday	From 00 01 until 08 00 and from 16 00 until 02 30 Saturday
Saturday	From 00 01 until 02 30
Sunday	From 23 10 until 24 00

Effective: 4.2.90
Replaces:

MELBOURNE TO BENDIGO (Cont'd)
DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Spencer Street	—					
North Melbourne	1.5					
South Kensington	3.5					
Footscray	5.5					
Middle Footscray	6.5					
West Footscray	7					
Tottenham Yard	9			1231		No. 6-1207, No. 7-1132, No. 8-1107
Tottenham	9.103					
Sunshine	12.254					A Siding — 345
Albion	13.650					
Ginifer	16.200					
St Albans	18.814					
Sydenham	23.896					
Diggers Rest	32.694					
Sunbury	38.011					Middle Tk—335
Rupertswood Platform	39.5					
Clarkefield	50.420					
Riddell's Creek	56.900					
Gisborne	64.212					Up Refuge—484
Macedon	69.786					
Woodend	78.085					
Kyneton	91.552					
Malmsbury	102.163					
Castlemaine	125.484	830	830			
Kangaroo Flat	157.358					
Golden Square	159.843					
Bendigo	162.242					

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Sunshine 12.254	Anderson Road T	13.258	BB
Ginifer 16.200	Furlong Road T	15.829	BB & PBB
,,	Station Foot Crossing (Up End)	16.098	PBB
St Albans 17.814	Main Road T	17.914	BB
,,	Taylor's Road T	19.805	BB
Sydenham 23.966	Melton Road T	24.026	BB
,,	Watsons Road T	34.098	FL
Diggers Rest 32.694	Calder Highway	32.813	BB
,, ,,	Calder Park Drive T	25.777	FL
Sunbury 38.279	Gap Road T	38.011	BB
Gisborne 64.212	Gisborne Road	64.267	HG
Macedon 69.786	Un-named Crossing	69.855	HG
Woodend 78.085	Tylden Road T	79.658	FL
Kyneton 91.552	Mollison Street	91.443	IG
,,	Lauriston Road T	95.545	FL
,,	Sutton Grange Road T	109.488	FL
,,	Old Calder Highway T	113.124	FL
Castlemaine 125.484	Parker Street T	126.276	BB
Bendigo 162.242	Oak Street T	159.040	FL

BB — Boom Barriers. FL — Flashing Lights. PBB — Pedestrian Boom Barriers. T — Equipped with telephone communication.
HG — Hand Gates. IG — Interlocked Gates.

Effective: 4.2.90
Replaces:

BENDIGO TO PIANGIL
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Bendigo and North Bendigo Junction	Pass.	65	N/A	80	80H	80	80	80	80	65	80	80	80
	Goods	65	N/A	65	65H	65	65	65	65	65	. .	. .	. .
North Bendigo Junction and Eaglehawk	Pass.	65	N/A	65	65H	65	65	65	65	65	65	65	65
	Goods	65	N/A	65	65H	65	65	65	65	65	. .	. .	. .
Eaglehawk and Kerang	Pass.	65	N/A	95	95H	95	95	95	95	65	95	80	95
	Goods	65	N/A	80	80H	80	80	80	80	65	. .	. .	. .
Kerang and Swan Hill	Pass.	65	N/A	90	90H	90	90	90	90	65	80	80	90
	Goods	65	N/A	80	80H	80	80	80	80	65	. .	. .	. .
Swan Hill and Swan Hill Wharf line	All Trains	N/A	N/A	15	15H	15	15	15	15	15	N/A	§§	§§
Swan Hill and Piangil	Pass.	§§	N/A	§§	§§	§§	§§	§§	§§	§§	N/A	§§	§§
	All Goods	65	N/A	65	65H	65	65	65	65	65	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

1.—When four-wheeled vehicles are attached to the consist of Goods Trains the speed must not exceed 50 km/h between Bendigo and Eaglehawk.

2.—Trains hauled by 'R' class locomotives must not exceed 30 km/h when passing over the bridge at 179.580 km (between Eaglehawk and Raywood).

The speed of all trains when passing over Facing Points worked from an interlocking frame or otherwise securely fastened, or over trailing points shall be as shown hereunder:

	Maximum Speed	
	When running to or from lines diverging from the straight track Km/h	When running on the straight track Km/h
Over facing points held by hand	25	25
Between North Bendigo Junction and Eaglehawk	40	65
Between Eaglehawk and Kerang	40	95
Between Kerang and Swan Hill	40	90

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
BENDIGO to:														
Eaglehawk	. .	. .	. .	**1420**	**1420**	**1205**	**1205**	**1015**	**760**	**760**	**760**	**760**	**510**	**510**
Raywood	. .	. .	. .	1625	1625	1420	1420	1420	1015	1015	1015	1015	610	610
Swan Hill	. .	. .	. .	1830	1830	1830	1830	1830	1420	1420	1420	1420	. .	. .
Woorinen	. .	. .	. .	. .	. .	. .	. .	. .	1625	1625	1625	1625	1270	1270
Pira	. .	. .	. .	. .	. .	. .	. .	. .	1015	1015	1015	1015	. .	. .
PIANGIL	**2150**	. .	. .	1660	1430	1430	1430	1430	1220	1220	1220	1220	815	815

UP														
PIANGIL to:														
Woorinen	. .	. .	. .	. .	. .	. .	. .	. .	1420	1420	1420	1420	915	915
Swan Hill	3800	. .	. .	3420	3195	3195	3195	3195	1625	1625	1625	1625	. .	. .
Kerang	. .	. .	. .	. .	. .	. .	. .	. .	1420	1420	1420	1420	. .	. .
Raywood	4000	. .	. .	2030	2030	2030	2030	2030	1830	1830	1830	1830	1270	1270
Eaglehawk	. .	. .	. .	**1220**	**1220**	**1035**	**1035**	**965**	**760**	**760**	**760**	**760**	. .	. .
BENDIGO	**1750**	. .	. .	1420	1420	1220	1220	1220	865	865	865	865	**610**	**610**

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

BENDIGO TO PIANGIL (Cont'd)
SAFEWORKING SYSTEMS

Staff and Ticket Working is in force between Bendigo (Williamson Street Signal 'C' Box) and North Bendigo Junction 'D' Box.

Train Order Working in force between North Bendigo Junction 'D' Box - Eaglehawk, Eaglehawk - Dingee, Dingee - Pyramid, Pyramid - Kerang, Kerang - Swan Hill and Swan Hill - Piangil.

Bendigo (Williamson Street Signal 'C' Box) and North Bendigo Junction 'D' Box are not manned on Monday to Friday as follows:—

Monday	From 10 25 until 14 00 From 22 00 until 24 00
Tuesday	From 00 01 until 01 50 From 10 25 until 14 00 From 22 00 until 24 00
Wednesday	From 00 01 until 02 25 From 10 25 until 14 00 From 22 00 until 24 00
Thursday	From 00 01 until 01 50 From 10 25 until 14 00 From 22 00 until 24 00
Friday	From 00 01 until 02 25 From 10 25 until 14 00

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Bendigo	162.242	..	..	..	..	
North Bendigo Junction	164.216	..	..	..	..	
California Gully Siding	167.995	..	..	..	..	
Eaglehawk	170.106	..	..	..	..	
Raywood	192.988	..	..	..	..	
Tandarra	204.410	..	..	..	..	
Dingee	211.337	593	593	..	..	
Prairie	219.228	..	..	..	..	
Mitiamo	229.094	..	..	..	..	
Pyramid	249.350	..	..	..	..	
Macorna	265.846	..	..	..	..	
Kerang	288.885	308	308	259	..	
Mystic Park	316.580	..	..	..	..	
Lake Boga	330.078	287	287	..	..	
Swan Hill	345.286	370	370	..	..	
Swan Milling Co. Siding	346	..	..	..	..	
Caltex Siding	346	..	..	..	..	
B.P. Siding	346	..	..	..	..	
Livestock Siding	348	..	..	..	..	
Woorinen	357.156	..	..	..	..	
Pira	366.350	..	..	..	..	
Nyah West	374.160	..	..	..	..	
Miralie	383.072	..	..	..	..	
Piangil	389.450	450	450	..	..	Silo Loop 320

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Bendigo 162.242	Williamson Steet	162.572	IG
,,	Munday Street	162.837	BB
North Bendigo Junction 164.216	Nolan Street	164.117	IG
,,	Napier Street T (Midland Highway)	164.700	FL
,,	Weeroona Avenue T	165.028	FL
,,	Thunder Street T	165.312	FL
Eaglehawk 170.106	Prowse's Road T	166.659	FL
,,	Holdsworth Road	167.478	FL
,,	Nelson Street	168.399	BB
,,	Victoria Street T	169.668	BB
,,	Hopkins Avenue	171.515	FL
,,	Marong Road T	173.152	FL
,,	Loddon Valley Highway T	173.461	FL
Pyramid 249.350	Victoria Street T	249.088	FL
Kerang 288.885	Murray Valley Highway T	285.313	FL
,,	Wellington Street T	288.634	FL
,,	Vaughan Street T	289.380	FL
,,	Victoria Street T	289.839	FL
,,	Murray Street T	290.475	FL
,,	Murray Valley Highway T	294.399	FL
Lake Boga 330.078	Murray Valley Highway T	336.566	FL
Swan Hill 345.286	Bryan Street T	343.949	FL
,,	Gray Street T	344.417	FL
,,	McCallum Street T	345.659	FL
,,	Murray Valley Highway T	347.221	FL

BB — Boom Barriers. FL — Flashing Lights. IG — Interlocked Gates. T — Equipped with telephone communication.

Effective: 4.2.90
Replaces:

BENDIGO TO DENILIQUIN
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL km/h	C km/h	N km/h	S X 700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
Bendigo and Rochester	Pass.	65	N/A	80	80H	80	80	80	80	65	80	80	80
	Goods	65	N/A	65	65H	65	65	65	65	65	. .	. .	. .
Rochester and Echuca	Pass.	50	N/A	80	80H	80	80	80	80	65	80	80	80
	Goods	50	N/A	65	65H	65	65	65	65	65	. .	. .	. .
Echuca and Deniliquin	Pass.	§§	N/A	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§
	Goods	55	N/A	55	55H	55	55	55	55	55	. .	. .	. .
Except over bridge at 303.902km (between Mathoura and Deniliquin)	Pass.	§§	N/A	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§
	Goods	25	N/A	40	40H	40	40	40	40	40	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

1. When four-wheeled vehicles are attached to the consist of Goods trains the speed must not exceed 50 km/h between Bendigo and Deniliquin.
2. All trains passing over facing points at Mathoura and Deniliquin are restricted to 30 km/h.

The speed of all trains when passing over Facing Points worked from an interlocking frame or otherwise securely fastened, or over trailing points shall be as shown hereunder:

	Maximum Speed	
	When running to or from lines diverging from the straight track Km/h	When running on the straight track Km/h
Over facing points held by hand	25	25
Between Bendigo and Echuca	40	80

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
BENDIGO to:														
Echuca	4180	. .	. .	4180	3800	4180	3420	3210	2780	2500	2330	2100	1680	1510
DENILIQUIN	**3240**	. .	. .	**2650**	**2370**	**2500**	**2250**	**2070**	**1900**	**1710**	**1700**	**1530**	**850**	**770**
UP														
DENILIQUIN to:														
Echuca	. .	. .	. .	. .	. .	. .	. .	. .	3140	2830	2930	2460	1940	1740
Goornong	4180	. .	. .	4180	4180	4180	3760	4180	3800	3800	3240	2920	2410	2170
BENDIGO	**2180**	. .	. .	**1830**	**1830**	**1620**	**1450**	**1270**	**1110**	**1000**	**1015**	**910**	**660**	**590**

See Page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

PUBLIC TRANSPORT CORPORATION
VICTORIA

O.1176/93

O.1176/93

DISTRIBUTION
Centrol - Transport House
South Dynon Locomotive Depot
All Stations & Depots

Emergency Management & Safeworking Unit
Level 13 Transport House
Phone 14392
15th October 1993

SPEED OF LOCOMOTIVES OR TRAINS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN ON VARIOUS LINES

Commencing forthwith and until further notice, the maximum speed of locomotives or trains and classes of locomotives allowed to run between Echuca and Deniliquin will be shown as shown hereunder:

LINE OR PORTION OF LINE BETWEEN	CLASS OF TRAIN	CLASS OF LOCOMOTIVE							
		DIESEL				SPRINTER	STEAM		
		C km/h	G BL km/h	N A X B S 700 GM 900 km/h	T P H km/h		R km/h	J K km/h	D3 km/h
Echuca and Deniliquin	Pass	N/A	§§	§§	§§	..	§§	§§	§§
	Goods	N/A	65	65	65	..	..	..	..
Except over bridge at 303.902 km (between Mathoura and Deniliquin)	Pass	N/A	§§	§§	§§	..	§§	§§	§§
	Goods	N/A	25	40	40	..	..	..	..

Amend page 60 of the Master Train Plan General Instructions

A. PALERMO
A/Superintendent Safeworking
per:-

BENDIGO TO DENILIQUIN (Cont'd)
SAFEWORKING SYSTEMS

Staff and Ticket Working is in force between Bendigo (Williamson Street Signal 'C' Box) and North Bendigo Junction 'D' Box.

Train Order Working is in force between North Bendigo Junction 'D' Box — Elmore, Elmore — Rochester, Rochester — Echuca, Echuca — Barnes and Barnes — Deniliquin.

Bendigo (Williamson Street Signal 'C' Box) and North Bendigo Junction 'D' Box are not manned on Monday to Friday as follows:—

Monday	From 10 25 until 14 00 From 22 00 until 24 00
Tuesday	From 00 01 until 01 50 From 10 25 until 14 00 From 22 00 until 24 00
Wednesday	From 00 01 until 01 50 From 10 25 until 14 00 From 22 00 until 24 00
Thursday	From 00 01 until 01 50 From 10 25 until 14 00 From 22 00 until 24 00
Friday	From 00 01 until 02 25 From 10 25 until 14 00

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne (Via Seymour)	Distance in Kilometres from Melbourne (Via Bendigo)	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
			No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Bendigo		162.242					
North Bendigo Junction		164.216					
Goornong		189.745					
Elmore		206.688	462	462	671		
Rochester		223.452	366	588	588		
Echuca	233.230	249.900	427	427	518		
Barnes	245.614	262.284					
Mathoura	272.118	288.788					
Deniliquin Sale Yards Siding	303	320					
Deniliquin	306.146	323.816					

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Bendigo 162.242	Williamson Street	162.572	IG
North Bendigo Junction 164.216	Nolan Street	164.117	IG
,,	Mundy Street	162.837	BB
,,	Powell Street T	165.483	FL
,,	Heinz Street T	167.386	FL
,,	Roper Street T	168.905	FL
,,	Howard Street T	169.811	FL
,,	Midland Highway T	179.874	FL
Elmore 206.688	Hunter Road T	206.876	FL
Rochester 223.452	Northern Highway T	223.657	FL
,,	Elizabeth Street T	223.574	FL
Echuca 249.990	Murray Valley Highway T	248.934	FL
,,	Pakenham Street T	250.334	FL
,,	Sturt Street	250.683	FL
,,	Shaw Street T	251.249	FL
,,	Francis Street T	252.231	FL
Barnes 262.284	Cobb Highway T	262.362	FL

BB — Boom Barriers. FL — Flashing Lights. IG — Interlocked Gates. T — Equipped with telephone communication.

Effective: 4.2.90
Replaces:

BARNES TO MOULAMEIN
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL km/h	C km/h	N km/h	S X 700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
Barnes and Moulamein	Pass.	§§ 55	N/A	§§ 55	§§ 55H	§§ 55	§§ 55	§§ 55	§§ 55	§§ 55	§§ . .	§§ . .	§§ . .
	Goods	55	N/A	55	55H	55	55	55	55	55	. .	. .	. .
Except over bridge at 371.01km (between Burraboi and Moulamein)	Pass.	§§ 25	N/A	§§ 40	§§ 40H	§§ 40	§§ 40	§§ 40	§§ 40	§§ 40	§§ . .	§§ . .	§§ . .
	Goods	25	N/A	40	40H	40	40	40	40	40	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

No Special Speed Restrictions apply.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
ECHUCA to: MOULAMEIN . .	**3340**	. .	. .	**2650**	**2370**	**2500**	**2250**	**2070**	**1900**	**1710**	**1700**	**1530**	**850**	**770**
UP														
MOULAMEIN to: ECHUCA . .	**4180**	. .	. .	**4180**	**4180**	**4180**	**3760**	**4180**	**3140**	**2830**	**2930**	**2460**	**1940**	**1740**

SAFEWORKING SYSTEM

Train Order Working is in force between Echuca — Barnes and Barnes — Moulamein.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Marked Distance in Kilometres from Melbourne (Via Seymour)	Distance in Kilometres from Melbourne (Via Bendigo)	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
			No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Echuca	233.230	249.900	427	427	518	. .	
Barnes	245.614	262.284	. .	. .	. .	. .	
Womboota	262.505	279.175	. .	. .	. .	. .	
Bunnaloo	278.700	295.370	287	287	. .	. .	
Caldwell	297.127	313.797	. .	. .	. .	. .	
Wakool	318.021	334.691	351	351	. .	. .	
Burraboi	329.065	345.735	. .	. .	. .	. .	
Moulamein	372.408	389.078	378	378	326	. .	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

No Flashing Light Signals and Boom Barriers apply.

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

MELBOURNE TO ALBURY (BROAD GAUGE)
(Via Essendon and Sunshine)
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Spencer Street and North Melbourne Junction (All Pass. Lines)	Pass.	50	50	50	50	50	50	50	50	50	50	50	50
	Goods	25	25	25	25	25	25	25	25	25	. .	. .	. .
Franklin Street When Diverging From a Straight Track	Pass.	30	30	30	30	30	30	30	30	30	30	30	30
	Goods	25	25	25	25	25	25	25	25	25	. .	. .	. .
North Melbourne Junction and Newmarket Junction	Pass.	N/A	N/A	50	50H	50	50	50	50	50	50	50	50
	Goods	N/A	N/A	30	30H	30	30	30	30	30	. .	. .	. .
Newmarket Junction and Essendon	Pass.	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
	Down	N/A	N/A	65	65H	65	65	65	65	65	65	65	65
	Up	N/A	N/A	80	80H	80	80	80	80	65	80	80	80
	Goods	N/A	N/A	50	50H	50	50	50	50	50	. .	. .	. .
Essendon Station (between Down and Up Home Signals 8 and 38 Respectively)	Pass.	N/A	N/A	55	55H	55	55	55	55	55	55	55	55
	Goods	N/A	N/A	40	40H	40	40	40	40	40	. .	. .	. .
Essendon and Strathmore	Pass.	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
	Down	N/A	N/A	80	80H	80	80	80	80	65	80	80	80
	Up	N/A	N/A	95	95H	95	95	95	95	65	95	80	95
	Goods	N/A	N/A	50	50H	50	50	50	50	50	. .	. .	. .
Strathmore and Pascoe Vale	Pass.	N/A	N/A	95	95H	95	95	95	95	65	95	80	95
	Goods	N/A	N/A	65	65H	65	65	65	65	65	. .	. .	. .
Pascoe Vale and Broadmeadows	Pass. Dn	N/A	N/A	95	95H	95	95	95	95	65	95	80	95
	Up	N/A	N/A	80	80H	80	80	80	80	65	80	80	80
	Down	N/A	N/A	65	65H	65	65	65	65	65	. .	. .	. .
	Goods Up	N/A	N/A	40	40H	40	40	40	40	40	. .	. .	. .
North Melbourne Junction and Footscray (Via Passenger Lines)	Pass.	65	65	65	65	65	65	65	65	65	65	65	65
	Goods	50	50	50	50	50	50	50	50	50	. .	. .	. .
Footscray and Sunshine (Via Passenger Lines)	Pass.	80	80	80	80	80	80	80	80	65	80	80	80
	Goods	65	65	65	65	65	65	65	65	65	. .	. .	. .
South Kensington and South Dynon Junction (Via Goods Lines)	Pass.	40A	40A	40A	40A	40A	40A	40A	40A	40A	40A	40A	40A
	Goods	40	40	40	40	40	40	40	40	40	. .	. .	. .
South Dynon Junction and West Footscray Junction (Via Goods Lines)	Pass.	65A	65A	65A	65A	65A	65A	65A	65A	65A	65A	65A	65A
	Goods	65	65	65	65	65	65	65	65	65	. .	. .	. .
Over Fixed Points at West Footscray Junction Until the whole Train Has Cleared the Points	All Trains	15	15	15	15	15	15	15	15	15	15	15	15
West Footscray Junction and Sunshine (Via Goods Lines)	Pass.	30A	30A	30A	30A	30A	30A	30A	30A	30A	30A	30A	30A
	Goods	15	15	15	15	15	15	15	15	15	. .	. .	. .
Sunshine and Albion	Pass.	65	65	80	80H	80	80	80	80	65	80	80	80
	Goods	65	65	65	65H	65	65	65	65	65	. .	. .	. .
Albion and Broadmeadows	Pass.	80	80	95	95H	95	95	95	95	65	80	80	95
	Goods	80	80	80	80H	80	80	80	80	65	. .	. .	. .

See page 7 for explanation of letters and symbols.

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
WODONGA 300.785	Melrose Drive T	299.004	B.B Vic & SG

O.2320/92

Effective: 4.2.90
Replaces:

L.63

0.3208/92

PUBLIC TRANSPORT CORPORATION
VICTORIA

0.3208/9

DISTRIBUTION:-

Control - Transport House.
South Dynon Loco Depot.

Office of Superintendent Safeworkin
Level 3, Transport House,
'Phone: 14392
31st August, 1992

SPEED OF LOCOMOTIVES OR TRAINS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN ON VARIOUS LINES
WODONGA AND WODONGA LIVESTOCK SIDING

Commencing forthwith and until further notice, the maximum speed of locomotives or trains and classes of locomotives allowed to run between Wodonga and Wodonga Livestock Siding will be as shown hereunder:-

Line or Portion of Line Between	Class of Train	Class of Locomotive											
		Diesel									Steam		
		G BL km/h	C km/h	N km/h	S X 700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
Wodonga and Wodonga Livestock Siding	Pass Goods	N/A N/A	N/A N/A	$$ 15	$$ 15H	$$ 15	$$ 15	$$ 15	$$ 15	$$ 15	$$ --	$$ --	$$ --

MASTER TRAIN PLAN GENERAL INSTRUCTIONS

Insert a reference on Page 63 accordingly

M. DIGGLE,
Superintendent Safeworking.

Per:-

LS3

PUBLIC TRANSPORT CORPORATION
VICTORIA

0.3209/92 0.3209/92

DISTRIBUTION:-
Central - Transport House,
South Dynon Loco Depot,
Seymour - Wodonga - Shepparton.

Office of Superintendent Safeworking
Level 3, Transport House,
'Phone: 14392
31st August, 1992

SPEED OF LOCOMOTIVES OR TRAINS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN ON VARIOUS LINES BROADMEADOWS AND WODONGA

Commencing forthwith and until further notice, the maximum speed of locomotives or trains and classes of locomotives allowed to run between Broadmeadows and Wodonga will be as shown hereunder:-

Line or Portion of Line Between	Class of Train	Class of Locomotive											
		Diesel									Steam		
		G BL km/h	C km/h	N km/h	S X 700 km/h	A km/h	8 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
Broadmeadows and Kilmore East Apex Quarry Junc. See Note 7	Pass	80	80	115	115H	115	115	100	100	65	100	80	95
	S/Frt	80	80	90	90H	90	90	90	90	65	--	--	--
	Goods	80	80	80	80H	80	80	80	80	65	--	--	--
Except for local restrictions while passing over bridges between:													
Beveridge and Wallan at 44.06 and 45.09km	Pass	40	40	115	115H	115	115	100	100	65	100	80	95
	S/Frt	40	40	90	90H	90	90	90	90	65	--	--	--
	Goods	40	40	80	80H	80	80	80	80	65	--	--	--
Donnybrook and Beveridge at 36.66km and Kilmore East Apex Quarry Junction at 65.07km	Pass	30	30	115	115H	115	115	100	100	65	100	80	95
	S/Frt	30	30	90	90H	90	90	90	90	65	--	--	--
	Goods	30	30	80	80H	80	80	80	80	65	--	--	--
Kilmore East Apex Quarry Junction and Quarry	Pass	$$	$$	$$	$$	$$	$$	$$	$$	$$	$$	$$	$$
	Goods	15	15	15	15H	15	15	15	15	15	--	--	--
Kilmore East Apex Quarry Junction and Wodonga	Pass	80	N/A	115	115H	115	115	100	100	65	100	80	95
	S/Frt	80	N/A	90	90H	90	90	90	90	65	--	--	--
	Goods	80	N/A	80	80H	80	80	80	80	65	--	--	--

(CONTINUED ON SECOND PAGE)

MASTER TRAIN PLAN GENERAL INSTRUCTIONS

Insert a reference on Page 63 accordingly

M. DIGGLE,
Superintendent Safeworking.

Per:-

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL km/h	C km/h	N km/h	S X 700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
Broadmeadows and Kilmore East Apex Quarry Junction	Pass.	80	80	115	115H	115	115	100	100	65	100	80	95
	Goods	80	80	80	80H	80	80	80	80	65	..	..	..
Except for local restrictions while passing over bridges between: Beveridge and Wallan at 44.06km and 45.09km	Pass.	40	40	115	115H	115	115	100	100	65	100	80	95
	Goods	40	40	80	80H	80	80	80	80	65	..	..	..
Between Donnybrook and Beveridge at 36.66km and Kilmore East Apex Quarry Junction at 64.07km	Pass.	30	30	115	115H	115	115	100	100	65	100	80	95
	Goods	30	30	80	80H	80	80	80	80	65	..	..	..
Kilmore East Apex Quarry Junction and Quarry	Pass.	§§ 15	§§ 15	§§ 15	§§ 15H	§§ 15	§§ 15	§§ 15	§§ 15	§§ 15	§§ ..	§§ ..	§§ ..
Kilmore East Apex Quarry Junction and Wodonga	Pass.	65	N/A	115	115H	115	115	100	100	65	100	80	95
	Goods	65	N/A	80	80H	80	80	80	80	65	..	..	..
Wodonga and Albury	Pass.	65	N/A	80	80H	80	80	80	80	65	80	80	80
	Goods	65	N/A	80	80H	80	80	80	80	65	..	..	..

See Amendment C.2088/92

SPECIAL SPEED RESTRICTIONS

1. When four-wheeled vehicles are attached to the consist of Goods trains the speed must not exceed 50 km/h between Footscray and Albion. (Via Suburban lines).
2. At Dysart all down trains passing over points from double to single line at 95.5km are restricted to 65km/h.
3. See below — At Seymour all trains entering or passing through back (No. 1) platform road are restricted to ~~25km/h.~~ 40 Km/h. 10.6.92.
4. At Seymour tracks No. 3-7 inclusive and all diverging movements to or from 3-7 tracks at the up end are restricted to 15km/h.
5. All trains hauled by 'G' or 'BL' class locomotives must not exceed 30 km/h when passing over the Broken River bridge at 194.94 km between Violet Town and Benalla and the Ovens River bridge at 234.60 km between Wangaratta and Springhurst. Special speed boards are provided.
6. Additional restriction applies between the South Bank of the main stream of the Murray River and the Albury end of the Murray River viaduct, all trains hauled by two or more locomotives or two or more light locomotives are restricted to a maximum speed of 30 km/h.

The speed of all trains when passing over Facing Points worked from an interlocking frame or otherwise securely fastened, or over trailing points shall be as shown hereunder:

	Maximum Speed	
	When running to or from lines diverging from the straight track Km/h	When running on the straight track Km/h
Over facing points held by hand	25	25
Between Essendon and Broadmeadows	40	95
Between Somerton and Wodonga, except at Euroa and Wangaratta	40	115
At Euroa and Wangaratta	40	95

See page 7 for explanation of letters and symbols.

SPEED OF LOCOMOTIVES OR TRAINS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN ON VARIOUS LINES KILMORE EAST APEX QUARRY JUNCTION AND WODONGA (BROAD GAUGE)

Commencing forthwith and until further notice, the maximum speed of locomotives or trains and classes of locomotives allowed to run between Kilmore East Apex Quarry Junction and Wodonga (Broad Gauge) will be as shown hereunder:

Line or Portion of Line between	Class of Train	Class of Locomotive											
		Diesel									Steam		
		G BL km/h	C km/h	N km/h	S, X 700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
Kilmore East Apex Quarry Junction and Wodonga	Pass	80	N/A	115	115H	115	115	100	100	65	100	80	95
	Goods	80	N/A	80	80H	80	80	80	80	65	—	—	—

MASTE

Amend

3. At Seymour all trains travelling via the back (No. 1) platform are restricted to 40km/hr between the Anzac Avenue Bridge (98.45km) and 99.10km (down end of curve). /92

3. At Seymour all trains travelling via the front (No. 2) platform are restricted to 40km/hr between the down end of the platform (98.86km) and 99.10km (down end of curve).

ective: 4.2.90
places:

MELBOURNE TO ALBURY (Broad Gauge) (Cont'd)
(Via Essendon and Sunshine)
RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
MELBOURNE YARD to:														
Sth. Kensington (Via Pass. Lines)	..	..	..	..	..	..	..	..	1420	1420	1420	1420	760	760
Sth. Kensington (Via Goods Lines)	..	2600	2600	2135	2135	1830	1830	1830	..	..	..	..	915	915
Tottenham Yard	3200	2530	2530	..	..	..	..	..	..	..	..	..	760	760
Albion	..	2100	2100	1830	1830	1625	1625	1625	1220	1220	1220	1220	865	865
Broadmeadows	1650	1430	1290	1190	1070	1130	1020	870	750	670	750	670	410	370
MELBOURNE YARD to:														
Kensington	..	..	..	1525	1525	1420	1420	1420	1015	1015	1015	1015	400	400
Broadmeadows	..	..	..	**970**	**865**	**910**	**820**	**760**	**455**	**405**	**455**	**405**	**350**	**320**
Somerton	..	..	..	1460	1130	1260	1130	920	800	720	680	610	370	330
Donnybrook	2040	1850	1670	1610	1480	1540	1390	1290	980	880	900	810	510	460
Wallan	1850	1490	1340	1220	960	1020	920	..	660	**590**	590	530	..	..
Kilmore East	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Apex Quarry Siding	1690	**1390**	**1250**	**1150**	**920**	**970**	**870**	**815**	**640**	640	**580**	**520**	**360**	**320**
Broadford	1960			1680	1580	1630	1470	1420	1400	1260	1400	1260	1090	980
Seymour	**1600**	..	..	1210	1100	1150	1040	900	650	**590**	650	590	360	**320**
Avenel	2370	..	..	1730	1380	1430	1290	1140	860	770	860	770	550	500
Eurora	3470	..	..	3000	2330	2560	2300	1920	1350	1210	1350	1210	690	620
Violet Town	4450	..	..	3340	3070	3190	2870	2560	1720	1550	1720	1550	1230	1110
Benalla	4940	..	..	4290	3730	3990	3590	3020	2100	1890	2100	1890	1160	1040
Glenrowan	1730	..	..	1360	1270	1280	1150	1120	760	680	760	680	520	470
Wangaratta	2050	..	..	1620	1540	1620	1460	1460	1190	1070	1190	1070	1010	910
Springhurst	2270	..	..	1670	1360	1420	1270	1120	870	780	870	780	470	420
Barnawartha	3050	..	..	2290	1780	1920	1730	1460	1010	910	1010	910	560	500
Wodonga	2930	..	..	2170	1890	1950	1760	..	950	860	950	860	570	510
ALBURY	3270	..	..	2680	2170	2400	2160	1680	970	870	970	870	750	680
UP														
ALBURY to:														
Wodonga	2490	..	..	1440	1270	1270	1140	1120	770	690	770	690	580	520
Barnawartha	3370	..	..	2150	2010	2060	1850	1720	1220	1110	1220	1110	690	620
Springhurst	2260	..	..	1670	1360	1390	1250	1130	880	790	880	790	550	500
Wangaratta	3300	..	..	2620	2240	2450	2200	1490	820	740	820	740	530	480
Glenrowan	1680	..	..	1320	1270	1240	1120	..	760	680	760	680	540	490
Benalla	2090	..	..	1730	1590	1650	1490	1120	1260	1130	1260	1130	1020	920
Violet Town	..	..	..	4180	3790	4050	3650	3110	2200	1980	2200	1980	1350	1220
Euroa	4940	..	..	4060	3730	3930	3540	3160	1390	1250	1390	1250	1020	920
Avenel	3540	..	..	3980	2710	3030	2730	2130	1370	1230	1370	1230	740	670
Seymour	3410	..	..	2460	2010	2030	1830	1670	1290	1160	1290	1160	820	740
Broadford (See footnote a & c below)	1570c	..	..	**1015a**	**1015**	**915a**	**915a**	..	**530a**	**480**	**530a**	**480**	**355**	355
Apex Quarry Sdg. (See f-note a & c below)	..			..	..	..	..	..	..	..	..	..	..	..
Kilmore East (See footnote a,b & c below)	1570bc	..	..	1380a	..	1400a	1260	..	..	..	540a	490	370	330
Wallan (See footnote b & c below)	**1490bc**	**1290**	**1160**	1330	**1015**	1100	990	**915**	620	560	580b	520b	360	**320**
Donnybrook	..	..	..	..	..	..	..	4180	..	..	2000	1800	1090	980
Somerton	..	..	..	..	..	..	..	3420	..	..	2440	2200	1850	1670
Broadmeadows	4180	4180	4180	4180	4180	4180	4180	4180	3760	3380	3760	3380	1880	1690
Kensington	..	..	..	2500	1640	1780	1600	1210	760	680	760	680	400	360
MELBOURNE YARD	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Albion	3190	2320	2090	2190	1860	1960	1760	1550	1340	1340	1320	1120	780	700
Tottenham Yard	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sth. Kensington (Via Pass. Lines)	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sth. Kensington (Via Goods Lines)	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MELBOURNE YARD	3170	3200	3200	2135	2135	2135	2135	2135	1625	1625	1625	1625	1220	1220

Notes:—

(a) The following Through Loads are permitted conditional on no stop at Broadford Up Home Signal or Kilmore East Up Home Signal:

'A' Class 980 tonnes, 'N' Class 1150 tonnes and 'H' or 'T' Class 590 tonnes. No overload permitted.

(b) Apex Quarry Block Train of up to 1650 tonnes may be hauled by 'G', 'X' & 'T', or 'S' & 'T' class locomotives, provided that it is not held at Kilmore East Up Home Arrival Signal.

(c) Grain trains hauled by a single 'G' or 'BL' class locomotive may be permitted 1570 tonnes (bogie grain wagons) and grain trains hauled by two (2) 'G' or 'BL' class locomotives may be permitted 3200 tonnes (42 bogie grain wagons) provided that it is non stop Broadford Up Home Signal post No. 18 and Kilmore East Up Home Signal post Nos. 13 and 10.

Effective: 4.2.90
Replaces:

Three position signalling is in force on the Up and Down lines between No. 1 Box Spencer Street and Broadmeadows and No. 1 Box Spencer Street to Albion (via Passenger Lines) and Melbourne Yard (Viaduct Junction) — South Kensington — South Dynon Junction — West Footscray Junction (via Goods Lines).

Traffic between West Footscray Junction and Sunshine (via Goods Lines) is operated under the special instructions contained in the General Appendix.

The points and signals on the Broad Gauge line between Albion and Broadmeadows are operated from the C.T.C. Panel at Transport House.

Double Line Block System Working is in force on the Up and Down lines between Broadmeadows — Somerton, Somerton — Donnybrook, Donnybrook — Wallan, Wallan — Kilmore East, Kilmore East — Broadford and Broadford — Seymour.

Electric Staff Working is in force between Seymour — Avenel, Avenel — Euroa, Euroa — Violet Town, Violet Town — Benalla 'A' Box, Benalla 'A' Box — Benalla 'B' Box, Benalla 'B' Box ~~— Glenrowan, Glenrowan~~ — Wangaratta, Wangaratta — Springhurst, Springhurst — Barnawartha and Barnawartha — Wodonga. BENALLA B BOX — WANGARATTA

Lever Locking and Track Control System is in operation between Wodonga 'A' Box — Coal Sidings Signal Box and Coal Sidings Signal Box — Albury South Signal Box.

The following locations are switched in as Block Posts:—

KENSINGTON

Monday	From 04 55 until 24 00
Tuesday — Friday	Always
Saturday	Always
Sunday	From 00 01 until 00 20 and from 08 00 until 23 00

ESSENDON

Monday — Friday	From 08 00 until 08 30 and from 17 00 until 18 00
Saturday	Switched Out
Sunday	Switched Out

Note: Arrangements can be made for Essendon to be switched in at other times as required.

BROADMEADOWS

Monday — Friday	Always
Saturday	Always
Sunday	From 00 01 until 00 45 and from 07 25 until 24 00

SOMERTON

Monday	From 05 15 until 20 30
Tuesday — Friday	From 04 20 until 20 30
Saturday	Switched Out
Sunday	Switched Out

DONNYBROOK

Monday — Friday	From 15 45 until 00 01
Saturday	Switched Out
Sunday	Switched Out

WALLAN

Monday	From 05 30 until 24 00
Tuesday — Friday	Always
Saturday	From 24 00 until clearance No. 9365 and from 16 15 until clearance of No. 8336
Sunday	Switched Out

KILMORE EAST

Monday	00 01 until clearance of Nos. 9308/9210/9342 and from 05 15 until 24 00
Tuesday — Friday	Always
Saturday	From 00 01 until clearance of No. 9308 and from 06 50 until clearance of No. 9318 then from 18 00 until the clearance of No. 8337
Sunday	From 17 15 until 24 00

BROADFORD

Monday	From 05 30 until 24 00
Tuesday — Friday	Always
Saturday	From 24 00 until clearance of No. 9380
Sunday	Switched Out

~~**GLENROWAN**~~

~~Wednesday only for the passage of No. 8305 and 8318. Other days switched out.~~

BARNAWARTHA

Switched in as an Electric Staff Station as arranged by Centrol, who before doing so, must arrange for the Driver, Second Person or Trainee Driver of each train to be advised. The Signalman at the Electric Staff Station where the train crews are advised must make an entry to that effect in the Train Register Book.

WODONGA COAL SIDINGS

Monday — Friday	From 04 00 until 20 00
Saturday	From 04 00 until the clearance of Light Locomotive off No. 9360
Sunday	Switched Out

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
WODONGA 300.785	Melrose Drive T	299.004	B.B Vic & SG

MINIATURE STAFF AUTOMATIC EXCHANGING APPARATUS

Miniature Staff Automatic Exchanging Apparatus is in use at Staff Stations between Avenel and Barnawartha as set out hereunder for the purpose of exchanging staffs carried by non-stop Passenger and Goods trains.

The position of the Exchanging Apparatus is as set out hereunder:—

DOWN	Position of Exchanging Apparatus	Track or Line on which Exchange will be Effected
Avenel	7 metres Up side of Signal-box	No. 2 Track
Euroa	18 metres Down side of Signal-box	,,
Violet Town	69 metres Up side of Signal-box	,,
Benalla	119 metres Down side of Up end of Platform	,,
Glenrowan	9 metres Down side of Signal-box	,,
Wangaratta	5 metres Up side of Signal-box	,,
Springhurst	25 metres Up side of Signal-box	,,
Barnawartha	11 metres Up side of Signal-box	No. 1 Track
UP		
Barnawartha	11 metres Up side of Signal-box	No. 1 Track
Springhurst	27 metres Down side of Signal-box	No. 2 Track
Wangaratta	5 metres Up side of Signal-box	,,
Glenrowan	37 metres Up side of Signal-box	,,
Benalla	80 metres Up side of Down end of Platform	,,
Violet Town	47 metres Down side of Signal-box	,,
Euroa	18 metres Down side of Signal-box	,,
Avenel	4 metres Up side of Signal-box	,,

Effective: 4.2.90
Replaces:

MELBOURNE TO ALBURY (BROAD GAUGE) (Cont'd)
DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne (Via Essendon)	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)					
		No. 1	No. 2	No. 3	Down Refuge	Up Refuge	Siding
Spencer Street	—	..	..	..	..	..	
North Melbourne	1.175	..	..	..	..	..	
Kensington	3.575	..	..	..	..	..	
Newmarket	4.301	..	..	..	..	..	
Ascot Vale	5.811	..	..	..	..	..	
Moonee Ponds	6.887	..	..	..	..	..	
Essendon	8.007	163	163	163	..	..	
Glenbervie	9.130	..	..	..	..	..	
Strathmore	9.790	..	..	..	..	..	
Pascoe Vale	11.271	..	..	..	..	..	
Oak Park	12.825	..	..	..	..	..	
Glenroy	14.400	..	..	..	..	..	
Jacana	15.430	..	..	..	..	..	
Broadmeadows	16.848	..	..	..	503	..	
Dynon	3*	..	..	..	..	..	
South Dynon	3*	..	..	..	..	..	
South Dynon Junction	4*	..	..	..	..	..	
West Footscray Junction	7*	..	..	..	..	..	
Tottenham Yard	10*	..	..	1231	..	..	No.6-1207, No.7-1132, Siding B - 345
Sunshine	13*	..	..	..	..	..	
Albion	14*	..	..	..	..	..	
Broadmeadows	28*	..	..	..	..	..	
Somerton	21.768	..	..	..	..	..	Siding A - 449
Craigieburn	26.098	..	..	..	..	..	
Donnybrook	33.213	..	..	..	..	..	
Beveridge	41.730	..	..	..	..	..	
Wallan	47.488	..	..	..	..	..	
Heathcote Junction	53.450	..	..	..	..	..	
Wandong	55.291	..	..	..	..	..	
Kilmore East	63.485	..	..	..	378	..	
Apex Quarry Siding	66	..	..	..	..	..	
Broadford	75.168	..	..	..	..	573	
Tallarook	90.208	..	..	..	..	..	
Dysart	95.414	..	..	..	..	..	
Seymour	98.699	625	625	471	..	..	
Avenel	115.967	287	287	201	..	..	
Euroa	151.030	469	430	328	..	..	
Balmattum	158.912	..	..	..	..	..	
Violet Town	169.330	814	814	..	..	..	
Benalla	195.250	457	457	..	..	..	
~~Glenrowan~~	~~218.781~~	~~640~~	~~640~~	..	..	..	~~Siding - 216~~
Grain Elevator Board Siding	232.5	..	..	..	..	..	
Wangaratta	233.998	347	128	..	..	..	
Springhurst	257.550	305	305	..	..	..	
Chiltern	271.322	..	..	..	..	..	
Barnawartha	280.157		442	232	..	..	
Wodonga	300.785	259	259	229	..	..	
Wodonga Coal Sidings	302.154	..	..	..	..	..	
Caltex Siding	305	..	..	..	..	..	
Albury (N.S.W.)	307	293	293	..	..	..	Goods Loop - 316

*—Distance via Albion.

Effective: 4.2.90
Replaces:

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Kensington 3.575	Macaulay Road	3.500	BB
Moonee Ponds 6.887	Puckle Street	6.808	BB
,, ,,	Park Street T	7.390	BB
Essendon 8.007	Buckley Street	7.940	BB
Pascoe Vale 11.271	Gaffney Street T	11.338	BB
Oak Park 12.875	Devon Road T	12.438	BB
Glenroy 14.400	Glenroy Road T	14.208	BB
Broadmeadows 16.848	Smeaton Avenue T	18.400	PBB Vic. & SG
,,	Alumurta Avenue T	19.650	PBB Vic. & SG
Sunshine 12.254 (Via Albion)	Anderson Road T	13.258	BB Vic. & SG
Somerton 21.768	Somerton Road T	21.697	BB Vic. & SG
Donnybrook 33.213	Yan Yean Road	33.125	FL Vic. & SG
Beveridge 41.730	Whittlesea Road T	41.413	FL Vic. & SG
Wallan 47.488	Barber's Lane	47.244	BB Vic. & SG
,,	Boundary Road	48.437	FL Vic. & SG
,,	Wallan — Broadford Road T	50.653	BB Vic. & SG
Heathcote Junction 53.450	Escrites Road T	53.618	FL Vic. & SG
Seymour 98.699	Station Entrance	98.572	BB Vic & SG
,,	High Street T	99.772	BB Vic & SG
Avenel 115.967	O'Connor's Road	109.657	FL Vic. & SG
,,	Ewings Road	115.634	FL Vic. & SG
,,	Bank Street	116.126	FL Vic. & SG
Euroa 151.030	Nagambie Road	127.376	FL Vic. & SG
,,	Down Street	136.541	FL Vic. & SG
,,	Creighton Road T	143.246	FL Vic. & SG
,,	Arcadia Road/Birkett Street	150.286	FL Vic. & SG
Balmattum 158.912	Balmattum Road T	158.719	FL Vic. & SG
Violet Town 169.330	Dookie Road T	168.314	FL Vic. & SG
,, ,,	Cowslip Street	169.496	BB Vic. & SG
Benalla 195.250	Tarnook Road	183.043	FL Vic. & SG
,,	Cemetery Road T	191.908	FL Vic. & SG
,,	Failthful Street	193.320	FL Vic. & SG
,,	Arundel Street T	194.340	FL Vic. & SG
,,	Nunn Street/Midland Highway	195.029	FL Vic. & SG
,,	Witt Street T	196.826	FL Vic. & SG
,,	Yarrawonga Road T	200.614	FL Vic. & SG
Glenrowan 218.781	Old Hume Highway T	214.913	FL Vic. & SG
Wangaratta 233.998	Taminick Road T	225.640	FL
,,	Shanley Street T	230.352	FL
,,	Gravel Pitts Road T	229.073	FL
,,	Sandford Road T	231.132	FL Vic. & SG
,,	Sisely Avenue T	233.087	BB Vic. & SG
,,	Boorhaman Road T	238.492	FL Vic. & SG
,,	Three Chain Road	240.177	FL Vic. & SG
Springhurst 257.550	Rutherglen Road T	256.287	FL Vic. & SG
,,	Cannings Crossing T	258.433	FL
Chiltern 271.322	Racecourse Road T	269.261	FL Vic. & SG
,,	Beechworth Road	270.920	FL Vic. & SG
Barnawartha 280.157	Havelock Street	279.098	FL Vic. & SG
,,	Old Hume Highway	280.680	FL Vic. & SG
Wodonga 300.785	Cochranes Road T	294.873	FL Vic. & SG
,,	Melrose Drive T	299.004	FL
,,	Kelly Street T	299.632	FL Vic. & SG
,,	Hume Highway T	300.951	BB Vic. & SG
,,	Hovell Street T	301.193	BB Vic. & SG
Wodonga Coal Sidings 302.154	Osburn Street T	301.611	BB Vic. & SG
Albury	Olive Street	**647.511	BB Vic. & SG

FL—Flashing Lights. BB—Boom Barriers. T—Crossing equipped with telephone communication. Vic.—Victorian Broad Gauge. SG— Standard Gauge. PBB—Pedestrian Boom Barriers. **—S.R.A. Distance.

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Wangaratta	Summers Road	247.303	FL.VIC + S.G.

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Springhurst	Cemetery Road (McMahons Road)	254.655	FL

Effective: 4.2.90
Replaces:

SOMERTON TO BLUE CIRCLE SIDING (SOMERTON)
SOMERTON TO FORDS SIDING (UPFIELD)
(BROAD GAUGE)

LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Somerton and Blue Circle Siding (Somerton)	Pass.	§§ 15	N/A	§§ 15	§§ 15H	§§ 15	§§ 15	§§ 15	§§ 15	§§ 15	§§ . .	§§ . .	§§ . .
	Goods	15	N/A	15	15H	15	15	15	15	15	. .	. .	. .
Somerton and Ford's Siding (Upfield)	Pass.	§§ 40	N/A	§§ 40	§§ 40H	§§ 40	§§ 40	§§ 40	§§ 40	§§ 40	§§ . .	§§ . .	§§ . .
	Goods	40	N/A	40	40H	40	40	40	40	40	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

No Special Speed Restrictions apply.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
SOMERTON to: BLUE CIRCLE SIDING (SOMERTON) . .	**2720**	. .	. .	**1960**	**1560**	**1730**	**1560**	**1200**	**1060**	**950**	**930**	**840**	**760**	**680**
SOMERTON to: FORD'S SIDING (UPFIELD) . .	**4180**	. .	. .	**4180**	**4180**	**4180**	**4180**	**4180**	**3760**	**3760**	**3760**	**3380**	**1880**	**1690**
UP														
FORD'S SIDING (UPFIELD) to: SOMERTON . .	**1260**	. .	. .	**990**	**830**	**750**	**680**	**640**	**630**	**570**	**530**	**480**	**280**	**250**
BLUE CIRCLE SIDING to: SOMERTON . .	**3070**	. .	. .	**2510**	**2290**	**2390**	**2150**	**1950**	**1750**	**1580**	**1480**	**1330**	**1090**	**980**

SAFEWORKING SYSTEMS

Siding Condition Working is in force between Somerton and Blue Circle Siding and is worked in accordance with special instructions contained in the General Appendix and Weekly Notice No. 7/88.

Electric Staff Working is in force between Somerton and Ford's Siding (Upfield).

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)					
		No. 1	No. 2	No. 3	No. 4	No. 5	Sidings & Extensions
Somerton	21.768	. .	. .	. .	. .	. .	Siding A - 449
Blue Circle Siding (Somerton) . .	22.50	300	300	. .	. .	. .	Extension - 300
Ford's Siding (Upfield)	19.00	335	205	359	. .	. .	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Somerton 21.768	Somerton Road T	21.697	BB Vic & SG

BB — Boom Barriers. Vic — Victorian Broad Gauge. SG — Standard Gauge. T — Equipped with Telephone Communication.

See Page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

LS3

PUBLIC TRANSPORT CORPORATION

.3239/92 VICTORIA O.3239/92

DISTRIBUTION:-

Office of Superintendent Safeworking,
Level 3, Transport House,
'Phone: 14392
9th September, 1992

Central - Transport House,
South Dynon Loco Depot,
Seymour to Shepparton.

SPEED OF LOCOMOTIVES OR TRAINS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN ON VARIOUS LINES SEYMOUR - MURCHISON EAST

Commencing forthwith and until further notice, the maximum speed of locomotives or trains and classes of locomotives allowed to run between Seymour and Murchison East will be as shown hereunder:-

Line or Portion of Line Between	Class of Train	Class of Locomotive											
		Diesel									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	b3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Seymour and O'Connors Rd P.C.R. (109.556Km) at Mangalore	Pass	N/A	N/A	115	115H	115	115	100	100	65	100	80	95
	Goods	N/A	N/A	80	80H	80	80	80	80	65			
O'Connors Rd P.C.R. (109.556Km) at Mangalore and Murchison East	Pass	N/A	N/A	95	95H	95	95	95	95	65	95	80	95
	Goods	N/A	N/A	80	80H	80	80	80	80	65			

MASTER TRAIN PLAN GENERAL INSTRUCTIONS

Amend details for Seymour and Murchison on page 70 accordingly

M. DIGGLE,
Superintendent Safeworking.

Per:-

190-105

Terry Poulton

SPEED OF LOCOMOTIVES OR TRAINS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN ON VARIOUS LINES
SEYMOUR AND MURCHISON EAST

Commencing forthwith and until further notice, the maximum speed of locomotives or trains and classes of locomotives allowed to run between Seymour and Murchison East will be as shown hereunder:

Line or Portion of Line between	Class of Train	Class of Locomotive											
		Diesel									Steam		
		G BL km/h	C km/h	N km/h	S, X 700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
Seymour and O'Connors Rd. P.C.R. (109.556km) at Mangalore	Pass	N/A	N/A	115	115H	115	115	100	100	65	100	80	95
	Goods	N/A	N/A	80	80H	80	80	80	80	65	—	—	—
O.Connors Rd. P.C.R. (109.556km) at Mangalore and Murchison East	Pass	N/A	N/A	95	95H	95	95	95	95	65	95	80	95
	Goods	N/A	N/A	80	80H	80	80	80	80	65	—	—	—

MASTER TRAIN PLAN GENERAL INSTRUCTIONS

Amend details for Seymour and Murchison East on page 70 accordingly.

O.3239/92

SEYMOUR TO COBRAM
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL km/h	C km/h	N km/h	S X 700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
Seymour and 108.0km (Formerly Mangalore)	Pass.	N/A	N/A	115	115H	115	115	100	100	65	100	80	95
	Goods	N/A	N/A	80	80H	80	80	80	80	65	. .	. .	. .
108.0km (Formerly Mangalore) and Shepparton	Pass.	N/A	N/A	95	95H	95	95	95	95	65	95	80	95
	Goods	N/A	N/A	80	80H	80	80	80	80	65	. .	. .	. .
Shepparton and Strathmerton	Pass.	N/A	N/A	95	95H	95	95	95	95	65	95	80	95
	Goods	N/A	N/A	65	65H	65	65	65	65	65	. .	. .	. .
Strathmerton and Cobram	Pass.	N/A	N/A	115	115H	115	115	100	100	65	100	80	95
	Goods	N/A	N/A	80	80H	80	80	80	80	65	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

1. At Seymour tracks No. 3-7 inclusive and all diverging movements to or from 3-7 tracks at the up end are restricted to 15km/h.
2. The following Speed Restrictions apply:—

All 'Down' Trains

Murchison East	146.600km to 146.999km	Max. speed 70km/h
Shepparton	180.300km to 180.665km	Max. speed 65km/h
Numurkah	Approaching Goulburn Valley Highway	Line Speed
Numurkah	215.250km to 215.483km (Quinn St)	Max. speed 30km/h
Numurkah	215.500km to 215.724km (Saxton St)	Max. speed 45km/h
Cobram	249.250km to 249.614km (Murray Valley Highway)	Max. speed 65km/h

All 'Up' Trains

Murchison East	147.200km to 146.999km (Goulburn Valley Highway)	Max. speed 35km/h
Shepparton	181.050km to 180.665km (Wyndham St)	Max. speed 60km/h
Numurkah	214.650km to 214.335km (Goulburn Valley Highway)	Max. speed 50km/h
Numurkah	215.700km to 215.482km (Quinn St)	Max. speed 50km/h
Numurkah	216.200km to 215.724km (Saxton St)	Max. speed 80km/h
Cobram	249.800km to 249.614km (Murray Valley Highway)	Max. speed 30km/h

3. When four-wheeled vehicles are attached to the consist of Goods trains the speed must not exceed 55 km/h between 108.0 km (formerly Mangalore) and Toolamba.
4. ~~Trains hauled by N, S, X, A, B, H, 930 and R class locomotives must not exceed 40km/h when passing over the Broken River Bridge at 179.140km between Mooroopna and Shepparton.~~ Cancelled 12.8.92.
5. G and BL class locomotives may when necessary for shunting purposes, and subject to block working rules, be placed onto the Cobram line at Seymour subject to a maximum speed of 15 km/h. The locomotive must not proceed further than is necessary to clear the junction, and unless the return movement be governed by a fixed signal, the locomotive or train must not be allowed to foul the junction until the Driver, Second Person or Trainee Driver has been verbally instructed to do so by the signalman.

The speed of all trains when passing over Facing Points worked from an interlocking frame or otherwise securely fastened, or over trailing points shall be as shown hereunder:

	Maximum Speed	
	When running to or from lines diverging from the straight track Km/h	When running on the straight track Km/h
Over facing points held by hand	25	25
Between Nagambie and Cobram	40	95
At Yarroweyah	—	80

See Page 7 for explanation of letters and symbols.

3. At Seymour all trains travelling via the back (No. 1) platform are restricted to 40km/hr between the Anzac Avenue Bridge (98.45km) and 99.10km (down end of curve).

At Seymour all trains travelling via the front (No. 2) platform are restricted to 40km/hr between the down end of the platform (98.86km) and 99.10km (down end of curve).

Effective: 4.2.90
Replaces:

SEYMOUR TO COBRAM (Cont'd)
RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES														
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
SEYMOUR to:														
Nagambie				**2740**	**2180**	**2260**	**2030**	**1750**	**1220**	**1100**	**1220**	**1100**	**600**	**540**
Numurkah				3340	3000	3040	2740	2750	1800	1620	1800	1620	1400	1260
Strathmerton				. .	3470	3650	3290	2850	2130	1920	2130	1920	1540	1380
COBRAM				3800	3520	3700	3330	2970	2200	1980	2200	1980	1650	1490
UP														
COBRAM to:														
Strathmerton				. .	. .	. .	. .	3420	**1830**	**1650**	**1830**	**1650**	**1010**	**910**
Numurkah				4180	4180	4180	3860	4180	3110	2800	3110	2800	2200	1900
Nagambie				**3090**	**2770**	**2910**	**2600**	**2300**	. .	. .	. .	. .	1020	920
SEYMOUR				3630	3300	3470	3120	2860	**1830**	1830	**1830**	1830	1015	1015

SAFEWORKING SYSTEM

Train Order Working is in force between Seymour — Nagambie, Nagambie — Murchison East, Murchison East — Toolamba, Toolamba — Shepparton, Shepparton — Numurkah, Numurkah — Strathmerton and Strathmerton — Cobram.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	Down Refuge	Sidings & Extensions
Seymour	98.699	625	625	471	. .	
Nagambie	126.115	375	320	. .	. .	
Murchison East	147.245	624	624	. .	. .	
Toolamba	166.052	317	317	. .	. .	
Mooroopna	177.000	. .	. .	. .	. .	
Ampol, B.P. Shell and Mobil Coy's Siding	182	. .	. .	. .	. .	
Shepparton	181.847	725	725	. .	. .	
Esso Standard Ltd. Siding	183	. .	. .	. .	. .	
Shepparton Livestock Siding	184	. .	. .	. .	. .	
Congupna	191.948	. .	. .	. .	. .	
Tallygaroopna	199.031	. .	. .	. .	. .	
Wunghnu	208.281	. .	. .	. .	. .	
Numurkah	215.201	804	804	603	583	'A'-375
Katunga	225.782	. .	. .	. .	. .	
Strathmerton	234.894	262	219	. .	. .	
Yarroweyah	242.212	. .	. .	. .	. .	
Cobram	249.841	262	262	. .	. .	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Seymour 98.699	High Street T	99.112	FL Vic & SG
Murchison East 147.245	Goulburn Valley Highway	146.999	FL
Toolamba 166.052	Mooroopna-Murchison Road T	168.299	FL
,,	Wren Street	166.254	FL
Mooroopna 177.000	Rumbalara Road T	176.088	FL
Shepparton 181.847	Wyndham Street/Goulburn Valley Highway T	180.665	BB
,,	Hayes Street T	181.202	FL
,,	High Street/Midland Highway T	182.087	BB
,,	Fryers Street T	182.367	BB
,,	Knight Street T	183.003	FL
,,	Wheeler Street T	183.727	FL
,,	New Dookie Road T	184.441	FL
,,	Grahamvale Road T	185.377	FL
,,	Fords Road T	186.706	FL
Congupna 191.948	Yarrawonga Road T	191.737	FL
Numurkah 215.201	Goulburn Valley Highway T	214.335	FL
,,	Quinn Street T	215.482	FL
,,	Saxton Street T	215.724	FL
,,	Exhibition Street T	216.195	FL
Katunga 225.782	Picola Road T	225.981	FL
Strathmerton 234.894	Goulburn Valley Highway	234.688	FL
Cobram 249.841	Murray Valley Highway	249.614	FL

BB — Boom Barriers. FL — Flashing Lights. Vic. — Victorian Broad Gauge. SG — Standard Gauge.
T — Equipped with telephone communication.

Effective: 4.2.90
Replaces:

STRATHMERTON TO TOCUMWAL
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Strathmerton and Murray River Bridge at Tocumwal	Pass.	N/A	N/A	80	80H	80	80	80	80	65	80	80	80
	Goods	N/A	N/A	65	65H	65	65	65	65	65	. .	. .	. .
Over Murray River Bridge at Tocumwal	All Trains	N/A	N/A	15	15H	15	15	15	15	15	N/A	15	15
Murray River Bridge and Tocumwal	All Trains	N/A	N/A	40	40H	40	40	40	40	40	N/A	40	40

SPECIAL SPEED RESTRICTIONS

1. When four-wheeled vehicles are attached to the consist of Goods trains the speed must not exceed 55 km/h between Strathmerton and the Murray River Bridge at Tocumwal.
2. Bogie vehicles with a minimum distance between bogie centres of 7.9 metres may be loaded to 78 tonnes gross (tare plus nett load) but shall be restricted to 15 km/h when passing over the Murray River Bridge at Tocumwal.
3. Bogie vehicles with a distance of less than 7.9 metres between bogie centres shall be restricted to a speed of 15 km/h and a load limit of 74 tonnes gross (tare plus nett) when passing over the Murray River Bridge at Tocumwal.

The speed of all trains when passing over Facing Points worked from an interlocking frame or otherwise securely fastened, or over trailing points shall be as shown hereunder:

	Maximum Speed	
	When running to or from lines diverging from the straight track Km/h	When running on the straight track Km/h
Over facing points held by hand	25	25
Between Strathmerton and Tocumwal	40	80

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
STRATHMERTON to: TOCUMWAL				**3800**	**3520**	**3700**	**3330**	**2970**	**2200**	**1980**	**2200**	**1980**	**1650**	**1490**
UP														
TOCUMWAL to: STRATHMERTON				**4180**	**4180**	**4180**	**3860**	**4180**	**1830**	**1830**	**1830**	**1830**	**890**	**790**

SAFEWORKING SYSTEM

Train Order Working is in force between Strathmerton and Tocumwal.

See Page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

STRATHMERTON TO TOCUMWAL (Cont'd)

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	Down Refuge	Sidings & Extensions
Strathmerton	234.894	262	219	. .	. .	
Tocumwal	251.394	. .	409	369	. .	No.2 Ext. 334

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Strathmerton 234.894	Murray Valley Highway T	235.611	FL

FL — Flashing Lights. T — Equipped with telephone communication.

Effective: 4.2.90
Replaces:

PUBLIC TRANSPORT CORPORATION
VICTORIA

O.1201/93

O.1201/93

DISTRIBUTION
Centrol - Transport House
South Dynon Locomotive Depot
All Stations & Depots

Emergency Management & Safeworking Unit
Level 13 Transport House
Phone 14392
20th October 1993

CIRCULAR NO. 1174/93 IS CANCELLED

SPEED OF LOCOMOTIVES OR TRAINS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN ON VARIOUS LINES

Commencing forthwith and until further notice, the maximum speed of locomotives or trains and classes of locomotives allowed to run between Shepparton and Cobram will be shown as shown hereunder:

LINE OR PORTION OF LINE BETWEEN	CLASS OF TRAIN	CLASS OF LOCOMOTIVE							
		DIESEL				SPRINTER	STEAM		
		C km/h	G BL km/h	N A X B S 700 GM 900 km/h	T P H km/h		R km/h	J K km/h	D3 km/h
Shepparton and Strathmerton	Pass Goods	N/A N/A	N/A N/A	§§ 65	§§ 65	.. ..	§§ ..	§§ ..	§§ ..
Strathmerton and Cobram	Pass Goods	N/A N/A	N/A N/A	§§ 80	§§ 80	.. ..	§§ ..	§§ ..	§§ ..

All concerned to note this Circular supersedes Circular No.1174/93 which is cancelled.

Amend page 74 of the Master Train Plan General Instructions.

A. PALERMO
A/Superintendent Safeworking
per:

TOOLAMBA TO ECHUCA
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL km/h	C km/h	N km/h	S X 700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
Toolamba and Echuca	All Trains	N/A	N/A	40	40H	40	40	40	40	40	N/A	40	40
Except when passing over bridges at: 167.529km and 173.768km (Between Toolamba and Tatura)	All Trains	N/A	N/A	15	15H	15	15	15	40	40	N/A	15	15
179.957km (Between Tatura and Merrigum) 188.716km (Between Tatura and Merrigum)	All Trains All Trains	N/A N/A	N/A N/A	40 15	40H 15H	40 15	40 15	40 15	40 40	40 40	N/A N/A	15 15	15 15
221.590km, 223.542km and 227.069km (Between Tongala and Echuca)	All Trains	N/A	N/A	15	15H	15	15	15	40	40	N/A	15	15

SPECIAL SPEED RESTRICTIONS

No Special Speed Restrictions apply.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
TOOLAMBA to: ECHUCA	. .	. .	. .	. .	. .	. .	. .	. .	. .	**1830**	**1830**	**1830**	**1830**	**1220**	**1220**
UP														
ECHUCA to: TOOLAMBA	. .	. .	. .	. .	. .	. .	. .	. .	. .	**1830**	**1830**	**1830**	**1830**	**1220**	**1220**

SAFEWORKING SYSTEM

Train Order Working is in force between Toolamba and Echuca.

See Page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

TOOLAMBA TO ECHUCA (Cont'd)
DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Toolamba	166.052	317	317	..	..	
Tatura	177.120	..	..	..	..	
Merrigum	189.372	..	..	..	..	
A.R. Scoones Siding	198	..	..	..	..	
Kyabram	199.56	244	183	..	..	
Tongala	210.451	..	..	..	..	
Echuca	233.230	427	427	518	..	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Toolamba 166.052	Wren Street	166.254	FL
,,	Mooroopna — Murchison Road	168.493	FL
Tatura 177.120	Casey Street T	177.394	FL
,,	Hogan Street T	177.551	FL
,,	Park Street T	177.967	FL
,,	Ross Street T	178.336	FL
,,	Midland Highway T	181.694	FL
Merrigum 189.372	Kyabram Road T	189.150	FL
Kyabram 199.568	Allen Street	198.943	FL
,,	Albion Street	199.350	FL
,,	Church Street T	199.851	FL
Tongala 201.451	Kyabram Road T	210.674	FL
Echuca 233.230	Cornella Creek Road T	230.793	FL
,,	Murray Valley Highway	232.174	FL

FL — Flashing Lights. T — Equipped with telephone communication.

Effective: 4.2.90
Replaces:

SHEPPARTON TO DOOKIE
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Shepparton and P.C.R. at 185.377 km (Grahamvale Road)	Pass.	N/A	N/A	§§	§§H	§§	§§	§§	§§	§§	§§	§§	§§
	Goods	N/A	N/A	30	30H	30	30	30	30	30	. .	. .	. .
P.C.R. at 185.377 km (Grahamvale Road) and Dookie	Pass.	N/A	N/A	§§	§§H	§§	§§	§§	§§	§§	§§	§§	§§
	Goods	N/A	N/A	65	65H	65	65	65	65	65	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

The speed of all trains when passing over Facing Points worked from an interlocking frame or otherwise securely fastened, or over trailing points shall be as shown hereunder:

	Maximum Speed	
	When running to or from lines diverging from the Straight Track Km/h	When running on the Straight Track Km/h
Over facing points held by hand	25	25
At Dookie	25	25

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
SHEPPARTON to: DOOKIE				**2350**	**1990**	**2000**	**1800**	**1670**	**1220**	**1100**	**1200**	**1100**	**700**	**630**
UP														
DOOKIE to: SHEPPARTON				**3640**	**3050**	**3150**	**2840**	**2500**	**1525**	**1100**	**1525**	**1100**	**1015**	**920**

SAFEWORKING SYSTEM

Train Order Working is in force between Shepparton and Dookie.

See Page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

SHEPPARTON TO DOOKIE (Cont'd)

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Shepparton	181.847	725	725	..	..	
Canning Factory Siding	183	..	..	..	..	
Campbells Soups (Aust)	188	..	..	..	..	
Pine Lodge	194.830	..	..	..	..	
Cosgrove	204.163	..	..	..	..	
Dookie	209.172	475	475	..	..	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Shepparton 181.847	High Street T	182.087	BB
,,	Fryers Street T	182.367	BB
,,	Knight Street T	183.003	FL
,,	Wheelers Street T	183.727	FL
,,	Dookie Road T	184.441	FL
,,	Grahamvale Road T	185.377	FL

BB — Boom Barriers. FL — Flashing Lights. T — Equipped with telephone communication.

Effective: 4.2.90
Replaces:

BENALLA TO OAKLANDS
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Benalla and Yarrawonga	Pass.	§§ 55	N/A	§§ 70	§§ 70H	§§ 70	§§ 70	§§ 70	§§ 70	§§ 65	§§ . .	§§ . .	§§ . .
	Goods		N/A										
Yarrawonga and Oaklands	Pass.	§§ 50	N/A	§§ 50	§§ 50H	§§ 50	§§ 50	§§ 50	§§ 50	§§ 50	N/A . .	§§ . .	§§ . .
	Goods		N/A										

SPECIAL SPEED RESTRICTIONS

1. When four-wheeled vehicles are attached to the consist of Goods trains the speed must not exceed 55 km/h between Benalla and Yarrawonga.
2. When passing over Boosey Creek Overflow bridge at 239.941km between St. James and Tungamah trains hauled by G or BL class locomotives must not exceed 30 km/h. Special Speed Boards are provided.

The speed of all trains when passing over Facing Points worked from an interlocking frame or otherwise securely fastened, or over trailing points shall be as shown hereunder:

	Maximum Speed	
	When running to or from lines diverging from the straight track Km/h	When running on the straight track Km/h
Over facing points held by hand	25	25
Benalla and Yarrawonga	40	70
Yarrawonga and Oaklands	40	50

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
BENALLA to:														
Tungamah	4940	. .	. .	3860	2600	3050	2750	2010	1500	1360	1500	1360	840	760
Telford (Non Stop)	1720	. .	. .	1500	1500	1500	1500	1500	935	935	935	935	600	600
Telford (Stopping)	**1680**	. .	. .	**1210**	**960**	**1030**	**920**	**780**	**690**	**610**	**690**	**610**	**360**	**320**
OAKLANDS	3780	. .	. .	3080	2160	2300	2070	1740	1400	1260	1400	1260	740	660
UP														
OAKLANDS to:														
Telford	3450	. .	. .	2870	2670	2760	2480	2380	2030	1830	2030	1830	1510	1360
Tungamah	**2980**	. .	. .	**1880**	**1860**	**1860**	**1860**	**1860**	**1120**	**1120**	**1120**	**1120**	**600**	**600**
BENALLA	3800	. .	. .	3370	2660	2960	2660	2500	1525	1525	1525	1525	1015	1015

See Page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

BENALLA TO OAKLANDS (Cont'd)
SAFEWORKING SYSTEM

Train Order Working is in force between Benalla 'B' Box — Yarrawonga and Yarrawonga — Oaklands.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Benalla	195.251	457	457	..	..	
Goorambat	211.910	..	..	..	..	
Devenish	221.505	..	..	..	..	
St. James	228.083	..	..	..	..	
Tungamah	240.200	..	..	..	..	
Telford	249.205	..	..	..	..	
Yarrawonga	259.862	332	332	..	..	
Mulyarra	263.861	..	..	..	..	
Sloane	271.788	..	..	..	..	
Warragoon	282.318	..	..	..	..	
Rennie	291.254	..	..	..	..	
Sanger	303.329	..	..	..	..	
Wangamong	313.127	..	..	..	..	
Oaklands	321.102	652	652	..	..	Siding 607

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Yarrawonga 259.862	Murray Valley Highway	259.590	FL

FL — Flashing Lights.

Effective: 4.2.90
Replaces:

Class of Locomotive

Steam

R	J K	D3
m/h	km/h	km/h
N/A	§§	§§

SPRINGHURST — WAHGUNYAH LINE

Line Booked Out of Service

The Springhurst — Wahgunyah Line was booked out of service for all rail traffic from 21 September 1992.

Sprin

The points at Springhurst leading to the Waygunyah Line have been spiked Out of Service.

No train of locomotive may operate on the Springhurst — Wahgunyah Line without authority from the Superintendent Safeworking and the Group Manager, Track.

Master Train Plan General Instructions

1 Page 80, insert note, Line from Springhurst to Waygunyah booked out of service.

Trains must not operate on the Springhurst — Wahgunyah Line without authority from the Superintendent Safeworking and the Group Manager, Track.

O.3306/92

working rules, be ceed further than train must not be so by the signal-

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
SPRINGHURST to: WAHGUNYAH					**2200**			**2200**			**1530**	**1370**	**1020**	**910**
UP														
WAHGUNYAH to:														
Rutherglen					**1530**			**1530**			**980**	**980**	**550**	**500**
SPRINGHURST					2600			2600			1220	1100	850	770

SAFEWORKING SYSTEMS

Staff and Ticket Working is in force between Springhurst and Rutherglen.

Siding Conditions Working is force between Rutherglen and Wahgunyah.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Springhurst	257.539	305	305	..	..	
Rutherglen	272.383	305	375	..	..	
Wahgunyah k	279.887	296	253	238	..	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Rutherglen 272.383	Murray Valley Highway	272.258	HG

HG — Hand Gates.

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

WODONGA TO BANDIANA (BROAD GAUGE)
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL km/h	C km/h	N km/h	S X 700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
Wodonga and Bandiana	Pass.	N/A	N/A	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§
	Goods	N/A	N/A	50	50H	50	50	50	50	50	..	..	..

SPECIAL SPEED RESTRICTIONS

1. Speed of all Trains is not to exceed 40 km/h when passing over Fixed points at 301.5 km and 304.0 km.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
WODONGA to: BANDIANA				1625	1625	1625	1625	1625	1220	1220	1220	1220	815	815
UP														
BANDIANA to: WODONGA				1830	1830	1830	1830	1830	1525	1525	1525	1525	1015	1015

SAFEWORKING SYSTEM

Automatic Electric Staff Working is in force between Wodonga A Box and Bandiana and as shown via instructions shown in Weekly Notice No. 38/89 and O.700/89.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)					
		No. 1	No. 2	No. 3	No. 4	No. 5	Sidings & Extensions
Wodonga	300.785	259	259	229	..	..	
Bandiana	307.631	..	..	..	..	..	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Wodonga 300.785	Hovell Street T	301.174	FL
,,	Laurence Street T	301.710	FL
,,	Murray Valley Highway T	302.293	FL
,,	Kiewa Valley Highway T	305.912	FL

FL — Flashing Lights. T — Equipped with telephone communication.

See Page 7 for explanation of letters and symbols.

WODONGA - WODONGA LIVESTOCK SIDING (BROAD GAUGE)

Line or Portion of Line Between	Class of Train	CLASS OF LOCOMOTIVE												
		Diesel										Steam		
		G BL KM/H	C KM/H	N KM/H	S X 700 KM/H	A KM/H	B 930 KM/H	H KM/H	T P KM/H	Y (E) KM/H		R KM/H	J K KM/H	D3 KM/H
Wodonga & Wodonga Livestock Sidings	Pass	N/A	N/A	§§	§§	§§	§§	§§	§§	§§		§§	§§	§§
	Goods	N/A	N/A	25	25H	25	25	25	25	25		..	..	..

PUBLIC TRANSPORT CORPORATION

EMERGENCY MANAGEMENT AND SAFEWORKING UNIT

DISTRIBUTION

Control,
South Dynon Loco,
Seymour - Wodonga

Office of Superintendent Safeworking
Level 13, Transport House
Phone: 14392
12 February 1993

SPEED OF LOCOMOTIVES OR TRAINS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN ON VARIOUS LINES

Commencing forthwith and until further notice, the maximum speed of locomotives or trains and classes of locomotives allowed to run between Wodonga Coal Siding and Wodonga Livestock Siding (Standard Gauge) will be shown as shown hereunder:-

WODONGA COAL SIDING - WODONGA LIVESTOCK SIDING (STANDARD GAUGE)

Line or Portion of Line Between	Class of Train	CLASS OF LOCOMOTIVE				
		Diesel				
		G 81 KM/H	C KM/H	422 X KM/J	T KM/H	Y (E) KM/H
Wodonga Coal Siding - Wodonga Livestock Sidings	Pass	N/A	N/A	§§	§§	§§
	Goods	N/A	N/A	25	25	25

MASTER TRAIN PLAN GENERAL INSTRUCTIONS

Amend instructions on page 82 accordingly.

M. DIGGLE
Superintendent Safeworking
Per:-

PUBLIC TRANSPORT CORPORATION
VICTORIA

O.1236/93

O.1236/93

DISTRIBUTION
Centrol - Transport House
Spencer St. - Wodonga
South Dynon Locomotive Depot

Emergency Management & Safeworking Unit,
Level 13, Transport House
Phone 14392,
29th October 1993

SPEED OF LOCOMOTIVES OR TRAINS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN ON VARIOUS LINES MELBOURNE TO ALBURY (STANDARD GAUGE)

Amend the speed shown for G and 81 class locomotives from Pascoe vale Road Over Road bridge (Near Jacana) and the 17 km post (Down end of Broadmeadows) to read 80 km/h.

Amend circular O.917/93 and page no. 85 of the Master Train Plan General Instructions.

All concerned to note and arrange.

A. PALERMO
A/Superintendent Safeworking.

Per:-

PUBLIC TRANSPORT CORPORATION
VICTORIA

O.814/90

O.814

DISTRIBUTION:-

Control, Transport House,
South Dynon Loco Depot,
Spencer St. to Wodonga.
via Sunshine

Office of Safeworking Department
Level 3, Transport House,
'Phone: 14389
18th October 1990

SPEED OF LOCOMOTIVES OR TRAINS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN ON VARIOUS LINES
16.704 KM AND WODONGA (STANDARD GAUGE)

Commencing forthwith and until further notice, the maximum speed of locomotives or trains and classes of locomotives allowed to run between 16.704km and Wodonga (Standard Gauge) will be as shown hereunder:-

Line or Portion of Line Between	Class of Train	CLASS OF LOCOMOTIVE				
		G 81 KM/H	C KM/H	422 X KM/H	T KM/H	Y (E) KM/H
16.704 km (near Broadmeadows) and Wodonga (Distance via Essendon)	Pass.	100	90	115	100	65
	Superfreighter	100	90	100	100	65
	90kmh Goods	90	90	90	90	65
	Other Goods	80	80	80	80	65

Amend Special Speed Restriction Note 1 as follows:-

1. Express Goods Trains authorised to operate at 90km/hr as shown in the Master Train Plan must convey only vehicles authorised to run at 90km/hr on the Victorian System. When conveying grain, steel, quarry products or bulk cement, speed must not exceed 80kmh. All other Express Goods Trains (except Superfreighter) are restricted to 80kmh or such lower speed as determined by the class of locomotive or vehicles included in the consist.

MASTER TRAIN PLAN GENERAL INSTRUCTIONS

Insert a reference on Page 82 accordingly.

SECTION ENGINEER
SEYMOUR

M. Diggle,
Superintendent Safeworking.
Per:- CS

PUBLIC TRANSPORT CORPORATION

O.0917/93

~~O.0917/93~~

DISTRIBUTION
Centrol - Transport House
South Dynon Locomotive Depot
All Stations & Depots

Emergency Management & Safeworking Unit
Level 13, Transport House
Phone 14392
20th August 1993

Circular No. O.0894/93 is hereby cancelled.

SPEED OF LOCOMOTIVES OR TRAINS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN ON VARIOUS LINES

Commencing forthwith and until further notice, the maximum speed of locomotives or trains and classes of locomotives allowed to run between Melbourne and Albury (S.G.) will be shown as shown hereunder:

MELBOURNE TO ALBURY
(STANDARD GAUGE)
(Including Wodonga Coal Sidings to Wodonga Livestock Siding at Bandiana)

LOCOMOTIVE OR TRAIN SPEEDS, AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

See page 7 for explanation of letters and symbols and pages 8-14 for additional operational restrictions.

Line or Portion of Line Between	Class of train	Class of Locomotive				
		Diesel				
		C km/h	G 81 km/h	X km/h	T km/h	XPT Train km/h
Spencer St. & South Dynon Junction	All Trains	40	40	40	40	40
North or South Dynon Goods Yards & South Dynon Junction	All Trains	40	40	40	40	40
South Dynon Junction - Over all Points & Crossings	All Trains	40	40	40	40	40
South Dynon Junction & West Footscray Junction	All Trains	65	65	65	65	65
West Footscray Junction - Over all Points & Crossings	All Trains	40	40	40	40	40
West Footscray Junction & 9.700 km (near Tottenham)	Pass. Goods	80 80	80 80	80 80	80 80	80 ..
9.700 km (near Tottenham) and 14.500 km (near Albion)	Pass. S/Freight Goods	80 80 80	90 90Q 80	95 90Q 80	95 90Q 80	95 .. ..

14.500 km (near Albion) & Pascoe Vale Road Over Road Bridge (near Jacana)	Pass. S/Freight Goods	80 80 80	90 90Q 80	115 90Q 80	100 90Q 80	115 .. ..
Pascoe Vale Road Over Road Bridge (near Jacana) and the 17 km post (Down End of Broadmeadows)	Pass. All other Trains	80 65	80 65	80 65	80 65	80 ..
The 17 km post (Down End of Broadmeadows) and the 298 km post (Wodonga Loop) Except between 75.250 km & 78.600 km (near Broadford) 97.550 km & 99.050 km (through Seymour)	Pass. S/Freight Goods Pass. S/Freight Goods All Trains	100 100Q 80 90 90Q 80 80	100 100Q 80 100 100Q 80 80	115 100Q 80 105 100Q 80 80	100 100Q 80 100 100Q 80 80	130 .. .. 105 80
The 298 km post (Wodonga Loop) and Wodonga Except between 300.450 km & 301.611 (through Wodonga)	Pass. S/Freight Goods All Trains	90 90Q 80 40	100 100Q 80 40	115 100Q 80 40	100 100Q 80 40	115 40
Wodonga & Albury (See Special Speed Restrictions)	All Trains	65	65	80	80	80
Wodonga Coal Sidings - Wodonga Livestock Siding (Bandiana)	Pass. Goods	N/A N/A	N/A N/A	§§ 25	§§ 25	§§ ..

Amend page 85 of the Master Train Plan General Instructions

Cancel Circular O.0894/93.

A. PALERMO
A/Superintendent Safeworking
per:-

MELBOURNE TO ALBURY (STANDARD GAUGE)
LOCOMOTIVE OR TRAIN SPEEDS, AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive				
		G 81 km/h	C km/h	422 X km/h	T km/h	Y (E) km/h
Spencer Street and South Dynon Junction	All Trains	40	40	40	40	40
North or South Dynon Goods Yards and South Dynon Junction	All Trains	40	40	40	40	40
South Dynon Junction and West Footscray Junction	All Trains	65	65	65	65	65
West Footscray and 9.700km (near Tottenham)	Pass. Goods	80 80	80 80	80 80	80 80	65 65
9.700km (near Tottenham) and 14.500km (near Albion)	Pass. Superfreighter 90km/h Goods Other Goods	90 90 90 80	80 80 80 80	95 90 90 80	95 90 90 80	65 65 65 65
Munistone Siding, Tottenham	All Trains	N/A	N/A	15	15	15
Lysaght and ATM Sidings, McIntyre Loop	All Trains	15	15	15	15	15
14.500km (near Albion) and Pascoe Vale Road Bridge (near Jacana)	Pass. Superfreighter 90km/h Goods Other Goods	90 90 90 80	80 80 80 80	115 90 90 80	100 90 90 80	65 65 65 65
* Over the Flyover at Jacana between Pascoe Vale Road Bridge and 16.704km (near Broadmeadows) (Distance via Essendon)	Pass. All other Trains	80 65	80 65	80 65	80 65	65 65
16.704km (near Broadmeadows) and Wodonga (Distance via Essendon) SEE AMENDMENT	Pass. Superfreighter 90km/h Goods Other Goods	100 100 90 80	80 80 80 80	115 100 90 80	100 100 90 80	65 65 65 65
Wodonga and Albury (See Special Speed Restrictions)	All Trains	65	65	80	80	65

SPECIAL SPEED RESTRICTIONS

1. Express Goods Trains authorised to operate at 90 km/h as shown in the Master Train Plan must convey only vehicles authorised to run at 90 km/h on the Victorian System. When hauled by 'C' class locomotives or when conveying grain, steel, quarry products or bulk cement speed must not exceed 80 km/h. All other Express Goods Trains (except Superfreighter) are restricted to 80 km/h or such lower speed as determined by the class of locomotive or vehicles included in the consist.
2. Speed of all Trains is not exceed 40km/h when passing over all points and crossings at South Dynon Junction and West Footscray Junction.
3. Between the South Bank of the main stream of the Murray River and the Albury end of the Murray River Viaduct, all trains hauled by two or more locomotives (except 'C' class locomotives) are restricted to a maximum speed of 30 km/h (See Note 4).
4. Between the South Bank of the main stream of the Murray River Viaduct and the Albury end of the Murray River Viaduct, trains hauled by:—
   (a) Single 'C' class locomotives shall not exceed 30 km/h.
   (b) Multiple 'C' class locomotives shall not exceed 15 km/h.
5. All classes of N.S.W. S.R.A. locomotives (except the 81 class) are permitted to operate shunting trips between Albury, Wodonga and Bandiana subject to instructions issued by the State Rail Authority of N.S.W. and the following speed restrictions.

Albury and Wodonga over points at 301.571km to Wodonga Loop Line	50km/h
Wodonga and Bandiana	50km/h
Wodonga Loop Line 301.571km to 310.672km	15km/h
Over fixed points at 301.672km and 303.884km	15km/h

CURVE BOARDS

Curve Boards are erected at:

Marked Distance	All Trains km/h
Via Sunshine:	
13.785km — 14.449km (Down end of Albion)	65
24.321km — 24.945km (Near Moonee Ponds Creek)	90
Via Essendon:	
75.268km — 75.992km (Broadford Loop — Tallarook Loop)	90

Speeds Boards are erected for stations yards at:

Via Essendon:	
98.331km — 99.85km (Seymour Station Yard)	80
300.467km — 301.121km (Wodonga Station Yard)	40

See Page 11 for explanation of letters and symbols.

SEYMOUR (Standard Gauge)
Curve Speeds

* Rev 18/10/90

Commencing 5 October 1992. the following curve speeds will apply at Seymour:

1. Curve at 97.550km–98.297km R Existing 95 reduced to 80
2. Curve at 98.387km–98.532km R Existing 80 boards to remain
3. Curve at 98.600km–98.829km L Existing 80 boards to remain
4. Curve at 98.911km–99.018km L Existing 80 boards to remain

Effective: 4.2.90
Replaces:

82.

MELBOURNE TO ALBURY (STANDARD GAUGE) (Cont'd)
RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G 81	C solo or multi with C	C multi with other class			X 422					T solo or multi with T or Y	T multi with other class	Y solo or multi T or Y	Y multi with other class
MELBOURNE to:														
McIntyre Loop	1750	1530	1380			1020					890	800	560	510
Somerton Loop	**1610**	**1190**	**1070**			**890**					670	600	**360**	**320**
Donnybrook Loop	2590	2270	2040			1530					1015	910	510	460
Seymour Loop	1690	1370	1230			970					**600**	**540**	**360**	**320**
Longwood Loop	2820	2300	2070			1520					920	830	510	460
Benalla Loop	3580	3040	2740			2135					1630	1470	950	860
Glenrowan Loop	1910	1660	1490			1270					840	760	510	460
Alumatta Loop	2930	2700	2430			2130					1870	1680	1480	1330
Chiltern Loop	1950	1690	1520			1270					850	770	550	500
Wodonga Loop	2170	1710	1540			1150					890	800	530	480
ALBURY	4480	3590	3230			2135					1625	1110	850	770
MELBOURNE to ALBURY Conditional Through Load (See Footnote A below).	**1650**	**1460**	**1310**			**970**					**580**	**520**	**400**	**360**

NOTE A:— These loads are to be used for Interstate train operation unless special conditions prevail.

Conditional Through Loads based on being non stop at the following locations:

(i) Signal MGS 911 (between Tullamarine Loop and Somerton Loop).
(ii) Donnybrook Loop.
(iii) Wallan Loop.

UP														
ALBURY to:														
Wodonga Loop	2470	2230	2010			1830					1220	1090	560	500
Chiltern Loop	2140	1720	1550			1270					830	750	510	460
Alumatta Loop	4160	2960	2660			1800					1220	1100	680	610
Glenrowan Loop	1870	1620	1460			1270					810	730	510	460
Benalla Loop	3920	2830	2550			1250					940	850	600	540
Violet Town Loop	. .	. .	. .			3330					1350	1220	620	560
Longwood Loop	4480	4480	4480			3430					1670	1500	860	770
Seymour Loop	2250	1980	1780			2135					1220	1100	820	740
Tallarook Loop	1560	1230	1100			920					600	540	. .	. .
Broadford Loop	**1350**	**1170**	**1050**			**760**					580	**520**	**310**	**280**
Wallan Loop	1710	1300	1170			770					**570**	530	405	370
Donnybrook Loop	. .	. .	. .			. .					. .	. .	1170	1050
Somerton Loop	. .	. .	. .			. .					. .	. .	1820	1640
Tullamarine Loop	. .	. .	. .			4480					3840	3460	2070	1860
McIntyre Loop	. .	. .	. .			2890					1450	1310	730	660
Sunshine Loop	. .	. .	. .			4480					3840	3460	2810	2530
MELBOURNE	4480	4480	4480			4150					1830	1650	1020	920
ALBURY to MELBOURNE Conditional Through Load (See Footnote B below).	**1650**	**1520**	**1370**			**1000**					**580**	**520**	**400**	**360**

NOTE B:— These loads are to used for Interstate train operation unless special conditions prevail.

Conditional Through Loads based on being non stop at the following locations:

(i) Signal ES 3116 (between Seymour Loop and Tallarook Loop).
(ii) Signal ES 2572 (between Tallarook Loop and Broadford Loop).
(iii) Signals ES 2368 and ES 2166 (between Broadford Loop and Wallan Loop).

SAFEWORKING SYSTEMS

Three position signalling is in force on the single line between Spencer Street and South Dynon Junction and on the Dual Gauge tracks between South Dynon Junction and West Footscray Junction.

The points and signals on the Standard Gauge line from West Footscray Junction to Wodonga Loop are operated from the Centralised Traffic Control (C.T.C.) panel at Transport House. Movements between Wodonga Loop and Wodonga 'A' Box are jointly controlled by the Train Controller, Transport House and the Signalman, Wodonga 'A' Box.

Lever Locking and Track Control System is in operation between Wodonga 'A' Box — Coal Sidings Signal Box and Coal Sidings Signal Box — Albury South Signal Box.

Effective: 4.2.90
Replaces:

MELBOURNE TO ALBURY (STANDARD GAUGE) (Cont'd)
DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne via Essendon	Standard Gauge Line Distance from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)			
			No. 1	No. 2	No. 3	Sidings
Spencer Street	..	..	..	..	..	
Dynon	..	..	..	..	..	
South Dynon Junction	..	3	..	..	..	
West Footscray Junction	..	4.1	..	..	..	
Sunshine Loop	..	11.4	913	913	..	
Sunshine Platform	..	12.2	..	..	..	
McIntyre Loop	..	15	893	893	893	
Tullamarine Loop	..	22.7	870	870	..	
Somerton Loop	21.7	33.3	910	910	800	No.4 Trk 782
Donnybrook Loop	33.6	45.2	882	882	..	
Wallan Loop	47.3	58.9	881	881	..	
Broadford Loop	73.6	85.2	935	935	..	
Tallarook Loop	88.8	100.4	1005	1005	..	
Seymour Platform	98.5	110.1	..	..	..	
Seymour Loco.	98.7	110.3	..	..	..	
Seymour Loop	100.2	111.8	894	894	..	
Longwood Loop	136.7	148.3	903	903	..	
Violet Town Loop	169.2	180.8	891	891	..	
Benalla Platform	195.2	206.8	..	..	..	
Benalla Loop	195.5	207.1	898	898	..	
Glenrowan Loop	217.9	229.5	1045	1045	..	
Alumatta Loop	231.8	243.4	891	891	..	
Wangaratta Platform	233.2	244.8	..	..	..	
Chiltern Loop	271.3	282.9	892	892	..	
Wodonga Loop	297.5	309.1	874	874	..	
Wodonga Coal Sidings	301.5	313.1	..	..	..	
Albury (N.S.W.)	305.8	317.4	534	489	..	B Sidings 414, 398, 398 & 330
Junee (N.S.W.)	..	478	428	428	428	
Sydney (N.S.W.)	..	961	..	..	..	

Effective: 4.2.90
Replaces:

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Sunshine 12.254	Anderson Road T	13.258	BB Vic. & SG
Broadmeadows 16.848	Smeaton Avenue T	18.400	PBB Vic. & SG
,,	Alumurta Avenue T	19.650	PBB Vic. & SG
Somerton 21.768	Somerton Road T	21.697	BB Vic. & SG
Donnybrook 33.213	Yan Yean Road	33.125	FL Vic. & SG
Beveridge 41.730	Whittlesea Road T	41.413	FL Vic. & SG
Wallan 47.488	Barber's Lane	47.244	BB Vic. & SG
,,	Boundary Road	48.437	FL Vic. & SG
,,	Wallan — Broadford Road T	50.653	BB Vic. & SG
Heathcote Junction 53.450	Escrites Road T	53.618	FL Vic. & SG
Seymour 98.699	Stations Entrance	98.592	BB Vic & SG
,,	High Street T	99.772	BB Vic & SG
Avenel 115.967	O'Connor's Road	109.657	FL Vic. & SG
,,	Ewings Road	115.634	FL Vic. & SG
,,	Bank Street	116.126	FL Vic. & SG
Euroa 151.030	Nagambie Road	127.376	FL Vic. & SG
,,	Down Street	136.541	FL Vic. & SG
,,	Creighton Creek Road T	143.246	FL Vic. & SG
,,	Arcadia Road/Birkett Street	150.286	FL Vic. & SG
Balmattum 158.912	Balmattum Road T	158.719	FL Vic. & SG
Violet Town 169.330	Dookie Road T	168.314	FL Vic. & SG
,, ,,	Station Entrance	169.401	FL Vic & SG
,, ,,	Cowslip Street	169.496	BB Vic. & SG
Benalla 195.250	Tarnook Road	183.043	FL Vic. & SG
,,	Cemetery Road T	191.908	FL Vic. & SG
,,	Failthful Street	193.320	FL Vic. & SG
,,	Arundel Street T	194.340	FL Vic. & SG
,,	Nunn Street/Midland Highway	195.029	FL Vic. & SG
,,	Witt Street T	196.826	FL Vic. & SG
,,	Yarrawonga Road T	200.614	FL Vic. & SG
Glenrowan 218.781	Old Hume Highway T	214.913	FL Vic. & SG
Wangaratta 233.998	Taminick Road T	225.640	FL Vic & SG
,,	Gravel Pits Road T	229.073	FL Vic & SG
,,	Shanley Street T	230.352	FL Vic & SG
,,	Sandford Road T	231.132	FL Vic. & SG
,,	Sisely Avenue T	233.087	BB Vic. & SG
,,	Boorhaman Road T	238.492	FL Vic. & SG
,,	Three Chain Road	240.177	FL Vic. & SG
Springhurst 257.550	Rutherglen Road T	256.287	FL Vic. & SG
,,	Cannings Crossing T	258.433	FL Vic & SG
Chiltern 271.322	Racecourse Road T	269.261	FL Vic. & SG
,,	Beechworth Road	270.920	FL Vic. & SG
Barnawartha 280.157	Havelock Street	279.498	FL Vic. & SG
,,	Old Hume Highway	280.680	FL Vic. & SG
Wodonga 300.785	Cochranes Road T	294.873	FL Vic. & SG
,,	Melrose Drive T	299.004	FL Vic & SG
,,	Kelly Street T	299.632	FL Vic. & SG
,,	Station Entrance T	300.847	FL Vic & SG
,,	Hume Highway T	300.951	BB Vic. & SG
,,	Hovell Street T	301.193	BB Vic. & SG
Wodonga Coal Sidings 302.154	Osburn Street T	301.611	BB Vic. & SG
Albury	Olive Street	**647.511	BB Vic. & SG

FL—Flashing Lights. BB—Boom Barriers. T—Equipped with telephone communication. Vic.—Victorian Broad Gauge. SG—Standard Gauge. PBB—Pedestrian Boom Barriers. **—S.R.A. Distance.

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
WODONGA 300.785	Melrose Drive T	299.004	B.B Vic & SG

Effective: 4.2.90
Replaces:

PUBLIC TRANSPORT CORPORATION
VICTORIA

O.1237/93 O.1237/93

DISTRIBUTION
Centrol - Transport House
Spencer St. - Wodonga
South Dynon Locomotive Depot

Emergency Management & Safeworking Unit,
Level 13, Transport House
Phone 14392,
29th October 1993

XPT TRAIN - 130 KM/HR LINE SPEED

Commencing forthwith, XPT trains are authorised to travel at up to 130 km/hr when running on the straight track over crossingwork between Spencer Street and Albury South on the Standard Gauge line subject to any lesser line speed restriction.

Add as an additional note on page no. 86 of the Master Train Plan General Instructions under "The speed of trains when passing over Facing Points worked from an interlocking frame or otherwise securely fastened or over Trailing points" the following:-

When travelling on the straight track between Spencer Street and Albury South, XPT trains are permitted to travel at up to 130 km/hr subject to any lesser line speed restriction.

All concerned to note and arrange.

A. PALERMO
A/Superintendent Safeworking.

Per:-

SOMERTON TO BLUE CIRCLE SIDING (SOMERTON)
SOMERTON TO FORD'S SIDING (UPFIELD)
(STANDARD GAUGE)
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line between	Class of Train	Class of Locomotive				
		G 81 km/h	C km/h	422 X km/h	T km/h	Y (E) km/h
Somerton and Blue Circle Siding (Somerton)	Pass.	§§	N/A	§§	§§	§§
	Goods	15	N/A	15	15	15
Somerton and Ford's Siding (Upfield)	Pass.	§§	N/A	§§	§§	§§
	Goods	40	N/A	40	40	40

SPECIAL SPEED RESTRICTIONS

No Special Speed Restrictions apply.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G 81	C solo or multi with C	C multi with other class			X 422					T solo or multi with T or Y	T multi with other class	Y solo or multi T or Y	Y multi with other class
SOMERTON to: BLUE CIRCLE SIDING (SOMERTON)	**2720**	..	..	..	..	**1560**	..	..	..	..	**930**	**840**	**760**	**680**
SOMERTON to: FORD'S SIDING (UPFIELD)	**4180**	..	..	..	..	**4180**	..	..	..	..	**3760**	**3380**	**1880**	**1690**
UP														
FORD'S SIDING (UPFIELD) to: SOMERTON	**1260**	..	..	..	..	**830**	..	..	..	..	**530**	**480**	**280**	**250**
BLUE CIRCLE SIDING to: SOMERTON	**3070**	..	..	..	..	**2290**	..	..	..	..	**1480**	**1330**	**1090**	**980**

SAFEWORKING SYSTEMS

Siding Conditions Working is in force between Somerton and Blue Circle Siding and is worked in accordance with special instructions contained in the General Appendix and Weekly Notice No. 7/88.

Electric Staff Working is in force between Somerton and Ford's Siding (Upfield).

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Somerton	21.768	910	910	800	782	
Blue Circle Siding (Somerton)	22.50	300	300	..	..	Extension - 300
Ford's Siding (Upfield)	19.00	..	..	359	..	No.5 - 305

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Somerton 21.768	Somerton Road T	21.697	BB Vic & SG

BB — Boom Barriers. Vic — Victorian Broad Gauge. SG — Standard Gauge. T — Equipped with telephone communication.

See Page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

MELBOURNE TO BAIRNSDALE
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive												
		Diesel — Electric Locomotives									Elec. Mult. Unit Train	Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)		R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Spencer Street and Flinders Street (All Lines)	Pass.	30	30	30	30	30	30	30	30	30	30t	30	30	30
	Goods	25	25	25	25	25	25	25	25	25	. .	. .	. .	. .
Flinders Street Platforms and Yardmaster's Footbridge (All Lines)	Pass.	40	40	40	40	40	40	40	40	40	40t	40	40	40
	Goods	25	25	25	25	25	25	25	25	25	. .	. .	. .	. .
Yardmaster's Footbridge and Down Home Signals at Richmond Junction (All Lines)	Pass.	40	40	40	40	40	40	40	40	40	50t	40	40	40
	Goods	25	25	25	25	25	25	25	25	25	. .	. .	. .	. .
Richmond Junction and Richmond (All Lines)	Pass.	50	50	50	50	50	50	50	50	50	65t	50	50	50
	Goods	35	35	35	35	35	35	35	35	35	. .	. .	. .	. .
Richmond and South Yarra (All Lines)	Pass.	50	50	50	50	50	50	50	50	50	65t	50	50	50
	Goods	50	50	50	50	50	50	50	50	50	. .	. .	. .	. .
South Yarra and Caulfield (All lines)	Pass	55	55	55	55	55	55	55	55	55	70t	55	55	55
	Goods	50	50	50	50	50	50	50	50	50	. .	. .	. .	. .
Caulfield and Oakleigh	Pass.	65	65	65	65H	65	65	65	65	65	80t	65	65	65
	Goods	65	65	65	65H	65	65	65	65	65	. .	. .	. .	. .
Oakleigh and Huntingdale	Pass.	80	80	95	95H	95	95	95	65	65	80t	95	95	95
	Goods	80	80	90	90H	90	90	90	90	65	. .	. .	. .	. .
Huntingdale and Dandenong	Pass.	80	80	80	80H	80	80	80	80	65	80t	80	80	80
	Goods	80	80	80	80H	80	80	80	80	65	. .	. .	. .	. .
Dandenong and Pakenham	Pass.	80	80	115	115H	115	115	100	100	65	80t	100	80	95
	Goods	80	80	90	90H	90	90	90	90	65	. .	. .	. .	. .
Pakenham and Warragul (except at Warragul)	Pass.	80	N/A	115	115H	115	115	100	100	65	115t	100	80	95
	Goods	80	N/A	90	90H	90	90	90	90	65	. .	. .	. .	. .
Warragul (between Down Home Arrival Signal No. 2 and Up Home Arrival Signal No. 20)	All Trains	40	N/A	40	40H	40	40	40	40	40	40t	40	40	40
Warragul and Moe	Pass.	80	N/A	115	115H	115	115	100	100	65	. .	100	80	95
	Goods	80	N/A	90	90H	90	90	90	90	65	. .	. .	. .	. .
Moe and Traralgon	Pass.	80	N/A	100	100H	100	100	100	100	65	. .	100	80	95
	Goods	80	N/A	80	80H	80	80	80	80	65	. .	. .	. .	. .
Traralgon and Sale (See Special Speed Restrictions No. 5)	Pass.	N/A	N/A	100	100H	100	100	100	100	65	. .	N/A	80	95
	Goods	N/A	N/A	80	80H	80	80	80	80	65	. .	. .	. .	. .
Except when passing over Bridge at 186.770km (See Special Speed Restrictions No. 5)	Pass.	N/A	N/A	50	65H	50	65	50	100f	65	. .	N/A	80	95
	Goods	N/A	N/A	50	65H	50	65	50	80f	65	. .	. .	. .	. .
Sale and Bairnsdale (See Special Speed Restrictions No. 5)	Pass.	N/A	N/A	100	100H	100	100	100	100	65	. .	N/A	80	80
	Goods	N/A	N/A	80	80H	80	80	80	80	65	. .	. .	. .	. .
Except over the Avon River Bridge at 222.560km (See Special Speed Restrictions No. 5)	All Trains	N/A	N/A	15	15	15	15	15	15	15	. .	N/A	15	15

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

SPECIAL SPEED RESTRICTIONS

1. The following additional restrictions apply to the operation of G, BL and C class locomotives:
   (i) Between Spencer Street and Flinders Street, must be routed via the Through Suburban Viaduct lines and No.9A Track at Flinders Street.
   (ii) Speed is not exceeded at the following locations:
   Flinders Street No.9A Track, while passing over Elizabeth Street Subway-10km/h.
   Hawksburn, while passing over Surrey Road Bridge-30km/h.
   Caulfield, while passing over Station Subways-10km/h.

2. B class locomotives must not exceed 30 km/hr while passing over Surrey Road Bridge at Hawksburn.

3. The speed of all Electric Multiple Unit Trains negotiating any curve where a curve board is provided, must be 5km/h less than the speed shown on the board.

4. (i) 'G' or 'BL' class locomotives. When passing over bridge at 80.66 km (Bunyip River) trains hauled by 'G' class locomotives must not exceed 55 km/h. Special speed boards are provided.
   (ii) 'G' or 'BL' class locomotives. When passing over bridge at 105.00 km (Little Moe River) trains hauled by 'G' class locomotives must not exceed 25 km/h. Special speed boards are provided.
   (iii) When passing over Main Line points on the straight at Moe, Herne's Oak, Morwell, Maryvale A.P.M. and Traralgon, the speed of trains hauled by 'G' or 'BL' class locomotives must not exceed 65 km/h.

5. The following specific 'B' and 'S' class locomotives **only** are permitted to operate over the Avon River Bridge:—
   B61.
   S301, S312, S317.
   Multiple heading of 'S' class locomotives is not permitted over the Avon River Bridge.

6. 'G' or 'BL' class locomotives may when necessary for shunting purposes, and subject to block working rules, be placed onto the Bairnsdale line at Traralgon subject to a maximum speed of 15 km/h. The locomotive must not proceed further than is necessary to clear the points, and unless the return movement be governed by a fixed signal, the locomotive or train must not be allowed foul the points until the Driver, Second Person or Trainee Driver has been verbally instructed to do so by the signalman.

The speed of all trains when passing over Facing Points worked from an interlocking frame or otherwise securely fastened, or over trailing points shall be as shown hereunder:

	Maximum Speed	
	When running to or from lines diverging from the straight track Km/h	When running on the straight track Km/h
Over facing points held by hand	25	25
Oakleigh T.O. Down Line to No. 2	65	80
Oakleigh Crossover No. 2 to Down Line	65	80
Oakleigh T.O. Up Line to No. 1	65	80
Between Oakleigh and Huntingdale	40	95
Between Huntingdale and Dandenong	40	80
Between Dandenong and Moe — except at Bunyip, Longwarry and Moe	40	115
At Bunyip, Longwarry and Moe	65	115
Between Moe and Traralgon — except at Herne's Oak, Morwell Up end No. 2A track, Hazelwood Siding, Maryvale A.P.M. Siding and Morwell Shire Industrial Siding	40	100
At Herne's Oak	40	95
At Morwell Up End No. 2A track	65	95
At Hazelwood, Maryvale A.P.M. Siding and Morwell Shire Industrial Siding	—	95
Between Traralgon and Bairnsdale — except at Traralgon down end No.52 points.	40	100
At Traralgon down end No.52 points	25	100

Effective: 4.2.90
Replaces:

MELBOURNE TO BAIRNSDALE (Cont'd)
RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
TOTTENHAM YARD to:														
South Kensington	3170	3200	3200	2135	2135	2135	2135	2135	1625	1625	1625	1625	1220	1220
SPOTSWOOD to:														
South Kensington	3170	3200	3200	2135	2135	1830	1830	1830	1320	1320	1320	1320	1015	1015
MARIBYRNONG RIVER TERMINAL to:														
South Kensington	2550	. .	. .	1900	1600	1600	1400	1220	820	740	820	740	450	410
Melbourne Yard (Via Goods Lines)	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
North Melb. (Via Pass. Lines)	3170	3200	3200	2135	2135	2135	2135	2135	1625	1625	1625	1625	1220	1220
Flinders Street	3200	2600	2340	2210	1860	2060	1850	1700	1270	1140	1270	1140	850	770
Caulfield (See footnote b below)	1500b	**1270**	**1140**	1140	1040b	1100	990	1015	660	590	660	590b	. .	. .
Westall (See footnote b below)	1620b	1430	1290	1300	1190b	1250	1130	960	740	670b	740	670b	455	410
Dandenong	. . .	. . .	. . .	2490	2590	2800	2520	1940	1300	1170	1300	1170	980	880
Pakenham	1850	3360	3020	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
Warragul	1450			1100	**900**	910	820	**760**	560	500	560	500	405	360
Moe	1510	. .	. .	1200	1000	1100	990	780	600	600	600	540	400	360
Morwell (See footnote r below)	**1270r**	. .	. .	**1030**	930	**860**	**770**	**760**	**540**	**490**	**540**	**490**	**355**	**320**
Traralgon	1980	. .	. .	1410	1260	1250	1130	1150	870	780	870	780	580	520
Rosedale	. .	. .	. .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	460	460
Sale	. .	. .	. .	1820	1220	1390	1250	970	860	770	860	860	700	700
Stratford	. .	. .	. .	2300	2100	2230	2000	1630	1350	1210	1150	1080	1015	1015
Fernbank	. .	. .	. .	1320	990	1090	980	800	650	590	610	550	405	405
BAIRNSDALE	. .	. .	. .	2320	1830	2080	1870	1370	1420	1275	1420	1300	815	815

UP														
BAIRNSDALE to:														
Fernbank	. .	. .	. .	1460	1120	1190	1070	900	680	610	630	570	405	405
Stratford	. .	. .	. .	2390	1920	2040	1840	1510	1000	900	915	820	510	510
Sale	. .	. .	. .	4700	4210	4430	3990	3510	3000	2700	2350	2110	1015	1015
Traralgon	. .	. .	. .	1950	1500	1730	1560	1180	860	770	790	710	460	460
Morwell	1510	. .	. .	1050	880	880	790	760	550	490	550	490	390	350
Moe (See footnote s & p below)	**1360s**	. .	. .	**960p**	**800p**	**850**	**770**	**700**	**500**	**450**	**500**	**450**	**355**	**320**
Warragul	3280	. .	. .	2300	1910	1920	1730	1540	1200	1080	1200	1080	815	730
Drouin (Via Up Line)	. .	. .	. .	2260	1900	1900	1710	1530	1190	1070	1190	1070	730	660
,, (Via Down Line)	. .	. .	. .	1100	900	910	820	760	560	500	560	500	405	360
Pakenham	2910			. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
Dandenong	. . .	. . .	. . .	2260	1900	1900	1710	1530	1190	1070	1190	1070	730	660
Westall	2180	**1500**	**1350**	1370	1240	1360	1220	1000	860	770	860	770	680	610
Caulfield	2500	2220	2000	1980	1780	1900	1710	1440	1000	900	1000	900	810	730
Flinders Street	3600	3100	2800	2470	2260	2390	2150	1830	1430	1280	1430	1280	1100	990
Melbourne Yard (Via Goods Lines)	2300	2020	1800	1760	1760	1550	1400	1380	1060	920	1020	920	830	750
South Kensington	2790	2600	2600	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
MARIBYRNONG RIVER TERMINAL	3000			2260	1900	1900	1710	1530	1190	1070	1190	1070	730	660
North Melb. (Via Pass. Lines)	2300	2020	1800	1760	1760	1550	1400	1380	1060	920	1020	920	830	750
South Kensington	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
SPOTSWOOD	2790	2600	2600	2135	2135	1830	1830	1830	1420	1420	1420	1420	915	915
South Kensington (Via Goods Lines)	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .	. . .
TOTTENHAM YARD	2790	2530	2530	1830	1830	1625	1625	1625	1220	1220	1220	1220	760	760

Notes:—

b — Apex Quarry Block Train of up to 1650 tonnes may be hauled by G, X and T, or S and T class locomotives, provided it is not held at Kilmore East up Home Arrival Signal.

p — For trains conveying briquettes only and non stop at Herne's Oak, may convey 1060 tonnes when hauled by 'N' class locomotive and 910 tonnes when hauled by 'X' or 'S' class locomotives.

r — For trains non-stop through Morwell may convey 1450 tonnes when hauled by 'G' or 'BL' class locomotives.

s — Load up to 1425 tonnes if non-stop at Herne's Oak and hauled by 'G' or 'BL' class locomotives.

Effective: 4.2.90
Replaces:

SAFEWORKING SYSTEMS

Lever Locking and Track Control System (modified) is in force between Spencer Street and Flinders Street (City Circle Viaduct, Burnley Loop Viaduct, Northern Loop Viaduct and Caulfield Loop Viaduct).

Three-position signalling is in force on the Up and Down Through Suburban Viaduct Lines between Spencer Street and Flinders Street and on the Down and Up lines from Flinders Street to Moe.

Automatic Operation System is in force between Bunyip and Longwarry.

Automatic and Track Control System is in force between Moe and Morwell. The points from the Double to Single Line and Signals at Moe are remotely controlled from Morwell. Herne's Oak is an Unattended Crossing Loop at which the points and signals are remotely controlled from Morwell.

Electric Staff Working is in force between Morwell and Traralgon.

Maryvale A.P.M. Siding is provided with an Intermediate Electric Staff Instrument and worked in accordance with instructions shown in the General Appendix.

Train Order Working is in force between Traralgon — Sale, Sale — Stratford Junction, Stratford Junction — Stratford and Stratford — Bairnsdale.

The following locations are switched in as Block Posts:—

OAKLEIGH

Monday — Friday	From 06 00 until 22 00
Saturday	From 06 00 until 22 00
Sunday	Switched Out

GENERAL MOTORS

Monday — Friday	From 07 00 to 08 30 and from 16 00 until 17 15
Saturday	Switched Out
Sunday	Switched Out

General Motors may be switched in at other times as arranged by the Superintendent Metrol and Signalling.

BERWICK Switched In as arranged by the Train Controller, Transport House.

PAKENHAM

Monday — Friday	Always
Saturday	Always
Sunday	From 00 01 until 01 25 and from 09 00 until 18 30

NAR-NAR-GOON Switched in as arranged by the Train Controller, Transport House.

WARRAGUL

Monday — Friday	05 00 until 22 15
Saturday	05 50 until 10 30
Sunday	Switched Out

YARRAGON Switched in as arranged by the Train Controller, Transport House.

TRAFALGAR Switched in Mondays to Saturdays as arranged by the Train Controller, Transport House.

Effective: 4.2.90
Replaces:

MELBOURNE TO BAIRNSDALE (Cont'd)

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Measurements to Nearest Metres				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Spencer Street	—	..	..	..	..	
Flinders Street	1.232	..	..	..	..	
Richmond Junction	2.730	..	..	..	..	
Richmond	3.797	..	..	..	..	
South Yarra	5.413	..	..	..	..	
Hawksburn	6.5	..	..	..	..	
Toorak	8	..	..	..	..	
Armadale	8.5	..	..	..	..	
Malvern	10	..	..	..	..	
Caulfield	11.786	326	271	193	182	1A-271, 3A-158 & Up Thru Sdg-662
Carnegie	13.533	..	..	..	..	
Murrumbeena	14.422	..	..	..	..	
Hughesdale	15.475	..	..	..	..	
Oakleigh	16.586	509	162	170	..	2A-419, 3A-369 & Thru Sdg-792
Huntingdale	18.283	..	..	..	..	
Clayton	20.512	..	..	..	..	
Westall	22.638	..	..	..	..	Thru Sdg-1463 Up Refuge-587
Springvale	24.496	..	..	..	..	
Sandown Park	25.683	..	..	..	..	
Noble Park	27.376	..	..	..	..	
Yarraman	29.039	..	..	..	..	
Dandenong	31.194	166	232	198	310	No.5-422, No.6-295 & A Sdg-404
General Motors	35.075	..	..	..	..	
Hallam	37.452	..	..	..	..	
Narre Warren	40.577	..	..	..	..	
Berwick	44.576	..	..	..	..	
Beaconsfield	46.989	..	..	..	..	
Officer	51.449	..	..	..	..	
Pakenham	58.193	549	549	..	..	
Nar-Nar-Goon	65.805	564	564	..	..	
Tynong	70.803	..	..	..	..	
Garfield	74.935	..	..	..	..	
Bunyip	79.088	..	..	..	..	
Longwarry	83.492	..	..	..	..	
Drouin	92.224	..	..	..	..	
Warragul	99.766	509	509	411	..	
Yarragon	112.216	..	..	579	..	
Trafalgar	120.266	..	..	597	..	
Moe	130.225	..	..	..	..	
Herne's Oak	137.485	675	675	..	..	
Morwell	144.372	293	No. 2A-1887	..	..	
Hazelwood Siding	147.700	..	..	..	..	
Maryvale (A.P.M. Siding)	147.600	..	..	..	..	
Morwell Shire Industrial Siding	148.5	..	..	..	..	
Traralgon	158.072	1008	1008	706	..	
Traralgon Cement Siding	160.5	..	..	..	..	
Rosedale	180.365	..	..	..	..	
City of Sale Industrial Estate Private Siding	204	..	..	..	..	
Sale	206.021	600	600	..	..	
Stratford Junction	220.286	..	..	..	..	
Stratford	222.108	152	152	..	..	
Fernbank	246.225	..	..	..	..	
Hillside	262.924	..	..	..	..	
Bairnsdale	274.848	..	..	160	..	

Effective: 4.2.90
Replaces:

MELBOURNE TO BAIRNSDALE (Cont'd)
FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Caulfield 11.786	Grange Road T	12.574	BB
Carnegie 13.533	Koornang Road T	13.447	BB
Murrumbeena 14.422	Murrumbeena Road	14.338	BB
Hughesdale 15.475	Poath Road	15.377	BB
Clayton 20.512	Clayton Road T	20.425	BB & PBB
,,	Centre Road T	21.278	BB
Westall 22.638	Westall Road T	22.922	BB
Springvale 24.496	Springvale Road	24.419	BB & PBB
Sandown Park 25.683	Corrigan Road T	26.406	BB & PBB
Noble Park 27.376	Heatherton Road T	26.995	BB
Yarraman 29.039	Chandler Road T	28.422	BB & PBB
Dandenong 31.194	Railway Parade (S.E.C. Siding)	30.723	FL
,,	Webster Street T	31.729	BB & PBB
,,	South Gippsland Highway T	33.168	BB & PBB
General Motors 35.075	Progress Street	34.159	BB
Hallam 37.452	Hallam Road T	37.546	BB & PBB
Narre Warren 40.577	Webb Street T	40.609	BB & PBB
,,	Cranbourne Road T	40.981	BB
Berwick 44.576	Berwick-Cranbourne Road T	44.322	BB
Beaconsfield 46.989	Goff Street T	47.345	BB
Officer 51.449	Brunt Road	49.344	BB
,,	Station Street/Officer South Road	51.218	BB
,,	Cardinia Road T	53.636	BB
Pakenham 58.193	McGregor Road T	57.071	BB & PBB
,,	Main Street T	58.023	BB & PBB
,,	Racecourse Road T	58.751	FL
Nar Nar Goon 65.805	Koo-wee-rup Road	65.674	FL
Tynong 70.803	School Road T	70.375	Fl
Bunyip 79.088	Iona Road	78.635	FL
Longwarry 83.492	Yannathan Road T	83.559	BB
Drouin 92.224	Gardiner's Road T	89.828	FL
,,	Lardner's Track T (Up Line only)	95.625	FL
Warragul 99.766	Colman Street T	98.547	BB
,,	Bloomfield Road T	103.070	BB
Yarragon 112.216	Factory Road	111.848	FL
,,	Shady Creek Road	112.605	FL
Trafalgar 120.266	Ashley Street	119.945	FL
,,	Cooks Road	120.838	FL
,,	Telephone Road T	123.507	FL
Moe 130.225	Lloyd Street (Waterloo Road Crossing)	129.445	BB
Morwell 144.372	Tramway Road T	148.244	BB
Traralgon 158.072	Banks Street T	155.494	FL
,,	Liddiard Road	159.310	FL
,,	McNairn Road T	160.221	FL
,,	Minniedale Road T	163.016	FL
Rosedale 180.365	Willung Road T	180.523	FL
,,	Longford Road T	184.298	FL
Sale 206.021	Sale-Cowwarr Road T	197.454	FL
,,	Sale-Heyfield Road T	200.144	FL
,,	Hunt Place T	203.891	FL
,,	Raglan Street T	206.878	FL
,,	Maffra Road	207.895	FL
,,	Myrtle Bank Road T	212.050	FL
,,	McAllister Road	221.839	FL
Stratford 221.108	Hobson Street	222.234	FL
,,	Princes Highway T	222.535	FL
Fernbank 246.225	Dargo-Fernbank Road T	246.004	FL
Bairnsdale 274.848	Lindenow Road T	257.301	FL
,,	Princes Highway T	270.944	FL
,,	Bosworth Street T	272.454	FL
,,	Ligar Street	274.172	FL
,,	McCulloch Street	274.541	HG
,,	Buchanan Street	275.097	FL

BB — Boom Barriers. FL — Flashing Lights. PBB — Pedestrian Boom Barriers. T — Equipped with telephone communication.
HG — Hand Gates.

Effective: 4.2.90
Replaces:

MORWELL TO MORWELL BRIQUETTE SIDING
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Morwell and Morwell Briquette Siding	Pass.	§§ 25	N/A N/A	§§ 25	§§ 25H	§§ 25	§§ 25	§§ 25	§§ 25	§§ 25	N/A . .	N/A . .	N/A . .
	Goods												

SPECIAL SPEED RESTRICTIONS

No Special Speed Restrictions apply.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
MORWELL to: MORWELL BRIQUETTE SIDING . .	**2015**	. .	. .	**1500**	**1200**	**1150**	**1040**	**1050**	**900**	**810**	**900**	**810**	**600**	**540**
UP														
MORWELL BRIQUETTE SIDING to: MORWELL . .	**1650**	. .	. .	**1230**	**990**	**1050**	**810**	**800**	**640**	**580**	**640**	**580**	**340**	**310**

SAFEWORKING SYSTEM

Siding Conditions Working is in force between Morwell and Morwell Briquette Siding.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

		Clear Length of Crossing Roads and Refuge Sidings (Length in Metres)					
	Distance in Kilometres from Melbourne	No. 1	No. 2	No. 3	No. 4	No. 5	Sidings & Extensions
Morwell	144.372	293	. .	. .	. .	. .	No.2A-1887
Morwell Briquette Siding	148	549	549	. .	. .	. .	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

No Flashing Light Signals and Boom Barriers apply.

See Page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

STRATFORD JUNCTION TO MAFFRA
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL km/h	C km/h	N km/h	S X 700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
Stratford Junction and Maffra	Pass.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	§§	§§	N/A	§§	§§
	Goods	N/A	N/A	N/A	N/A	N/A	N/A	N/A	80h	65	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

No Special Speed Restrictions apply.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
STRATFORD JUNCTION to:	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
MAFFRA	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	**1015**	**1015**	**710**	**710**
UP														
MAFFRA to:	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
STRATFORD JUNCTION	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	**760**	**760**	**610**	**610**

SAFEWORKING SYSTEM

Siding Conditions Working is in force between Stratford Junction and Maffra.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)					
		No. 1	No. 2	No. 3	No. 4	No. 5	Sidings & Extensions
Stratford Junction	220.286						
Maffra	228.747	305	305	183	. .	. .	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Maffra 228.747	Sale Road T	228.438	FL

FL — Flashing Lights. T — Equipped with telephone communication.

See Page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

DANDENONG TO WELSHPOOL
BARRY BEACH JUNCTION TO BARRY BEACH
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL km/h	C km/h	N km/h	S X 700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
Dandenong and Cranbourne	Pass.	N/A	N/A	95	95H	95	95	95	95	65	N/A	80	95
	Goods	N/A	N/A	65	65H	65	65	65	65	65	. .	. .	. .
Cranbourne and Nyora	Pass.	N/A	N/A	80	95k	N/A	95n	80	95	65	N/A	80	95
	Goods	N/A	N/A	50	65k	N/A	65n	50	65	65	. .	. .	. .
Nyora and Leongatha	Pass.	N/A	N/A	65	80k	N/A	80n	65	80	65	N/A	80	80
	Goods	N/A	N/A	50	65k	N/A	65n	50	65	65			
Leongatha and Meeniyan	Pass.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	§§	§§	N/A	§§	§§
	Goods	N/A	N/A	N/A	N/A	N/A	N/A	N/A	55h	55	. .	. .	. .
Meeniyan and Buffalo	Pass.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	§§	§§	N/A	§§	§§
	Goods	N/A	N/A	N/A	N/A	N/A	N/A	N/A	40h	40	. .	. .	. .
Buffalo and Barry Beach Junction	Pass.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	§§	§§	N/A	§§	§§
	Goods	N/A	N/A	N/A	N/A	N/A	N/A	N/A	55h	55	. .	. .	. .
Barry Beach Junction and Welshpool	Pass.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	§§	§§	N/A	§§	§§
	Goods	N/A	N/A	N/A	N/A	N/A	N/A	N/A	35h	35	. .	. .	. .
Barry Beach Junction and Barry Beach	Pass.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	§§	§§	N/A	§§	§§
	Goods	N/A	N/A	N/A	N/A	N/A	N/A	N/A	25h	25	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

1. When four-wheeled vehicles are attached to the consist of Goods trains the speed must not exceed 50 km/h between Dandenong and Leongatha.
2. When passing over bridges at 129.038 km between Leongatha and Koonwarra; 136.060 km to 137.000 km (Blackspur Creek, Tarwin River Branches), 140.700 (Tarwin River) between Koonwarra and Meeniyan; 173.123 km (Stockyard Creek) between Fish Creek and Foster and 189.140 km (Agnes River) between Toora and Barry Beach Junction trains hauled by 'T' and 'Y' class locomotives must not exceed 15 km/h. Special speed boards are provided.

The speed of all trains when passing over Facing Points worked from an interlocking frame or otherwise securely fastened, or over trailing points shall be as shown hereunder:

	Maximum Speed	
	When running to or from lines diverging from the straight track Km/h	When running on the straight track Km/h
Over facing points held by hand	25	25
Between Dandenong and Nyora	25	95

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

DANDENONG TO WELSHPOOL (Cont'd)
BARRY BEACH JUNCTION TO BARRY BEACH (Cont'd)
RULING GRADE LOAD (TONNES)

SECTION	CLASS OF LOCOMOTIVES — AUTHORISED LOAD (TONNES)													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
DANDENONG to:														
Lyndhurst	..	..	..	3800	3800	3800	3800	3000	2410	2170	2410	2170	1750	1580
Cranbourne	..	..	..	1250	1140	**1200**	**1200**	**1050**	850	760	850	760	600	540
Lang Lang	..	..	..	1960	1860	..	..	..	1625	1460	1625	1460	1200	1080
Aust. Glass Co. Siding	..	..	..	1600	1300	..	..	..	780	700	760	700	400	360
Nyora	..	..	..	1060	880	..	..	..	560	500	560	500	360	330
Loch	..	..	..	1930	1800	..	..	..	1400	1260	1400	1210	610	550
Korumburra	..	..	..	..	..	..	..	..	**430**	**390**	430	390	**240**	**220**
Leongatha	..	..	..	**840**	**680**	..	..	..	815	730	815	730	430	390
Koonwarra	..	..	..	..	..	..	..	..	..	..	1030	930	540	490
Meeniyan	..	..	..	..	..	..	..	..	..	..	1000	900	700	630
Buffalo	..	..	..	..	..	..	..	..	..	..	610	550	285	260
Fish Creek	..	..	..	..	..	..	..	..	..	..	450	410	**240**	**220**
Foster	..	..	..	..	..	..	..	..	..	..	**405**	**360**	325	290
Barry Beach Junction	..	..	..	..	..	..	..	..	..	..	..	..	..	..
WELSHPOOL	..	..	..	..	..	..	..	..	..	..	1625	1460	1220	1100
Barry Beach Junction	..	..	..	..	..	..	..	..	..	..	..	..	..	..
BARRY BEACH	..	..	..	..	..	..	..	..	..	..	1625	1460	1220	1100
UP														
BARRY BEACH to:														
Barry Beach Junction	..	..	..	..	..	..	..	..	..	..	2340	2110	1210	1090
WELSHPOOL to:														
Barry Beach Junction	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Toora	..	..	..	..	..	..	..	..	..	..	2340	2110	1210	1090
Foster	..	..	..	..	..	..	..	..	..	..	980	880	790	710
Fish Creek	..	..	..	..	..	..	..	..	..	..	**430**	**390**	..	..
Buffalo	..	..	..	..	..	..	..	..	..	..	450	410	285	260
Meeniyan	..	..	..	..	..	..	..	..	..	..	1230	1110	1020	920
Koonwarra	..	..	..	..	..	..	..	..	..	..	900	810	455	410
Leongatha	..	..	..	..	..	..	..	..	..	..	450	410	**230**	**210**
Korumburra	..	..	..	**840**	**550**	..	..	..	**430**	**390**	**430**	**390**	..	..
Loch	..	..	..	930	710	..	..	..	460	410	460	410	280	250
Nyora	..	..	..	1130	870	..	..	..	580	520	580	520	370	330
Aust. Glass Co. Siding	..	..	..	3520	2580	..	..	..	2090	1880	2090	1880	1930	1740
Lang Lang	..	..	..	3800	3800	..	..	..	3800	3420	3800	3420	3800	3420
Cranbourne	..	..	..	1570	1160	..	..	..	1015	830	990	830	520	470
Lyndhurst	..	..	..	..	..	..	..	..	3590	3230	3590	3230	2540	2290
DANDENONG	..	..	..	3800	3800	**3800**	**3800**	**3800**	2960	2660	2960	2660	1690	1520

SAFEWORKING SYSTEMS

Electric Staff Working is in force between Dandenong and Cranbourne.

Train Order Working is in force between Cranbourne — Koo-Wee-Rup, Koo-Wee-Rup — Lang Lang, Lang Lang — Korumburra, Korumburra — Leongatha and Leongatha — Barry Beach.

Siding Conditions Working is in force between Barry Beach Junction and Welshpool.

When required Lyndhurst may be opened as an Intermediate Block Post in accordance with instructions contained in the General Appendix.

Effective: 4.2.90
Replaces:

DANDENONG TO WELSHPOOL (Cont'd)
BARRY BEACH JUNCTION TO BARRY BEACH (Cont'd)
DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)					
		No. 1	No. 2	No. 3	No. 4	No. 5	Sidings & Extensions
Dandenong	31.194	166	232	198	310	422	No.5-422, No.6-295 & A Sdg-404
Commonwealth Eng. Coy's Siding	34.742	..	..	..	..	..	
Containers Ltd. Siding	34	..	..	..	..	..	
Kimberly Clark of Aust. Pty. Ltd. Siding	34	..	..	..	..	..	
Australian Window Glass Siding	35	..	..	..	..	..	
Lyndhurst	38.362	..	..	..	..	..	
Cranbourne	45.082	366	366	..	..	..	
Sperry-New Holland Siding	46.933	..	..	..	..	..	
Koo-wee-rup	67.148	518	518	244	..	..	
Monomeith	70.382	..	..	..	..	..	
Lang Lang	77.404	381	328	..	..	..	
Australian Glass Co. Siding	86.113	..	..	..	..	..	
Nyora	90.507	..	..	..	..	..	
Loch	96.037	..	..	..	..	..	
Korumburra	111.896	229	222	188	160	173	
Ruby	121.510	..	..	..	..	..	
Leongatha	126.735	198	198	168	..	..	
Koonwarra	134.864	..	..	..	..	..	
Meeniyan	142.809	..	..	..	..	..	
Buffalo	153.652	..	..	..	..	..	
Fish Creek	161.413	..	..	..	..	..	
Foster	173.821	..	137	..	..	..	
Toora	183.702	..	..	..	..	..	
Barry Beach Junction	190.025	..	..	..	..	..	
Welshpool	194.024	156	156	..	..	..	
Barry Beach	194.834	247	247	..	..	..	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Dandenong 31.194	Webster Street T	31.729	BB
,,	Green's Road	34.742	FL
Lyndhurst 38.362	Dandenong/Hastings Road T	38.590	FL
Cranbourne 45.082	Thompsons Road T	45.526	FL
,,	Camm's Road T	44.679	FL
,,	South Gippsland Highway T	45.277	FL
,,	Narre Warren Road T	46.227	FL
,,	Berwick Road T	48.106	FL
,,	Clyde/Five Ways Road T	50.047	FL
Koo-wee-rup 67.148	Rossiter Road T	67.346	FL
Lang Lang 77.404	Westernport Road T	77.205	FL
Korumburra 111.896	Bena Road	107.441	FL
,,	Warragul Road T	111.406	FL
Leongatha 126.735	Turner Street	126.077	FL
,,	Roughead Street	126.511	FL
Koonwarra 134.864	South Gippsland Highway	134.623	FL
Meeniyan 142.809	South Gippsland Highway T	144.403	FL
Fish Creek 161.413	Falls Creek Road T	161.233	FL
Foster 173.821	Promontory Road T	172.204	FL
,,	Station Road T	173.610	FL
Toora 183.702	Harriet Street T	183.952	FL
Welshpool 194.024	Barry Beach Road T	190.025	FL

FL — Flashing Lights. BB — Boom Barriers. T — Equipped with telephone communication.

Effective: 4.2.90
Replaces:

CAULFIELD TO LONG ISLAND
LONG ISLAND JUNCTION TO STONY POINT
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Caulfield and Patterson	Pass.	65	65	65	65	65	65	65	65	65	65	65	65
	Goods	50	50	50	50	50	50	50	50	50	. .	. .	. .
Patterson and Moorabbin	Pass.	60	60	60	60	60	60	60	60	60	60	60	60
	Goods	40	40	40	40	40	40	40	40	40	. .	. .	. .
Moorabbin and Mordialloc	Pass.	65	65	65	65	65	65	65	65	65	65	65	65
	Goods	50	50	50	50	50	50	50	50	50	. .	. .	. .
Mordialloc and Long Island Junction	Pass.	80	80	95	95	95	95	95	95	65	95	80	95
	Goods	65	65	65	65	65	65	65	65	65	. .	. .	. .
Long Island Junction and Long Island	All Trains	15	15	15	15	15	15	15	15	15	15	15	15
Long Island Junction and Bittern	Pass.	80	80	95	95H	95	95	95	95	65	95	80	95
	Goods	65	65	65	65H	65	65	65	65	65	. .	. .	. .
Bittern and Stony Point (See Special Speed Restrictions — Note 4)	Pass.	N/A	N/A	60	60H	60	60	60	60	60	60	60	60
	Goods	N/A	N/A	50	50H	50	50	50	50	50	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

1. G, BL and C Class locomotives whilst passing over Station Subway at Caulfield are restricted to 10 km/h.
2. All trains passing through Up Caulfield Through Siding are restricted to 10 km/h.
3. All trains passing over Glenhuntly Road Level Crossing at Up end of Glenhuntly are restricted to 30 km/h.
4. Rail Motor trains are permitted 80 km/h between Bittern and Crib Point except approaching Naval Base Road, which must be approached at a speed not exceeding 65 km/h for 'Down' trains and 30 km/h for 'Up' trains.

The speed of all trains when passing over Facing Points worked from an interlocking frame or otherwise securely fastened, or over trailing points shall be as shown hereunder:

	Maximum Speed	
	When running to or from lines diverging from the straight track Km/h	When running on the straight track Km/h
Over facing points held by hand	25	25
Moorabbin T.O. Up Line to No. 1 Platform	65	80
Moorabbin Crossover No. 2 Platform to Down Line	65	80
Between Mordialloc and Somerville	40	80

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

CAULFIELD TO LONG ISLAND (Cont'd)
LONG ISLAND JUNCTION TO STONY POINT (Cont'd)
RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
CAULFIELD to:														
Moorabbin													660	660
Cheltenham													815	815
Frankston (See Note)				2030	2030			1830	1525	1525	1525	1525	1015	1015
Baxter				**865**	**865**			**710**	**455**	**455**	**455**	**455**	**365**	**365**
Somerville (See Note)													425	425
Long Island Junction														
LONG ISLAND	**1450**	**1100**	**1100**	1700	1700	**850**	**850**		1000	1000	1000	1000	700	700
Long Island Junction														
STONY POINT				1400	1400	**850**	**850**	1120	690	690	690	690	510	510
UP														
STONY POINT to:														
Long Island Junction				915	915	**850**	**850**	**760**	510	510	510	510	865	865
LONG ISLAND to:														
Long Island Junction														
Somerville (See Note)				915	915			**760**	510	510	510	510	865	865
Baxter				1420	1420			1220	1220	1220	1220	1220	815	815
Frankston (See Note)				**865**	**865**			780	**455**	**455**	**455**	**455**	**365**	**365**
CAULFIELD	**1450**	**1100**	**1100**	1830	1830	**850**	**850**	1830	1120	1120	1120	1120	530	530

NOTE:—A vehicle limit of train load length is restricted to 370 metres due to crossing purposes.

SAFEWORKING SYSTEMS

Three position signalling is in force on the Down and Up lines between Caulfield and Frankston (Centre Line Caulfield — Moorabbin two way running. All points and signals at Moorabbin being operated by remote control from Caulfield).

Electric Staff Working is in force between Frankston — Somerville, Somerville — Long Island Junction and Long Island Junction — Hastings.

Long Island Junction is an unattended Electric Staff Station worked in accordance with special instructions, page 243 of the General Appendix and published in Weekly Notice No. 9/1989.

Long Island Junction is attended on Monday to Friday from 09 45 — 17 45.

Siding Conditions Working is in force between Long Island Junction and Long Island.

Staff and Ticket Working is in force between Hastings and Stony Point (Crib Point may be opened as a Staff Station).

Effective: 4.2.90
Replaces:

CAULFIELD TO LONG ISLAND (Cont'd)
LONG ISLAND JUNCTION TO STONY POINT (Cont'd)
DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

		Clear Length of Crossing Roads and Refuge Sidings (Length in Metres)				
	Distance in Kilometres from Melbourne	No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Caulfield	11.786	326	271	193	182	1A-271, 3A-158 & up Thru-662
Glenhuntly	13.459	..	..	..	..	
Ormond	14.902	..	..	..	..	
McKinnon	15.716	..	..	..	..	
Bentleigh	16.522	..	..	..	..	
Patterson	17.385	..	..	..	..	
Moorabbin	18.446	152	152	160	..	
Highett	20.063	..	..	..	..	
Cheltenham	22.425	..	..	..	..	
Mentone	24.358	..	..	..	..	
Parkdale	25.929	..	..	..	..	
Mordialloc	27.693	177	184	172	..	
Aspendale	30.312	..	..	..	..	
Edithvale	31.665	..	..	..	..	
Chelsea	33.366	..	..	..	..	
Bonbeach	34.612	..	..	..	..	
Carrum	36.096	..	..	..	..	
Seaford	39.954	..	..	..	..	483-Refuge Siding
Kananook	41.430	..	..	..	..	
Frankston	43.923	229	249	249	183	No.4 Ext (A)-202
Leawarra	45.766	..	..	..	..	
Baxter	51.974	..	..	..	..	
Somerville	55.817	370	370	..	..	
Tyabb	59.839	..	..	..	..	
Long Island Junction	61.43	..	..	..	..	
Long Island (Coil Steel Area)	65.71	387	372	357	..	
,, ,, (Slab Steel Area)	..	380	380	380	..	Extension-59
Hastings	64.989	161	161	..	..	
Bittern	68.669	..	..	..	..	
Stopping Place No.15	70.957	..	..	..	..	
Crib Point	72.829	181	181	..	..	
Stony Point	74.588	121	121	..	..	

Effective: 4.2.90
Replaces:

CAULFIELD TO LONG ISLAND (Cont'd)
LONG ISLAND JUNCTION TO STONY POINT (Cont'd)
FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Glenhuntly 13.459	Neerim Road	13.371	BB & PB
,,	Glenhuntly Road	13.459	BB & PB
Ormond 14.902	North Road T	14.994	BB & PB
McKinnon 15.716	McKinnon Road T	15.796	BB & PB
Bentleigh 16.522	Centre Road	16.599	BB & PB
Highett 20.063	Wickham Road T	19.630	BB
,,	Highett Road	20.140	BB & PBB
Cheltenham 22.425	Park Road T	22.216	BB
,,	Charman Road	22.534	BB & PBB
,,	Latrobe Street T	23.359	BB
Mentone 24.358	Balcombe Road T	24.259	BB
,,	Warrigal Road	25.142	BB & PBB
Parkdale 25.929	Parkers Road	26.015	BB & PBB
Mordialloc 27.693	McDonald Street	27.583	BB & PBB
,,	Bear Street	27.802	BB & PBB
,,	Station Street T	28.407	BB & PBB
Aspendale 30.312	Grove Street T	30.411	BB & PBB
Edithvale 31.665	Lochiel Avenue	31.206	BB & PBB
,,	Edithvale Road T	31.753	BB
Chelsea 33.366	Swanpool Avenue T	32.836	BB & PBB
,,	Chelsea Road T	33.284	BB & PBB
,,	Argyle Avenue T	33.795	BB
Bonbeach 34.612	Bondi Road T	34.698	BB
Carrum 36.096	Mascot Avenue T	35.547	BB & PBB
,,	Beach Street T	35.957	BB
,,	Eel Race Road T	36.819	BB
Seaford 39.354	Armstrongs Road T	38.090	BB
,,	Station Street T	39.225	BB
,,	Seaford Road T	40.038	BB
Frankston 43.923	Skye Road T	42.424	BB
,,	Beach Street	43.753	BB & PBB
Leawarra 45.766	Clarendon Street T	45.068	BB
,,	McMahons Road T	45.269	BB
,,	Hillcrest Road T	46.203	BB
,,	Robinsons Road	50.100	FL
Baxter 51.974	Golf Links Road T	50.917	FL
,,	Baxter-Tooradin Road T	52.168	FL
,,	Frankston-Flinders Road/Hastings Road T	53.295	FL
Somerville 55.817	Eramosa Road West T	55.603	FL
,,	Park Lane T	56.573	FL
,,	Bungower Road T	57.375	FL
Tyabb 59.839	Mornington Road T	60.034	FL
,,	Frankston-Flinders Road T	62.436	FL
,,	Bayview Road	64.344	FL
Hastings 64.989	Grayden's Road T	62.747	FL
,,	Hodgins Road T	64.378	FL
,,	Cool Store Road T	64.725	FL
,,	Frankston-Flinders Road/Stony Point Road	65.246	FL
,,	Reid Parade T	66.175	FL
Bittern 68.669	Stony Point Road T	67.681	FL
,,	Woolleys Road T	69.012	FL
Crib Point 72.829	Disney Street T	70.910	FL
,,	Naval Base Road T	72.591	FL

BB — Boom Barriers. FL — Flashing Lights. PB — Pedestrian Barriers. PBB — Pedestrian Boom Barriers.
T — Equipped with telephone communication.

Effective: 4.2.90
Replaces:

MELBOURNE YARD TO WEBB DOCK
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Melbourne Yard and Webb Dock	Pass. Goods	§§ 25	§§ 25	§§ 25	§§ 25H	§§ 25	§§ 25	§§ 25	§§ 25	§§ 25	§§ . .	§§ . .	§§ . .

SPECIAL SPEED RESTRICTIONS

No Special Speed Restrictions apply.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
MELBOURNE YARD to: WEBB DOCK (See Note) . .	**2400**	. .	. .	**1725**	**1725**	**1725**	**1725**	**1725**	**825**	**825**	**825**	**825**	**475**	**475**
UP														
WEBB DOCK to: MELBOURNE YARD (See Note) . .	**2250**	. .	. .	**1500**	**1500**	**1500**	**1500**	**1500**	**675**	**675**	**675**	**675**	**400**	**400**

NOTE: Trains are restricted to a maximum length of 15 bogie vehicles due to siding capacity.

SAFEWORKING SYSTEM

Train Staff and Ticket Working is in force between Melbourne Yard (West Tower) and Webb Dock. (Train Staff Tickets are not issued).

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Melbourne Yard	. .	. .	. .	. .	. .	
Webb Dock	7.837	300	300	300	. .	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Melbourne Yard	Piggott St./Johnson St./Footscray Rd. . . .	0.706	FL
,, ...	North Wharf Rd. with 2 Pedestrian Crossings . .	1.057	FL
,, ...	Nos. 12-14 South Wharf	1.646	FL
,, ...	Nos. 15-19 South Wharf	1.922	FL
,, ...	No. 21 South Wharf	2.715	FL
,, ...	Nos. 27-32 South Wharf Exit	3.312	FL
,, ...	Lorimer St. with Pedestrian Crossing on 'Down' End	4.609	FL
,, ...	S.E.C. Gate	4.805	FL
,, ...	Wharf Rd. with 2 Pedestrian Crossings . . .	5.062	FL
,, ...	Williamstown Rd. with Pedestrian Crossing on 'Down' End	6.888	FL
Webb Dock 7.837	Nos. 27-32 South Wharf Entrance	4.131	FL

FL—Flashing Lights.

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

NORTH MELBOURNE TO SOMERTON (VIA COBURG)
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL km/h	C km/h	N km/h	S X 700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
North Melbourne and Arden Street	Pass.	N/A	N/A	N/A	N/A	N/A	N/A	65	65h	65	N/A	65	65
	Goods	N/A	N/A	N/A	N/A	N/A	N/A	65	65h	65	. .	. .	. .
Arden Street and Jewell	Pass.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	65h	65	N/A	65	65
	Goods	N/A	N/A	N/A	N/A	N/A	N/A	N/A	65h	65	. .	. .	. .
Jewell and Upfield	Pass.	N/A	N/A	65	65H	65	65	65	65	65	65	65	65
	Goods	N/A	N/A	65	65H	65	65	65	65	65	. .	. .	. .
Upfield and Somerton	Pass.	§§	N/A	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§
	Goods	40	N/A	40	40H	40	40	40	40	40	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

1. All trains passing through sidings between Arden Street and Macaulay are restricted to 10 km/h.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
MELBOURNE YARD to:														
Arden Street	. .	. .	. .	. .	. .	. .	. .	. .	. .	**510**	**510**	. .	. .	. .	. .
Jewell	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	**510**	**510**	. .	. .
Moreland	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	760	760
Coburg	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	1220	1220	915	915
Fawkner	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	760	760	490	490
Upfield	. .		. .	. .								**510**	**510**	. .	. .
SOMERTON	. .	**1260**	. .	. .	**990**	**830**	**750**	**680**	**640**	630	570	530	480	**280**	**250**

UP															
SOMERTON to:															
Upfield	. .	**4180**	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
Jewell	. .		. .	. .	**4180**	**4180**	**4180**	**4180**	**4180**	3760	3760	3760	3760	1880	1690
Arden Street	. .	. .	. .	. .											
MELBOURNE YARD	. .	. .	. .	. .	. .	. .	. .	. .	. .	**1625**	**1625**	**1625**	**1625**	**865**	**865**

SAFEWORKING SYSTEMS

Three Position Signalling is in force on the Down and Up lines between North Melbourne Junction and Jewell.

Double Line Block System Working is in force on the Down and Up lines between Jewell-Brunswick, Brunswick-Moreland, Moreland-Coburg, Coburg-Batman and Batman-Fawkner.

Staff and Ticket Working is in force between Fawkner-Gowrie and Gowrie-Upfield.

Electric Staff Working is in force between Upfield and Somerton.

An Intermediate Electric Staff Instrument is provided at Ford's Siding Upfield.

See Page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

NORTH MELBOURNE TO SOMERTON (VIA COBURG) (Cont'd)
DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Spencer Street	—	..	..	..	..	
North Melbourne	01.715	..	..	..	..	
Arden Street	02.00	..	..	..	..	
Macaulay	03.254	..	..	..	..	
Flemington Bridge	04.062	..	..	..	..	
Royal Park	05.461	..	..	..	..	
Jewell	06.502	..	..	..	..	
Brunswick	07.312	..	..	..	..	
Anstey	08.043	..	..	..	..	
Moreland	08.784	..	..	..	..	
Coburg	10.116	..	..	..	..	
Batman	11.225	..	..	..	..	
Merlynston	12.492	..	..	..	..	
Fawkner	13.225	..	..	..	..	
Gowrie	14.730	..	..	..	..	
Upfield	18.856	..	..	..	..	
Ford's Siding	22.98 (Via Essendon)	335	205	359	..	
Somerton	21.77 (Via Essendon)	..	..	..	..	A-449

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Macaulay 3.254	Arden Street T	2.688	BB
,,	Macaulay Road T	3.188	BB
Royal Park 5.461	Poplar Road	5.378	BB
Jewell 6.502	Park Street	6.181	HG
,,	Brunswick Road	6.287	HG
,,	Barkly Street	6.406	HG
,,	Union Street	6.606	IG
,,	Dawson Street	6.906	HG
Brunswick 7.312	Albert Street	7.212	HG
,,	Victoria Street	7.414	IG
Anstey 8.043	Hope Street	7.720	HG
,,	Albion Street	8.109	IG
Moreland 8.784	Tinning Street	8.242	HG
,,	Moreland Road	8.715	BB
Coburg 10.116	Reynard Street	9.469	HG
,,	Munro Street	9.876	BB
,,	Bell Street T	10.289	BB
,,	O'Heas Street	10.693	HG
Batman 11.225	Gaffney Street	11.097	IG, RFL
,,	Bakers Road T	11.818	BB & PBB
Merlynston 12.492	Short's Road T	12.202	BB & PBB
,,	Boundary Road T	12.770	BB & PBB
Fawkner 13.225	Cemetery Entrance T	13.352	FL
Gowrie 14.730	Box Forest Road T	14.369	FL
,,	Camp Road	16.059	BB
Upfield 18.856	Barry's Road	18.755	FL
Somerton 21.768	Somerton Road T	21.697 (Via Essendon)	BB

BB — Boom Barriers. FL — Flashing Lights. HG — Hand Gates. IG — Interlocked Gates. PBB — Pedestrian Boom Barriers. RFL — Red Flashing Light. T — Equipped with telephone communication.

Effective: 4.2.90
Replaces:

NEWMARKET TO FLEMINGTON RACECOURSE
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Newmarket and Flemington Racecourse	Pass.	N/A	N/A	30	30H	30	30	30	30	30	30	30	30
	Goods	N/A	N/A	15	15H	15	15	15	15	15	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

No Special Speed Restrictions apply.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
NEWMARKET to: FLEMINGTON RACECOURSE . .	. .	. .	. .	**1525**	**1525**	**1420**	**1420**	**1420**	**1015**	**1015**	**1015**	**1015**	**610**	**610**
UP														
FLEMINGTON RACECOURSE to: NEWMARKET . .	. .	. .	. .	**1525**	**1525**	**1420**	**1420**	**1420**	**1015**	**1015**	**1015**	**1015**	**610**	**610**

SAFEWORKING SYSTEM

Two Position Automatic Signalling is in force on the Down and Up lines between Newmarket and Flemington Racecourse (when trains are operating).

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Newmarket	4.301	. .	. .	. .	. .	
Showgrounds Platform	5.733	. .	. .	. .	. .	
Flemington Racecourse	6.588	335	335	310	306	Loop Line-220

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Newmarket 4.301	Ascot Vale Road	5.136	HG

HG — Hand Gates.

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

MARIBYRNONG RIVER JUNCTION TO MARIBYRNONG RIVER TERMINAL
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL km/h	C km/h	N km/h	S 1700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
Maribyrnong River Junction and Maribyrnong River Terminal	Pass.	§§	N/A	§§	§§	§§	§§	§§	§§	§§	N/A	§§	§§
During Clear daylight	Goods	15	N/A	15	15H	15	15	15	15	15	N/A	. .	. .
During Fog or darkness	Goods	10	N/A	10	10H	10	10	10	10	10	N/A	. .	. .

SPECIAL SPEED RESTRICTIONS

No Special Speed Restrictions apply.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
MARIBYRNONG RIVER JUNCTION to: MARIBYRNONG RIVER TERMINAL . .	**3000**	. .	. .	**2260**	**1900**	**1900**	**1710**	**1530**	**1190**	**1070**	**1190**	**1070**	**730**	**660**
UP														
MARIBYRNONG RIVER TERMINAL to: MARIBYRNONG RIVER JUNCTION . .	**2550**	. .	. .	**1900**	**1600**	**1600**	**1400**	**1220**	**820**	**740**	**820**	**740**	**450**	**410**

SAFEWORKING SYSTEM

Siding Conditions Working is in force between Maribyrnong River Junction and Maribyrnong River Terminal.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Maribyrnong River Junction	4.43	. .	. .	. .	. .	
Maribyrnong River Terminal	6.80	. .	. .	. .	. .	C Sdgs-No.1-399, No.2-348 & No.3-348

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

No Flashing Light Signals or Boom Barriers apply.

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

SPOTSWOOD TO SPOTSWOOD OIL SIDING
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Spotswood and Spotswood Oil Siding	Pass. Goods	§§ 15	§§ 15	§§ 15	§§ 15H	§§ 15	§§ 15	§§ 15	§§ 15	§§ 15	§§ . .	§§ . .	§§ . .

SPECIAL SPEED RESTRICTIONS

No Special Speed Restrictions apply.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
SPOTSWOOD to: SPOTSWOOD OIL SIDING . .	. .	. .	. .	**1830**	**1830**	**1830**	**1830**	**1830**	**1830**	**1830**	**1830**	**1830**	**1220**	**1220**
UP														
SPOTSWOOD OIL SIDING to: SPOTSWOOD . .	. .	. .	. .	**1220**	**1220**	**1220**	**1220**	**710**	**815**	**815**	**815**	**815**	**530**	**530**

SAFEWORKING SYSTEM

Siding Conditions Working is in force between Spotswood and Spotswood Oil Siding.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Spotswood	9.220	. .	. .	. .	. .	
Spotswood Oil Siding	10.220	. .	. .	. .	. .	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Spotswood 9.220	Hall Street T	9.777	BB
,, ...	Burleigh Street (Caltex Oil Siding)	10.518	FL
,, ...	Burleigh Street (Mobil Oil and M.H.T. Sdg.) . .	10.662	FL
,, ...	Douglas Parade (Mobil Oil and M.H.T. Sdg.)	10.762	FL

BB — Boom Barriers. FL — Flashing Lights. T — Equipped with telephone communication.

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

NEWPORT TO WILLIAMSTOWN
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL km/h	C km/h	N km/h	S X 700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
Newport and Williamstown	Pass.	65	65	65	65H	65	65	65	65	65	65	65	65
	Goods	50	50	50	50H	50	50	50	50	50	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

No Special Speed Restrictions apply.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
NEWPORT to: WILLIAMSTOWN . .	. .	. .	. .	**2135**	**2135**	**2135**	**2135**	**1830**	**1420**	**1420**	**1420**	**1420**	**915**	**915**
UP														
WILLIAMSTOWN to: NEWPORT . .	. .	. .	. .	**2135**	**2135**	**2135**	**2135**	**2135**	**1830**	**1830**	**1830**	**1830**	**1220**	**1220**

SAFEWORKING SYSTEM

Double Line Block System Working is in force on the Down and Up lines between Newport 'A' Box and Williamstown.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Newport	10.555	. .	. .	. .	. .	E Sdg-543, Goods Loop-543
North Williamstown	12.265	. .	. .	. .	. .	
Williamstown Beach	13.181	. .	. .	. .	. .	
Williamstown	14.204	. .	. .	. .	. .	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
North Williamstown 12.265	Ferguson Street	12.343	BB
Williamstown 14.204	Giffard Street T	13.619	BB

BB — Boom Barriers. T — Equipped with telephone communication.

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

NEWPORT TO NEWPORT WORKSHOPS

LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL km/h	C km/h	N km/h	S X 700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
Newport and Newport Workshops													
During Clear Weather	All Trains	15	15	15	15	15	15	15	15	15	15	15	15
During Foggy Weather	All Trains	10	10	10	10	10	10	10	10	10	10	10	10

SPECIAL SPEED RESTRICTIONS

No Special Speed Restrictions apply.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
NEWPORT to: NEWPORT WORKSHOPS	..	..	..	..	..	..	..	..	..	..	..	..	..	..
UP														
NEWPORT WORKSHOPS to: NEWPORT	..	..	..	..	..	..	..	..	..	..	..	..	..	..

SAFEWORKING SYSTEM

Siding Conditions Working is in force between Newport and Newport Workshops.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Newport	10.56	..	..	..	..	
Newport Workshops	11.47	..	..	..	..	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

No Flashing Light Signals and Boom Barriers apply.

See Page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

ALTONA JUNCTION TO -LAVERTON (VIA WESTONA)
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive												
		Diesel — Electric Locomotives									Elec. Mult. Unit Train	Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)		R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Altona Junction and Altona	Pass.	50	50	50	50H	50	50	50	50	50	65t	50	50	50
	Goods	50	50	50	50H	50	50	50	50	50	. .	. .	. .	. .
Altona and Laverton	Pass.	80	80	80	80H	80	80	80	80	65	80t	80	80	80
	Goods	60	60	60	60H	60	60	60	60	60	. .	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

1. The speed of all trains when passing over facing points worked from an interlocking frame or otherwise securely fastened, or over trailing points will be shown hereunder:

	Maximum Speed	
	When running to or from lines diverging from the straight track Km/h	When running on the straight track Km/h
Altona Junction T.O. East Line to Westona Line	65	65
Laverton Loop T.O. Up End	65	80
Laverton Loop T.O. Down End	65	80
Laverton Junction T.O.	65	115
Laverton Crossover East Line to West Line (Up End)	65	115

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
ALTONA JUNCTION to: LAVERTON	**2790**	**2600**	**2600**	**2135**	**2135**	**2135**	**2135**	**2135**	**1320**	**1320**	**1320**	**1320**	**745**	**745**
UP														
LAVERTON to: ALTONA JUNCTION	**3170**	**2700**	**2700**	**2135**	**2135**	**1830**	**1830**	**1830**	**1420**	**1420**	**1420**	**1420**	**1015**	**1015**

SAFEWORKING SYSTEM

Automatic and Track Control System Working is in force between Altona Junction and Laverton, with Crossing Loops at Altona Junction, Westona and Laverton.

Altona Junction, Westona, Laverton Holding Loop and Laverton are remotely controlled from a Signal Control panel in Newport 'A' Box. Laverton may be switched in for local operation in emergencies.

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

ALTONA JUNCTION TO LAVERTON (VIA WESTONA) (Cont'd)
DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Altona Junction	13.28	..	..	..	..	Holding Loop-203
Seaholme	16.458	..	..	..	..	
Altona	17.479	..	..	..	..	
Westona	18.854	168	168	..	..	
Laverton	22.889	..	..	..	..	Holding Loop-160
,,	*21.005	..	..	..	..	

* — Distance Via Mainline.

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Seaholme 16.127	Kororoit Creek Road T	14.346	BB & PBB
,,	Civic Parade T	16.095	BB & PBB
,,	Millers Road T	16.672	BB & PBB
Altona 17.148	Pier Street	17.479	BB & PBB
,,	Upton Street (Foot-Crossing)	17.148	PBB
Westona 18.513	Grieve Parade	18.531	BB & PBB
,,	Maidstone Street	19.231	BB & PBB

BB — Boom Barriers. PBB — Pedestrian Boom Barriers. T — Equipped with telephone communication.

Effective: 4.2.90
Replaces:

SUNSHINE TO BROOKLYN
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Sunshine and Brooklyn	Pass.	50	40	50	50	50	50	50	50	50	50	50	50
	Goods	50	40	50	50	50	50	50	50	50	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

No Special Speed Restrictions apply.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
UP:	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
SUNSHINE to: BROOKLYN . .	**3200**	**3200**	**3200**	**2135**	**2135**	**2135**	**2135**	**2135**	**2135**	**2135**	**2135**	**2135**	**1220**	**1220**
DOWN														
BROOKLYN to: SUNSHINE . .	**3170**	**2500**	**2500**	**1830**	**1830**	**1830**	**1830**	**1830**	**1220**	**1220**	**1220**	**1220**	**815**	**815**

SAFEWORKING SYSTEM

Electric Staff Working is in force between Brooklyn and Sunshine.

An Intermediate Electric Staff Instrument is provided at Western and Metropolitan Market Trust Siding.

Brooklyn is manned from 05 00 Monday until 15 00 Saturday.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Sunshine	12.302	. .	. .	. .	. .	B Sdg-345
Grain Elevator Board Siding	. .	. .	. .	. .	. .	
Western and Metropolitan Market Trust Siding	. .	. .	. .	. .	. .	
Brooklyn	15.490	. .	. .	. .	. .	No.1 Sdg-525

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Sunshine 12.302	Sunshine Road T	17.125 (Via Newport)	BB
Brooklyn 15.490	Somerville Road T	15.497 (,, ,,)	BB

BB — Boom Barriers. T — Equipped with telephone communication.

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

FLINDERS STREET TO HURSTBRIDGE
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Flinders Street and Auto. Signal 092 (Down) or 097 (Up) (Clifton Hill Line)	Pass.	N/A	N/A	40	40H	40	40	40	40	40	40	40	40
	Goods	N/A	N/A	25	25H	25	25	25	25	25	. .	. .	. .
Auto. Signal 092 (Down) or 097 (Up) and Clifton Hill	Pass.	N/A	N/A	50	50H	50	50	50	50	50	50	50	50
	Goods												
	-Down	N/A	N/A	30	30H	30	30	30	30	30	. .	. .	. .
	-Up	N/A	N/A	25	25H	25	25	25	25	25	. .	. .	. .
Clifton Hill and Eltham	Pass.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	65h	65	N/A	65	65
	Goods	N/A	N/A	N/A	N/A	N/A	N/A	N/A	50h	50	. .	. .	. .
Eltham and Hurstbridge	Pass.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	50h	50	N/A	50	50
	Goods	N/A	N/A	N/A	N/A	N/A	N/A	N/A	50h	50	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

1. The speed of any train or locomotive on any running line or siding, or when being shunted to or from any siding and a running line at Flinders Street, must not exceed 25 km/h, between the viaducts on the West side and the Swanston Street Bridge on the East Side.

   This is subject to the special speeds specified hereunder:

   (i) From the West End of No. 1A West Track to Swanston Street Bridge (East-Bound Trains Only). — 15 km/h.

   (ii) Up trains from the Clifton Hill line between the overhead bridge near Auto. Signal 097 and the platform. Speed must not be increased after passing Home Signal No. 183. — 15 km/h.

   (iii) Down trains to Clifton Hill line between the platform and the Wellington Parade South Overbridge. — 15 km/h.

2. The Speed of all trains when passing over facing points worked from an interlocking frame otherwise securely fastened, or over trailing points will be shown under.

	Maximum Speed	
	When running to or from lines diverging from the Straight Track km/h	When running on the Straight track Km/h
Rosanna T.O. Up Line to Single Line	65	65

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C solo or multi with other class	N	S X	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
FLINDERS STREET to:														
Clifton Hill	. .	. .	. .	. .	. .	. .	. .	. .	. .	**610**	**610**	610	610	365	365
Fairfield	. .	. .	. .	. .								1220	1220	815	815
Heidelberg	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	610	610	355	355
Macleod	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	510	510
Eltham	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	**385**	**385**	. .	. .
HURSTBRIDGE	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	610	610	**305**	**305**
UP														
HURSTBRIDGE to:														
Eltham	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	1420	1420	1015	1015
Macleod	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	**385**	**385**	**305**	**305**
Heidelberg	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	355	355
Fairfield	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	425	425
Clifton Hill	. .	. .	. .	. .								1525	1525	710	710
FLINDERS STREET	. .	. .	. .	. .	. .	. .	. .	. .	. .	**1525**	**1525**	1525	1525	1015	1015

See Page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

SAFEWORKING SYSTEMS

Three Position Signalling is in force on the Down and Up lines between Flinders Street and Greensborough.

Electric Staff Working is in force between Greensborough and Eltham.

Staff and Ticket Working is in force between Eltham and Hurstbridge (Diamond Creek may be opened as a Staff Station).

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Spencer Street	. .	. .	. .	. .	. .	
Flinders Street	1.232	. .	. .	. .	. .	
Jolimont	2.905	. .	. .	. .	. .	
West Richmond	3.659	. .	. .	. .	. .	
North Richmond	4.163	. .	. .	. .	. .	
Collingwood	4.834	. .	. .	. .	. .	
Victoria Park	5.423	. .	. .	. .	. .	
Clifton Hill	6.602	152	149	. .	. .	No.1A-148
Westgarth	7.551	. .	. .	. .	. .	
Dennis	8.398	. .	. .	. .	. .	
Fairfield	9.154	. .	. .	. .	. .	Goods Sdg-216
Alphington	10.458	. .	. .	. .	. .	
Darebin	11.215	. .	. .	. .	. .	
Ivanhoe	12.144	. .	. .	. .	. .	
Eaglemont	13.089	. .	. .	. .	. .	
Heidelberg	14.042	234	200	194	. .	
Rosanna	15.795	. .	. .	. .	. .	
Macleod	17.710	. .	. .	. .	. .	
Watsonia	19.921	. .	. .	. .	. .	
Greensborough	22.934	150	162	. .	. .	
Montmorency	24.746	. .	. .	. .	. .	
Eltham	27.389	158	157	133	122	Back Track-175
Diamond Creek	32.630	191	191	. .	. .	
Wattleglen	35.058	. .	. .	. .	. .	
Hurstbridge	38.019	180	. .	. .	. .	

FLASHING SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Clifton Hill 6.602	Ramsden Street	6.420	IG
Westgarth 7.551	Westgarth Street	7.478	BB
Dennis 8.398	Victoria Road T	8.561	BB
Fairfield 9.154	Station Street T	9.253	BB
Alphington 10.458	Grange Road T	9.891	BB
,,	Yarralea Street T	10.591	BB
Ivanhoe 12.144	Marshall Street T	12.332	BB
Rosanna 15.795	Lower Plenty Road T	15.889	BB
Macleod 17.710	Ruthven Street T	17.285	BB
Eltham 27.389	Diamond Street T	27.615	BB
,,	Railway Road T	28.311	BB
,,	Wattletree Road T	28.657	BB
Diamond Creek 32.630	Allandale Road T	30.544	FL
,, ,,	Hurstbridge Road T	32.456	BB & PBB
Wattleglen 35.058	Wilson Road T	35.204	BB

BB — Boom Barriers. FL — Flashing Lights. IG — Interlocked Gates. T — Equipped with telephone communication.
PBB — Pedestrian Boom Barriers.

Effective: 4.2.90
Replaces:

CLIFTON HILL TO EPPING
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL km/h	C km/h	N km/h	S X 700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
Clifton Hill and Epping	Pass.	N/A	N/A	65	65H	65	65	65	65	65	65	65	65
	Goods	N/A	N/A	50	50H	50	50	50	50	50	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

No Special Speed Restrictions apply.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
CLIFTON HILL to:														
Northcote	. .	. .	. .	. .	. .	. .	. .	. .	815	815	815	815	. .	. .
Bell	. .	. .	. .	. .	. .	. .	. .	. .	610	610	610	610	. .	. .
Reservoir	. .	. .	. .	. .	. .	. .	. .	. .	**510**	**510**	**510**	**510**	**355**	**355**
EPPING	. .	. .	. .	. .	. .	. .	. .	. .	1015	1015	1015	1015	610	610
UP														
EPPING to:														
CLIFTON HILL	. .	. .	. .	. .	. .	. .	. .	. .	. .	**1525**	**1525**	**1525**	**1525**	**1015**	**1015**

SAFEWORKING SYSTEMS

Three Position Signalling is in force on the Down and Up lines between Clifton Hill 'B' Box and Keon Park.

Automatic and Track Control System is in force between Keon Park and Lalor.

The section of line from Lalor to Epping, including the Epping Yard Complex, is under the control of the Signalman Epping.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Clifton Hill	6.602	152	149	. .	. .	1A-148
Rushall	7.544	. .	. .	. .	. .	
Merri	8.042	. .	. .	. .	. .	
Northcote	8.967	. .	. .	. .	. .	
Croxton	9.611	. .	. .	. .	. .	
Thornbury	10.617	. .	. .	. .	. .	
Bell	11.703	. .	. .	. .	. .	
Preston	12.68	. .	. .	. .	. .	
Regent	13.387	. .	. .	. .	. .	
Reservoir	14.943	. .	. .	. .	. .	
Ruthven	15.945	. .	. .	. .	. .	
Keon Park	17.536	167	186	. .	. .	
Thomastown	19.086	. .	. .	. .	. .	
Lalor	20.717	198	192	. .	. .	
Epping	22.163	160	169	. .	. .	

See Page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Merri 8.042	Charles Street	8.189	BB & PBB
,,	Clarke Street (Foot-crossing)	8.245	PBB
Northcote 8.967	Arthurton Road	9.059	BB & PBB
Croxton 9.611	Beavers Road	9.350	BB & PB
,,	Woolton Avenue	9.947	BB & PB
,,	Normanby Avenue	10.150	BB & PB
Thornbury 10.617	Hutton Street	10.551	IG
Bell 11.703	Oakover Road	11.229	BB & PB
,,	Bell Street	11.777	BB & PG
Preston 12.468	Cramer Street T	12.314	BB
,,	Murray Road T	12.583	BB
,,	Regent Street T	13.387	BB & PBB
Regent 13.387	Pedestrian Foot Crossing (Down and Up End)	13.529	PBB
Reservoir 14.943	High Street T	15.142	BB & PBB
,,	Station Foot Crossing (Down End)	14.943	PBB
Keon Park 17.536	Keon Parade T	17.442	BB & PBB
Thomastown 19.086	Settlement Road T	18.241	BB & PBB
,,	Heyington Avenue T	18.886	BB & PBB
,,	Messmate Street (Foot-crossing)	19.720	PG
,,	Derrick Street (Foot-crossing)	20.151	PG
Lalor 20.717	Mann's Crossing T	19.949	BB & PBB
,,	Paschke Crescent T	20.657	BB & PBB
,,	Child's Road T	21.148	BB

BB — Boom Barriers. IG — Interlocked Gates. PBB — Pedestrian Boom Barriers. PG — Pedestrian Gates.
T — Equipped with Telephone Communications.

Effective: 4.2.90
Replaces:

FAIRFIELD TO A.P.M. SIDING
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL km/h	C km/h	N km/h	S X 700 km/h	A km/h	B 930 km/h	H km/h	T P km/h	Y (E) km/h	R km/h	J K km/h	D3 km/h
Fairfield and A.P.M. Siding	Pass.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	§§	§§	N/A	§§	§§
	Goods	N/A	N/A	N/A	N/A	N/A	N/A	N/A	15h	15	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

No Special Speed Restrictions apply.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
FAIRFIELD to: A.P.M. SIDING . .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	**610**	**610**	**355**	**355**
UP														
A.P.M. SIDING to: FAIRFIELD . .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	**1525**	**1525**	**710**	**710**

SAFEWORKING SYSTEM

Siding Conditions Working is in force between Fairfield and A.P.M. Siding.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Fairfield	9.154	. .	. .	. .	. .	Goods Sdg-216
A.P.M. Siding	9.983	123	123	. .	. .	Pulp-123, Ety-270 & Coal-270

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Fairfield 9.154	Heidelberg Road	9.983	Bell

See Page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

FLINDERS STREET TO COLDSTREAM
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Flinders Street Platforms and Yardmaster's Footbridge (All lines)	Pass.	40	40	40	40	40	40	40	40	40	40	40	40
	Goods	25	25	25	25	25	25	25	25	25	. .	. .	. .
Yardmaster's Footbridge and Down Home Signals at Richmond Junction (All lines)	Pass.	40	40	40	40	40	40	40	40	40	40	40	40
	Goods	25	25	25	25	25	25	25	25	25	. .	. .	. .
Richmond Junction and Richmond (All lines)	Pass.	50	50	50	50	50	50	50	50	50	50	50	50
	Goods	35	35	35	35	35	35	35	35	35	. .	. .	. .
Richmond and Hawthorn (All lines)	Pass.	N/A	N/A	50	50H	50	50	50	50	50	50	50	50
	Goods	N/A	N/A	30	30H	30	30	30	30	30	. .	. .	. .
Hawthorn and Camberwell (Down, Centre and Up Lines)	Pass.	N/A	N/A	50	50H	50	50	50	50	50	50	50	50
(Down and Up Lines)	Goods	N/A	N/A	30	30H	30	30	30	30	30	. .	. .	. .
(Centre Line)	Goods	N/A	N/A	50	50H	50	50	50	50	50	. .	. .	. .
Camberwell and Box Hill (Down, Centre and Up Lines)	Pass.	N/A	N/A	65	65H	65	65	65	65	65	65	65	65
(Down and Up Lines)	Goods	N/A	N/A	30	30H	30	30	30	30	30	. .	. .	. .
(Centre Line)	Goods	N/A	N/A	50	50H	50	50	50	50	50	. .	. .	. .
Box Hill and Blackburn	Pass.	N/A	N/A	70	70H	70	70	70	70	65	70	70	70
	Goods	N/A	N/A	50	50H	50	50	50	50	50	. .	. .	. .
Blackburn and Mitcham	Pass.	N/A	N/A	65	65H	65	65	65	65	65	65	65	65
	Goods	N/A	N/A	50	50H	50	50	50	50	50	. .	. .	. .
Mitcham and Ringwood	Pass.	N/A	N/A	70	70H	70	70	70	70	65	70	70	70
	Goods	N/A	N/A	50	50H	50	50	50	50	50	. .	. .	. .
Ringwood and Lilydale	Pass.	N/A	N/A	80	80H	80	80	80	80	65	80	80	80
	Goods	N/A	N/A	50	50H	50	50	50	50	50	. .	. .	. .
Lilydale and Coldstream	Pass.	N/A	N/A	§§	§§	§§	§§	§§	§§	§§	§§	§§	§§
	Goods	N/A	N/A	25	25H	25	25	25	25	25	. .	. .	. .

See Page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

SPECIAL SPEED RESTRICTIONS

1. At Flinders Street
   The speed of any train or locomotive on any running line or siding, or when being shunted to or from any siding and a running line at Flinders Street, must not exceed 25km/h, between the viaducts on the West side and the Swanston Street Bridge on the East Side.
   This is subject to the special speeds specified hereunder:—
   From the West End of No.1A West Track to Swanston Street Bridge (Eastbound trains only) — 15 km/h.
   Arriving trains from the Burnley Local Line to Nos. 4, 5, and 5A tracks — 25 km/h.
   Shunting movements via the Through Siding adjacent to the Burnley Through Lines — 10 km/h.
   Flinders Street Goods Yard:— Entering from the West or East End — 15 km/h.

2. The following additional restrictions apply to the operation of G, C and BL class locomotives:
   (i) Between Spencer Street and Flinders Street, must be routed via the Through Suburban Viaduct lines and No.9A Track at Flinders Street.
   (ii) Speed is not to exceed 10 km/h while passing over Elizabeth Street Subway via No. 9A track at Flinders Street
   (iii) The Speed of all trains when passing over facing points worked from an interlocking frame otherwise securely fastened or over trailing points will be shown herunder

	Maximum Speed	
	When running to or from lines diverging from the straight track Km/h	When running on the straight track Km/h
Burnley Crossover Up Burnley Through to up Burnley Local Line (Up End)	55 (50) *	55 (50) *
Burnley Crossover Centre Line to Up Burnley Through Line	55 (50) *	55 (50) *
Box Hill Crossover Down Line to Centre Line (Up End)	65	65
Box Hill Crossover Up Line to Centre Line (Up End)	65	65
Box Hill T.O. No. 3 Platform to Down Line (Down End)	65	65
Box Hill T.O. Up Line to No. 3 Platform (Down End)	65	65

* T.O.'s 65km/h, but line speed between Richmond and Hawthorn is only 55km/h for electric multiple unit trains and 50km/h for other passenger trains.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
MELBOURNE YARD to:														
Camberwell	. .	. .	. .	915	915	. .	. .	760	510	510	510	510	355	355
Ringwood	. .	. .	. .	790	790	. .	. .	660	**385**	**385**	**385**	**385**	305	305
Lilydale	. .	. .	. .	. .	. .	. .	. .	**480**	390	390	390	390	. .	. .
COLDSTREAM	. .	. .	. .	**660**	**660**	**590**	**590**	1015	1015	1015	1015	1015	**200**	**200**
UP														
COLDSTREAM to:														
Lilydale	. .	. .	. .	. .	. .	. .	. .	510	610	610	610	610	. .	. .
Ringwood	. .	. .	. .	**660**	**660**	. .	. .	. .	390	390	390	390	**200**	**200**
Mitcham	. .	. .	. .	. .	. .	. .	. .	**305**	. .	. .	. .	. .	. .	. .
Box Hill	. .	. .	. .	. .	. .	. .	. .	325	. .	. .	. .	. .	. .	. .
Camberwell	. .	. .	. .	730	730	. .	. .	610	**385**	**385**	**385**	**385**	325	325
FLINDERS STREET	. .	. .	. .	1830	1830	**590**	**590**	1830	1525	1525	1525	1525	1015	1015

SAFEWORKING SYSTEMS

Three Position Signalling is in force on the Down and Up lines between Flinders Street and Mooroolbark (except Centre Line Burnley — Box Hill).

Lever Locking and Track Control System is in force on the Centre Line only between Burnley — Camberwell and Camberwell — Box Hill.

Automatic and Track Control System is in force between Mooroolbark and Lilydale (All points and signals being operated by remote control from Lilydale).

Staff and Ticket Working is in force between Lilydale and Coldstream.

Effective: 4.2.90
Replaces:

FLINDERS STREET TO COLDSTREAM (Cont'd)
DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Spencer Street	..	..	..	..	..	
Flinders Street	1.23	..	..	..	..	
Richmond Junction	2.73	..	..	..	..	
Richmond	3.797	..	..	..	..	
East Richmond	4.367	..	..	..	..	
Burnley	5.332	..	..	..	..	A Sdg-270
Hawthorn	6.886	..	..	..	..	
Glenferrie	8.120	..	..	..	..	
Auburn	8.960	..	..	..	..	
Camberwell	10.205	209	209	209	..	A Sdg-98
East Camberwell	11.075	..	..	..	..	
Canterbury	12.185	..	..	..	..	
Chatham	12.947	..	..	..	..	
Surrey Hills	13.835	..	..	..	..	
Mont Albert	14.626	..	..	..	..	
Box Hill	16.163	..	184	182	174	
Laburnum	17.815	..	..	..	..	
Blackburn	18.674	..	..	..	..	
Nunawading	21.117	..	..	..	..	
Mitcham	22.408	..	..	..	..	
Heatherdale	24.211	..	..	..	..	
Ringwood	25.756	162	170	165	..	2A-157
Ringwood East	27.763	..	..	..	..	
Croydon	31.032	..	..	..	..	
Mooroolbark	34.376	209	158	..	..	
Cave Hill Siding	38.354	..	..	..	..	
Lilydale	39.069	..	..	189	336	
Coldstream	43.13	..	..	..	..	

FLASHING LIGHT SIGNALS BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Surrey Hills 13.835	Union Road T	13.734	BB
Mont Albert 14.626	Mont Albert Road T	14.377	BB-PBB
Laburnum 17.815	Middleborough Road T	17.558	BB
Blackburn 18.674	Blackburn Road	18.926	BB
Nunawading 21.117	Springvale Road	20.946	BB
Mitcham 22.408	Rooks Road T	21.811	BB
,,	Mitcham Road T	22.570	BB
Heatherdale 24.211	Heatherdale Road T	24.302	BB
Ringwood East 27.763	Dublin Road T	27.462	BB & PBB
,,	Station Pedestrian Crossing (Up End)	27.754	PBB
,,	Kent Avenue (Pedestrian Crossing)	27.874	PBB
Croydon 31.032	Cool Store Road T	31.306	BB
Mooroolbark 34.376	Manchester Road T	34.247	BB
Lilydale 39.069	Cave Hill Road/Taylor Street T	38.354	BB & PBB
,,	Maroondah Highway	38.917	BB & PBB

BB — Boom Barriers. PBB — Pedestrian Boom Barriers. PB — Pedestrian Barriers.
T — Equipped with telephone communication.

Effective: 4.2.90
Replaces:

BURNLEY TO GLEN WAVERLEY
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Burnley and Kooyong	Pass.	N/A	N/A	50	50H	50	50	50	50	50	50	50	50
	Goods	N/A	N/A	50	50H	50	50	50	50	50	. .	. .	. .
Kooyong and Glen Waverley	Pass.	N/A	N/A	65	65H	65	65	65	65	65	65	65	65
	Goods	N/A	N/A	50	50H	50	50	50	50	50	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

1. Passing over Glenferrie Road Level Crossing at the Up End of Kooyong the speed of all Passenger Trains is restricted to 30 km/h and the Speed of all Goods Trains is restricted to 15 km/h.
2. Passing over the Burke Road Level Crossing at the Down End of Gardiner the speed of all Trains is not to exceed 15 km/h.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
BURNLEY to:														
Darling	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	405	405
East Malvern	. .	. .	. .	. .	. .	. .	. .	915	610	610	610	610	355	355
GLEN WAVERLEY	. .	. .	. .	. .	. .	. .	. .	**455**	**305**	**305**	**305**	**305**	**205**	**205**
UP														
GLEN WAVERLEY to:														
East Malvern	. .	. .	. .	. .	. .	. .	. .	**510**	**355**	**355**	**355**	**355**	**205**	**205**
Darling	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	710	710
BURNLEY	. .	. .	. .	. .	. .	. .	. .	915	915	915	915	915	610	610

SAFEWORKING SYSTEM

Three Position Signalling is in force on the Down and Up lines between Burnley and Glen Waverley.

See Page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

BURNLEY TO GLEN WAVERLEY (Cont'd)
DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Burnley	5.332	..	..	..	..	A Sdg-210
Heyington	7.116	..	..	..	..	
Kooyong	8.284	..	..	..	..	
Tooronga	9.589	..	..	..	..	
Gardiner	10.606	..	..	..	..	
Glen Iris	11.522	..	..	..	..	
Darling	12.677	..	..	..	..	
East Malvern	13.745	..	..	..	..	
Holmesglen	15.651	..	..	..	..	
Jordanville	17.610	..	..	..	..	
Mount Waverley	19.003	..	..	..	..	
Syndal	20.885	..	..	..	..	
Glen Waverley	22.225	172	173	..	..	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Burnley 5.332	Madden Grove T	6.144	BB
Kooyong 8.284	Glenferrie Road	8.201	BB
Tooronga 9.589	Toorak Road T	9.049	BB
,,	Tooronga Road T	9.754	BB
Gardiner 10.606	Burke Road	10.686	BB & TBB
Glen Iris 11.522	High Street T	11.620	BB

BB — Boom Barriers. TBB — Tramway Boom Barriers. T — Equipped with telephone communication.

Effective: 4.2.90
Replaces:

CAMBERWELL TO ALAMEIN
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Camberwell and Ashburton	Pass.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	65	65	N/A	65	65
	Goods	N/A	N/A	N/A	N/A	N/A	N/A	N/A	50	50	. .	. .	. .
Ashburton and Alamein	Pass.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	40	40	N/A	40	40
	Goods	N/A	N/A	N/A	N/A	N/A	N/A	N/A	40	40	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

1. Passing over Riversdale Road Level Crossing at the Down End of Riversdale the speed of all trains in not to exceed 15km/h.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
CAMBERWELL to:														
Riversdale											**610**	**610**	**395**	**395**
Burwood											. .	. .	710	710
Ashburton											815	815	510	510
ALAMEIN											1015	1015	1015	1015
UP														
ALAMEIN to:														
Burwood											1015	1015	815	815
CAMBERWELL											**610**	**610**	**365**	**365**

SAFEWORKING SYSTEMS

Three Position Signalling is in force on the Down line between Camberwell and Riversdale and on the Down and Up lines between Riversdale and Ashburton.

Lever Locking and Track Control System is in force between Camberwell and Riversdale (Up line only).

The section of track between Ashburton and Alamein is operated as portion of Ashburton Station Limits.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Camberwell	10.206	209	209	209	. .	A Sdg-98
Riversdale	11.733	. .	. .	. .	. .	
Willison	12.151	. .	. .	. .	. .	
Hartwell	13.303	. .	. .	. .	. .	
Burwood	14.170	. .	. .	. .	. .	
Ashburton	15.392	. .	. .	. .	. .	
Alamein	16.121	. .	. .	. .	. .	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Riversdale 11.733	Prospect Hill Road T	11.515	BB
,,	Riversdale Road	11.870	BB

BB — Boom Barriers. T — Equipped with telephone communication.

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

RINGWOOD TO BELGRAVE
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Ringwood and Belgrave	Pass.	N/A	N/A	80	80H	80	80	80	80	65	80	80	80
	Goods	N/A	N/A	50	50H	50	50	50	50	50	. .	. .	. .

SPECIAL SPEED RESTRICTIONS

No Special Speed Restrictions apply.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
RINGWOOD to:														
Upper Fern Tree Gully	. .	. .	. .	. .	. .	. .	. .	. .	1015	815	815	815	815	325	325
BELGRAVE	. .	. .	. .	. .	**565**	**565**	**515**	**515**	**415**	**345**	**345**	**345**	**345**	**170**	**170**
UP														
BELGRAVE to:														
Bayswater	. .	. .	. .	. .	. .	. .	. .	. .	**570**	**560**	**560**	**560**	**560**	**235**	**235**
RINGWOOD	. .	. .	. .	. .	**770**	**770**	**705**	**705**	660	610	610	610	610	305	305

SAFEWORKING SYSTEMS

Three Position Signalling is in force on the Down and Up lines between Ringwood and Fern Tree Gully.

Automatic and Track Control System is in force between Fern Tree Gully and Belgrave (All points and signals being operated by remote control from Upper Fern Tree Gully).

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Ringwood	25.756	162	170	165	. .	2A-157
Heathmont	28.123	. .	. .	. .	. .	
Bayswater	30.844	. .	. .	. .	. .	
Boronia	33.379	. .	. .	. .	. .	
Fern Tree Gully	35.892	. .	. .	. .	. .	
Upper Fern Tree Gully	37.663	161	165	160	. .	
Upwey	40.179	160	160	. .	. .	
Tecoma	41.341	. .	. .	. .	. .	
Belgrave	42.693	159	159	. .	. .	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Ringwood 25.756	Bedford Road T	26.663	BB & PBB
Bayswater 30.844	Mountain Highway	30.653	BB & PBB
,,	Scoresby Road	31.129	BB & PBB
Boronia 33.379	Boronia Road	33.634	BB & PBB
Fern Tree Gully 35.892	Alpine Street	36.088	BB
Upper Fern Tree Gully 37.663	Hilltop Road	37.502	BB & PBB

BB — Boom Barriers. PBB — Pedestrian Boom Barriers. T — Equipped with telephone communication.

Effective: 4.2.90
Replaces:

RICHMOND JUNCTION TO SANDRINGHAM
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive											
		Diesel — Electric Locomotives									Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)	R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Richmond Junction and Richmond (All Lines)	Pass.	50	50	50	50	50	50	50	50	50	50	50	50
	Goods	35	35	35	35	35	35	35	35	35	. .	. .	. .
Richmond and South Yarra (All Lines)	Pass.	50	50	50	50	50	50	50	50	50	50	50	50
	Goods	50	50	50	50	50	50	50	50	50	. .	. .	. .
South Yarra and Sandringham	Pass.	N/A	N/A	65	65H	65	65n	65	65	65	N/A	65	65
	Goods	N/A	N/A	40	40H	40	40n	40	40	40	N/A	. .	. .

SPECIAL SPEED RESTRICTIONS

No Special Speed Restrictions apply.

RULING GRADE LOADS (TONNES)

SECTION	CLASSES OF LOCOMOTIVES													
DOWN	G BL	C solo or multi with C or A	C multi with other class	N	S X 700	A solo or multi with C or A	A multi with other class	B 930	H solo or multi with H,P,T or Y	H multi with other class	T or P solo or multi with H,P,T or Y	T or P multi with other class	Y solo or multi T,Y,H or P	Y multi with other class
FLINDERS STREET to:														
Elsternwick	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	965	965
SANDRINGHAM	. .	. .	. .	. .	. .	. .	. .	**1830**	**1270**	**1270**	**1270**	**1270**	**610**	**610**
UP														
SANDRINGHAM to:														
FLINDERS STREET	. .	. .	. .	. .	. .	. .	. .	. .	**1830**	**1525**	**1525**	**1525**	**1525**	**1015**	**1015**

SAFEWORKING SYSTEM

Three Position Signalling is in force on the Down and Up lines between Richmond Junction and Sandringham.

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Spencer Street	. .	. .	. .	. .	. .	
Flinders Street	1.232	. .	. .	. .	. .	
Richmond Junction	2.730	. .	. .	. .	. .	
Richmond	3.797	. .	. .	. .	. .	
South Yarra	5.413	. .	. .	. .	. .	
Prahran	6.724	. .	. .	. .	. .	
Windsor	7.485	. .	. .	. .	. .	
Balaclava	9.082	. .	. .	. .	. .	
Ripponlea	9.825	. .	. .	. .	. .	
Elsternwick	10.951	. .	. .	. .	. .	
Gardenvale	12.347	. .	. .	. .	. .	
North Brighton	13.240	. .	. .	. .	. .	
Middle Brighton	14.519	. .	. .	. .	. .	
Brighton Beach	15.969	. .	. .	. .	. .	
Hampton	17.704	. .	. .	. .	. .	
Sandringham	19.163	. .	. .	. .	. .	

See Page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

RICHMOND JUNCTION TO SANDRINGHAM (Cont'd)
FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Prahran 6.724	Greville Street T	6.670	BB
Windsor 7.485	Union Street	7.267	BB
Ripponlea 9.825	Glen Eira Road T	9.912	BB
North Brighton 13.240	Bay Street	13.324	BB
Middle Brighton 14.519	Church Street	14.598	BB
,, ,,	Dendy Street T	15.123	BB
Brighton Beach 15.969	South Road	16.094	BB
Hampton 17.704	New Street	16.691	HG
,,	Hampton Street T	17.797	BB
,,	Linacre Road T	18.293	BB
Sandringham 19.163	Abbott Street	19.003	BB

BB — Boom Barriers. HG — Hand Gates. T — Equipped with telephone communication.

Effective: 4.2.90
Replaces:

FLINDERS STREET TO SPENCER STREET (via Museum)
NORTH MELBOURNE TO FLAGSTAFF
RICHMOND TO PARLIAMENT
JOLIMONT TO PARLIAMENT
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

Line or Portion of Line	Class of Train	Class of Locomotive												
		Diesel — Electric Locomotives									Elec. Mult. Unit Train	Steam		
		G BL	C	N	S X 700	A	B 930	H	T P	Y (E)		R	J K	D3
		km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
Flinders Street and Parliament (City Circle and Northern Loops)	Pass. Goods	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	60t . .	N/A . .	N/A . .	N/A . .
Parliament-Museum-Flagstaff (All Loops)	Pass. Goods	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	60t . .	N/A . .	N/A . .	N/A . .
Flagstaff and Spencer Street (All Loops)	Pass. Goods	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	60t . .	N/A . .	N/A . .	N/A . .
Flagstaff and North Melbourne (Northern Loop)	Pass. Goods	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	60t . .	N/A . .	N/A . .	N/A . .
Parliament and Richmond (Burnley and Caulfield Loops)	Pass. Goods	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	60t . .	N/A . .	N/A . .	N/A . .
Parliament and Jolimont (Clifton Hill Loop)	Pass. Goods	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	60t . .	N/A . .	N/A . .	N/A . .

SPECIAL SPEED RESTRICTIONS

1. In special circumstances, trains other than electric multiple unit trains, may run through the Underground Loops. Maximum speeds will be as published in special timetable or circular.

2. Speed restrictions will apply at Flinders Street as follows:—

	Maximum Speed km/h
(i) The speed of any train or locomotive, on any running line or siding, or when being shunted to or from any siding and a running line at Flinders Street, must not exceed 25km/h, between the viaducts on the west side and the Swanston Street Bridge on the East side. This is subject to the special speeds specified hereunder:	
From the West end of No.1A West track to Swanston Street Bridge (eastbound trains only)	15
Arriving trains from the Burnley Local Line to Nos.- 5, 4, 5 and 5A tracks	25
(ii) Up trains from the Clifton Hill Line between the overhead bridge near Auto. Signal 097 and the platform; speed must not be increased after passing 3-position Home Signal No. 183	15
(iii) Down trains to Clifton Hill Line between the platform and the Wellington Parade South Overbridge . .	15
(iv) Shunting movements via the Through Siding adjacent to the Burnley Through lines	10
(v) Entering Flinders Street Goods Yard from East or West End	15

SAFEWORKING SYSTEMS

Lever Locking and Track Control System (modified) is in operation between:
Flinders Street — Spencer Street (City Circle Loop)
Flinders Street — North Melbourne (Northern Loop)
Spencer Street — Richmond Junction (Burnley and Caulfield Loop)
Parliament — Jolimont (Clifton Hill Loop)

DISTANCE IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings & Extensions
Flagstaff	1.16	. .	. .	. .	. .	
Museum	1.77	. .	. .	. .	. .	
Parliament	2.89	. .	. .	. .	. .	
Flinders Street	3.90	. .	. .	. .	. .	
Richmond Junction	3.84	. .	. .	. .	. .	
Jolimont	4.15	. .	. .	. .	. .	
Flagstaff **	1.59**	. .	. .	. .	. .	

** — Distance from North Melbourne.

RULING GRADE LOADS (TONNES)

In special circumstances locomotive hauled trains may run through the Underground Loops. Ruling grade loads will be as published in a Special timetable or circular.

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

No Flashing Light Signals and Boom Barriers apply.

See page 7 for explanation of letters and symbols.

Effective: 4.2.90
Replaces:

MELBOURNE YARD AREA
LOCOMOTIVE OR TRAIN SPEEDS AND CLASSES OF LOCOMOTIVES ALLOWED TO RUN

See respective line corridor pages for Speeds and Classes of locomotives Allowed to Run.

SPECIAL SPEED RESTRICTIONS

The following Special Speed Restrictions apply over line or portion of line:—

	Maximum Speed km/h
Main Goods Lines between West Tower and Viaduct Junction	40
Coburg Goods Lines between West Tower and North Melbourne Junction	40
Main Goods Lines between West Tower and South Kensington	40
Outside Goods Lines	40
Passing over level crossings between Melbourne Yard and Appleton, Victoria and Swanston Docks	10
On the Reversing Loop surrounding North Melbourne Workshops	5

RULING GRADE LOADS (TONNES)

See respective line section corridor pages for Ruling Grade Loads.

SAFEWORKING SYSTEM

Three Position Signalling is in force between Spencer Street (No.2 Box) and South Kensington via the Goods Lines.

DISTANCES IN KILOMETRES FROM MELBOURNE (SPENCER STREET) AND CLEAR LENGTH OF CROSSING ROADS AND REFUGE SIDINGS

	Distance in Kilometres from Melbourne	Clear Length of Crossing Roads & Refuge Sidings (Length in Metres)				
		No. 1	No. 2	No. 3	No. 4	Sidings
Melbourne Yard	00.00	..	..	..	..	
Victoria Dock Sidings	..	..	..	..	..	
South Dynon	..	..	..	..	..	
Dynon	..	..	..	..	..	
Appleton Dock Sidings	..	..	..	..	..	
Swanson Dock	..	..	..	..	..	
East Swanson Dock	..	..	..	..	..	

FLASHING LIGHT SIGNALS AND BOOM BARRIERS

Name and Kilometres of Nearest Station	Level Crossing	Distance Kilometres	Type
Melbourne Yard	Cowper Street Spur		FL
,, ,,	Entrance No. 4 Shed		FL
,, ,,	Entrance No. 5 Shed		FL
Melbourne Yard-Victoria Dock Line	Footscray Road		FL
,, ,,	Cnr. Footscray Road and Piggott Street		FL
Victoria Dock Sidings	Pitt Street (to 22 berth)		FL
,, ,, ,,	Pitt Street (to 19 berth)		FL
,, ,, ,,	Piggott Street (Location 26)		FL
,, ,, ,,	Piggott Street (Location 27) (Union S.S.)		FL
South Dynon-Appleton Dock Line	Footscray Road T	2.247	FL
,, ,, ,, ,, ,,	Appleton Dock Road (D Berth)	3.681	FL
Appleton Dock Sidings	Appleton Dock Road (Freight Bases Siding)	3.657	FL
,, ,, ,,	Phillips Road (Liner Services Siding)	3.980	FL
South Dynon-Swanson Dock Line	Appleton Dock Road	2.904	FL
,, ,, ,, ,, ,,	Swanson Dock Road	4.064	FL
,, ,, ,, ,, ,,	Coode Road	4.685	FL
East Swanson Dock Line	Coode Road (T.O.T. and F.G.S. Sdg.)	3.083	FL
,, ,, ,, ,,	Appleton Dock Road (T.O.T. Siding)	3.202	FL
,, ,, ,, ,,	Phillips Road (T.O.T. Siding)	3.725	FL

FL — Flashing Lights.

Effective: 4.2.90
Replaces:

MASTER TRAIN PLAN

ADDENDA

This document replaces the former Working Timetable Addenda publication.

ROLLING STOCK CONTROL SYSTEM-ROSCO

The implementation of ROSCO has made it necessary to introduce two (2) forms in train and procedures working that will require the attention of train crews and other personnel associated with train preparation. These forms have been designed for ease of compilation and are self explanatory in their application.

The following has been prepared for your information and action.

1. **TRAIN CONSIST FORM** (See page 131)

   A newly designed form which does not require carbon paper to compile, each original produces a copy.

   The design of the form is similar to the existing consist sheet but has been amended to suit ROSCO input when used as a source document. (See copy page 131).

   The amendments are:—
   The name of the person completing the form.
   The class of dangerous goods.
   Out of gauge loading.
   Consignee.
   Contents (See commodity/consist explanations page 135).
   End of train marker field.
   On the reverse is a list of dangerous goods classes for reference.
   (See reference data pages 133-134).

2. **ENROUTE ATTACH/DETACH FORM** (See page 131).

   To be filled out in duplicate (again carbonless) when shunting enroute and in possession of a computer produced consist sheet. Details of vehicles attached/detached are entered on the form and attached to the train consist sheet at the train destination and delivered to the OIC.

   This assists in the validation of information held in ROSCO.

   Hereunder is a brief description of how these forms will relate to the operation of ROSCO and the part train crews will play in the system.

TRAIN CONSIST DOCUMENTATION

With the implementation of ROSCO as from 27th November, 1989, **Originating train locations equipped with ROSCO computer terminals** will produce a train documentation package to be carried by the train crew. (See copy page 130).

OTHER LOCATIONS

At originating locations the Train Consist sheet is to be prepared manually and a copy delivered to the O.I.C. for transmittal to the nearest ROSCO location for input.

In the case of an unattended originating location the copy of the manually prepared consist sheet is to be handed to the next enroute manned location for transmittal to ROSCO.

Whenever practicable the updated computer consist print of your train will be provided to you if your train route passes through a ROSCO equipped location.

ENROUTE WORKING

When attaching or detaching at locations enroute the details (actual vehicle numbers) must be relayed to train control by train radio to enable the train controller to update ROSCO.

The Train Controller on receipt of this information will update ROSCO.

The Train Controller will then inform you of the updated train length and tonneage of your train.

As well as informing Train Control the form vehicles attached/detached enroute must be compiled by the train crew and delivered to the O.I.C. at the train destination in order to validate the arrival consist.

The exception to this arrangement will be branch line working, particularly grain, where radio reception is spasmodic.

BRANCH LINE OPERATION

The train crew will validate the vehicles detached enroute on the down journey using the train consist sheet, on the return journey the train crew will prepare an up consist sheet (as now) and record all details thereon of enroute attaches.

Copies of the consist sheets (both down and up journey) to be handed to the main line depot on arrival to allow ROSCO to be updated and if time permits produce the computer train load documentation for the train.

The success of a real time operational system relies heavily on accurate and timely information entered to the computer.

The co-operation of all concerned is sought to enable us to retain existing business and seek new business by more efficient vehicle management through information systems such as ROSCO.

Effective: 4.2.90
Replaces:

INTERSYSTEM TRAINS

Down Goods Trains

Standard Gauge Trains — Leave the printed copy of the Train Consist Document on the locomotive for the S.R.A. Crews.

Broad Gauge (Melbourne — Adelaide) — Leave the printed copy of the Train Consist Document on the locomotive for the A.N. Crews.

Yard Foreman at Dynon and Tottenham will arrange to Fax a copy of the train consist sheet to S.M. Albury (North bound trains) and to the O.I.C. Wolseley (West bound trains).

Up Goods Trains

Standard Gauge Trains — *For through trains* the Train Crew will obtain printed consist sheets from Wodonga prior to departing to Albury for their train. The Train Crew should confirm the particulars of the printed train consist sheet with the S.R.A. Guard's journal (X709) which will be left on the locomotive.

On other trains the Second Person will be responsible for filling out a Victorian Train Consist Form if a printed copy of the sequenced train cannot be obtained from the S.M. Albury.

Broad Gauge Trains — For trains from Mount Gambier the Second Person will be responsible for filling out the Train Consist Sheet. For trains from Adelaide via Wolseley the Crew will be given a printed copy of the Train Consist Sheet prior to departing Dimboola.

INTERSTATE PASSENGER TRAINS

Down Interstate Passenger Trains

The Corridor Conductor will be required to complete a S.R.A. Guard's Journal in triplicate and retain until at Albury original, (1) copy to S.R.A. Guard and (1) copy to S.M. Albury.

Up Interstate Passenger Trains

The Corridor Conductor of all Up interstate trains will be responsible for obtaining the S.R.A. Guard's Journal from the S.R.A. Guard.

Effective: 4.2.90
Replaces:

2293-89

PUBLIC TRANSPORT CORPORATION - VICTORIA **2399**

PRINT CLEARLY

TRAIN CONSIST FORM

Sched. Dept. Time		Train No.		Date		From		To	
Actual Dept. Time		Actual Arr.Time		Date		Arr. Road		Prepared by	

Loco. Nos.		From		To	
Loco. Nos.		From		To	
Driver 1		Driver 2		Driver 3	
2nd Person		2nd Person		2nd Person	

	D G	O O G	E.T.M. Wagon Class and No.	Check Letter	Contents	Mass	Length m	Mech. Cond.	Origin	Location Attached	Consignee	Destination	Location Detached
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													

(See Back of Train Consist form) DANGEROUS GOODS

When conveying Dangerous Goods, the appropriate classification (Class No.) to be entered in the column D G on face.

Dangerous Goods Classes

Class	Hazard	Abbreviation
1	Explosives	Expl
2	Flammable Gas	Flam Gas
2	Non Flammable Compressed Gas	Non Flam C/Gas
3	Poison Gas	Psn Gas
4	Flammable Liquid	Flam Liquid
4	Flammable Solid	Flam Solid
4	Spontaneously Combustible	Spon Comb
4	Dangerous When Wet	Dang W/Wet
5	Oxidising Agent	Ox Agent
5	Organic Peroxide	Org Perox
6	Poison	Poison
7	Radioactive	R/Active
8	Corrosive	Corr
M	Mixed	As per classes shown

OUT OF GAUGE LOADING

Conveyance of Out of Gauge Loading to be indicated by a **X** in the column O O G on face

ATTACH/DETACH FORM

4157

One Copy to First Manned Location — Other Copy with Form 2399

Location..... Attach ☐ Detach ☐ Train No. .....

Form Prepared By ..... Date...../...../.....

	Vehicle Class	Vehicle Number	Commodity	Cont Mass	Lgh. (m)	Mech Cond.	Consignee	Destination
1								
2								
3								
4								
5								

Effective: 4.2.90
Replaces:

COMPILATION OF TRAIN RUNNING STATEMENT (Form 2390)

Train Running Statements (Form 2390) are to be compiled for all Goods and Departmental trains by Second Persons or Trainee Drivers.

In the case of Passenger Trains it is not necessary for Train Running Statements to be completed. Instead the Second Person or Trainee Driver is to compile a Passenger Train Preparation Docket. (Form 4092).

In the case of Interstate Passenger trains operating on the 'Down' Journey between Melbourne and Albury the Corridor Conductor will be required to complete a S.R.A. Guard's Journal in triplicate and retain until arrival at Albury, original and (1) one copy to S.R.A. Guard and (1) one copy to S.M. Albury.

In the case of Interstate Passenger trains operating on the 'Up' journey between Albury and Melbourne the Corridor Conductor will be responsible for obtaining the S.R.A. Guard's Journal from the S.R.A. Guard.

The whole of the information specified in the Train Running Statement is to be compiled by the Second Person or Trainee Driver and must be accurate in every detail.

Before commencing the journey, and at each location en route wherever the train is required to work or an alteration is made to the train load, the Second Person or Trainee Driver must confer with the Driver and advise him of the equivalent number of vehicles and the tonneage of the train. They must then agree as to the consist of the train and the maximum permissible speed that the train will operate. In addition the Second Person or Trainee Driver must advise the Driver if empty or loaded L.P. Gas Tankers are included in the consist and the position of any vehicle on the train that will require to be loaded or discharged en route and also any of the vehicles which have to be attached or detached at an intermediate station. The Driver, Second Person or Trainee Driver if relieved, must pass this information on to his relief.

Second Persons or Trainee Drivers must compile their Train Running Statement en route, enter thereon the time of passing, arriving and departing for each station at the time, also all checks at signals, and record particulars of all unusual incidents which occur on a journey.

Particulars of the time occupied at stations and detentions must be shown under the respective headings.

Every change in the total number of vehicles or tonneage of the train, as provided on the Train Running Statement is to be shown. Care must be used to record the correct sectional distances as printed in this document for the line concerned.

A note must be made on the Train Running Statement for Goods or Ballast trains, of the period of time occupied in loading or unloading material or ballast wagons whilst the locomotive is attached to them.

The Ruling Grade Load for any train is the load that the locomotive can haul between 2 recognised terminal stations.

The equivalent number of vehicles on the train must be shown at the foot of the statement, as well as the schedule and actual load.

When trains, both regular or special operate through Geelong, Ballarat, Bendigo and Seymour (Broad Gauge trains) separate train running statements are to be compiled.

Train Running Statements for all freight trains between Melbourne and Geelong, Bendigo or Seymour and all freight trains operating in the Western and Southern Regions between Melbourne — Bairnsdale, Welshpool/Barry Beach and Metropolitan Area are to be forwarded to Distance Statistics, Level 6, Transport House.

Running Statements for all trains beyond Geelong, Bendigo, Ballarat and Seymour (Broad Gauge trains only) are to be forwarded to the Regional Operations Manager (Southern) Geelong, (Western) Ballarat and (Northern) Bendigo.

GOODS TRAINS CONVEYING L.P. GAS VEHICLES

INDICATION OF L.P. GAS VEHICLES ON GOODS TRAIN LOAD SHEETS

In order to draw the attention of Drivers, Second Persons or Trainee Drivers to the fact that L.P. Gas tank vehicles or L.P Gas freight tank containers, either loaded or empty are included in the consist of the train, the following instructions must be observed:—

After compiling the Goods Train Load Sheet (2399) for every goods train conveying L.P. Gas tank vehicles, or vehicle conveying L.P. Gas freight tank containers, either loaded or empty, and labelled with a Class 2 Flammable Gas Label, the Second Person or Trainee Driver of each such train must, after circling the number of each L.P. Gas vehicle on the train, affix to the top right hand corner of every copy of the Train Load Sheet (2399) for the respective train, a red self adhesive label, and the total number of vehicles for conveying L.P. Gas must be then endorsed on each red label.

When the Second Person or Trainee Driver has completed compiling the load of a train conveying the type of vehicles mentioned above, he must, in addition to the existing instructions, as per pages 131-132 herein, inform the Driver of the train of the number of L.P. Gas tank vehicles or vehicles conveying L.P. Gas freight tank containers, either loaded or empty, included in the consist of the train.

A sheet of red self adhesive labels is to be carried in the back of each locomotive log book, and it will be the duty of the Driver to affix a red self adhesive label in the locomotive log book, adjacent to the log book entry relevant to the train concerned, after being advised by the Second Person or Trainee Driver that the train is conveying a number of L.P. Gas tank vehicles or vehicles conveying L.P. Gas tank containers, either loaded or empty.

In the event of there being no red adhesive labels in the back of the log book, the Driver should obtain one from the Second Person or Trainee Driver for the current entry.

When locomotives are changed en route, or a relief locomotive is attached to the train, the Second Person or Trainee Driver must, after complying with the directions contained on pages 130-132 herein, repeat the instructions contained herein to the Driver, who will then carry out the requirements relative to the labelling of the log book.

A sheet of thirty-six (36) red self adhesive labels (each 25mm x 10mm) will be issued as an addition to all Second Person or Trainee Drivers kits to be used as instructed above.

When supplies of these red adhesive labels are required, they are to be obtained from the Stationmaster or Officer-In-Charge.

Bulk supplies for Locomotive Depots are to be obtained from Spotswood Storehouse.

Effective: 4.2.90
Replaces:

LIST REPAIR CONDITION

Condition Code	Text
OK	Good Condition
R	Not to run until repaired
RX	May move locally to discharge, then not to run
B	Direct to Workshop
G	May move to assigned destination, then for repairs

Condition Code	Text
GM	Shunters Hazard — Uncoupling Rod
GR	Shunters Hazard — Handrail/Step
GW	Shunters Hazard — Hand Brake Defect
GX	Hand Brake defective must have Safety Wagon.

LIST DEFECT CATEGORY

Defect Code	Defect Text
1	Air Brake cut out
2	Brakes not applying
3	Brakes not releasing
4	Brake Cyl/Slack Adjuster
5	Brake Pipe
6	Coupling Cock
7	Brake Rigging
8	Grade Control
9	Load Control
10	Hosepipe
11	Brake Blocks
12	Hand Brake
13	Truss Bar
14	Axle Box Defects
15	Hot Box
16	W/Guards
17	Springs
18	Side Bearer clearance
19	Wheels
20	Carrier Plate

Defect Code	Defect Text
21	Autocoupler
22	Draft Gear/Yoke
23	Uncoupling
24	Striking Plate
25	Doors
26	End Web/Bows
27	End Staunchions
28	Body Damage
29	Twist Locks/Cont Bkts
30	Trunnion Bolts/Centre Plate
31	Steps/Handrails/Ladders
32	Due P.V. Exam
33	Due Bogie Lift
34	Due Body Lift
35	Other Defects
36	To Orders
37	Off Road Inspection
38	Tarps and Supports
99	No Defect shown on card

TRAIN CONSIST

Train No: 9190. Sched: 1940. Date: 31/8/1989. From: Nth. Geelong. To: Mt. Gambier.

Dept.: 1945 Arr.: .....

Loco: X42 X45 Driver: Kopczynski.....c/o Kondoyiapoulos

A OL Second Person.....c/o .....

Cond/Guard:.....c/o .....

Dangerous Goods Total: 02 Out of Gauge: 03..... ETM: 504.

No. of Vehicles: 26 Train Length (incl. Loco): 376 Metres

Gross Haul Tonneage: 1121 Tonnes

Comments .....

.....

D	O	Seq.	Vehicle	No.	Cont.	Mass	MC	Orig.	Att.	Consignee	Dest.	Detach
		01	ALFF	2Q		17		NGY	NGY	APM	MTG	
		02	ALFY	85W		17		NGY	NGY	APM	MTG	
		03	ALFF	14T		17		NGY	NGY	APM	MTG	
		04	ALGX	29J		20		NGY	NGY	APM	MTG	
		05	NLGX	31523H		25		NGY	NGY	APM	MTG	
		06	NLHX	29588C		25		NGY	NGY	APM	MTG	
		07	VHDY	205C		23		DNG	NGY	ACI DNG	TTN	
		08	VHDY	210L		22		DNG	NGY	ACI DNG	TTN	
		09	VHEF	713A	BRIQ	76		MBS	NGY	SEC	SGY	
		10	VHEF	742P	BRIQ	76		MBS	NGY	SEC	SGY	
		11	VHEF	715S	BRIQ	76		MBS	NGY	SEC	SGY	
		12	VHEF	725J	BRIQ	76		MBS	NGY	SEC	SGY	
	X	13	VFTY	6S	TIMBR	61		BDE	NGY	TRADEX	MTG	
	X	14	VFTY	8G	TIMBR	64		BDE	NGY	TRADEX	MTG	
	X	15	VFTY	5C	TIMBR	68		BDE	NGY	TRADEX	MTG	
X		16	VLCX	429Q	CHEM	56		TOC	NGY	STRANG	TTN	
		17	NOBX	33432T	FOAW	47		MYD	NGY	UNITED	TTN	
X		18	NOBX	334536	CHEM	49		TOC	NGY	STRANG	TTN	
		19	NLHX	30759N		19		MVL	NGY	APM	MTG	
		20	NLHX	30579P		19		MVL	NGY	APM	MTG	
		21	NGAX	30737C		17		NPS	NGY	PHOSPT	POD	
		22	NGAX	30638D		17		NPS	NGY	PHOSPT	POD	
		23	NGAX	30757C		17		NPS	NGY	PHOSPT	POD	
		24	VOBX	786	BRIQ	64		MBS	NGY	SEC	HAM	
		25	VOBX	213B	BRIQ	67		MBS	NGY	SEC	HAM	
		26	AOOX	1984T	ERET	73		DYS	NGY	BRAMTRAN	PAD	

Dangerous Goods Manifest Train 9190 31/08/89

Effective: 4.2.90
Replaces:

TRAIN CONSIST (Cont'd)

Seq.	Wagon	Number	Un. No.	Product	Cl.	Sub risk	Weight	Pkgs	Qty. Pkgs	Hazchem
16	VLCX	4290	1895	POISON	6.1		20500	20	CRTE	2X
18	NOBX	33453G	1427	FLAM/W/WET	4.3	2.3	20000	1	TANK	4W

Out of Gauge Loading Train 31/08/1989

13	VFTY	....6S	14	VFTY	....8G	15	VFTY	....5C

LOAD PROFILE OF TRAIN 9190 — 31/08/1989

```
SEQ                          EX ORIGIN — NGY

01  | X X X                 |                   |
02  | X X X                 |                   |
03  | X X X                 |                   |
04  | X X X                 |                   |
05  | X X X X               |                   |
06  | X X X X               |                   |
07  | X X X X               |                   |
08  | X X X X               |                   |
09  | X X X X X X X X X X | X X X X             |
10  | X X X X X X X X X X | X X X X             |
11  | X X X X X X X X X X | X X X X             |
12  | X X X X X X X X X X | X X X X             |
13  | X X X X X X X X X X | X X                 |
14  | X X X X X X X X X X | X X                 |
15  | X X X X X X X X X X | X X X               |
16  | X X X X X X X X X X | X                   |
17  | X X X X X X X X X X |                     |
18  | X X X X X X X X X X | X X X               |
19  | X X X X X X X X X X |                     |
20  | X X X X               |                   |
21  | X X X X               |                   |
22  | X X X                 |                   |
23  | X X X                 |                   |
24  | X X X X X X X X X X | X X X               |
25  | X X X X X X X X X X | X X X               |
26  | X X X X X X X X X X | X X X X             |
X45 | 0 0 0 0 0 0 0 0 0 0 | 0 0 0 0 0 0 0 0 0 0 | 0 0 0
X42 | A A A A A A A A A A | A A A A A A A A A A | A A A
    | I I I I I I I I I I | I I I I I I I I I I | I I I I I I I I I
    0 5                   50                   100
                                   (5 Tonnes increments)
```

A = Active Loco, 0 = Off Line Loco, X = Hauled Vehicle

Train Number: 9190 On: 31/08/89 Monday
Origin: NGY
Destination: MTG

Last Monitored: NGY
Tonnage — Max 4000 Curr: 1121
Length — Max: 900 Curr: 376

Loc	Departing Gross	Departing Len	Detaches Plan	Detaches Act	Dest	Comm	Wagon Type	Attaches Plan	Attaches Act	To Loc	Comm	Wagon Type
								6	6	MTG		40TV
								2	2	TTN		DOLOR
								4	4	SGY	BRIQ	BRQH
								3	3	MTG	TIMBR	TIMFL
								1	1	TTN	CHEM	40TV
								1	1	TTN	FOAW	BOPEN
								1	1	TTN	CHEM	BOPEN
								2	2	MTG		40TV
								3	3	POD		SUPBH
								2	2	HAM	BRIQ	BOPEN
								1	1	PAD	BRET	BOPEN
NGY	1121	376										
MAR	1048	362	1		PAD	ERET	BOPEN					
HAM	917	334	2		HAM	BRIQ	BOPEN					
HWD	866	292	3		POD		SUPBH					
MTG			6		MTG		40TV					
			2		TTN		DOLOH					
			4		SGY	BRIQ	BRQH					
			3		MTG	TIMBR	TIMFL					
			1		TTN	FOAW	BOPEN					
			1		TTN	CHEM	BOPEN					
			2		MTG		40TV					

XXX End of consist 9190 31/08/89

Commodity Code	Commodity Name	Consist Code
ALUM	ALUMINIUM	ALUM
ASW	AUST SOFT WHEAT	ASW
ASWD.	AUST. SOFT WHEAT DAMAGED	GRAIN
ASWP	WHEAT AUST STD WHITE PHOSPHINE	ASWP
ASW1	WHEAT AUST STANDARD WHITE1	ASW1
ASW2	WHEAT AUST STANDARD WHITE2	ASW2
ASW3	WHEAT AUST STANDARD WHITE3	ASW3
ASW4	WHEAT AUST STANDARD WHITE4	ASW4
BARL	BARLEY	BARLEY
BEER	BEER	BEER
BITU	BITUMEN	BITUMN
BMLT	BEERMALT	BMALT
BRAN	BRAN	BRAN
BRIQ	BRIQUETTES	BRIQ
CARS	MOTOR CARS	CARS
CEMT	CEMENT	CEMENT
CEXP	CONTAINER OVERSEAS EXPORT	CTAINR
CFRE	CONTAINER OVERSEAS FREE	CTAINR
CHEM	CHEMICALS	CHEMCL
CINT	CONTAINER INTERSTATE	CTAINR
CMLT	CLIPPER MALT	CMALT
CMTY	CONTAINER OVERSEAS EMPTY	CTAINR
CNOS	CONTAINER N.O.S.	CTAINR
COAL	COAL/COKE	COAL
CPTS	MOTOR CAR PARTS	CARPTS
CRCE	CONTAINER RACE	CRACE
CREF	CONTAINER OVERSEAS REFRIGERATE	REFRIG
DBST	DEPARTMENTAL BALLAST	DEPT
DIST	DIESEL	DIST
DNOS	DEPARTMENTAL N.O.S.	DEPT
DOIL	DEPARTMENTAL OIL	DEPT
DOLO	DOLOMITE	DOMITE
DRAI	DEPARTMENTAL RAILS	DEPT
DSLE	DEPARTMENTAL SLEEPERS	DEPT
ERET	EMPTY RETURNS	ETYRET
EXPL	EXPLOSIVES	EXPLOS
FBRL	FEED BARLEY	GRAIN
FDRI	FRUIT DRIED	PERISH
FERT	FERTILISER	FERT
FFSH	FRUIT FRESH	PERISH
FIRE	TIMBER FIREWOOD	TIMBER
FLOU	FLOUR	FLOUR
FMLT	FEED MALT	FMALT
FOAG	FORWARDING AGENTS VAN	FAGENT
FOAW	FORWARDING AGENTS WAGONS	FAGENT
FROZ	FROZEN FOODS	PERISH
FTRK	FAST TRACK L.C.L.	FASTRK
FW	GENERAL PURPOSE FEED WHEAT	FW
FWHT	FEED WHEAT	GRAIN
GENE	GENERAL	GENE
GPP	WHEAT GENERAL PURPOSE PH-PHINE	GPP
GPRO	GRAINS/SEEDS BULK	SEED
GP1	WHEAT GENERAL PURPOSE 1	GP1
GP2	WHEAT GENERAL PURPOSE 2	GP2
GYPS	GYPSYM	GYPSUM

Commodity Code	Commodity Name	Consist Code
HAY	HAY, CHAFF, FODDER	FODDER
HDWD	TIMBER HARDWOOD	TIMBER
HD1P	GEN PURP HRD WHT PHOS/1	GRAIN
HRDP	GENE PURP HRD WHT PHOS	HRDP
HRD1	GENERAL PURPOSE HARD WHEAT	HRD1
HRD2	GENERAL PURPOSE HARD WHEAT 2	HRD2
HRD4	GENERAL PURPOSE HARD WHEAT 4	GRAIN
LEAD	LEAD	LEAD
LIME	LIME	LIME
LIVE	LIVESTOCK	LSTOCK
LOGS	TIMBER LOGS	TIMBER
MAGR	MACHINERY AGRICULTURAL	MACHRY
MANR	MANURE	MANURE
METF	METAL FABRICATED	METAL
METM	METAL MANUFACTURED	METAL
MIND	MACHINERY INDUSTRIAL	MACHRY
MINS	MINERAL ORES N.O.S.	MINRAL
MRCE	RICE PROCESSED	RICE
OAT1	OATS NO.1	OAT1
OAT2	OATS NO.2	OAT2
PAPR	PAPER, PAPERPULP	PAPER
PART	PARTICLE BOARD	PTLEBD
PEAS	PEAS	PEAS
PETL	PETROLEUM	PETROL
PIPE	PIPES	PIPES
PMLT	PARWAN MALT	PMALT
POTS	POTATOES	POTATO
PRCE	RICE PADDY	RICE
PROC	PROCESSED FOOD	PERISH
PULP	PULPWOOD	PULPWD
QRRY	STONE, GRAVEL	QUARRY
SALT	SALT	SALT
SAND	SAND	SAND
SASH	SODA ASH	SODASH
SASW	GENERAL PURPOSE SOFT WHEAT	SASW
SAWN	TIMBER SAWN	TIMBER
SBAG	SUPERPHOSPATE BAGGED	SUPER
SBLK	SUPERPHOSPHATE BULK	SUPER
SEED	SEEDS, PEAS ETC.	SEED
SFT4	AUST. SOFT WHT. (4)	GRAIN
SGAR	SUGAR	SUGAR
SHAR	SPECIAL HARD WHEAT	GRAIN
SLEE	NON DEPARTMENTAL SLEEPERS	TIMBER
STCH	STARCH/GLUCOSE/GEMSWEET	STCH
STEE	IRON/STEEL MANUFACTURED	STEEL
STES	STEEL/IRON SCRAP	STEEL
STFD	STOCKFOOD	FODDER
TIN	TINPLATE	TPLATE
TRAC	MACHINERY TRACTORS	MACHRY
UT3	WHEAT UNTREATED GRAIN	UT3
VEGS	VEGETABLES FRESH	PERISH
WHEA	WHEAT N.O.S.	WHEAT
WMLT	WEIR MALT	WMALT
WOOL	WOOL	WOOL

Effective: 4.2.90
Replaces:

MAXIMUM LOADING OUTLINE

The particulars of the Maximum Load Outline for Broad Gauge Lines (1600 mm) within Victorian and Australian National Systems and for all traffic passing through Victoria to or from other Systems on Standard Gauge (1435 mm) or via the Bogie Exchange, are shown hereunder:—

Above Rail Level	Width Centrally Located
mm	mm
4270	900
3710	2350
2750	2975

Loading must not project more than 155 mm over the wagon at each end.

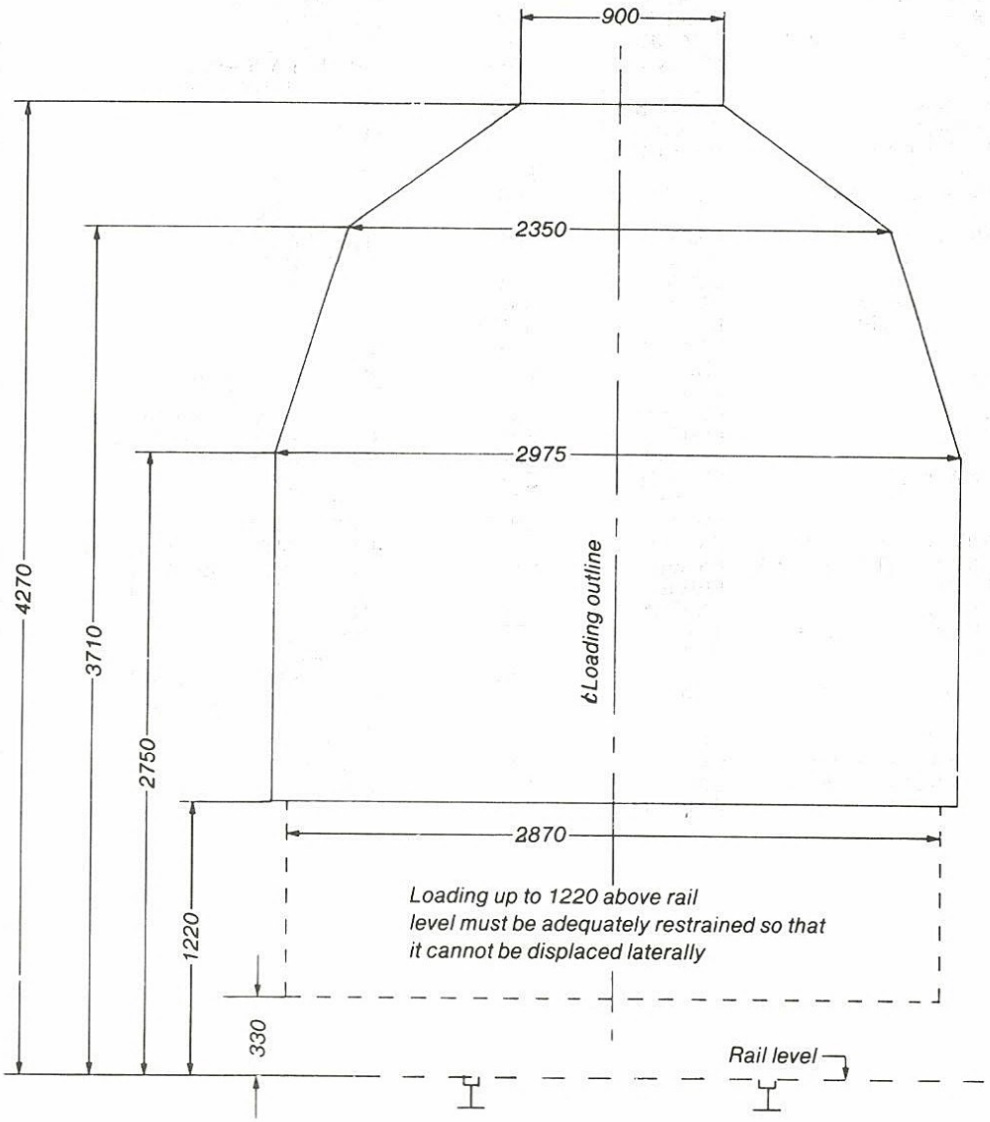
The width of 2 975 mm above rail level gradually tapers to 2 350 mm at 3 710 mm above rail level thence to 900 mm at the maximum height of 4 270 mm above rail level as indicated in the diagram hereunder.

All lashings, chains and other equipment used for securing moveable loading for conveyance must be within this 'Loading Outline'.

The full lines indicate the limit of moveable loading and dotted lines the limits of moveable loading placed and conveyed on special low load wagons.

Any load exceeding the limits of the 'Loading Outline' must be treated as 'Out of Gauge' loading and may only be conveyed under special conditions approved of by the Manager, Wagon Fleet, phone 619 4330 (I.S.D.N. 1 4330).

This loading outline is based on goods rolling stock built with maximum dimensions not exceeding 22 860 mm in length, 2 970 mm in width and 16 150 mm bogie centres.



NOTE: All dimensions in millimetres.

Effective: 4.2.90
Replaces:

MELBOURNE — ADELAIDE OVERHEIGHT CONTAINERS

Containers up to and including 12.19 metres x 2.50 metres x 2.89 metres may be transported at line speed on the wagons with deck height of up to and including 1194 mm between Dynon and Adelaide via North Geelong — Gheringhap — Maroona; or via Sunshine — Bacchus Marsh — Ballarat — Wolseley; or via Gheringhap — Warrenheip.

Examples of vehicles with deck height of 1194 mm or less commonly used within Victoria are listed below. The carriage of 12.19 m x 2.50 m x 2.89 m containers shall be limited to these vehicles and this list will be reviewed as the need arises.

Vic.		**A.N.**	
VQCX, VQFY, VQFX	1111 mm	AQOX	1194 mm
VQDW	1022	AQCX	1111
VFKX, VQGX, VQLX	1194	AQDW	1022
VQAW	1060	AQMX	1168
		AQSY	1164
S.R.A.		**W.A.**	
NQFX, NQOX	1118	WQBX, WQCX	1194
NQBX, NFBX	1186		
NQCX, NQIF	1175		
NQIX	1163		
NQVX	1168		

Should it be necessary to route these containers via the Through Suburban lines over the Maribyrnong River Bridge between South Kensington and Footscray a maximum permissible train speed of 15 km/h while the train is crossing the bridge shall apply.

MELBOURNE — ALBURY — BANDIANA (BROAD GAUGE) OVERHEIGHT CONTAINERS

Containers up to including 12.19 metres x 2.50 metres x 2.89 metres may be transported at line speed on the wagons with deck height of up to and including 1111 mm between Dynon/South Dynon — Albury or Wodonga — Bandiana (Broad Gauge).

Examples of vehicles with deck height of 1111 mm or less commonly used within Victoria are listed below. The carriage of 12.19 metres x 2.89 metres containers shall be limited to these vehicles and this list will be reviewed as the need arises.

Vic.
VQCX
VQFX

DOCK AREA

These containers are also permitted on the Dock lines listed below when loaded on WAGONS WITH DECK HEIGHT OF 1194 mm only.

Swanson Dock
Appleton Dock
Webb Dock

The following restrictions must be adhered to on the Appleton Dock line.

(i) No movement of jumbo container traffic through and in the immediate vicinity of overhead mobile gantry salt hoppers along Track 1.

(ii) No movement of jumbo container traffic through overhead 40 tonne S.W.L. Crane along Track 3.

INTERIM SPECIAL MAXIMUM ROLLING STOCK OUTLINE (FIXED LOADING)

Commencing forthwith, containers up to and including 12.19 metres x 2.50 metres x 2.89 metres may be transported at line speed between Seymour and Cobram (except speed must not exceed 15km/h through No.3 track (Goods Shed Road) at Strathmerton) on wagons with a deck height up to and including 1111mm. Example - VQCX and VQFX wagons.

Amend instructions on page 137 as follows:

MELBOURNE-ALBURY-BANDIANA (BROAD GAUGE)
MELBOURNE-SEYMOUR-COBRAM

Containers up to and including 12.19 metres x 2.50 metres x 2.89 metres may be transported at line speed on wagons with deck height of up to and including 1111mm between Dynon/South Dynon - Albury or Wodonga and Bandiana (Broad Gauge), and between Seymour-Cobram, except speed must not exceed 15km/h on No. 3 track (Shed Road) at Strathmerton.

M. DIGGLE
Superintendent Safeworking.

Per:-

Effective: 4.2.90
Replaces:

EXPLANATION FOUR LETTER CLASSIFICATION OF GOODS VEHICLES

First Letter: Owning System

A—Australian National (AN)
N—New South Wales (SRA)
V—Victoria (V/Line)
W—Western Australia (Westrail)

Second Letter: Type of Vehicle
Examples:

B—Box Type
C—Coil Steel
E—Flat (Electrically equipped for refrigerated containers)
F—Flat (Non Container)
H—Hopper (Bottom Discharge)
K—Steel Products Other
L—Louvre
M—Motor Car Vehicle
O—Open
P—Hopper (Pneumatic Discharge)
Q—Flat (Container)
T—Tank
W—Well
Z—Departmental

Third Letter: Use of this letter has been left to the discretion of the owning system

In Victoria the letter will denote the difference of vehicles within a particular group. In general, will be alphabetical to show that there is a difference between particular vehicles in a class.

Exceptions to this rule will be in the case of special purpose vehicles where the letter will indicate the product carried.

Examples:

Hopper wagons
A—Soda Ash
B—Briquettes
C—Cement
F—Fertilizer
G—Grain
Q—Quarry products
S—Sand
J—Gypsum

Fourth Letter: Denotes type of bogie. All systems.

A—Non exchange bogie, slow speed
F—Non exchange bogie
P—Non exchange bogie, suitable for operation on passenger trains
W—Low level exchange bogie
X—Standard exchange bogie
Y—Non exchange bogie (high speed)
Z—All wagons not applicable to other groups or temporarily set up for particular operations waiting four digit approval.

New South Wales and Western Australia

H—Route and/or speed restricted. Maximum weight in excess of 84 tonnes.

Australian National

H—Route and/or speed restricted. Maximum weight in excess of 84 tonnes.
L—Limited exchange bogie (AN system exchange only).
Not permitted to work onto the N.S.W. System except by special arrangement.

Effective: 4.2.90
Replaces:

1	2	3	4	5	6	7	8	9	10
Class	Description of Vehicle	Max. Speed Km/h	Max. Tare Mass (Tns)	Nominal Carrying Capacity (Tns/ Litres)	Per-missible Over-load (Kg)	Max. Length over Pulling Lines nearest 100mm	Gauge (mm)	Avail-able for Bogie Ex-change	Remarks/Restrictions
VBAF VBAY	Covered Van	90	20	32		12.800	1600	No	
VBAX	Covered Van	90	20	32		12.800	1435/ 1600	Yes	
VBBF	Covered Van	90	23	45	800	13.100	1600	No	
VBBX	Covered Van	90	22	41	1000	13.100	1435/ 1600	Yes	
VBCW	Covered Van	90	35	42		23.500	1435/ 1600	Yes	Must not be coupled to fixed wheel base vehicles
VCCX	Coil Steel Transport	90	22	51		15.500	1435/ 1600	Yes	
VCSX	Flat (Coiled Steel)	80	22	53		12.300	1435/ 1600	Yes	
VCVX	Open (Colourbond Steel)	80	23	51		14.900	1435/ 1600	Yes	
VDSF	Safety Wagon	90	24	24		13.100	1600	No	
VEKX	Flat (Refrigerated Containers)	90	25	51		23.700	1435/ 1600	Yes	
VFAA	Flat	70	18	32	500	16.100	1600	No	
VFBF	Flat	90	19	32	500	16.100	1600	No	Restriction applies in operating Tailem Bend to Adelaide See Page 147
VFEX	Flat	90	17	44	1000	14.000	1435/ 1600	Yes	
VFFX	Flat (Cable Drums)	90	23	46		14.000	1435/ 1600	Yes	Used as Safety Vehicle on Block Oil Trains
VFGA	Flat	70	33	92		12.200	1600	No	
VFHA (QS)	Flat (No.1) (Spec. Loads)	Special Instruc. issued	32	122		20.400	1600	No	
VFHA	Flat (No.2) (Spec. Loads)	Special Instruc. issued	70	174		26.800	1600	No	
VFJX	Flat with Bulkheads	90	19	45	1000	13.700	1435/ 1600	Yes	
VFKX	Flat	90	25	51		23.700	1435/ 1600	Yes	
VFLX VFLF	Flat with Bulkheads	90	26	50		20.700	1435/ 1600	Yes	Maximum load 50 tonnes including tare of containers and pallets between Melbourne and Sydney. 47 tonnes between Melbourne and Adelaide.
VFMX	Flat (Particle Board)	90	26	50		20.700	1435/ 1600	Yes	
VFNX	Flat with Bulkheads and folding cover	90	29	47		20.700	1435/ 1600	Yes	
VFRX	Flat	90	25	51		23.700	1435/ 1600	Yes	See page 154 for operating restrictions.
VFTF	Flat (Timber)	90	31	45		20.700	1600	No	
VFTX	Flat (Timber)	90	31	45		20.700	1435/ 1600	Yes	

1	2	3	4	5	6	7	8	9	10
Class	Description of Vehicle	Max. Speed Km/h	Max. Tare Mass (Tns)	Nominal Carrying Capacity (Tns/ Litres)	Per-missible Over-load (Kg)	Max. Length over Pulling Lines nearest 100mm	Gauge (mm)	Avail-able for Bogie Ex-change	Remarks/Restrictions
VHAF	Hopper (Soda Ash)	90	23	53		13.200	1600	No	
VHCA	Hopper (Cement)	65	20	51		11.200	1600	No	
VHCX	Hopper (Cement)	80	22	54		13.200	1435/ 1600	Yes	
VHDX	Hopper (Dolomite)	80	22	54		13.200	1435/ 1600	Yes	
VHEF	Hopper (Grain, Briquettes)	80	22	54		15.600	1600	No	
VHFF	Hopper (Fertilizer)	90	22	54		13.200	1600	No	
VHGF VHGY	Hopper (Grain) (Alum. Const.)	80	17	58	2000	14.900	1600	No	Nos. 21-100 inclusive.
VHGF VHGY	Hopper (Grain) (Steel Const.)	80	21	55		14.900	1600	No	Nos. 101-637 inclusive.
VHGX	Hopper (Alum. Const.)	80	17	58	2000	14.900	1435/ 1600	Yes	Nos. 1-20 inclusive.
VHHF VHHY	Hopper (Grain)	80	23	53		15.500	1600	No	Nos. 813-915 inclusive.
VHJA	Hopper (Gypsum)	65	20	53		11.200	1600	No	
VHMF VHMY	Hopper (Ballast)	90#	22	53		13.200	1600	No	# Maximum speed when partially discharged - 80km/h
VHNA	Hopper (Ballast)	70	14	28	500	11.100	1600	No	
VHQF	Hopper (Quarry Prod.)	80	20	56		13.200	1600	No	
VHRX	Hopper (Quarry Prod.)	80	22	54		13.200	1435/ 1600	Yes	
VHSF	Hopper (Sand)	80	22	54		13.200	1600	No	
VHWA	Hopper (Ballast)	45#	15	36	500	9.200	1600	No	# Maximum speed when discharged - 70km/h
VKEX	Open (Slab Steel)	80	22	51		14.900	1435/ 1600	Yes	See Page 155 for operating restrictions.
VLBF VLBY	Louvre	90	21	35.5	1000	11.900	1600	No	
VLCX	Louvre	90	22	40	2000	13.100	1435/ 1600	Yes	
VLDX	Louvre	90	26	50		16.800	1435/ 1600	Yes	
VLEX	Louvre	90	26	50		18.100	1435/ 1600	Yes	See Page 155 for operating restrictions.
VLNX	Louvre Van (Newsprint), (Steel & Flour)	80	33	43		18.100	1435/ 1600	Yes	See Page 155 for operating restrictions
VLPY	Louvre	90	24	35		12.800	1600	No	Passenger traffic only.

Effective: 4.2.90
Replaces:

1	2	3	4	5	6	7	8	9	10
Class	Description of Vehicle	Max. Speed Km/h	Max. Tare Mass (Tns)	Nominal Carrying Capacity (Tonnes/ Litres)	Per-missible Over-load (Kg)	Max. Length over Pulling Lines nearest 100mm	Gauge (mm)	Avail-able for Bogie Ex-change	Remarks/Restrictions
VMAX	Motor Car	90	20	10		17.900	1435/ 1600	Yes	Conveys 6 Motor Cars
VMBX	Motor Car	90	25	15		23.100	1435/ 1600	Yes	Conveys 8 or 10 Motor Cars
VMBY	Motor Car	115	25	15		23.400	1435/ 1600	No	Conveys 8 or 10 Motor Cars
VOAA	Open	70	19	45.0	500	14.000	1600	No	
VOBX	Open without Ridge Gear	90	23	51	See Note A	14.900	1435/ 1600	Yes	
VOCX	Open with Ridge Gear	90	23	51		14.900	1435/ 1600	Yes	
VOFX	Open with Fixed Ridge Gear	90	23	53	See Note A	14.900	1435/ 1600	Yes	
VOJF	Open (Gypsum)	90	23	53		14.900	1600	No	Only to run between Cowangie and Geelong Area unless otherwise authorised.
VPCX	Bulk Cement	80	26	50		14.100	1435/ 1600	Yes	
VPFX	Bulk Flour	80	29	45	1000	16.600	1435/ 1600	Yes	
VQAW	Articulated Container	100	33	127		38.700	1435	No	
VQCX	Flat (Container)	90	19	56		20.100	1435/ 1600	Yes	See Page 155 for restrictions.
VQDW	Flat (Container)	100	23	53		25.700	1435/ 1600	No	Must not be coupled to fixed wheel base vehicles
VQFX	Flat (Container)	90	19	57		20.100	1435/ 1600	Yes	Skeletal and See Page 155 for restrictions.
VQFY	Flat (Container)	110	19	57		20.100	1600	No	Skeletal.
VQGX	Flat (Container)	90	23	45		23.200	1435/ 1600	Yes	
VQKX	Flat (Container)	90	25	51		23.700	1435/ 1600	Yes	
VQLX	Flat (Container)	90	22	54		20.700	1435/ 1600	Yes	
VQPW	Test Vehicle		23	53		14.900	1435	No	Test Vehicle only.

Note A: May be overloaded by 1500 kg when transporting steel slabs equally distributed on bearers placed across the wagon 1295 mm and 5182 mm each side of the transverse centre line.

Effective: 4.2.90
Replaces:

1	2	3	4	5	6	7	8	9	10
Class	Description of Vehicle	Max. Speed Km/h	Max. Tare Mass (Tns)	Nominal Carrying Capacity (Tonnes/ Litres)	Per-missible Over-load (Kg)	Max. Length over Pulling Lines nearest 100mm	Gauge (mm)	Avail-able for Bogie Ex-change	Remarks/Restrictions
VTBA	Tank (Bitumen)	70	32	45,500		14.600	1600	No	
VTBF VTBY	Tank Wagon (Bitumen)	80 (90 when empty)	27	54,200		12.500	1600	No	
VTBX	Tank (Bitumen)	80	31	45,460		14.000	1435/ 1600	Yes	
VTGX	Tank (L.P. Gas)	80 (90 when empty)	36	70,200		18.000	1435/ 1600	Yes	
VTHX	Tank (Hydro-Carbon)	80 (90 when empty)	26	56,000		16.800	1435/ 1600	Yes	
VTQA	Tank (White Spirit)	65 (See Col. 10)	28	46,900		14.600	1600	No	VTQA's Nos. 121, 181, 182, 190, 191, 209, 238, 239, 286, 355, 358, 393, 469, 534, 592 and 595 are authorised to operate at 80 km/h empty and 65 km/h when loaded. See Page 147 for restrictions.
VTQX	Tank (White Spirit)	80 (loaded/ empty)	27	56,400		16.400	1435/ 1600	Yes	Suitable for use on Block Oil trains.
VTQY VTQF	Tank	80 (loaded/ empty)	27	56,400			1600	No	See Page 147 for restrictions.
VTQZ	Tank (White Spirit)	65 (80 when empty)	28	46,900		14.600	1600	No	Suitable for use on Block Oil trains.
VWAA	Well	70	20	32			1600	No	
VWCF	Well	Special Instruc. issued	34	61			1600	No	See Page 155 for restrictions.

1	2	3	4	5	6	7	8	9	10
Class	Description of Vehicle	Max. Speed Km/h	Max. Tare Mass (Tns)	Nominal Carrying Capacity (Tonnes/ Litres)	Per-missible Over-load (Kg)	Max. Length over Pulling Lines nearest 100mm	Gauge (mm)	Avail-able for Bogie Ex-change	Remarks/Restrictions
VOWA	Open	70	16	32		11.700	1435/ 1600	No	
VZAA	Fire Attack	65	16	16		18.100	1600	No	
VZAF	Covered Van	90	20	32		12.800	1600	No	
VZBF	Brake Block Transporter	80	22	21		13.100	1435/ 1600	Yes	
VZCA	Crawler Crane Rail Transport	65	16	10		13.970	1600	No	
VZDF	Workmen's Crew Transporter	90	23	10		12.600	1600	No	
VZEA	E/E Light and Transporter	65	16	35.5		18.100	1600	No	
VZFA	Freight Bogie Transporter	70	18	26		14.500	1600	No	
VZFF	Freight Bogie Transporter	80	18	26		14.500	1600	No	
VZFX	Freight Bogie Transporter	80	18	26		14.500	1435/ 1600	Yes	
VZGX	Loco. Sand Hopper	80	29	45		16.600	1435/ 1600	Yes	
VZLA	Loco. Bogie Transporter	65	18	26		14.500	1600	No	
VZLF	Loco. Bogie Transporter	80	26	50		18.100	1600	No	
VZMA	Hopper (Ballast)	45 (70 when empty)	15	36	500	9.200	1600	No	
VZMF	Hopper (Ballast)	90 (when empty) (See Col. 10)	25	51		13.200	1435/ 1600	No	80 km/h when partially discharged.
VZNA	Hopper (Ballast)	70	14	28	500	10.900	1600	No	
VZOA	Open	70	19	45.0		14.000	1600	No	
VZOY	Open (Automatic Sleeper Discharge)	90	17 (30 Tonnes With Lifting Gear)	46		14.900	1600	No	
VZRA	Rail Transporter	70	19	44		14.000	1600	No	
VZRF	Rail Transporter	90	25	51		23.700	1600	No	See Page 155 for restrictions.
VZRX	Rail Transporter	90	25	51		23.700	1435/ 1600	Yes	See Page 155 for restrictions
VZSX	Auto Sleeper Discharge	80	22	41		13.100	1435/ 1600	Yes	
VZTX	Manual Sleeper Discharge	80	20	36		13.145	1435/ 1600	Yes	
VZVA	Weed Spray Tanker	65	16	26,600		18.100	1600	No	
VZVA	Weed Spray Tanker	65	30	17,800		14.000	1600	No	
VZWA	Wheel Transporter	70	18	26		14.500	1600	No	

Effective: 4.2.90
Replaces:

V/LINE FIXED WHEEL BASE SERVICE STOCK — PARTICULARS OF

1	2	3	4	5	6	7	8	9	10
Class	Description of Vehicle	Max. Speed Km/h	Max. Tare Mass (Tns)	Nominal Carrying Capacity (Tonnes/ Litres)	Per-missible Over-load (Kg)	Max. Length over Pulling Lines nearest 100mm	Gauge (mm)	Avail-able for Bogie Ex-change	Remarks/Restrictions
KMQ	Flat Sleeper Transporter	65	9	21		8.700	1600	No	

V/LINE FIXED WHEEL BASE GOODS VEHICLES — PARTICULARS OF

1	2	3	4	5	6	7	8	9	10
Class	Description of Vehicle	Max. Speed Km/h	Max. Tare Mass. (Tns)	Nominal Carrying Capacity (Tonnes/ Litres)	Permis-sible Over-load (Kg)	Max. Length Over Pulling Lines nearest 100mm	Gauge (mm)	Avail-able for Bogie Ex-change	Remarks/Restrictions
G	Open	65	9	23	508	7.600	1600	No	Confined to Briquette traffic between Morwell Briquette Siding and H.J. Heinz Siding Dandenong. Refer Note A.
GY	Open	65	9	23	508	7.600	1600	No	Confined to Briquette traffic between Morwell Briquette Siding and H.J. Heinz Siding Dandenong. Refer Note A.
RT	Fordson Diesel Rail Tractor	65 When being hauled as part of a goods train.	10			7.600	1600	No	Refer Note B.

Notes:

'A'— All other revenue and departmental fixed wheel base wheel vehicles are to be treated as stored and should not be moved unless specially authorised by the Wagon Fleet Manager, (Phone 1 4330).

'B'— Rail Tractors being hauled as part of a goods train:—

(i) As Rail Tractors do not have an air brake, but are through piped, all instructions regarding non air-braked vehicles must be complied with.

(ii) The Controlling Maintenance Depot Foreman must arrange to have the driving chains removed and placed in the cabin, the cabin doors unlocked and for a blue card to be attached advising that the 'RT' is not air-braked.

(iii) The Rail Tractor is to be marshalled attached to the locomotive.

(iv) Maximum speed will be 65km/h.

(v) Maximum train tonneage behind the 'RT' is 2400 tonnes.

Effective: 4.2.90
Replaces:

AUSTRALIAN NATIONAL BOGIE GOODS VEHICLES — PARTICULARS OF

1	2	3	4	5	6	7	8	9	10
Class	Description of Vehicle	Max. Speed Km/h	Max. Tare Mass. (Tns)	Nominal Carrying Capacity (Tns/ Litres)	Per-missible Over-load (Kg)	Max. Length over Pulling Lines nearest 100mm	Gauge (mm)	Avail-able for Bogie Ex-change	Remarks/Restrictions
ABAF	Box Van	70	19	33		11.900	1600	No	
ABAY	Box Van	70	19	33		11.900	1600	No	
ABFX	Box	95	30	45 (See Col. 10)		23.700	1600/ 1435	Yes	May be permitted to be loaded to maximum of 77 tonnes gross (19.25t axle load) conveying salt traffic from Australian National to Dynon on the Wolseley-Melbourne corridor via Ballan, Meredith and Cressy. See Page 155 for restrictions.
ABNX	Box (Newsprint)	95	32	44		23.700	1600/ 1435	Yes	See Page 155 for restrictions.
AENY	Flat (Refrigerated Containers)	110	19	42		15.200	1600/ 1435	Yes	
AFAF	Flat	80	18	35		14.000	1600	No	
AFBF	Flat	80	17	45		14.000	1600	No	
AFCX	Flat (Bulk Rail)	95	19	57		14.600	1600/ 1435	Yes	
AFDX	Flat (Bulk Rail)	95	19	58		14.600	1600/ 1435	Yes	
AFFA	Flat	65	18	45		14.000	1600	No	
AFKX	Flat	95	24	52		23.700	1600/ 1435	Yes	
AFQX	Flat with Bulk Heads	95	27	48		23.700	1600/ 1435	Yes	
AHDL	Hopper (Grain)	95	23	55		14.600	1600/ 1435	Yes	Suitable for bogie exchange on A.N. System only.
AHGX	Hopper (Grain)	95	21	56		14.600	1600/ 1435	Yes	
AHHH	Hopper (Grain)	110	27	66		15.400	1600	No	
AKAX	Bulk Steel	95	18	57		14.600	1600/ 1435	Yes	
AKBX	Slab Steel	80	23	54		14.900	1600/ 1435	Yes	
AKCX	Coil Steel	95	23	54		14.900	1600/ 1435	Yes	
AKEX	Coil Steel	95	17.5	58		10.300	1600/ 1435	Yes	See Page 155 for restrictions.
AKFX	Bulk Steel	95	26	51		17.900	1600/ 1435	Yes	See Page 155 for restrictions.
AKGX	Bulk Steel	95	25	51		17.900	1600/ 1435	Yes	See Page 155 for restrictions.
AKHX	Open Slab Steel	80	22	54		14.900	1600/ 1435	Yes	
AKMX	Bulk Steel	95	22	52		22.900	1600/ 1435	Yes	See Page 155 for restrictions.
AKOX	Bulk Steel	95	29	48		23.700	1600/ 1435	Yes	See Page 155 for restrictions.
AKPX	Bulk Steel	95	28	48		23.700	1600/ 1435	Yes	See Page 155 for restrictions.
ALCX	Louvre	95	22	46		14.600	1600/ 1435	Yes	
ALFF	Louvre	80	18	34		11.800	1600	No	Restriction applies in operating Tailem Bend to Adelaide. See Page 147.
ALGX	Louvre	95	23	41		13.100	1600/ 1435	Yes	
ALHX	Louvre	95	25	45		14.100	1600/ 1435	Yes	

Effective: 4.2.90
Replaces:

1	2	3	4	5	6	7	8	9	10
Class	Description of Vehicle	Max. Speed Km/h	Max. Tare Mass. (Tns)	Nominal Carrying Capacity (Tns/ Litres)	Per-missible Over-load (Kg)	Max. Length over Pulling Lines nearest 100mm	Gauge (mm)	Avail-able for Bogie Ex-change	Remarks/Restrictions
AMAX	Motor Car	95	29	15		23.800	1600/ 1435	Yes	Conveys 6-8 motor cars.
AMBP	Motor Car	115	25	15		23.100	1600	No	Conveys 8-10 motor cars and for motorail traffic.
AMBY	Motor Car	100	25	15		23.100	1600	No	Superfreighter Traffic. Conveys 8-10 motor cars.
AMBX	Motor Car	95	25	15		23.100	1600/ 1435	Yes	Conveys 8-10 motor cars.
AMCX	Motor Car	95	26	12		22.200	1600/ 1435	Yes	Conveys 8-10 motor cars.
AMNX	Motor Car	95	25	12		23.700	1600/ 1435	Yes	Conveys 8-10 motor cars.
AOAF	Open (Soda Ash)	80	21	45		14.000	1600	No	
AOBF	Open (Briquettes)	80	21	45		14.000	1600	No	
AOBX	Open	95	22	54		14.900	1600/ 1435	Yes	See Page 155 for restrictions.
AOCX	Open	95	22	54		14.900	1600/ 1435	Yes	See Page 155 for restrictions.
AOFX	Open	95	26	51		17.900	1600/ 1435	Yes	See Page 155 for restrictions.
AOGF	Open	80	19	45		14.000	1600	No	
AOGL	Open	95	19	45		14.000	1600/ 1435	Yes	Suitable for limited bogie exchange on A.N. System only.
AOGY	Open	95	18	45		14.000	1600	No	
AOMX	Open	95	31	45		23.700	1600/ 1435	Yes	See Page 155 for restrictions.
AOOX	Open	95	28	48		23.700	1600/ 1435	Yes	See Page 155 for restrictions.
AOWF	Open	80	19	44		14.000	1600	No	
AOXF	Open	80	20	45		14.000	1600	No	
APAX	Hopper (Cement)	95	19	34		10.600	1600/ 1435	Yes	
APCX	Hopper (Cement)	95	28	50		13.400	1600/ 1435	Yes	
AQAX	Flat Container	95	18	52		20.100	1600/ 1435	Yes	
AQCX	Flat Container	95	21	55		20.100	1600/ 1435	Yes	See Page 155 for restrictions.
AQCY	Flat Container	115	21	55		20.100	1600	No	
AQDW	Flat Container	100	23	51		25.700	1600/ 1435	No	Must not be coupled to fixed-wheel base vehicles.
AQMF	Flat Container	80	22	55		20.100	1435	No	
AQMX	Flat Container	95 (See Col. 10)	22	55		20.100	1600/ 1435	Yes	100km/h between Ararat and Wolseley when conveyed on Superfreighter Services. See Page 155 for restrictions.
AQMY	Flat Container	110	22	55		20.100	1600/ 1435	No	
AQOX	Flat Container	95	25	51		23.700	1600/ 1435	Yes	
AQQX	Flat Container	95	26	49		23.700	1600/ 1435	Yes	
AQSY	Flat Container	95 (See Col. 10)	22	55		20.100	1600/ 1435	Yes	100km/h between Ararat and Wolseley when conveyed on Superfreighter Services.

PUBLIC TRANSPORT CORPORATION
VICTORIA

O.0738/93

O.0738/93

DISTRIBUTION
Centrol, Metrol,
All Stations & Depots,
Transport House

Emergency Management & Safeworking Unit
Level 13, Transport House,
Phone 14392,
8th July 1993

MASTER TRAIN PLAN ADDENDA
OPERATION OF 2655 mm HIGH X 2502 mm WIDE CONTAINERS

Commencing forthwith, containers up to and including 12.190 metres x 2.502 metres wide x 2.655 metres high may be transported at line speed on wagons with a deck height of not higher than 1111 mm on all Victorian Broad Gauge line corridors.

Amend page 146 of the reprinted Master Train Plan Addenda by replacing the first paragraph as follows.

EXCEPT AS PROVIDED IN THE FOLLOWING SECTION (PERMISSIBLE OVERHEIGHT CONTAINER TRAFFIC) CONTAINER TRAFFIC THROUGHOUT VICTORIA IS RESTRICTED TO CONTAINERS NOT WIDER THAN 2502 mm AND NOT HIGHER THAN 2438 mm ON APPROVED WAGONS WITH A DECK HEIGHT OF NOT MORE THAN 1194 mm OR TO CONTAINERS NOT WIDER THAN 2502 mm AND NOT HIGHER THAN 2655 mm ON APPROVED WAGONS WITH A DECK HEIGHT OF NOT MORE THAN 1111 mm. (REFER LIST ON PAGE 147)

A. PALERMO
A/Superintendent Safeworking.

Per:-

PLEASE AMEND.

1	2	3	4	5	6	7	8	9	10
Class	Description of Vehicle	Max. Speed Km/h	Max. Tare Mass. (Tns)	Nominal Carrying Capacity (Tonnes/ Litres)	Per-missible Over-load (Kg)	Max. Length over Pulling Lines nearest 100mm	Gauge (mm)	Avail-able for Bogie Ex-change	Remarks/Restrictions
ATBL	Tank (Petroleum Products)	95 (Not to exceed 80km/h when loaded)	25	27,500 45,800		10.300/ 14.600	1600/ 1435	Yes	Suitable for limited bogie exchange on A.N. System only.
ATCL	Tank (Petroleum Products)	95 (Not to exceed 80km/h when loaded)	20-27	45,500		11.800/ 14.600	1600/ 1435	Yes	Suitable for limited bogie exchange on A.N. System only.
ATMF	Tank (Petroleum Products)	80	20-30	42,000		11.800- 14.600	1600	No	
ATML	Tank (Petroleum Products)	95 (Not to exceed 80km/h when loaded)	20-30	22,700- 45,500		11.800- 14.600	1600/ 1435	Yes	Suitable for limited bogie exchange on A.N. System only.
ATMX	Tank (Petroleum Products)	95 (Not to exceed 80km/h when loaded)	27-31	45,000- 68,000		12.500- 16.900	1600/ 1435	Yes	
ATMY	Tank (Bitumen)	70	19-30	22,140- 49,000		12.450	1600/ 1435	Yes	
ATRX	Tank (Creosote)	95 (Not to exceed 80km/h when loaded)	22	50,000		13.100	1600/ 1435	Yes	
AWWX	Well	95	27	47		19.600	1600/ 1435	Yes	

VEHICLE RESTRICTIONS BETWEEN TAILEM BEND AND ADELAIDE AREA

The maximum load that can be hauled behind the following A.N. and V/Line Goods Vehicles when on goods trains between Tailem Bend and Adelaide Area is 3,000 tonnes due to light draft gear fitted.

Vehicle Class	**Vehicle Nos.**
ALFF	26-115
VFBF	All vehicle nos.
VWCY	All vehicle nos.
VTQA	All vehicle nos.
VTQF/Y	Nos. 84, 86-98, 100-103, 111, 115-122, 131-141, 144, 145, 147-152, 155, 176, 214, 268, 269 and 368.

1	2	3	4	5	6	7	8	9	10
Class	Description of Vehicle	Max. Speed Km/h	Max. Tare Mass. (Tns)	Nominal Carrying Capacity (Tonnes/ Litres)	Permis-sible Over-load (Kg)	Max. Length Over Pulling Lines Nearest 100mm	Gauge (mm)	Avail-able for Bogie Ex-change	Remarks/Restrictions
NBNX	Covered Van	80	27	49		12.500	1435/ 1600	Yes	
NBNY	Covered Van	115	27	49		12.500	1435	No	
NCBX	Coiled Steel (Special Cradles)	80	23	51	1,000	15.000	1435/ 1600	Yes	
NCCY NCCF	Coiled Steel	80	24	54		15.700	1435	No	
NCDY NCDF	Coiled Steel (Timber Cradles)	80	26	52		15.100	1435	No	
NCEX	Coil Wire	80	22	54		11.900	1435/ 1600	Yes	
NCFX	Coil Wire	80	21	52		15.000	1435/ 1600	Yes	
NCGX	Coil Wire	80	15	61		11.000	1435/ 1600	Yes	
NCHX	Coiled Steel (Timber Cradles)	80	21	51		14.600	1435/ 1600	Yes	
NCLF	Coiled Steel (Five Large Cradles)	80	26	37		14.600	1435	No	
NCLX	Coiled Steel (Five Large Cradles)	80	22	54		14.600	1435/ 1600	Yes	See page 155 for restrictions.
NCMA	Coiled Steel (Timber Cradles)	80	20	43	1,000	14.600	1435	No	
NCMF	Coiled Steel (Timber Cradles)	80	20	43	1,000	14.600	1435	No	
NCNX	Coiled Steel (Continuous Cradles)	80	24	52		11.900	1435/ 1600	Yes	
NCRX	Coiled Steel (Continuous Cradles)	80	25	51		14.600	1435/ 1600	Yes	See page 155 for restrictions.
NCTY	Coil Steel	115	24	54		15.100	1435	No	
NCUX	Coiled Steel (Vertical Coils)	80	23	51	1,000	15.000	1435/ 1600	Yes	
NCWF	Coil Wire	80	21	55		13.100	1435	No	
NFCA	Flat	80	20	42		14.600	1435	No	
NFDX	Flat (Pyne-board and bulkheads)	80	22	52		14.600	1435/ 1600	Yes	
NFEA	Flat	65	20	41	2,000	13.100	1435	No	
NFFF	Flat (Steel products collapsible bulkheads)	80	22	52	1,000	14.600	1435	No	
NFFX	Flat (Steel Products)	80	22	52	1,000	14.600	1435/ 1600	Yes	
NFGX	Flat (Pyne board and bulkhead)	80	26	48		18.500	1435/ 1600	Yes	
NFHF	Flat	80	20	*		14.600	1435	No	Refer Note *

Note: * — If concentrated 27 tonnes over each bolster = 54 tonnes. If distributed over length of wagon = 50 tonnes. If distributed between bolsters = 45 tonnes. If loaded over 3.5m in centre of wagon = 30 tonnes.

Effective: 4.2.90
Replaces:

1	2	3	4	5	6	7	8	9	10
Class	Description of Vehicle	Max. Speed Km/h	Max. Tare Mass. (Tns)	Nominal Carrying Capacity (Tonnes/ Litres)	Permis-sible Over-load (kg)	Max. Length Over Pulling Lines Nearest 100mm	Gauge (mm)	Avail-able for Bogie Ex-change	Remarks/Restrictions
NFHX	Flat	80	20	54		14.600	1435/ 1600	Yes	
NFLA	Flat (General Purpose Bolsters)	80	20	43	1,000	14.600	1435	No	
NFLF	Flat (General Purpose Bolster)	80	20	43	1,000	14.600	1435	No	
NFMX	Flat (General Purpose)	80	20	54		14.600	1435/ 1600	Yes	
NFPX	Flat (General Purpose)	80	23	51		18.500	1435/ 1600	Yes	
NFUA	Flat (General Purpose)	80	19	44	2,000	14.600	1435	No	
NFUF	Flat (General Purpose)	80	19	44	2,000	14.600	1435	No	
NGAF	Hopper (Grain)	80	17	56	1,000	14.300	1435	No	
NGAX	Hopper (Grain)	80	17	56		14.300	1435/ 1600	Yes	
NGBF	Hopper (Grain)	65	22	46	1,000	11.800	1435	No	
NGCX	Hopper (Grain)	80	22	46		12.300	1435/ 1600	Yes	
NGDX	Hopper (Starch)	80	17	56		14.300	1435/ 1600	Yes	
NGGF	Hopper (Sugar)	80	21	60		14.300	1435	No	
NGTY NGTF	Hopper (Grain)	80	21	60		14.300	1435	No	
NKHY	Slab Steel	80	24	54		15.700	1435	No	
NKJY	Slab Steel	80	24	54		15.100	1435	No	
NKSX	Wide Steel Plate	80	25	40		14.600	1435/ 1600	Yes	
NLBF	Louvre (Banana Traffic)	80	22	40		14.600	1435	No	
NLBX	Louvre (Banana Traffic)	80	28	46		14.600	1435/ 1600	Yes	
NLCX	Louvre Pallet loading (Steel Floor)	80	24	50		14.600	1435/ 1600	Yes	See page 155 for restrictions.
NLDF	Louvre (Newsprint)	80	28	48	100	21.600	1435	No	See page 155 for restrictions.
NLGF	Louvre	80	26	48	500	14.600	1435	No	
NLGX	Louvre	80	26	48	500	14.600	1435/ 1600	Yes	
NLHX	Louvre	80	25	49	1,000	14.600	1435/ 1600	Yes	
NLJX	Louvre Pallet Loading (Steel Floor)	80	27	49		18.200	1435/ 1600	Yes	See page 155 for restrictions.
NLJY NLJF	Louvre Pallet Loading (Steel Floor)	80	29	49		18.200	1435	No	

Effective: 4.2.90
Replaces:

1	2	3	4	5	6	7	8	9	10
Class	Description of Vehicle	Max. Speed Km/h	Max. Tare Mass. (Tonnes)	Nominal Carrying Capacity (Tonnes/ Litres)	Permis-sible Over-load (kg)	Max. Length Over Pulling Lines Nearest 100mm	Gauge (mm)	Avail-able for Bogie Ex-change	Remarks/ Restrictions
NLKF	Louvre Pallet Loading (Steel Floor)	80	27	49		18.200	1435	No	
NLKY	Louvre Pallet Loading (Steel Floor)	115	29	49		18.200	1435	No	
NLLA	Louvre	80	22	41		14.600	1435	No	
NLLF	Louvre	80	22	41		14.600	1435	No	
NLNY	Louvre Steel Floor for Paper Traffic	115	29	49		18.000	1435	No	
NLTX	Louvre Tin Plate	80	28	46	1,000	14.800	1435/ 1600	Yes	
NMFA	Motor Car	80	21	10		16.800	1435	No	Conveys 6-8 motor cars
NMFF	Motor Car	80	21	10		16.800	1435	No	Conveys 6-8 motor cars
NMKX	Motor Car	80	22	16		23.100	1435/ 1600	Yes	Conveys 8-10 motor cars
NMNX	Motor Car	80	30	15		23.700	1435/ 1600	Yes	Conveys 8-10 motor cars
NMNY	Motor Car	100	29	16		23.700	1435	No	Motor Car Superfreighter Conveys 8-10 motor cars
NOAF	Open General Purpose	80	17	34	400	11.700	1435	No	
NOBX	Open General Purpose	80	22	52	1,000	15.000	1435/ 1600	Yes	See page 155 for restrictions
NOCY	Open General Purpose (Steel Floor)	80	28	50		20.100	1435	No	
NODY	Open General Purpose (Steel Floor)	80	24	54		15.700	1435	No	
NOEF	Open Concentrates (Steel Floor)	80	18	56		11.000	1435	No	
NOGF	Open General Purpose	80	20	52	1,000	13.100	1435	No	
NOGX	Open General Purpose	80	20	51	1,000	13.100	1435/ 1600	Yes	
NOHF	Open Concentrates	80	20	52	1,000	13.100	1435	No	
NOJY	Open	115	24	54.		15.100	1435	No	
NOSF	Open Scrap Delivery	80	20	54		11.900	1435	No	
NPAX	Bulk Cement	80	17	59		12.900	1435/ 1600	Yes	
NPBF	Bulk Cement	80	23	53		11.800	1435	No	
NPCF	Bulk Cement	80	18	56		15.000	1435	No	
NPLA	Bulk Cement	80	21	41	1,000	11.900	1435	No	
NPLF	Bulk Cement	80	22	41	1,000	11.900	1435	No	
NPRF	Bulk Cement (Pneumatic Discharge)	80	20	58		12.600	1435	No	
NPRX	Bulk Cement	80	17	59	800	12.600	1435/ 1600	Yes	

1	2	3	4	5	6	7	8	9	10
Class	Description of Vehicle	Max. Speed Km/h	Max. Tare Mass. (Tns)	Nominal Carrying Capacity (Tonnes/ Litres)	Permis-sible Over-load (kg)	Max. Length Over Pulling Lines Nearest 100mm	Gauge (mm)	Avail-able for Bogie Ex-change	Remarks/Restrictions
NPRY	Bulk Cement	80	20	58	200	12.600	1435	No	
NPTF	Bulk Cement	80	21	35		11.900	1435	No	
NQAY	Flat Containers	95-100 km/h con-veyed on Super fr'ghter services	22	56		20.100	1435	No	
NQBX	Flat Containers and General Purpose	80	29	47-49 Tonnes between Dynon, Sydney Metro. Area and Br'bane Area	See Note P. 155	23.300	1435/ 1600	Yes	See page 155 for restrictions.
NQCX	Flat Refrigerated Containers	80	18	52		14.800	1435/ 1600	Yes	
NQDX	Flat Container (With chains for the carriage of steel products)	80	27	49		23.700	1435/ 1600	Yes	See page 155 for restrictions.
NQEX	Flat Container	80	27	49		23.700	1435/ 1600	Yes	See page 155 for restrictions.
NQFX	Flat I.S.O. Containers (End bulkheads)	80	23	53	See Note P. 155	20.500	1435/ 1600	Yes	See page 155 for restrictions.
NQGW	Flat 10 metre Container	115	25	53		25.600	1435	No	Must not be coupled to fixed wheel based vehicles.
NQIA	Flat I.S.O. Containers (Except No. 14511, 14524, 14525)	65 Special instruc-tions when loaded	22	52		14.600	1435	No	
NQIF	Flat I.S.O. Container (No. 14511, 14524, 14525)	80	18	52		14.600	1435	No	
NQIW	Flat Container	110	17	61		14.600	1435	No	
NQIX	Flat I.S.O. Containers	80	18	58		14.600	1435/ 1600	Yes	
NQIY	Flat Container	95-100 when con-veyed on Super-fr'ghter services	20	58	1,000	14.600	1435	No	
NQJW	Flat Low Level Jumbo Containers	95-100 when con-veyed on Super-fr'ghter services	27	51		25.500	1435	No	Must not be coupled to fixed wheel base vehicles. Fitted with low level bogies (except 22001) and are bogie exchangeable with AQDW wagons only.
NQMW	Flat Container	90	23	53		25.700	1435	No	Must not be coupled to fixed wheel base vehicles.

1	2	3	4	5	6	7	8	9	10
Class	Description of Vehicle	Max. Speed Km/h	Max. Tare Mass. (Tns)	Nominal Carrying Capacity (Tonnes/ Litres)	Permis-sible Over-load (kg)	Max. Length Over Pulling Lines Nearest 100mm	Gauge (mm)	Avail-able for Bogie Ex-change	Remarks/Restrictions
NZEF	Army Tanks and Special Loads	65	19	56		10.000	1435	No	
NZGX	Glucose Tank on Flat Wagon	80	25	38		14.600	1435/ 1600	Yes	
NZLA	Special Loads	Special instruc-tions loaded or empty	32	118		12.400	1435	No	
NZSX	Wide Steel Plate	80	25	40		14.600	1435/ 1600	Yes	
NZTA	Pipes	80	19	44	2,000	14.600	1435	No	
NZTF	Pipes	80	19	44	2,000	14.600	1435	No	
NZTX	Pipes	80	19	44	2,000	14.600	1435/ 1600	Yes	
NZWA	Wheel Sets	80	19	42	2,000	13.100	1435	No	
NZZA	Special Loads No. 440	40 Special instruc-tions when loaded	49	111		7.000	1435	No	
NZZA	Special Loads No. 530	40 Special instruc-tions when loaded	61	61		7.000	1435	No	
NZZA	Special Loads No. 600	40 Special instruc-tions when loaded	99	84		8.800	1435	No	

1	2	3	4	5	6	7	8	9	10
Class	Description of Vehicle	Max. Speed Km/h	Max. Tare Mass. (Tns)	Nominal Carrying Capacity (Tonnes/ Litres)	Permis-sible Over-load (kg)	Max. Length Over Pulling Lines Nearest 100mm	Gauge (mm)	Avail-able for Bogie Ex-change	Remarks/ Restrictions
NQOX	Flat I.S.O. Containers and General Purpose	80	21	53 tonnes when con-veying con-tainers between Dynon, Sydney Metro. Area and Br'bane Area	See Note P. 155	20.100	1435/ 1600	Yes	
NQOY	Flat I.S.O. Containers and General Purpose	95-100 km/h when con-veyed on Super fr'ghter ser-vices	24	54		20.100	1435	No	
NQRX	Flat Containers	80	19	57		18.200	1435/ 1600	Yes	
NQRY									
NQSF	Flat I.S.O. Containers	80	16	36		14.600	1435	No	
NQTW	Container	115	25	53		25.600	1435	No	Must not be coupled to fixed wheel base vehicles.
NQUF	Flat Container	80	19	44		14.600	1435	No	
NQVF	Flat Flexi-Van Containers (Nos. 12416-12421 and 12433 Onwards)	80	26	52	See Note P. 155	23.200	1435	No	See page 155 for restrictions.
NQVX	Flat Flexi-Van Containers	80	26	52	See Note P. 155	23.200	1435/ 1600	Yes	See page 155 for restrictions.
NQWW	Flat Container	115	25	53		25.600	1435	No	Must not be coupled to fixed wheel base vehicles
NRNY	Refrigerated	95	29	48		12.400	1435	No	
NTHF	Tank (L.P. Gas)	80	36	70,200		18.000	1435	No	
NWFF	Well	65 Special instruc-tions when loaded	25	38		14.900	1435	No	
NWLF	Well	65 Special instruc-tions when loaded	24	50		14.900	1435	No	

WESTERN AUSTRALIAN BOGIE GOODS VEHICLES — PARTICULARS OF

1	2	3	4	5	6	7	8	9	10
Class	Description of Vehicle	Max. Speed Km/h	Max. Tare Mass. (Tns.)	Nominal Carrying Capacity (Tonnes/ Litres)	Permis-sible Over-Load (Kg)	Max. Length Over Pulling Lines Nearest 100mm	Gauge (mm)	Avail-able for Bogie Ex-change	Remarks/Restrictions
WBAX	Covered	100	25	55		18.000	1600/ 1435	Yes	See page 155 for restrictions.
WBNX	Covered	100	25	51		18.000	1600/ 1435	Yes	News-print traffic. See page 155 for restrictions.
WFDY	Flat	100	27	68		17.400	1435	No	
WFEX	Flat	100	20	56		18.000	1600/ 1435	Yes	
WMFX	Motor Car	100	26	15		23.700	1600/ 1435	Yes	Conveys 8-10 motor cars.
WOAX	Open	100	25	54		18.000	1600/ 1435	Yes	See page 155 for restrictions.
WODX	Open	100	26	54		18.000	1600/ 1435	Yes	Provision for Dangerous Goods Signs each side. See page 155 for restrictions.
WOSF	Open	100	26	54		18.000	1435	No	Doors removed for steel traffic. See page 155 for restrictions.
WOSX	Open High Sided	100	26	54		18.000	1600/ 1435	Yes	Doors removed for steel traffic. See page 155 for restrictions.
WQBX	Flat Container	100	24	56		23.700	1600/ 1435	Yes	See page 155 for restrictions.
WQCX	Flat Container	100	23	57	See Note P. 155	20.100	1600/ 1435	Yes	Unable to load with 30.3 metre container. See page 155 for restrictions.
WQCY	Flat Container	100	24	56		20.100	1435	No	

Effective: 4.2.90
Replaces:

VEHICLES AUTHORISED TO BE LOADED TO 80 TONNES GROSS AND OPERATE AT 80 KM/H

The undermentioned vehicles are permitted to operate loaded to a maximum of 80 tonnes gross (20 tonne axle load) over specified routes and operate within Victoria at a maximum speed of 80 km/h (subject to all lesser local speed restrictions).

Authorised Corridors

Melbourne — Albury (Standard Gauge line only) Albury

VEHICLES AUTHORISED TO BE LOADED TO 80 TONNES GROSS AND OPERATE AT 80 KM/H.

Authorised corridors:-

Melbourne - Albury (Broad Gauge Line)
(Steel products only - except AKEX must not exceed 76 tonnes gross).
(Vans - except WBAZ must not exceed 76 tonnes gross).

Prior agreement must be obtained from WestRail before sending traffic to locations on the Kambalda — Esperance and West Kalgoorlie — Leonora Lines.

The undermentioned vehicles are permitted to operate to a maximum of 80 tonnes gross (20 tonne axle load) in New South Wales, South Australia, Western Australia and Victoria (except AKNF — cannot be loaded beyond 76 tonnes gross when operating in N.S.W.)*

Container Flats
AQCX, AQMX
NQBX, NQDX, NQEX, NQFX, NQOX, NQVF, NQVX
VQCX, VQFX
WQBX, WQCX

Vans
ABFX, ABNX
NLCX, NLDF, NLJX
VLEX, VLNX
WBAX, WBAZ, WBNX

Opens
AOOX (Numbered over 2000 only)
AOBX, AOCX, AOFX, AOMX
NOBX
WOAX, WODX, WOSF, WOSX, WGG

Steel Products
AKEX, AKFX, AKGX, AKMX, AKOX, AKPX
NCLX, NCRX
VFRX, VKEX, VZRF, VZRX

Note: Previously authorised wagon classes WVL, WVP and AKNY no longer exist.
AOOX open wagons numbered under 2000 are not authorised to be loaded to 80 tonnes gross for the time being.

WestRail goods vehicles of the WBOZ and WGG normally restricted to local traffic within Western Australia.

TERMINAL AND SIDING RESTRICTIONS

Melbourne Area	— Available to Dynon/South Dynon/North Dynon. Melbourne Yard. Webb Dock, Swanson Dock, Appleton Dock, Contrans, Intermodal, FCL, Tottenham, Brooklyn, Lysaghts — Long Island.
Ballarat Area	— Available Ballarat Yard, Goods, Crane, Joe White's Siding, Elliot Magill Siding (Redan).
Horsham-Nhill	— No Restriction (Pea Traffic)
Wodonga Area	— No Restriction on Standard Gauge
Adelaide Area	— No Restriction Broad or Standard Gauge
Sydney Area	— No Restriction
Brisbane Area	— No Restriction
Perth Area	— No Restriction

SPEED CONDITIONS

Superfreighter Services Standard Gauge

Container wagons with the last letter being "W" or "Y" when running on Superfreighter or Term Hire Trains are permitted to run at 100 km/h (subject to all lesser local speed restrictions) in Victoria provided they are not loaded above 76 tonnes gross.

If loaded above 76 tonnes gross and not above 78 tonnes gross the container wagon are restricted to a maximum of 90 km/h (subject to all lesser local speed restrictions) in Victoria.

Wagons when loaded above 78 tonnes gross are not to be attached to Superfreighter or Term Hire Services.

Effective: 4.2.90
Replaces:

V/LINE PASSENGER VEHICLES — PARTICULARS OF

1	2	3	4	5	6	7
Class	Description of Vehicle	Max. Speed Km/h	Mass Rating (Tns)	Passenger Capacity	Overall Length of Vehicle over Pulling Lines to Nearest 100mm	Remarks/Restrictions
ACN	Saloon Type with Goods Compartment	115	45	52 (First)	22.800	Air-conditioned, all steel body and auto coupling. See page 159 for restrictions.
ACZ	Saloon Type with Goods Compartment	115	51	52 (First)	22.800	Air-conditioned, all steel body and auto coupling. Nos. 260 and 262 fitted with diesel alternators. See page 159 for restrictions.
AE	Compartment Type	115	56	48 (First)	22.500	Air-conditioned, wooden body and auto coupling.
AJ	Saloon Type with 2 compartments	115	50	48 (First)	23.900	Air-conditioned, all steel body, auto coupling and V/Line/A.N. joint broad gauge (1600mm) stock. See page 159 for restrictions.
AK	Compartment Type	115	42	42 (First)	22.000	Steel body, auto coupling and on hire from A.N.
BCH (Short)	Saloon Type with Goods Compartment	100 (See Note)	41	54 (Economy)	19.300	Air-conditioned, steel body and auto/draw bar coupling.
BCH (Long)	Saloon Type with Goods Compartment	100● (See Note)	46	75 (Economy)	23.500	Air-conditioned, steel body and auto/draw bar coupling. ●-133 BCH is fitted with Socimi bogies.
BCS	Lounge Car	115	41	40	23.400	Air conditioned, all steel body, auto coupling and V/Line/S.R.A. joint standard gauge (1435mm) stock.
BE	Compartment Type	115	56	72▲ (Economy)	22.500	Air conditioned, wooden body and auto coupling. ▲-50 BE is 64 (Economy) passenger capacity.
BG	Saloon and Compartment Type	115	51	62 (Economy)	22.500	Air-conditioned, wooden body and auto coupling.
BH (Short)	Saloon Type	100 (See Note)	38	63 (Economy)	19.200	Air-conditioned, all steel body and draw bar coupling.
BH (Long)	Saloon Type	100● (See Note)	44	87 (Economy)	23.400	Air-conditioned, all steel body and draw bar coupling. ●-153 BH is fitted with Socimi bogies.
BIH	Saloon Type	115 (See Note)	38	67 (Economy)	19.200	Air-conditioned, all steel body and draw bar coupling.
BJ	Saloon Type with 2 Compartments	115	50	64 (Economy)	23.900	Air-conditioned, all steel body, auto coupling and V/Line/A.N. joint stock broad gauge (1600mm) stock. See page 159 for restrictions.
BK	Saloon Type	115	40	56 (Economy)	19.000	All steel body, auto coupling and on hire from A.N.
BKL	Compartment Type	115	42	64 (Economy)	22.000	All steel body, auto coupling and on hire from A.N.
BN	Compartment Type	115	45	88 (Economy)	22.800	Air-conditioned, all steel body, auto coupling and on hire from A.N. See page 159 for restrictions.
BRN	Saloon Type	115	48	66 (Economy)	22.800	Air-conditioned, all steel body, auto coupling and equipped with buffet. See page 159 for restrictions.
BRS	Compartment Type	115	51	48 (Economy)	22.800	Air-conditioned, all steel body, auto coupling and equipped with buffet. See page 159 for restrictions.
BS	Compartment Type	115	51●	64 (Economy)	22.800	Air-conditioned, all steel body and auto coupling. ●-203, 206 and 210 BS are 49 tonnes. See page 159 for restrictions.

NOTE: 'H' carriage sets modified to travel at 115km/h are identified by the speed indications shown on each end of the sets.

Effective: 4.2.90
Replaces:

1	2	3	4	5	6	7
Class	Description of Vehicle	Max. Speed Km/h	Mass Rating (Tns)	Passenger Capacity	Overall Length of Vehicle over Pulling Lines to Nearest 100mm	Remarks/Restrictions
BTH	Saloon type	100■ (See Note)	38●	63▲ (Economy)	19.300†	Air-conditioned, all steel body and auto/draw bar coupling. ■-173 BTH is filted with Socimi bogies. ●-172 and 173 BTH are 44 tonnes. ▲-172 and 173 BTH are 87 (Economy) passenger capacity. †-172 and 173 BTH are 23.500mm.
BZ	Saloon Type	115	51	68 (Economy)	22.800	Air-conditioned, all steel body and auto coupling. See page 159 for restrictions.
CD	Brakevan	115	65		22.000	All steel body, auto coupling, on hire from A.N. and 25 tonne capacity.
CO	Brakevan	115	69		23.900	All steel body, auto coupling, fitted with fish compartment, 26 tonne capacity and V/Line/A.N. joint broad gauge (1600mm) stock. See page 159 for restrictions.
CP	Brakevan	115	26		12.800	All steel body, auto coupling and 10 tonne capacity.
CS	Brakevan	115	56		18.200	All steel body, auto coupling and 20 tonne capacity.
Club	Club and Dining Car	115	46	41	23.900	Air-conditioned, all steel body, auto coupling and V/Line/A.N. joint broad gauge (1600mm) stock. See page 159 for restrictions.
D	Parcels Van	115	36		12.800	All steel body, auto coupling and 24.5 tonne capacity.
DAM	Twinette Sleeper	115	46	18 berths	23.400	Air-conditioned, all steel body, auto coupling and V/Line/S.R.A. joint standard gauge (1435mm) stock.
DH	Parcels Van	115	36	115	12.800	All steel body, auto coupling, 24.5 tonne capacity and for use on 'H' carriage sets.
HW	Weed Spray Train Crew Car	70	41		22.600	Wooden body and auto coupling.
JRA	Roomette Sleeper	115	50	20 berths	23.900	Air-conditioned, all steel body, auto coupling and V/Line/A.N. joint broad gauge (1600mm) stock. JRA1-'Mururi', JRA2-'Chalaki', JRA3-'Nankuri', JRA4-'Purpawi', JRA5-'Juki' and JRA6-'Tarkinji'. See page 159 for restrictions.
JRB	Roomette Sleeper	115	50	20 berths	23.900	Air-conditioned, all steel body, auto coupling and V/Line/A.N. joint broad gauge (1600mm) stock. JRB1-'Allambi' and JRB2-'Tantini'. See page 159 for restrictions.
JTA	Twinette Sleeper	115	49	20 berths	23.900	Air-conditioned, all steel body, auto coupling and V/Line/A.N. joint broad gauge (1600mm) stock. JTA1-'Nomuldi', JTA2-'Mokai', JTA3-'Malkari', JTA4-'Paiti', JTA5-'Yanni' and JTA6-'Kuldali'. See page 159 for restrictions.
JTB	Twinette Sleeper	115	49▲	20 berths	23.900	Air-conditioned, all steel body, auto coupling and V/Line/A.N. joint broad gauge (1600mm) stock. JTB1-'Tawarri', JTB2-'Yankai', JTB3-'Weroni' and JTB4-'Dorai'. ▲-JTB3 and JTB4 have 48 tonne mass rating. See page 159 for restrictions.
LAN	Roomette Sleeper	115	46	20 berths	23.400	Air-conditioned, all steel body, auto coupling, 914.0 tonnes draw gear capacity and V/Line/S.R.A. joint standard gauge (1435mm) stock.
MHN	Brakevan	115	45		23.400	All steel body, auto coupling and V/Line/S.R.A. joint standard gauge (1435mm) stock.
NAM	Twinette Sleeper	115	48	20 berths	23.400	Air-conditioned, all steel body, auto coupling, 914.0 tonnes draw gear capacity and V/Line/S.R.A. joint standard gauge (1435mm) stock.

NOTE: 'H' carriage sets modified to travel at 115km/h are identified by the speed indications shown on each end of the sets.

Effective: 4.2.90
Replaces:

1	2	3	4	5	6	7
Class	Description of Vehicle	Max. Speed Km/h	Mass Rating (Tns)	Passenger Capacity	Overall Length of Vehicle over Pulling Lines to Nearest 100mm	Remarks/Restrictions
PCO	Power Brakevan	115	67		23.900	All steel body, auto coupling, 10 tonne capacity and V/Line/A.N. joint broad gauge (1600mm) stock. See page 159 for restrictions.
PH	Power Van	115	43		12.800	All steel body, auto coupling and for use with car sets requiring headend power.
PHN	Power and Brakevan	115	63		23.400	All steel body, auto coupling, 6 tonne capacity and V/Line/S.R.A. joint standard gauge (1435mm) stock.
RBJ	Saloon Type	115	49	34 (Economy)	23.900	Air-conditioned, all steel body, equipped with Cafeteria, auto coupling and V/Line/A.N. joint broad gauge (1600mm) stock. See page 159 for restrictions.
RMS	Dining Car	115	46	48	23.400	Air-conditioned, all steel body, auto coupling and V/Line/S.R.A. joint standard gauge (1435mm) stock.
RS ('Avoca')	Dining Car	115	76	48	23.100	Air-conditioned, all steel body and auto coupling. See page 159 for restrictions.
RS ('Murray')	Conference Car	115	61	20	22.800	Air-conditioned, all steel body and auto coupling. See page 159 for restrictions.
RS ('Moorabool')	Lecture/ Dance Car	115	61	8	22.800	Air-conditioned, all steel body and auto coupling. See page 159 for restrictions.
SJ (Nos. 281-282)	Roomette Sleeper	115	53	20 berths	23.900	Air-conditioned, all steel body and auto coupling. See page 159 for restrictions.
SJ (Nos. 283-284)	Twinette Sleeper	115	53	20 berths	23.900	Air-conditioned, all steel body and auto coupling. See page 159 for restrictions.
Sleeping (Nos. 1-4)	Twinette Sleeper	115	56	20 berths	22.500	Air-conditioned, wooden body and auto coupling.
Sleeping (Nos. 5-10)	Twinette Sleeper	80●	46	20 berths	22.500	Wooden body and auto coupling. ●-Maximum speed 115km/h when hauled empty of passengers and staff. No. 5-'Wando', No. 6-'Acheron', No. 7-'Coliban', No. 8-'Inman', No. 9-'Pekina' and No. 10.-'Loddon'.
Special ('Melville')	Power Generator Car	80●	41		17.800	Wooden body and auto coupling. ●-Maximum speed 115km/h when hauled empty of passengers and staff.
Special ('Goulburn')	Departmental Accomodation Car	115	51	12 berths	22.500	Wooden body and auto coupling.
Special ('Wimmera')	Medical and Vision Test Car	115	46		22.500	Wooden body and auto coupling.
Special ('Norman')	Observation Car with Compartment	115	55	24 (First)	22.800	Air-conditioned, all steel body and auto coupling.
Special (No.4 State)	Special Purpose Car	115	51	26 (First)	22.700	Wooden body and auto coupling.
Special (No.5 State)	Special Purpose Car	115	61	16 (First)	22.900	Air-conditioned, all steel body and auto coupling.

Effective: 4.2.90
Replaces:

1	2	3	4	5	6	7
Class	Description of Vehicle	Max. Speed Km/h	Mass Rating (Tns)	Passenger Capacity	Overall Length of Vehicle over Pulling Lines to Nearest 100mm	Remarks/Restrictions
Special ('Carey')	Shower and Sanitary Car	80●	30		14.700	Wooden body and auto coupling. ●Maximum speed 115km/h when hauled empty of passengers and staff.
Special ('Dyna-mometer')	Dynamometer Car	115	41		16.400	Dual auto/screw coupling and V/Line/A.N. joint broad gauge (1600mm) stock. See General Appendix (page 120) for instructions regarding the operation of couplings.
SS (No. 285)	Twinette Sleeper	115	57	16 berths	23.800	Air-conditioned, all steel body and auto coupling.
SZ (No. 287)	Twinette Sleeper	115	61	20 berths	23.800	Air-conditioned, all steel body and auto coupling.
VBK	Saloon Type	115	51	56 (First)	22.800	Air-conditioned, all steel body, auto coupling and standard gauge (1435mm) stock.
VFK	Saloon Type	115	51	64 (Economy)	22.800	Air-conditioned, all steel body, auto coupling and standard gauge (1435mm) stock.
VFR	Compartment Type	115	51	56 (Economy)	22.800	Air-conditioned, all steel body, auto coupling, equipped with auxiliary buffet and standard gauge (1435mm) stock.
VFS	Compartment Type	115	51	64 (Economy)	22.800	Air-conditioned, all steel body, auto coupling and standard gauge (1435mm) stock.
VFX	Compartment Type	115	51	48 (Economy)	22.800	Air-conditioned, all steel body, auto coupling, equipped with staff/hostess compartments and standard gauge (1435mm) stock.
VMAP	Motor Car Wagon	115	30		17.900	All steel body, auto coupling and conveys up to 6 motor cars in MotoRail traffic.
VMBP	Motor Car Wagon	115	35		23.100	All steel body, auto coupling and conveys up to 8 motor cars in MotoRail traffic.
VRS	Buffet Car	115	55	27▲	22.800	Air-conditioned, all steel body, auto coupling and standard gauge (1435mm) stock. ▲-233 VRS has 28 passenger capacity.

LINES ON WHICH CERTAIN PASSENGER VEHICLES ARE NOT PERMITTED TO RUN

Roomettes (SJ) (including Nos. 281 and 282), Twinettes (SJ) (including Nos. 283 and 284), Club, AJ, BJ, RBJ carriages, CO Brakevans and PCO Power Vans are not permitted to run over the undermentioned lines at the following locations:—

Ballarat — No.5 and No.6 Tracks and Carriage Shed Back Track.
Essendon — No.3 Track.
Geelong — No.4 Track.
Seymour — No.1 Track.

Roomettes (SJ)(including Nos. 281 and 282), Twinettes (SJ)(including Nos. 283 and 284), Club, AJ, BJ, RBJ, ACN, BN, BRN, BS, BRS

LINES ON WHICH CERTAIN PASSENGER VEHICLES ARE NOT PERMITTED TO RUN

Roomettes (SJ)(including Nos.281 and 282), Twinettes (SJ)(including Nos.283 and 284), Club.AJ, BJ, RBJ, ACN, BN, BRN, BS, BRS, ACZ and BZ carriages, Murray conference carriage, Avoca dining carriage, Moorabool carriage, VVCP, CO brakevans and PCO Power brakevans are not permitted to run between Flinders Street and Clifton Hill due to excess curve effects on the 500 metre radius curve at Clifton Hill.

Effective: 4.2.90
Replaces:

V/LINE RAIL CARS, RAIL MOTORS AND TRAILERS — PARTICULARS OF

1	2	3	4	5	6	7	8
Class	Description of Vehicle	Max. Speed Km/h	Mass Rating (Tns)	Passenger Capacity	Overall Length of Vehicle over Pulling Lines to Nearest 100mm	Kw for Traction	Remarks/Restrictions
Diesel Rail Car (Nos. 40-43)	Self Propelled Passenger Vehicle with Brakevan	115●	61	56	24.100	460	Air-conditioned, all steel body, auto coupling. (See Note) and 1.5 tonne brakevan capacity. ●-Maximum speed 115km/h provided the bogie air-springs are inflated and 65km/h when bogie air springs are deflated. NOTE: Maximum allowable load behind a diesel rail car when hauled in train consist is 500 tonnes.
Diesel Electric Rail Motor (Nos. 55 and 61)	Self Propelled Passenger Vehicle with Brakevan	100●	51	63	18.850	160	Auto coupling (with maximum allowable load on coupling to be 85 tonnes) and 0.5 tonnes brakevan capacity. ●-Maximum speed of 100km/h when hauled on any passenger train.
Diesel Electric Rail Motor (Nos. 56, 58 and 64)	Self Propelled Passenger Vehicle with Brakevan	100●	47	54▲	18.300	160	Auto coupling (with maximum allowable load on coupling to be 85 tonnes) and 1.5 tonnes brakevan capacity. 58RM is on the Historical Vehicles Register. ●-Maximum speed of 100km/h when hauled on any passenger train. ▲-56RM has passenger capacity for 36.
MTH Rail Car Trailer	Saloon Type	115	43	63	19.200		Air-conditioned , all steel body and auto coupling.

Effective: 4.2.90
Replaces:

MET PASSENGER VEHICLES — PARTICULARS OF

1	2	3	4	5	6	7
Class	Description of Vehicle	Max. Speed Km/h	Mass Rating (Tns)	Passenger Capacity	Overall Length of Vehicle over Pulling Lines to Nearest 100mm	Remarks/Restrictions
M (Nos. 1-237)	Motor Car (Hitachi Type)	115	52	86	23.600	Stainless steel body and auto/draw bar coupling.
M (Nos. 301-354)	Motor Car (Comeng Type)	115	50	94	24.000	Air-conditioned, stainless steel body, multi function/draw bar coupling and tread brake.
M (Nos. 561-680)	Motor Car (Comeng Type)	115	46	94	24.000	Air-conditioned, stainless steel body, multi function/draw bar coupling and disc brake.
M (Nos. 691-698)	Motor Car (Comeng Type)	115	52	94	24.000	Air-conditioned, stainless steel body, multi function/draw bar coupling and tread brake with chopper equipment.
T (Nos. 901-991, 1901-1991)	Trailer Car (Hitachi Type)	115	36	96	23.600	Stainless steel body and draw bar coupling.
T (Nos. 992-1017, 1992-2017)	Trailer Car (Hitachi Type)	115	36	89	23.600	Stainless steel body and draw bar coupling. Former 'D' type cars and now run as 'T' type cars, but still with cabs and 'D' type car seating.
T (Nos. 1001-1127, 1196-1199)	Trailer Car (Comeng Type)	115	34	102	23.200	Air-conditioned, stainless steel body and draw bar coupling with tread brake.
T (Nos. 1131-1190)	Trailer Car (Comeng Type)	115	30	102	23.200	Air-conditioned, stainless steel body and draw bar coupling with disc brake.

Effective: 4.2.90
Replaces:

1	2	3	4	5	6	7
Class	Description of Vehicle	Max. Speed Km/h	Mass Rating (Tns)	Passenger Capacity	Overall Length of Vehicle over Pulling Lines to Nearest 100mm	Remarks/Restrictions
ABS	Dining Car	115	46	48	21.500	Air conditioned, auto coupling and 914.0 tonnes draw gear capacity. See page 164 for restrictions.
BH	Saloon type	115	44	48 (First)	20.300	Air conditioned, all steel body, auto coupling and 914.0 tonnes draw gear capacity.
BHA	Saloon type	115	44	60 (Economy)	20.300	Air conditioned, all steel body, auto coupling and 914.0 tonnes draw gear capacity.
FFH	Saloon type	115	40	36 (Economy)	20.300	Air conditioned, all steel body, auto coupling and 914.0 tonnes draw gear capacity.
FH	Saloon type	115	45	54 (Economy)	20.300	All steel body, auto coupling and 914.0 tonnes draw gear capacity.
FFH	Saloon type	115	40	36 (Economy)	20.300	Air conditioned, all steel body, auto coupling and 914.0 tonnes draw gear capacity.
HFH	Terminal Saloon type	115	40	48 (Economy)	20.300	Air conditioned, all steel body, auto coupling and 914.0 tonnes draw gear capacity.
HFZ	Terminal Saloon type	115	40	36 (Economy)	20.300	Air conditioned, all steel body, auto coupling, equipped with S.R.A. guards compartment and 914.0 tonnes draw gear capacity.
LHY	Brakevan	115	49		19.964	Auto coupling, 14.2 tonnes brakevan capacity and 550.0 tonnes draw gear capacity.
MBY	Motor Car Wagon	115	38		23.100	All steel body, auto coupling, conveys up to 8 motor cars in Motorail traffic and 914.0 tonnes draw gear capacity.
MHY	Brakevan	115	35		20.000	Wooden body, auto coupling, 20.0 tonnes brakevan capacity and 914.0 tonnes draw gear capacity.
NDS	Saloon type	115	41	64 (First)	21.500	Air conditioned, all steel body, auto coupling and 914.0 tonnes draw gear capacity.

Effective: 4.2.90
Replaces:

1	2	3	4	5	6	7
Class	Description of Vehicle	Max. Speed Km/h	Mass Rating (Tns)	Passenger Capacity	Overall Length of Vehicle over Pulling Lines to Nearest 100mm	Remarks/Restrictions
ODL	Saloon Type	115	44	34 (First)	21.500	Air-conditioned, all steel body, auto coupling, equipped with staff/ hostess compartment and 914.0 tonnes draw gear capacity.
ODS	Saloon Type	115	41	42 (First)	21.500	All steel body, auto coupling, equipped with staff/hostess compartment and 914.0 tonnes draw gear capacity.
OFS	Saloon Type	115	44	41 (Economy)	21.500	Air-conditioned, all steel body, auto coupling, equipped with staff/ hostess compartment and 914.0 tonnes draw gear capacity.
PFZ	Terminal Saloon Type	115	47	36 (Economy)	20.300	Air-conditioned, all steel body, auto coupling, equipped with power compartment and 914.0 tonnes draw gear capacity.
PHA	Power Van	115	54		23.400	All steel body, auto coupling, 10.0 tonnes brakevan capacity and 914.0 tonnes draw gear capacity.
PHN	Power Van	115	52		23.400	All steel body, auto coupling and 914.0 tonnes draw gear capacity. See page 164 for restrictions.
PHS	Power Van	115	45		15.800	Half screw and auto coupling and 914.0 tonnes draw gear capacity. See page 164 for restrictions.
PHV	Power Van	115	44		14.580	Auto coupling and 914.0 tonnes draw gear capacity. See page 164 for restrictions.
RDH	Saloon Type	115	44	30 (First)	20.300	All steel body, auto coupling, equipped with buffet and 914.0 tonnes draw gear capacity.
RDS	Saloon Type	115	44	30 (First)	20.300	Air-conditioned, all steel body, auto coupling, equipped with buffet and 914.0 tonnes draw gear capacity.
RS	Buffet Car	115	46	27	21.500	Air-conditioned, all steel body, auto coupling, equipped with buffet and 914.0 tonnes draw gear capacity. See page 164 for restrictions.
SBH	Saloon Type	115	41	36 (Economy)	21.500	Air-conditioned, all steel body, auto coupling and 914.0 tonnes draw gear capacity.
SBS	Saloon Type	115	45	48 (First)	21.500	Air-conditioned, all steel body, auto coupling and 914.0 tonnes draw gear capacity.
SDS	Saloon Type	115	41	60 (First)	21.500	Air-conditioned, all steel body, auto coupling and 914.0 tonnes draw gear capacity.
SFE	Saloon Type	115	46	72 (Economy)	21.500	Air-conditioned, all steel body, auto coupling and 914.0 tonnes draw gear capacity.
SFS	Saloon Type	115	46	57 (First)	21.500	Air-conditioned, all steel body, auto coupling and 914.0 tonnes draw gear capacity.
TDS	Saloon Type	115	41	48 (First)	21.500	Air-conditioned, all steel body, auto coupling and 914.0 tonnes draw gear capacity.

Effective: 4.2.90
Replaces:

1	2	3	4	5	6	7
Class	Description of Vehicle	Max. Speed Km/h	Mass Rating (Tns)	Passenger Capacity	Overall Length of Vehicle over Pulling Lines to Nearest 100mm	Remarks/Restrictions
XD	Saloon Type	130	42	72 (First)	24.200	Air-conditioned, all steel body, auto coupling, 89.0 tonnes draw gear capacity and may only be coupled to 'X' classification passenger vehicles or bufferless locomotives.
XDH	Saloon Type	130	40	56 (First)	24.200	Air-conditioned, all steel body, auto coupling, 89.0 tonnes draw gear capacity and may only be coupled to 'X' classification passenger vehicles or bufferless locomotives.
XDR	Saloon Type	130	44	34 (First)	24.200	Air-conditioned, all steel body, auto coupling, equipped with buffet, 89.0 tonnes draw gear capacity and may only be coupled to 'X' classification passenger vehicles or bufferless locomotives.
XF	Saloon Type	130	42	72 (Economy)	24.200	Air-conditioned, all steel body, auto coupling, 89.0 tonnes draw gear capacity and may only be coupled to 'X' classification passenger vehicles or bufferless locomotives.
XFH	Saloon Type	130	40	56 (Economy)	24.200	Air-conditioned, all steel body, auto coupling, 89.0 tonnes draw gear capacity, equipped with van goods compartment and may only be coupled to 'X' classification passenger vehicles or bufferless locomotives.
XM	Saloon Type	130	42	72 (Economy)	24.200	Air-conditioned, all steel body, auto coupling, 89.0 tonnes draw gear capacity and may only be coupled to 'X' classification passenger vehicles or bufferless locomotives.

POWER VAN LIMITATIONS — STANDARD GAUGE

The following are the maximum number of carriages which can be supported from the supply mains:—

INTERCAPITAL DAYLIGHT EXPRESS

13 air-conditioned carriages including 1ABS or RS buffet carriage or 12 air-conditioned carriages including 2ABS or RS vehicles.

Note: Should PHS Power Van No. 2290, 2291 or 2292 be marshalled in the consist the maximum number of carriages must not exceed 8 air-conditioned carriages including 1ABS or RS buffet carriage or 7 air-conditioned carriages including 2ABS or RS vehicles.

MELBOURNE-SYDNEY EXPRESS

16 air-conditioned carriages.

Note: PHN Power Vans with modified SRA Guard's Compartments are used on Melbourne-Sydney services. When PHN Power Vans are not available, PHS or PHV Power Vans may be used with a Brake Van attached.

1	2	3	4	5	6	7
Class	Description of Vehicle	Max. Speed Km/h (See Note)	Mass Rating (Tns)	Passenger Capacity	Overall Length of Vehicle over Pulling Lines to Nearest 100mm	Remarks/Restrictions
ABE	Compartment Type		46	26 (First) and 36 (Economy)	22.500	Wooden body and Auto coupling. Nos. 3, 7 and 16.
ABU	Compartment Type		36	20 (First) and 26 (Economy)	18.500	Wooden body, 365 tonnes maximum trailing load behind vehicle and screw/auto coupling (auto coupling one end, transition hook on opposite end). Nos. 32 and 40.
AE	Compartment Type		46	48 (First)	21.641	Wooden body and auto coupling.
AV	Compartment Type		41	32 (First)	16.300	Wooden body, 365 tonnes maximum trailing load behind vehicle and screw coupling. Nos. 1 and 32.
AW	Compartment Type		32	40▲ (First)	17.717†	Wooden body and auto coupling. Nos. 64 and 65. ▲-65 AW has passenger capacity for 60. †-65 AW has an overall length of vehicle of 19.507mm over pulling lines.
BCE	Compartment Type		43	42 (Economy)	21.641	Wooden body, auto coupled and equipped with vangoods compartment. Nos. 1 and 3.
BCPL	Saloon Type		30	51 (Economy)	17.685	Wooden body, auto coupled, equipped with van goods compartment and 365 tonnes maximum trailing load behind vehicle. No. 29.
BE	Compartment Type		46	72 (Economy)	22.500	Wooden body and auto coupling. Nos. 14, 25, 38, 45 and 57.
BL	Compartment Type		41	72 (Economy)	22.500	Wooden body, 365 tonnes maximum trailing load behind vehicle and screw coupling. No. 13 ("Pioneer").
BPL	Saloon Type		30	82 (Economy)	17.685	Wooden body, auto coupled and 365 tonnes maximum trailing load behind vehicle. No. 43.
BU	Compartment Type		30	48 (Economy)	17.776	Wooden body and auto coupling. No. 27.
BV	Compartment Type		30	50 (Economy)	16.300	Wooden body, 365 tonnes maximum trailing load behind vehicle and screw coupling. Nos. 7 and 18.
BW	Compartment Type		36	60 (Economy)	20.300	Wooden body and auto coupling. Nos. 60, 63, 67, 68, 75, 80 and 82.
BWL	Compartment Type		36	68▲ (Economy)	20.300	Wooden body and auto coupling. Nos. 60-63, 65, 67 and 69. ▲-62 BWL has passenger capacity for 60.
C	Brakevan		25		13.100	Wooden body, auto coupling and 8.0 tonnes brakevan capacity. No. 28.
CE	Brakevan		46		19.300	Wooden body, auto coupling and 12.0 tonnes brakevan capacity. No. 18.
CV	Brakevan		35		19.300	Wooden body, auto coupling and 10.0 tonnes brakevan capacity. No. 5.
CW	Brakevan		36		16.200	Wooden body and auto coupling. Nos. 14 and 15.
G	Saloon Type		25	94 (Economy)	17.487	Wooden body, screw/auto coupling (auto coupling one end and transition hook on opposite end) and 365 tonnes maximum trailing load behind vehicle. No. 98.
Special ("Yarra")	Parlour Car Compartment Type		41	33 (First)	22.500	Wooden body and auto coupling.
X	Compartment Type		15	50 (First)	10.200	Wooden body, screw coupling, fixed wheel base and kerosene lighting. No. 40.
Y	Compartment Type		15	50 (Economy)	9.400	Wooden body, screw coupling, fixed wheel base and kerosene lighting. No. 309.
YZ	Compartment Type with Goods compartment		15	30 (Economy)	9.000	Wooden body, screw coupling, fixed wheel base and kerosene lighting. No. 69.
ZD	Brakevan		13		8.400	Wooden body, dual coupling and fixed wheel base. Nos. 470, 600, 604 and 619.
ZL	Brakevan		13		8.400	Wooden body and auto coupling. No. 2.

NOTE: The maximum permissable speed of the vehicles will be shown on the special timetable circular issued when these vehicles travel over V/Line tracks.

Effective: 4.2.90
Replaces:

V/LINE DIESEL ELECTRIC LOCOMOTIVES — PARTICULARS OF

1	2	3	4	5	6	7	8
Class	Max. Speed Km/h	Mass Rating (Tns)	Axle Load (Tns)	Fuel Capacity (Litres)	Overall Length to Nearest 100mm	Kw for Traction	Remarks/Restrictions
A	115	122	20.3	4,540	18.500	1680	Able to multi-unit and auto staff exchanger equipped. Nos. 60, 62, 66, 70, 71, 73, 77, 78, 79, 81 and 85.
B	115	123	20.5	4,550	18.500	1120	Able to multi-unit and auto staff exchanger equipped. Nos. 61, 64, 65, 75, 76 and 80.
C	115■	134	22.3	10,130	20.600	2240	Able to multi-unit and auto staff exchanger equipped. Nos. 501—510. ■—Maximum speed 50km/h when running long end leading.
G	115	127	21.2	10,230	19.800	2240	Able to multi-unit, not auto staff exchanger equipped and fitted with Super-Series traction equipment. Nos. 511-543.
H	100	81	20.3	3,500	13.400	710	Able to multi-unit, not staff exchanger equipped and fitted with low-speed control. Nos. 1-5.
N	115	123	20.5	6,800	20.000	1680	Able to multi-unit and auto staff exchanger equipped. Nos. 451-475.
P	100	76	19.0	3,500	14.600	710	Able to multi-unit and not auto staff exchanger equipped. Nos. 11-23.
S	115■	122	20.3	6,820	18.600	1340	Able to multi-unit and auto staff exchanger equipped. Nos. 300-302, 306 & 307, 310-313 and 317. ■-Maximum speed 50km/h when running hostler's end leading.
T	100	69	17.3	3,400▲	13.400	710●	Able to multi-unit and not auto staff exchanger equipped. Nos. 367-412. ▲-Nos. 399-412 have 3,500 litres fuel capacity. ●-Nos. 399-412 have 820kw.
W	35	49	16.3	3,270	9.200	485	Not able to multi-unit and restricted to Loco Depot limits. No. 244.
X	115■	118†	19.7▲	6,820	18.400	1490●	Able to multi-unit and auto staff exchanger equipped. Nos. 31-54. ■-Nos. 45-54 have maximum speed 50km/h when running Long End leading. ▲-Nos. 31-36 have 19.0 tonnes axle load. †-Nos. 31-36 have 114.0 tonnes mass. ●-Nos. 31-36 have 1340kw.
Y (See Note)	65	68	17.0	4,550	13.300	450	Able to multi-unit and not auto staff exchanger equipped. Nos. 101-104, 107-110, 113, 115, 118-122, 124, 125, 127, 129, 134-138, 140, 142, 143, 145-152, 156-157, 161, 163-165, 169-171 and 174. **Note**—"Y" class Locomotives are not to be utilised to haul train services unless accommodated in the Master Locomotive Roster without approval of either the Locomotive Fleet Engineer or Fuel Point Foreman, and then only when exceptional circumstances apply.

Effective: 4.2.90
Replaces:

AUSTRALIAN NATIONAL DIESEL ELECTRIC LOCOMOTIVES — PARTICULARS OF

1	2	3	4	5	6	7	8
Class	Max. Speed Km/h	Mass Rating (Tns)	Axle Load (Tns)	Fuel Capacity (Litres)	Overall Length to Nearest 100mm	Kw for Traction	Remarks/Restrictions
BL	115	128	21.3	10,230	20.700	2240	Able to multi-unit and not auto staff exchanger equipped. Nos. 26, 27 and 31-35.
700	115	112	18.6	5,450	18.700	1490	Able to multi-unit and not auto staff exchanger equipped. Nos. 701-706.
930	115	106▲	17.7†	5,400	17.900	1190	Able to multi-unit and not auto staff exchanger equipped. Nos. 931, 932, 934, 938, 939 and 963. Nos. 931, 932 and 934 are equipped for single ended operation only. ▲-Nos. 931, 932 and 934 are 103 tonnes mass rating. †-Nos. 931, 932 and 934 are 17.2 tonnes axle load.

NEW SOUTH WALES (S.R.A.) DIESEL ELECTRIC LOCOMOTIVES — PARTICULARS OF

422	115	110	18.3	5,400	18.400	1490	Able to multi-unit. Nos. 42201-42220. No. 42220 is fitted with super-series equipment.
81	115	129	22.5	6,600	19.700	2240	Able to multi-unit. Nos. 8166-8180.
XP	130	76	19.0	4,500	17.300	1290	May only be coupled to "X" classification passenger vehicles or bufferless locomotives. Nos. 2000-2014.

Effective: 4.2.90
Replaces:

HISTORICAL REGISTER DIESEL AND ELECTRIC LOCOMOTIVES — PARTICULARS OF

1	2	3	4	5	6	7	8
Class	Max. Speed Km/h	Mass Rating (Tns)	Axle Load (Tns)	Fuel Capacity (Litres)	Overall Length to Nearest 100mm	Kw for Traction	Remarks/Restrictions
E	65	56	14.0		11.800	460	Electric locomotive and able to multi-unit within own class only. Nos. 1106 and 1109.
L	115	99	16.5		18.000	1790	Electric locomotive and able to multi-unit within own class only. Nos. 1150, 1160, 1162 and 1169.
T	100	69	17.3	3,400	14.600	650	Diesel electric locomotive and able to multi unit. Nos. 320 and 413. No. 413 is equipped with Dynamic braking.
Y (See Note A)	65	68	17.0	4,550	13.300	450	Able to multi-unit and not auto staff exchanger equipped. No. 133.

NOTE A:—"Y" class Locomotives are not to be utilised to haul train services unless accommodated in the Master Locomotive Roster without approval of either the Locomotive Fleet Engineer or Fuel Point Foreman, and then only when exceptional circumstances apply.

STEAM LOCOMOTIVES — PARTICULARS OF

D3	95 (See Note B)	102	14.0	5 tonnes coal 19,110 litres water	18.400		Auto staff exchanger equipped. No. 639. Allocated to Steamrail Ballarat.
J	80 (See Note B)	115	15.8	7 tonnes Coal 19,110 litres water	18.400		Auto staff exchanger equipped. No. 515. Allocated to Seymour Loco Steam Preservation Group.
K	80 (See Note B)	106	13.7	5 tonnes coal 19,110 litres water	18.400		Auto staff exchanger equipped. Nos. 153 and 190 allocated to Steamrail Victoria. No. 163 allocated to Mornington Railway Preservation Society.
R	115 (See Note B)	191	21.1	6 tonnes coal 40,950 litres water	23.500		Auto staff exchanger equipped. No. 707 allocated to "707 Operations Inc." Nos. 761 and 766 allocated to Steamrail Victoria.

NOTE B: All steam locomotives are restricted to 50 km/h maximum when operating tender first.

Effective: 4.2.90
Replaces:

SPEEDS OF TRACK MACHINES

THE FOLLOWING SPEEDS ARE TO BE USED IN THE PREPARATION OF TIME-TABLES FOR TRACK MACHINES.

		Maximum Speed km/h	Time-table Speed km/h
Ballast Regulator No. 1 (Standard Gauge)		50	40
Ballast Regulator Nos. 2, 4, 5, 8, 13 to 18		70	50
Electromatic Tamper MK.2 Nos. 8, 11		50	40
Electromatic Tamper EJ.6 Nos. 2, 10		40	32
Junior Electromatic and Switch Tamper Nos. 4, 5, 15, 17		30	24
Plasser Tamper 07-16B No. 12		70	50
Plasser Tamper 07-16B Nos. 1, 13, 18		70	60
Plasser Tamper 08-16B Nos. 21, 22, 23		80	70
Plasser Switch Tamper 79-800W Nos. 6, 14, 19, 20		80	70
Crib and Shoulder Compactor Nos. 2, 4		40	32
Crib and Shoulder Compactor Nos. 1, 3, 5 to 9		70	50
▲ Ballast Cleaner R.M. 74 U.V.R. No. 1		80	70
▲ Ballast Cleaner R.M. 80 No. 2		80	70
▲ Track Recorder E.M.100 No. 1	Travelling	100	80
	Recording	80	75
Track Recorder P.V.6 No. 2	Travelling	60	40
	Recording	30	25
▲ S.R.A. (NSW) Track Recorder R.V.X. No. 4 E.M. 120 (1435mm gauge)	Travelling	100	80
	Recording	80	75
▲ Mobile Flash Butt Welder No. 1		70	35

▲—These machines are not insulated and will operate track circuits. All other machines are not to be relied upon to operate track circuits.

Schedules for track machines are issued by separate timetable circulars.

Effective: 4.2.90
Replaces:



PUBLIC TRANSPORT CORPORATION
V/LINE

S 1/4026

S.91/4026

STATIONS: Standard Gauge Distribution

Movements Planning Section,
Level 3, 589 Collins Street,
Tel: 619 4371 MF:WR
20th September, 1991.

PASSENGER/FREIGHT SERVICE ALTERATIONS
MELBOURNE - ALBURY - SYDNEY - BRISBANE
STANDARD GAUGE

Effective Sunday 29th September 1991, schedules indicated on pages 85 - 90 of the Master Train Plan are SUSPENDED and the following schedules will apply UNTIL FURTHER NOTICE.

DOWN:

00 30	(No.3282)	Goods Dynon - Port Botany (Tu Th O)
12 00	(No.3472)	Goods Dynon - Port Kembla (Tu W Th Sa O)
15 45	(No.3110)	Superfreighter Dynon - Acacia Ridge (Sa O)
1[illegible]5	(No.3294)	Goods Dynon - Chullora (Sa O)
18 40	(No.3194)	Superfreighter Dynon - Chullora (M to F)
19 10	(No.3196)	Superfreighter Dynon - Cooks River (M to F)
19 10	(No.3296)	Superfreighter Dynon - Cooks River (Sa O)
20 00	(No.8625/SL-2)	Pass., Spencer Street - Sydney (Daily)
20 10	(No.3110)	Superfreighter Dynon - Acacia Ridge (M to F)
22 00	(No.3228)	Goods Dynon - Enfield (M W Th O)
22 00	(No.3228)	Goods Dynon - Acacia Ridge (Tu F O)

UP: Initial Times/Days of Running Ex Albury

01 05	(No.3245)	Goods Albury - Dynon (Tu Th Sa O)	Connects No.2343 ex Port Kembla
01 25	(No.3275)	Goods Albury - Dynon (M O)	Ex Chullora Saturday at 13 00
02 35	(No.3247)	Superfreighter Albury-Dynon(W-Sa)	Ex Acacia Ridge Mon to Thur at 16 00
03 50	(No.3175)	Superfreighter Albury-Dynon(Tu-Sa)	Ex Chullora Mon to Fri at 18 15
04 10	(No.3177)	Superfreighter Albury-Dynon(Tu-Sa)	Ex Cooks River Mon to Fri at 18 30
05 00	(No.SL-1/8616)	Pass., Albury - Spencer Street(Daily)	Ex Sydney Daily at 19 45
10 20	(No.3287)	Goods Albury - Dynon (Tu Th O)	Ex Port Botany Mon Wed at 21 30
12 45	(No.3213)	Goods Albury - Dynon (Sa O)	Ex Clyde Yard Sat at 01 00
14 20	(No.3213)	Goods Albury - Dynon (M O)	Ex Acacia Ridge Saturday at 16 10
1[illegible] 0	(No.3213)	Goods Albury - Dynon (Tu to F)	Ex Enfield Tu to Fri at 01 00
17 30	(No.3277)	Goods Albury - Dynon (Su O)	Ex Cooks River Saturday at 16 00
19 00	(No.3247)	Superfreighter Albury - Dynon (SuO)	Ex Acacia Ridge Fri at 17 00
19 20	(No.3341)	Goods Albury - Dynon (Tu Th O)	Ex Enfield Tue, Thu at 07 50

Schedules enclosed are for Through Operation Only. McIntyre, Somerton and Upfield Area Sidings will be served by Trip Train from Dynon as arranged by Manager Short Term Planning.

TRAIN CREW ARRANGEMENTS

Alterations to Rosters will be advised separately by Manager Train Crew Roster Co - ordination.

Pages 2 - 5 attached contain North bound Schedules.
Pages 6 - 8 attached contain South bound Schedules.
Pages 9 -10 attached contain Authorised Working Details for Freight Services

All concerned to note and arrange.

B.T. SPICER.
A/Group Manager,
Train Operations.
Per:-

(continued on page 2)

S.91/4026 (cont'd) - 2 - S.91/4026 (cont'd)

NORTH BOUND SCHEDULES

DOWN:		3282 GOODS TU O	3282 GOODS TH O	3472 GOODS TU W TH O	3472 GOODS SA O
Schedule Speed		80	80	80	80
T.R. Time		00 01	00 01	11 30	11 30
Dynon	dep	00 30	00 30	12 00	12 00
South Dynon Junction		00 35*	00 35*	12 05*	12 05*
West Footscray Junction		00 41*	00 41*	12 12*	12 12*
Sunshine Loop		00 48*	00 48*	12 18*	12 18*
McIntyre Loop	arr	.....	.....	.....	.....
	dep	00 55*	00 55*	12 25*	12 25*
Tullamarine Loop		01 04*	01 04*	12 31*	12 31*
Somerton Loop	arr	.....	.....		
	dep	01 18*	01 18*	12 45*	12 45*
D ybrook Loop		01 30*	01 30*	12 57*	12 57*
Wallan Loop		01 42*	01 42*	13 09*	13 09*
Broadford Loop		02 04*	02 04*	13 31*	13 31*
Tallarook Loop	arr	.....	.....	-3287	-3287
	dep	02 16*	02 16*	13 43*	13 43*
Seymour Loop		02 26*	02 26*	13 53*	13 53*
Longwood Loop		02 58*	02 58*	14 25*	14 25*
Violet Town Loop	arr	-3245	-3245	.....	-3213
	dep	03 26*	03 26*	14 53*	14 53*
Benalla Loop	arr	.....	03 45-3247	.....	.....
	dep	03 45*	04 00	15 11*	15 11*
Glenrowan Loop	arr	.....	.....	15 32-3213	.....
	dep	04 08*	04 23*	15 36	15 32*
Alumatta Loop	arr	04 21-3175 3177, 8616	04 37-3175 3177,8616	.....	.....
	dep	05 59	05 59	15 50*	15 47*
Chiltern Loop		06 36*	06 36*	16 25*	16 23*
Wodonga Loop		06 59*	06 59*	16 47*	16 45*
Wodonga Coal Siding		07 05*	07 05*	16 52*	16 50*
Albury	arr	07 10 W O	07 10 F O	17 00 TU W TH O	17 00 SA O
	dep	07 50	07 50	18 10	18 10
Goulburn	arr				Sunday 01 40
	dep				21 30
Port Kembla	arr			W TH F 07 30	Monday 04 00
Port Botany	arr	21 00	21 00		

(continued on page 3)

NORTH BOUND SCHEDULES

DOWN:		3110 SUPER-FREIGHTER SA O	3294 GOODS SA O	3194 SUPER-FREIGHTER M TO F	3196 SUPER-FREIGHTER M TO F	3296 SUPER-FREIGHTER SA O
Schedule Speed		A	80	A	A	A
T.R. Time		14 45	16 45	18 10	18 10	18 40
Dynon	dep	15 45	17 15	18 40	19 10	19 10
South Dynon Junction		15 49*	17 20*	18 44*	19 14*	19 14*
West Footscray Junction		15 55*	17 27*	18 50*	19 20*	19 20*
Sunshine Loop		16 00*	17 35*	18 55*	19 25*	19 25*
McIntyre Loop		16 05*	17 43*	19 00*	19 30*	19 30*
Tullamarine Loop		16 11*	17 51*	19 06*	19 36*	19 36*
Somerton Loop		16 23*	18 03*	19 18*	19 48*	19 48*
Donnybrook Loop		16 32*	18 17*	19 29*	19 59*	19 59*
Wallan Loop		16 44*	18 29*	19 41*	20 11*	20 11*
Broadford Loop	arr	-3213	.....	.....	.....	.....
	dep	17 03*	18 50*	20 00*	20 30*	20 30*
Tallarook Loop		17 14*	19 04*	20 11*	20 41*	20 41*
Seymour Loop		17 22*	19 13*	20 19*	20 49*	20 49*
Longwood Loop		17 44*	19 45*	20 41*	21 11*	21 11*
Violet Town Loop		18 01*	20 12*	20 58*	21 28*	21 28*
Benalla Loop	arr	.....	....	- 3341	- 3341	....
	dep	18 20*	20 32*	21 17*	21 47*	21 47*
Glenrowan Loop		18 36*	20 53*	21 33*	22 03*	22 03*
Alumatta Loop		18 46*	21 09*	21 43*	22 13*	22 13*
Chiltern Loop		19 12*	21 41*	22 09*	22 39*	22 39*
Wodonga Loop		19 27*	22 04*	22 24*	22 54*	22 54*
Wodonga Coal Siding		19 33*	22 09*	22 30*	23 00*	23 00*
Albury	arr	19 40	22 15	22 35	23 05	23 05
		Sa O	Sa O	M to F	M to F	Su O
	dep	19 50	22 50	22 45	23 15	00 10
		Sunday	Sunday			Sunday
Goulburn	arr	02 55	06 50			07 50
	dep	22 55	23 55			18 35
		Monday	Monday	Tu to Sa	Tu to Sa	Sunday
Chullora	arr		04 30	08 50		
Cooks River	arr				09 15	23 20
Flemington Market	arr	03 00				
		Monday				
	dep	04 00				
		as No.6155				
		Tuesday				
Brisbane (Acacia Ridge)	arr	07 52				

A - 90 km/h Dynon - 16.704 km, 100 km/h 16.704 km - Wodonga

(conitnued on page 4)

NORTH BOUND SCHEDULES

		8625/SL-2 PASS	3110 SUPER FREIGHTER	3228 GOODS	3228 GOODS
		DAILY	M to F	M O	TU O
DOWN:					
Schedule Speed			A	80	80
T.R. Time		18 20	19 40	21 30	21 30
Spencer Street	dep	20 00			
Dynon	dep		20 10	22 00	22 00
		-3213	-3213		
South Dynon Junction		20 07*	20 14*	22 05*	22 05*
West Footscray Junction		20 10*	20 20*	22 12*	22 12*
Sunshine Loop		20 15*	20 25*	22 18*	22 18*
McIntyre Loop		20 19*	20 30*	22 25*	22 25*
Tullamarine Loop		20 24*	20 36*	22 34*	22 34*
Somerton Loop		20 32*	20 48*	22 48*	22 48*
Donnybrook Loop		20 41*	20 59*	23 00*	23 00*
Wallan Loop		20 51*	21 11*	23 12*	23 12*
Broadford Loop	arr	-3277	....	.....	.....
	dep	21 08*	21 30*	23 34*	23 34*
Tallarook Loop		21 18*	21 41*	23 46*	23 46*
Seymour Loop	arr	.....	.....	.....	23 58 - 3341
	dep	21 25*	21 49*	23 58*	00 15
Longwood Loop	arr	-3247	.....	.....	.....
	dep	21 47*	22 11*	00 30*	00 47*
Violet Town Loop		22 06*	22 28*	00 58*	01 15*
Benalla Platform	arr	22 25[3]	.....	.....	.....
	dep	22 27●	.....	.....	.....
Benalla Loop	arr	-3341	-3341	.....	.....
	dep	22 29*	22 47*	01 16*	01 33*
Glenrowan Loop		22 43*	23 03*	01 38*	01 55*
Wangaratta Loop	arr	.....	.....	01 52- 3245	.....
	dep	22 52*	23 13*	02 12	02 09*
Wangaratta Platform	arr	22 57[3]	.....	.....	.....
	dep	22 59●	.....	.....	.....
Chiltern Loop	arr	.....	.....	.....	02 46 - 3247
	dep	23 23*	23 39*	02 48*	03 07
Wodonga Loop		23 39*	23 54*	03 10*	03 30*
Wodonga Coal Siding		23 43*	23 59*	03 16*	03 36*
Albury	arr	23 55[5]	00 05	03 25	03 45 - 3175
		DAILY	TU to SA	TU O	W O
	dep	00 01	00 40	05 10	05 10
Enfield	arr			18 20	
Flemington Market	arr		10 15		18 20
			TU to SA		W O
	dep		10 45		19 15
Sydney	arr	09 10	as No. 6155		as No. 6267
Brisbane	arr		07 52 W to SA		20 58
(Acacia Ridge)	arr		09 09 SU O		

A km/h Dynon - 16.704 km, 100 km/h 16.704 km - Wodonga

● No.8625/SL-2 may depart Benalla Platform 22 25 Wangaratta Platform 22 54.

(continued on page 5)

NORTH BOUND SCHEDULES

DOWN:		3228 GOODS W O	3228 GOODS TH O	3228 GOODS F O
Schedule Speed		80	80	80
T.R Time		21 00	21 00	21 00
Dynon	dep	22 00	22 00	22 00
South Dynon Junction		22 05*	22 05*	22 05*
West Footscray Junction		22 12*	22 12*	22 12*
Sunshine Loop		22 18*	22 18*	22 18*
McIntyre Loop		22 25*	22 25*	22 25*
Tullamarine Loop		22 34*	22 34*	22 34*
Somerton Loop		22 48*	22 48*	22 48*
Donnybrook Loop		23 00*	23 00*	23 00*
Wallan Loop		23 12*	23 12*	23 12*
Broadford Loop		23 34*	23 34*	23 34*
Tallarook Loop		23 46*	23 46*	23 46*
Seymour Loop	arr		23 58- 3341	
	dep	23 58*	00 15	23 58*
Longwood Loop		00 30*	00 47*	00 30*
Violet Town Loop		00 58*	01 15*	00 58*
Benalla Loop		01 16*	01 33*	01 16*
Glenrowan Loop		01 38*	01 55*	01 38*
Alumatta Loop	arr	01 52-3245	02 09-3245	01 52-3245
	dep	02 12	02 12	02 12
Chiltern Loop	arr	02 50-3247	02 50-3247	02 50-3247
	dep	03 07	03 07	03 07
Wodonga Loop		03 30*	03 30*	03 30*
Wodonga Coal Siding		03 36*	03 36*	03 36*
Albury	arr	03 45-3175	03 45-3175	03 45-3175
		TH O	F O	SA O
	dep	05 10	05 10	05 10
Enfield	arr	18 20	18 20	
Flemington Market				18 20
				SA O
	dep			19 15
				SU O
Brisbane (Acacia Ridge)	arr			20 58

(continued on page 6)

SOUTH BOUND SCHEDULES

		3245 GOODS	3245 GOODS	3275 GOODS	3247 SUPER FREIGHTER	3175 SUPER FREIGHTER
		SA O	TU TH O	M O	W to SA	TU to SA
UP:						
Schedule Speed		80	80	80	A	A
T.R. Time		00 05	00 05	00 25		
Brisbane (Acacia Ridge)	dep				16 00(M to TH) as No.6164	
Flemington Market	arr				13 50	
	dep				14 00 (Tu to F)	
Chullora	dep			13 00(Sa)		18 15 (M to F)
Albury	arr			02 30 (SU)	02 25 (W to SA)	03 38 (TU to SA)
				MONDAY	W to SA	TU to SA
	dep	01 05	01 05	01 25	02 35	03 50-3228
Wodonga Coal Siding		01 10*	01 10*	01 30*	02 40*	03 55*
Wodonga Loop		01 16*	01 16*	01 36*	02 46*	04 01*
Chiltern Loop	arr	.....	.....	.....	- 3228	.....
	dep	01 38*	01 38*	01 58*	03 05*	04 20*
Alumatta Loop	arr	- 3228	- 3228	.....	.....	.....
	dep	02 10*	02 10*	02 26*	03 31*	04 46*
Glenrowan Loop		02 24*	02 24*	02 39*	03 42*	04 57*
Benalla Loop		02 50*	02 50*	03 05*	03 58*	05 13*
Violet Town Loop	arr	.....	03 15-3282	.....	.....	.....
	dep	03 14*	03 28	03 30*	04 17*	05 32*
Longwood Loop		03 38*	03 53*	03 53*	04 34*	05 49*
Seymour Loop		04 13*	04 28*	04 28*	04 58*	06 13*
Tallarook Loop		04 26*	04 41*	04 41*	05 07*	06 22*
Broadford Loop		04 40*	04 55*	04 55*	05 19*	06 34*
Wallan Loop		05 07*	05 22*	05 22*	05 38*	06 53*
Donnybrook Loop		05 20*	05 35*	05 35*	05 49*	07 04*
Somerton Loop		05 32*	05 47*	05 47*	06 00*	07 15*
Tullamarine Loop		05 43*	05 58*	05 58*	06 10*	07 25*
McIntyre Loop		05 49*	06 04*	06 04*	06 14*	07 29*
Sunshine Loop		05 55*	06 10*	06 10*	06 18*	07 33*
West Footscray Junction		06 01*	06 16*	06 16*	06 22*	07 37*
South Dynon Junction		06 07*	06 22*	06 22*	06 26*	07 41*
Dynon	arr	06 15	06 30	06 30	06 40	07 45

A - 100 km/h Wodonga - 16.704km, 90 km/h 16.704km - Dynon.

(continued on page 7)

SOUTH BOUND SCHEDULES

		3177 SUPER FREIGHTER	SL-1/8616 PASS.	3287 GOODS	3213 GOODS
UP:		TU to SA	DAILY	TU TH O	SA O
Schedule Speed		A		80	80
T.R. Time					
Brisbane (Acacia Ridge)	dep				
Sydney	dep		19 45		
Flemington Market	arr				
	dep				
Cooks River	dep	18 30(M to F)			
Port Botany	dep			21 30 (M W O)	
Clyde Yard	arr				
	dep				01 00
		TU to SA		TU TH O	
Albury	arr	04 00	04 55	10 10	12 35
		TU to SA	DAILY	TU TH O	SA O
	dep	04 10-3228	05 00	10 20	12 45
Wodonga Coal Siding		04 15*	05 05*	10 25*	12 50*
Wodonga Loop		04 21*	05 09*	10 31*	12 56*
Chiltern Loop		04 40*	05 26*	10 53*	13 18*
Wangaratta Platform	arr	.....	05 53[3]	.....	.....
	dep	.....	05 55●	.....	.....
Alumatta Loop		05 06*	05 57*	11 21*	13 46*
Glenrowan Loop	arr	.....	.....	.....	.....
	dep	05 17*	06 07*	11 34*	13 59*
Benalla Loop		05 33*	06 21*	12 00*	14 25*
Benalla Platform	arr	.....	06 25[2]	.....	.....
	dep	.....	06 28●	.....	.....
Violet Town Loop	arr	.....	.....	.....	14 51-3472
	dep	05 52*	06 45*	12 25*	14 55
Longwood Loop		06 09*	07 05*	12 48*	15 20*
Seymour Loop		06 33*	07 27*	13 23*	15 55*
Tallarook Loop	arr	.....	.....	13 37-3472	.....
	dep	06 42*	07 34*	13 45	16 07*
Broadford Loop	arr	.....	.....	.....	16 23 -3110
	dep	06 54*	07 44*	14 01*	17 05
Wallan Loop		07 13*	08 01*	14 28*	17 34*
Donnybrook Loop		07 24*	08 09*	14 41*	17 46*
Somerton Loop	arr	.....	.....	.....	18 00 -3294
	dep	07 35*	08 17*	14 53*	18 05
Tullamarine Loop		07 45*	08 24*	15 04*	18 17*
McIntyre Loop		07 49*	08 28*	15 10*	18 23*
Sunshine Loop		07 53*	08 34*	15 16*	18 29*
West Footscray Junction		07 57*	08 41*	15 22*	18 35*
South Dynon Junction	arr	.....	.....	.....	.....
	dep	08 01*	08 44*	15 27*	18 40*
Dynon	arr	08 05	.....	15 35	18 45
Spencer Street	arr		08 55[2]		

A - 100 km/h Wodonga - 16.704 km, 90 km/h 16.704 km - Dynon

o - No 8616 may depart Wangaratta Platform 05 52, Benalla Platform 06 23.

S.91/4026 (cont'd)

S.91/4026 (cont'd)

SOUTH BOUND SCHEDULES

		3213 GOODS	3213 GOODS	3277 GOODS	3247 SUPER FREIGHTER	3341 GOODS
UP:		M O	TU - F	SU O	SU O	TU TH O
Schedule Speed		80	80	80	A	80
T.R. Time						
Brisbane (Acacia Ridge)	dep	16 10 (SA) as No.6164	Connects ex Newcastle area		17 00 (FRI) as No.6168	
Flemington Market	arr					
	dep		01 00			
Cooks River	dep	Sunday		16 00 (SA)	Sunday	
Enfield	arr	13 50			00 50	
		Monday			Sunday	
	dep	01 00			07 40	07 50
Albury	arr	12 35	12 35	06 30(SU)	18 50	18 50
		MONDAY	TU -F	SUNDAY	SUNDAY	TU TH O
	dep	14 20	14 20	17 30	19 00	19 20
Wodonga Coal Siding		14 25*	14 25*	17 35*	19 05*	19 25*
Wodonga Loop		14 31*	14 31*	17 41*	19 11*	19 31*
Chiltern Loop		14 53*	14 53*	18 03*	19 33*	19 53*
Alumatta Loop		15 21*	15 21*	18 31*	20 01*	20 21*
Glenrowan Loop	arr	.....	- 3472	.....	.....	.....
	dep	15 34*	15 34*	18 44*	20 14*	20 34*
Benalla Loop	arr	.....	.....	.....	.....	21 00 - 3194 3196, 8625, 3110
	dep	16 00*	16 00*	19 10*	20 40*	22 50
Violet Town Loop		16 25*	16 25*	19 35*	21 05*	23 15*
Longwood Loop	arr	.....	.....	.....	21 30-8625	.....
	dep	16 48*	16 48*	19 58*	21 50	23 38*
Seymour Loop	arr	.....	.....	.....	.....	- 3228
	dep	17 23*	17 23*	20 33*	22 28*	00 13*
Tallarook Loop	arr	.....	.....	.....	.....	.....
	dep	17 36*	17 36*	20 46*	22 41*	00 26*
Broadford Loop	arr	.....	.....	21 01-8625	.....	.....
	dep	17 50*	17 50*	21 10	22 55*	00 40*
Wallan Loop		18 17*	18 17*	21 38*	23 22*	01 07*
Donnybrook Loop		18 30*	18 30*	21 51*	23 35*	01 20*
Somerton Loop		18 42*	18 42*	22 03*	23 47*	01 32*
Tullamarine Loop	arr	18 55-3194	18 55-3194	.....	.....	.....
	dep	19 08	19 08	22 14*	23 58*	01 43*
McIntyre Loop		19 15*	19 15*	22 20*	00 04*	01 49*
Sunshine Loop	arr	19 22-3196	19 22-3196	.....	.....	.....
	dep	19 28	19 28	22 26*	00 10*	01 55*
West Footscray Junction		19 34*	19 34*	22 32*	00 16*	02 01*
South Dynon Junction	arr	19 40-8625 3110	19 40-8625 3110	.....	.....	.....
	dep	20 16	20 16	22 38*	00 22*	02 07*
Dynon	arr	20 30	20 30	22 45	00 30	02 15

A - 100 km/h Wodonga - 16.704 km, 90 km/h 16.704 km - Dynon

(Continued on Page 9)

AUTHORISED WORKING OF FREIGHT TRAINS

The existing details on pages 134 and 135 of the Master Train Plan are SUSPENDED and the following will apply UNTIL FURTHER NOTICE.

3110
(Mon. - Sat.) Brisbane Superfreighter
Conveys Container loading on Hi-speed Flats -
Consist 90 slots - (must have 32 low profile slots) (maximum 90 slots & 1940 tonnes).
Profile:- Average length 600 metres - Average tonnage 1940 tonnes.

3175
3275 (Sat)
(Mon. - Sat. ex NSW) Sydney Superfreighter
(ex Albury Tu-Sun.) Conveys Container loading on Hi-speed Flats Chullora to Dynon.
Consist 2 'VQAW', 26 'Y' 90 slots.
Profile:- Average length 600 metres - Average tonnage 2000 tonnes.

3177
(Mon. - Sat. ex NSW) Term Hire, Hi-speed Goods Cooks River to Dynon.
3277 (Sat)
(Tu - Sun. ex Alb) Conveys low profile 'W' Container Flats for Contrans, 'Y' type container Flats.
(Contrans placed to their Siding). Form 3196
Profile:- Average length 560 metres - Average tonnage 1600 tonnes.

3194
3294 (Sat)
(Mon. - Sat.) Sydney Superfreighter
Conveys Hi-speed Container Flats South Dynon to Chullora
2 'VQAW', 26 'Y' Container Flats 90 slots
Profile:- Average length 600 metres - Average tonnage 2000 tonnes.

3196
3296 (Sat)
(Mon. - Sat.) Term Hire Hi-speed Goods. Dynon to Cooks River.
Conveys low profile 'W' Container Flats for Contrans
Limited to 1600 tonnes. Form 3177
Profile:- Average length 560 metres - Average tonnage 1600 tonnes.

3213
(Mon. ex NSW) General Goods - Part of Consist will be Sat. Brisbane Superfreighter.
3213
(Tu. - Sat. ex NSW) General Goods. Conveys general loading, steel, empties, fruit. Shunts to Albury to clear ANM loading to Dynon. Sat, Only Conveys containers ex Port Botany.
(Originate Flemington Markets Mon-Fri) (Originate Clyde Saturday)
Maximum length permitted 860 metres including locomotives.
Profile:- Average length 750 metres - Average tonnage 1800 tonnes.

3228
(Mon. Wed. Thur.) General Goods.
Conveys general loading for Sydney Metropolitan area.
May convey Albury/Wodonga on rear of train (to be detached at Albury) provided that room is available.
(Dual Brake Certificate provided for Sydney loading).
Profile:- Average length 700 metres - Average tonnage 1500 tonnes.

3228
(Tue. Fri.) General Goods.
Conveys general loading for Brisbane, Newcastle area and empty sugar wagons for Grafton.
Profile:- Average length 700 metres - Average tonnage 1500 tonnes.

(continued on page 10)

AUTHORISED WORKING OF FREIGHT TRAINS Cont...

3245 (Tue. Thur. Sat) Local Train Albury to Dynon
Conveys overflow steel (received ex Port Kembla/Morandoo) general loading Containers ex Albury and empty car wagons.
Marshalled Locomotive, Dynon loading, empties, empty car wagons for Fords Somerton .
May convey loaded cement wagons for Blue Circle Somerton (Somerton loading taken through to Dynon and placed by Trip Train as required)

Profile:- Average length 600 metres - Average tonnage 1400 tonnes.

3247 (Mon. - Fri. ex A/Ridge)
(Tue. - Fri & Sun ex Flem.) Brisbane Superfreighter
(Wed. - Sun ex Alb.)
Conveys Container loading on Hi-speed Flats
Consist 90 slots - (Must have 32 low profile slots) Maximum 90 slots.
Profile:- Average length 530 metres - Average tonnage 1600 tonnes. Maximum 1940 Tonnes

3282 (Tu. Thur.) Port Botany Container Train.
Conveys Containers loaded at South Dynon as a Direct service to Port Botany
Profile:- Average length 320 metres - Average tonnage 1050 tonnes.
(Note can load to 80 tonne gross.)

3287 (Mon. Wed.) Ex Port Botany Container Train.
Conveys Containers loaded at Port Botany as a Direct service to South Dynon.
Profile:- Average length 320 metres - Average tonnage 1050 tonnes.
(Note can load to 80 tonne gross.)

3341 (Tu. Thur.) General Goods
Conveys Fruit and overflow steel ex Newcastle area and Empty Car wagons Containers and any available empty vans
Profile:- Average length 450 metres - Average tonnage 1400 tonnes.

3472 (Sat) General Goods.
Conveys empty vehicles for Port Kembla area steel traffic and any available empty container/vans for Albury plus overflow traffic for Sydney Metropolitan area. Not programmed to shunt Blue Circle Somerton. Also convey Port Botany Containers
Profile:- Average length 450 metres - Average tonnage 1100 tonnes.

3472 (Tue - Thu) General Goods.
Conveys empty vehicles for Port Kembla area steel traffic.
Any available empty container/vans for Albury.
Empty cement wagons for Berrima (cleared by Trip Train from Blue Circle to Dynon as required).
Profile:- Average length 450 metres - Average tonnage 1100 tonnes.

END OF CIRCULAR

PUBLIC TRANSPORT CORPORATION

Inter Office Memorandum

Date : 18TH DECEMBER 1991.

File No : M.P.M. LEVEL 3, T.H.
MF.SF:14370-M-MTP-AD

To: AS LISTED

From : A/TRAIN PLANNING MANAGER.

Subject : SUMMARY OF ALTERATIONS FOR 4TH AUGUST 1991 MASTER TRAIN PLAN AMENDMENT. (W.92/1)

Attached is a summary of all proposed train alterations to be incorporated in the Master Train Plan amendment (W.92/1) commencing nday 2nd February, 1992.

The official copy of this Master Train Plan amendment containing a summary of all alterations with reprint pages for the Train Schedules, Authorised Working of Freight Trains and Transit Loading of Containers Section of the Master Train Plan is anticipated to be distributed to all locations by Friday 24th January, 1992.

From Friday 17th January 1992 any inquiries regarding train schedules may be accessed from the "O.C.S." enquiries screen under "List Amendments by Region". The "Region" and "Start Date" fields must be filled in to obtain the amendment information. The Start Date is 02/02/92. The train schedules can then be accessed by marking the appropriate amendment and the pressing "PF2".

Any persons who do not have access to an O.C.S. terminal or require more detailed information regarding train schedules are requested to contact Mr. John Dare (14370) or Mr. Michael Formaini (14371).

y proposals for the next timetable change must be submitted in iting to the Acting Train Planning Manager (Mr. Joe Jones), so we may assess each proposal for consideration, in consultation with other sections.

Regional Managers are requested to circulate copies of this Master Train Plan amendment summary list to respective Union Representatives in each location for their information and comments.

MFormaini
for
J. JONES.

PUBLIC TRANSPORT CORPORATION

V/LINE

W.92/1

DISTRIBUTION: Master Train Plan

W.92/1

Movements Planning Department,
Level 3, 589 Collins Street,
Tel: 619 4371 MF:SF
18th December 1991.

MASTER TRAIN PLAN

Commencing Sunday 2nd February 1992, the attached reprint pages for the Train Schedules and Authorised Working of Freight Trains sections of the Master Train Plan will have effect.

A summary list of Train Schedule alterations follows. Access to altered Train Schedules will be available in the O.C.S./R.O.S.C.O. System approximately two weeks prior to Sunday 2nd February, 1992.

TEMPORARY 'S' CIRCULARS

The following temporary Passenger and Freight 'S' Circulars are cancelled and their contents are now included in the attached reprint pages.

S.91/4022 Altered stopping conditions No.8074 Sunbury - Spencer Street (Mon-Fri) from 05/08/91.

S.91/4023 Altered stopping conditions No.8332, 8334 Albury - Spencer Street (Mon-Sat) from 06/08/91.

S.91/4024 Cancellation of Nos.0103 and 0106 Light Locos between South Dynon Loco Depot and Bacchus Marsh (Mon-Fri) T.R. Time for No.8127 Mon-Fri altered from 07/08/91.

S.91/4025 Suspension of "Intercapital Daylight" Services and schedule alteration to "The Overland" (Mon-Sat) from 02/09/91.

S.91/4026 Recast of Standard Gauge Passenger and Freight Services from 29/09/91.

S.91/4027 Realignment of M.T.P. schedule of No.8043 Pass (Mon-Fri).

S.91/4028 Altered schedules Nos.9127/9128 Block Grain Trains account decommissioning of Gorae Loop, Willaura Loop, Dunkeld and Myamyn Loop from 23/09/91.

S 4029 Altered schedules Dynon - Adelaide Corridor from 06/10/91 account A.N./Westrail Marketing initiatives.

S.91/4030 Amendments to S.91/4026 (Standard Gauge Passenger/Freight Services) from 20/10/91.

S.91/4031 Passenger/Freight alterations Spencer Street - Ballarat - Mildura from 03/11/91.

S.91/4032 Altered schedule No.9230 Goods, Traralgon - North Geelong (MThO) from 28/10/91.

S.91/4034 Amendments to S.91/4026 (Standard Gauge Passenger/Freight Services) from 02/11/91.

S.91/4035 Altered Empty Car Working Bacchus Marsh - Spencer Street from 31/10/91.

(continued on page 2)

SUMMARY OF TRAIN SCHEDULE ALTERATIONS

The following is a summary list of Train Schedule alterations incorporated in the Train Schedule reprint pages.

TRAIN NO.	TIME	DAYS	FROM	TO	ALTERATION
SOUTHERN REGION (MELBOURNE - WARRNAMBOOL)					
9247	01 55	FRIDAY ONLY	NORTH GEELONG YARD	WAURN PONDS	SCHEDULE TO BE CANCELLED ACCOUNT NOT REQUIRED DUE TO FREIGHT BUSINESS MARKETING REQUIREMENTS.
0255	02 10	WEDNESDAY & FRIDAY ONLY	CORIO (SHELL)	GEELONG LOCO DEPOT	SCHEDULE ALTERED TO DEPART CORIO (SHELL) AT 01 45 ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
9252	03 10	TUESDAY TO FRIDAY	SHEPPARTON/COBRAM	NORTH GEELONG YARD	SCHEDULE TO BE CANCELLED ACCOUNT NOT REQUIRED DUE TO FREIGHT BUSINESS MARKETING REQUIREMENTS.
9273	03 30	MON. TO FRI.	ARDEN STREET	FYANSFORD	DAYS OF OPERATION TO BE TUESDAY TO FRIDAY ACCOUNT FREIGHT BUSINESS MARKETING
0203	07 50		FYANSFORD	GEELONG LOCO DEPOT	REQUIREMENTS.
9243	10 10	MONDAY ONLY	ARDEN STREET	FYANSFORD	REQUIRE ADDITIONAL SCHEDULE ACCOUNT FREIGHT
0243	14 25		FYANSFORD	GEELONG LOCO DEPOT	FREIGHT BUSINESS MARKETING REQUIREMENTS.
8219	08 00	MON. TO FRI.	SPENCER STREET	SOUTH GEELONG	THESE TRAINS WILL NOW STOP ADDITIONALLY
8225	08 55	MON. TO FRI.	SPENCER STREET	SOUTH GEELONG	AT FOOTSCRAY TO PICK UP ONLY BUT WILL BE
8227	10 00	MON. TO FRI.	SPENCER STREET	GEELONG	NON STOP AT NEWPORT. PASSENGER OPERATIONS
8229	11 00	MON. TO FRI.	SPENCER STREET	GEELONG	PLANNING REQUEST.
8231	12 00	MON. TO FRI.	SPENCER STREET	GEELONG	
8237	13 00	MON. TO FRI.	SPENCER STREET	GEELONG	
8239	14 00	MON. TO FRI.	SPENCER STREET	SOUTH GEELONG	
8241	14 40	MON. TO FRI.	SPENCER STREET	SOUTH GEELONG	
8261	17 15	MON. TO FRI.	SPENCER STREET	SOUTH GEELONG	
8263	17 40	MON. TO FRI.	SPENCER STREET	SOUTH GEELONG	
8271	18 18	MON. TO FRI.	SPENCER STREET	SOUTH GEELONG	
8275	19 30	MON. TO THURSDAY	SPENCER STREET	GEELONG	
8279	20 30	MON. TO FRI.	SPENCER STREET	GEELONG	
8281	21 30	MON. TO FRI.	SPENCER STREET	GEELONG	
8287	22 30	MON. TO FRI.	SPENCER STREET	GEELONG	
8289	23 30	MON. TO FRI.	SPENCER STREET	GEELONG	
8273	19 30	FRIDAY ONLY	SPENCER STREET	SOUTH GEELONG	TRAIN IDENTIFICATION NUMBER WILL NOW BE NO.8275. ALSO THIS TRAIN WILL NOW STOP ADDITIONALLY AT FOOTSCRAY TO PICK UP ONLY BUT WILL BE NON STOP AT NEWPORT. PASSENGER OPERATIONS PLANNING REQUEST.
9251	13 05	TUESDAY TO FRIDAY	TOTTENHAM YARD	CORIO SHELL/ GEELONG LOCO DEPOT	REQUIRE ADDITIONAL SCHEDULE ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
9249	20 35	MON. TO FRI.	MELBOURNE YARD	NORTH GEELONG YARD	REQUIRE ALTERED ROUTING BETWEEN NEWPORT AND WERRIBEE ON TuThFO ACCOUNT ALTERED VINELANDER SERVICE.

SUMMARY OF TRAIN SCHEDULE ALTERATIONS

The following is a summary list of Train Schedule alterations incorporated in the Train Schedule reprint pages.

TRAIN NO.	TIME	DAYS	FROM	TO	ALTERATION
SOUTHERN REGION (MELBOURNE - WARRNAMBOOL)					
8213	07 00	SATURDAY	SPENCER STREET	GEELONG	THESE TRAINS WILL NOW STOP ADDITIONALLY AT FOOTSCRAY TO PICK UP ONLY, BUT WILL BE NON STOP AT NEWPORT. PASSENGER OPERATIONS PLANNING REQUEST.
8223	09 00	SATURDAY	SPENCER STREET	GEELONG	
8227	10 00	SATURDAY	SPENCER STREET	GEELONG	
8229	11 00	SATURDAY	SPENCER STREET	GEELONG	
8231	12 00	SATURDAY	SPENCER STREET	GEELONG	
8233	13 00	SATURDAY	SPENCER STREET	GEELONG	
8237	14 00	SATURDAY	SPENCER STREET	GEELONG	
8243	15 00	SATURDAY	SPENCER STREET	GEELONG	
8247	16 00	SATURDAY	SPENCER STREET	GEELONG	
8255	17 00	SATURDAY	SPENCER STREET	GEELONG	
8261	18 00	SATURDAY	SPENCER STREET	GEELONG	
8.	19 00	SATURDAY	SPENCER STREET	GEELONG	
8.	21 30	SATURDAY	SPENCER STREET	GEELONG	
8289	23 30	SATURDAY	SPENCER STREET	GEELONG	
8219	08 00	SATURDAY	SPENCER STREET	GEELONG	SCHEDULE IS ALTERED TO STOP ADDITIONALLY AT FOOTSCRAY AND WERRIBEE TO PICK UP ONLY, BUT WILL BE NON STOP AT NEWPORT. PASSENGER OPERATIONS PLANNING REQUEST.
9243	08 50	SATURDAY	TOTTENHAM YARD	NORTH SHORE/ GEELONG LOCO DEPOT	SCHEDULE TO BE NON STOP AT NORTH SHORE AND TERMINATE AT NORTH GEELONG YARD.
8227	09 35	SUNDAY	SPENCER STREET	GEELONG	THESE TRAINS WILL NOW STOP ADDITIONALLY AT FOOTSCRAY TO PICK UP ONLY BUT WILL BE NON STOP AT NEWPORT. PASSENGER OPERATIONS PLANNING REQUEST.
8231	11 35	SUNDAY	SPENCER STREET	GEELONG	
8237	14 10	SUNDAY	SPENCER STREET	GEELONG	
8247	16 05	SUNDAY	SPENCER STREET	GEELONG	
8261	17 35	SUNDAY	SPENCER STREET	GEELONG	
8277	20 50	SUNDAY	SPENCER STREET	GEELONG	
8	21 30	SUNDAY	SPENCER STREET	GEELONG	
8	22 45	SUNDAY	SPENCER STREET	GEELONG	
9348	02 40	WEDNESDAY ONLY	NORTH GEELONG YARD	SOMERTON	SCHEDULE CANCELLED ACCOUNT NOT REQUIRED BY FREIGHT BUSINESS MARKETING REQUIREMENTS.
9348	03 15	FRIDAY ONLY	WAURN PONDS	SOMERTON	SCHEDULED CANCELLED ACCOUNT NOT REQUIRED BY FREIGHT BUSINESS MARKETING REQUIREMENTS.
0232	03 30	TUESDAY ONLY	WAURN PONDS	GEELONG LOCO DEPOT	SCHEDULE CANCELLED ACCOUNT NOT REQUIRED BY FREIGHT BUSINESS MARKETING REQUIREMENTS.
0272	17 00	MON. TO FRI.	GEELONG LOCO DEPOT	FYANSFORD	SCHEDULE ALTERED TO DEPART GEELONG LOCO DEPART AT 15 15 AND OPERATE EARLIER TO FYANSFORD.

SUMMARY OF TRAIN SCHEDULE ALTERATIONS

The following is a summary list of Train Schedule alterations incorporated in the Train Schedule reprint pages.

TRAIN NO.	TIME	DAYS	FROM	TO	ALTERATION
SOUTHERN REGION (MELBOURNE - WARRNAMBOOL)					
8224	07 20	MON. TO FRI.	SOUTH GEELONG	SPENCER STREET	THESE TRAINS WILL NOW BE NON STOP AT NEWPORT BUT STOP ADDITIONALLY AT FOOTSCRAY TO SET DOWN ONLY. PASSENGER OPERATIONS PLANNING REQUEST.
8226	07 45	MON. TO FRI.	SOUTH GEELONG	SPENCER STREET	
8230	08 25	MON. TO FRI.	SOUTH GEELONG	SPENCER STREET	
8240	10 30	MON. TO FRI.	SOUTH GEELONG	SPENCER STREET	
8242	11 30	MON. TO FRI.	GEELONG	SPENCER STREET	
8244	12 30	MON. TO FRI.	GEELONG	SPENCER STREET	
8246	13 30	MON. TO FRI.	GEELONG	SPENCER STREET	
8248	14 30	MON. TO FRI.	GEELONG	SPENCER STREET	
8258	15 35	MON. TO FRI.	SOUTH GEELONG	SPENCER STREET	
8260	16 10	MON. TO FRI.	SOUTH GEELONG	SPENCER STREET	
8268	17 32	MON. TO FRI.	SOUTH GEELONG	SPENCER STREET	
8276	18 25	MON. TO FRI.	SOUTH GEELONG	SPENCER STREET	
8282	19 45	MON. TO FRI.	GEELONG	SPENCER STREET	
8290	21 10	MONDAY TO THURSDAY	GEELONG	SPENCER STREET	
8238	09 35	MON. TO FRI.	SOUTH GEELONG	SPENCER STREET	SCHEDULE ALTERED TO DEPART SOUTH GEELONG AT 09 30 AND WILL NOW BE NON STOP AT NEWPORT BUT STOP ADDITIONALLY AT FOOTSCRAY TO SET DOWN ONLY. PASSENGER OPERATIONS PLANNING REQUEST.
8264	16 50	MON. TO FRI.	SOUTH GEELONG	SPENCER STREET	TRAIN IS TO NOW STOP AT NORTH SHORE ACCOUNT PASSENGER OPERATIONS PLANNING REQUEST.
9296	17 30	TUESDAY & THURSDAY ONLY	WAURN PONDS	NORTH GEELONG YARD	DAYS OF OPERATION TO BE MONDAY, TUESDAY, THURSDAY AND FRIDAY ONLY ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
9490	17 30	MONDAY, WEDNESDAY AND FRIDAY	WAURN PONDS	LYNDHURST	DAYS OF OPERATION TO BE WEDNESDAY ONLY ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
8286	17 35	MON. TO FRI.	WARRNAMBOOL	SPENCER STREET	THIS TRAIN IS TO NOW STOP AT WERRIBEE TO SET DOWN ONLY. PASSENGER OPERATIONS PLANNING REQUEST.
9254	20 30	TUESDAY TO FRIDAY ONLY	GEELONG LOCO DEPOT/ CORIO	TOTTENHAM YARD	REQUIRE ADDITIONAL SCHEDULE ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
8208	21 05	FRIDAY ONLY	SOUTH GEELONG	SPENCER STREET	TRAIN IDENTIFICATION NUMBER WILL NOW BE 8290. ALSO THIS TRAIN WILL NOW BE NON STOP AT NEWPORT BUT STOP ADDITIONALLY AT FOOTSCRAY TO SET DOWN ONLY.
0268	23 00	MONDAY, WEDNESDAY AND FRIDAY ONLY	WAURN PONDS	GEELONG LOCO DEPOT	DAYS OF OPERATION TO BE FRIDAY ONLY AND TRAIN IDENTIFICATION NUMBER TO BE 0248 ACCOUNT FREIGHT BUSINESS MARKETING REQUEST.

SUMMARY OF TRAIN SCHEDULE ALTERATIONS

The following is a summary list of Train Schedule alterations incorporated in the Train Schedule reprint pages.

TRAIN NO.	TIME	DAYS	FROM	TO	ALTERATION
SOUTHERN REGION (MELBOURNE - WARRNAMBOOL)					
0232	02 15	SATURDAY	WAURN PONDS	GEELONG LOCO DEPOT	SCHEDULE CANCELLED ACCOUNT NOT REQUIRED BY FREIGHT BUSINESS MARKETING REQUIREMENTS.
8202	05 30	SATURDAY	GEELONG	SPENCER STREET	THESE TRAINS WILL NOW BE NON STOP AT NEWPORT BUT STOP ADDITIONALLY AT FOOTSCRAY TO SET DOWN ONLY. PASSENGER OPERATIONS PLANNING REQUEST.
8210	06 30	SATURDAY	GEELONG	SPENCER STREET	
8224	07 30	SATURDAY	GEELONG	SPENCER STREET	
8238	09 30	SATURDAY	GEELONG	SPENCER STREET	
8240	10 30	SATURDAY	GEELONG	SPENCER STREET	
8242	11 30	SATURDAY	GEELONG	SPENCER STREET	
8244	12 30	SATURDAY	GEELONG	SPENCER STREET	
8[illegible]	13 30	SATURDAY	GEELONG	SPENCER STREET	
8[illegible]	14 30	SATURDAY	GEELONG	SPENCER STREET	
8[illegible]	15 30	SATURDAY	GEELONG	SPENCER STREET	
8260	16 30	SATURDAY	GEELONG	SPENCER STREET	
8268	17 30	SATURDAY	GEELONG	SPENCER STREET	
8274	18 30	SATURDAY	GEELONG	SPENCER STREET	
8282	20 30	SATURDAY	GEELONG	SPENCER STREET	
8230	08 30	SATURDAY	GEELONG	SPENCER STREET	SCHEDULE ALTERED TO DEPART GEELONG AT 08 35 AND WILL NOW BE NON STOP AT NEWPORT BUT STOP ADDITIONALLY AT FOOTSCRAY TO SET DOWN ONLY.
8226	08 00	SUNDAY	GEELONG	SPENCER STREET	THESE TRAINS WILL NOW BE NON STOP AT NEWPORT BUT STOP ADDITIONALLY AT FOOTSCRAY TO SET DOWN ONLY. PASSENGER OPERATIONS PLANNING REQUEST.
8238	10 00	SUNDAY	GEELONG	SPENCER STREET	
8242	12 00	SUNDAY	GEELONG	SPENCER STREET	
8246	14 00	SUNDAY	GEELONG	SPENCER STREET	
8250	16 00	SUNDAY	GEELONG	SPENCER STREET	
8284	20 20	SUNDAY	GEELONG	SPENCER STREET	
8	19 40	SUNDAY	GEELONG	SPENCER STREET	SCHEDULE CANCELLED ACCOUNT NOT REQUIRED BY PASSENGER OPERATIONS PLANNING.
8264	17 30	SUNDAY	GEELONG	SPENCER STREET	SCHEDULE ALTERED TO STOP ADDITIONALLY AT NORTH GEELONG AND FOOTSCRAY BUT BE NON STOP AT NEWPORT ACCOUNT PASSENGER OPERATIONS PLANNING REQUEST.
8280	17 05	SUNDAY	WARRNAMBOOL	SPENCER STREET	SCHEDULE ALTERED TO STOP ADDITIONALLY AT WERRIBEE ACCOUNT PASSENGER OPERATIONS PLANNING REQUEST.

SUMMARY OF TRAIN SCHEDULE ALTERATIONS

The following is a summary list of Train Schedule alterations incorporated in the Train Schedule reprint pages.

TRAIN NO.	TIME	DAYS	FROM	TO	ALTERATION
WESTERN REGION (MELBOURNE - ADELAIDE)					
8151	03 40	MONDAY ONLY	SPENCER STREET	BACCHUS MARSH	EMPTY CARS TO OPERATE ON AN 'IF REQUIRED' BASIS ACCOUNT PASSENGER OPERATIONS PLANNING REQUEST.
0103	03 30	TUESDAY TO FRIDAY ONLY	SOUTH DYNON LOCO	BACCHUS MARSH	SCHEDULE CANCELLED ACCOUNT PASSENGER OPERATIONS PLANNING REQUEST.
8111	10 05	MON. TO FRI.	SPENCER STREET	BACCHUS MARSH	TRAIN CONSIST TO BE D.R.C. INSTEAD OF PASS. ACCOUNT PASSENGER OPERATIONS PLANNING REQUEST.
9153	11 30	WEDNESDAY & FRIDAY ONLY	CORIO	DIMBOOLA	SCHEDULE ALTERED TO OPERATE EARLIER EN ROUTE ACCOUNT MOVEMENTS PLANNING REQUEST.
9169	09 30	MON. TO FRI.	DYNON	ADELAIDE	SCHEDULE ALTERED TO OPERATE EARLIER EN ROUTE ACCOUNT MOVEMENTS PLANNING REQUEST.
8127	17 00	MON. TO FRI.	SPENCER STREET	BACCHUS MARSH	T.R. TIME TO BE 13 00 ACCOUNT LOCO ROSTERS REQUEST.
8145	17 47	MON. TO FRI.	SPENCER STREET	BACCHUS MARSH	SCHEDULE ALTERED TO STOP ADDITIONALLY AT FOOTSCRAY TO PICK UP ONLY ACCOUNT PASSENGER OPERATIONS PLANNING REQUEST.
9145	18 45	MON.TO FRI.	DYNON	ADELAIDE	T.R. TIME TO BE 17 30 ACCOUNT LOCO ROSTERS REQUEST.
9129	18 55	MON.TO FRI.	PORTLAND	DIMBOOLA	SCHEDULE ALTERED TO TERMINATE AT MURTOA. OPERATES BEYOND MURTOA AS ARRANGED BY THE PROGRAMME OFFICER, GRAIN.
9147	19 20	MON.TO FRI.	DYNON	ADELAIDE	T.R. TIME TO BE 17 30 ACCOUNT LOCO ROSTERS REQUEST.
9149	20 15	FRIDAY ONLY	DYNON	ADELAIDE	SCHEDULE ALTERED SECTIONALLY BETWEEN ARARAT AND WOLSELEY.
9127	23 20	MON.TO FRI.	PORTLAND	MURTOA	SCHEDULE ALTERED TO DEPART PORTLAND AT 22 30 ACCOUNT ALTERED SAFEWORKING CONDITIONS PORTLAND LINE.
8113	12 30	SATURDAY	SPENCER STREET	BACCHUS MARSH	T.R. TIME TO BE 10 00 ACCOUNT LOCO ROSTERS REQUEST.
9169	09 30	SATURDAY	DYNON	ADELAIDE	SCHEDULE ALTERED TO OPERATE EARLIER EN ROUTE ACCOUNT FREIGHT PLANNING REQUST.
9145	15 50	SATURDAY	DYNON	ADELAIDE	T.R. TIME TO BE 14 35 ACCOUNT LOCO ROSTERS REQUEST.

SUMMARY OF TRAIN SCHEDULE ALTERATIONS

The following is a summary list of Train Schedule alterations incorporated in the Train Schedule reprint pages.

TRAIN NO.	TIME	DAYS	FROM	TO	ALTERATION
WESTERN REGION (MELBOURNE - ADELAIDE)					
8135	18 15	SATURDAY	SPENCER STREET	BALLARAT	TRAIN IDENTIFICATION NUMBER IS TO BE 8139 ACCOUNT PASSENGER OPERATIONS PLANNING REQUEST.
9149	18 00	SATURDAY	DYNON	ADELAIDE	SCHEDULE ALTERED TO DEPART DYNON AT 17 30 AND OPERATE EARLIER TO ADELAIDE ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
8115	13 15	SUNDAY	SPENCER STREET	BALLARAT	SCHEDULE ALTERED TO DEPART SPENCER STREET AT 13 10 ACCOUNT PASSENGER OPERATIONS PLANNING REQUEST.
81	16 20	SUNDAY	SPENCER STREET	BALLARAT	SCHEDULE ALTERED TO DEPART SPENCER STREET AT 16 50 ACCOUNT PASSENGER OPERATIONS PLANNING REQUEST.
9146	16 45	SUNDAY	ADELAIDE	DYNON	SCHEDULE CANCELLED ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
8104	07 42	MON.TO FRI.	BACCHUS MARSH	SPENCER STREET	SCHEDULE ALTERED TO STOP ADDITIONALLY AT FOOTSCRAY TO SET DOWN ONLY. PASSENGER OPERATIONS PLANNING REQUEST.
8132	11 30	MON.TO FRI.	BACCHUS MARSH	SPENCER STREET	TRAIN CONSIST TO BE D.R.C. INSTEAD OF PASS. ACCOUNT PASSENGER OPERATIONS PLANNING REQUEST.
9148	18 15	SATURDAY	ADELAIDE	DYNON	NEW SCHEDULE REQUIRED ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
91	19 45	SUNDAY	ADELAIDE	DYNON	NEW SCHEDULE REQUIRED ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
8140	14 45	MON.TO FRI.	BALLARAT	SPENCER STREET	SCHEDULE ALTERED TO DEPART BALLARAT AT 14 40 ACCOUNT PASSENGER OPERATIONS PLANNING REQUEST.
9154	15 05	TUESDAY & THURSDAY ONLY	DIMBOOLA	CORIO	SCHEDULE ALTERED TO DEPART DIMBOOLA AT 14 00 AND OPERATE EARLIER TO CORIO ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS. REQUIREMENTS.
9128	18 30	MON.TO FRI.	MURTOA	PORTLAND	SCHEDULE ALTERED TO DEPART MURTOA AT 18 40 ON ALL DAYS.
0106	23 00	MONDAY TO THURSDAY ONLY	BACCHUS MARSH	SOUTH DYNON LOCO	SCHEDULE CANCELLED ACCOUNT NOT REQUIRED BY PASSENGER OPERATIONS PLANNING.
9192	17 30	MON. TO FRI.	MOUNT GAMBIER	MELBOURNE YARD	SCHEDULE ALTERED ON FRIDAY ONLY TO DEPART NORTH GEELONG 'C' BOX AT 04 30 (SAT) AND OPERATE EARLIER TO MELBOURNE YARD. FREIGHT BUSINESS MARKETING REQUIREMENTS.

SUMMARY OF TRAIN SCHEDULE ALTERATIONS

The following is a summary list of Train Schedule alterations incorporated in the Train Schedule reprint pages.

TRAIN NO.	TIME	DAYS	FROM	TO	ALTERATION
WESTERN REGION (MELBOURNE - ADELAIDE)					
9130	22 00	MON.TO FRI.	DIMBOOLA	PORTLAND	SCHEDULE ALTERED TO ORIGINATE AT MURTOA AT 23 10 ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS. OPERATES BEYOND MURTOA AS ARRANGED BY THE PROGRAMME OFFICER, GRAIN.
9170	12 20	MON.TO FRI.	ADELAIDE	MELBOURNE YARD	SCHEDULE ALTERED SECTIONALLY BETWEEN WOLSELEY AND HORSHAM ACCOUNT SCHEDULE OF 9169 BEING ALTERED.
9170	12 20	SUNDAY	ADELAIDE	MELBOURNE YARD	SCHEDULE ALTERED TO DEPART ADELAIDE AT 15 45 AND OPERATE LATER TO MELBOURNE YARD.
9146	16 40	FRIDAY	ADELAIDE	DYNON	SCHEDULE CANCELLED ACCOUNT NOT REQUIRED BY FREIGHT BUSINESS MARKETING.
8120	18 30	DAILY	ADELAIDE	SPENCER STREET	SCHEDULE ALTERED TO BE NON STOP AT SUNSHINE ACCOUNT INTERCAPITAL DAYLIGHT BEING SUSPENDED.
8140	16 45	SUNDAY	BALLARAT	SPENCER STREET	SCHEDULE ALTERED TO DEPART BALLARAT AT 16 40 ACCOUNT PASSENGER OPERATIONS PLANNING REQUEST.
8126	14 30	SUNDAY	BALLARAT	SPENCER STREET	ADDITIONAL SCHEDULE REQUIRED ACCOUNT PASSENGER OPERATIONS PLANNING REQUEST.
WESTERN REGION (NORTH GEELONG YARD - MILDURA)					
9137	02 20	MONDAY, WEDNESDAY & FRIDAY ONLY	NORTH GEELONG YARD	COWANGIE	SCHEDULE ALTERED TO DEPART NORTH GEELONG YARD AT 13 10 AND OPERATE LATER TO BALLARAT.
9173	02 30	TUESDAY & THURSDAY ONLY	NORTH GEELONG YARD	BALLARAT	SCHEDULE ALTERED TO DEPART NORTH GEELONG YARD AT 03 45 AND OPERATE LATER TO BALLARAT.
9135	10 40	TUESDAY TO FRIDAY ONLY	NORTH GEELONG YARD	GHERINGHAP	ADDITIONAL SCHEDULE REQUIRED ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
9121	14 30	MON. TO FRI.	NORTH GEELONG 'C' BOX	MARYBOROUGH	SCHEDULE ALTERED TO DEPART NORTH GEELONG 'C' BOX AT 14 45.
9123	17 00	MON. TO FRI.	NORTH GEELONG 'C' BOX	MARYBOROUGH	SCHEDULE ALTERED TO DEPART NORTH GEELONG 'C' BOX AT 17 15.
9141	18 25	MONDAY & WEDNESDAY ONLY	MELBOURNE YARD	MILDURA	SCHEDULE ALTERED SECTIONALLY BETWEEN MARYBOROUGH AND MILDURA ACCOUNT LATER RUNNING OF NO.9140.
8143	21 45	TUESDAY, THURSDAY, FRIDAY & SUNDAY ONLY	SPENCER STREET	MILDURA	SCHEDULE ALTERED TO DEPART SPENCER STREET AT 21 55 AND OPERATE 10 MINUTES LATER TO MILDURA ACCOUNT PASSENGER OPERATIONS PLANNING REQUEST.

SUMMARY OF TRAIN SCHEDULE ALTERATIONS

The following is a summary list of Train Schedule alterations incorporated in the Train Schedule reprint pages.

TRAIN NO.	TIME	DAYS	FROM	TO	ALTERATION
WESTERN REGION (NORTH GEELONG YARD - MILDURA)					
9125	23 00	MON.TO FRI.	NORTH GEELONG 'C' BOX	MARYBOROUGH	SCHEDULE ALTERED TO DEPART NORTH GEELONG 'C' BOX AT 23 15.
8110	21 00	MONDAY, WEDNESDAY FRIDAY AND SUNDAY ONLY	MILDURA	SPENCER STREET	SCHEDULE ALTERED TO DEPART MILDURA AT 21 10 AND OPERATE LATER TO BALLARAT ACCOUNT PASSENGER OPERATIONS PLANNING REQUEST.
9136	11 40	TUESDAY TO FRIDAY ONLY	GHERINGHAP	NORTH GEELONG YARD	ADDITIONAL SCHEDULE REQUIRED ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
6	18 45	FRIDAY ONLY	BALLARAT	SPENCER STREET	TRAIN IS TO NOW STOP AT FOOTSCRAY TO SET DOWN ONLY. PASSENGER OPERATIONS PLANNING REQUEST.
9138	20 15	MONDAY AND WEDNESDAY ONLY	COWANGIE	NORTH GEELONG YARD	SCHEDULE ALTERED SECTIONALLY ACCOUNT NO SHUNT REQUIRED AT GHERINGHAP.
9174	21 05	MONDAY, TUESDAY & THURSDAY ONLY	BALLARAT	MELBOURNE YARD	SCHEDULE ALTERED TO DEPART BALLARAT AT 20 15 MONDAY ONLY AND 20 35 TUESDAY AND AND THURSDAY ACCOUNT TRAIN CREW ROSTER REQUIREMENTS.
9142	15 45	MONDAY TO THURSDAY ONLY	MILDURA	MELBOURNE YARD	SCHEDULE ALTERED TO DEPART MILDURA AT 16 00 ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
[illegible]	22 35	TUESDAY & THURSDAY ONLY	MARYBOROUGH	NORTH GEELONG 'C' BOX	SCHEDULE ALTERED TO DEPART MARYBOROUGH AT 22 45 AND OPERATE 10 MINUTES LATER TO NORTH GEELONG 'C' BOX.
9126	22 05	FRIDAY ONLY	MARYBOROUGH	NORTH GEELONG 'C' BOX	SCHEDULE ALTERED SECTIONALLY ACCOUNT ALTERED SCHEDULE FOR NO.8143.
9140	17 25	MONDAY & WEDNESDAY ONLY	MILDURA	CORIO (SHELL)	SCHEDULE ALTERED TO DEPART MILDURA AT 17 35 ACCOUNT LATER DEPARTURE OF NO.9142.
9142	16 00	SUNDAY ONLY	MILDURA	MELBOURNE	SCHEDULE ALTERED TO DEPART MILDURA AT 15 30 AND OPERATE EARLIER TO MELBOURNE YARD ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
9152	09 00	WEDNESDAY ONLY	MILDURA	MELBOURNE YARD	SCHEDULE ALTERED TO DEPART NORTH GEELONG 'C' BOX AT 23 40 ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.

SUMMARY OF TRAIN SCHEDULE ALTERATIONS

The following is a summary list of Train Schedule alterations incorporated in the Train Schedule reprint pages.

TRAIN NO.	TIME	DAYS	FROM	TO	ALTERATION
NORTHERN REGION (MELBOURNE - BENDIGO AND BRANCHES NORTH OF BENDIGO)					
8005	06 31	MON. - FRI.	SPENCER STREET	SUNBURY	TRAIN WILL NOW BE NON STOP AT SUNSHINE BUT STOP ADDITIONALLY AT FOOTSCRAY AND ST.ALBANS TO PICK UP ONLY. PASSENGER OPERATIONS PLANNING REQUEST.
8009	07 07	MON. - FRI.	SPENCER STREET	SUNBURY	NEW EMPTY D.R.C. SCHEDULE REQUIRED ACCOUNT PASSENGER OPERATIONS PLANNING REQUEST.
8007	07 28	MON. - FRI.	SPENCER STREET	SUNBURY	TRAIN WILL OPERATE AS A 'PASS' INSTEAD OF D.R.C. & TRAILER ACCOUNT PASSENGER OPERATIONS PLANNING REQUEST.
8013	08 35	MON. - FRI.	SPENCER STREET	BENDIGO	TRAIN WILL NOW BE NON STOP AT SUNSHINE BUT STOP ADDITIONALLY AT ST.ALBANS TO PICK UP ONLY. PASSENGER OPERATIONS PLANNING REQUEST.
8025	12 10	MON. - FRI.	SPENCER STREET	BENDIGO	TRAIN WILL NOW BE NON STOP AT SUNSHINE BUT STOP ADDITIONALLY AT ST.ALBANS TO PICK UP ONLY. PASSENGER OPERATIONS PLANNING REQUEST.
8021	12 45	MON. - FRI.	SPENCER STREET	KYNETON	TRAIN WILL NOW BE NON STOP AT SUNSHINE BUT STOP ADDITIONALLY AT ST.ALBANS TO PICK UP ONLY. PASSENGER OPERATIONS PLANNING REQUEST.
9055	13 55	TUESDAY & FRIDAY ONLY	TOTTENHAM YARD	NORTH BENDIGO WORKSHOPS	SCHEDULE ALTERED TO DEPART TOTTENHAM YARD AT 10 00 ACCOUNT TRAIN CREW ROSTERS REQUEST
8063	18 30	FRIDAY ONLY	SPENCER STREET	KYNETON	THESE TRAINS WILL NOW BE NON STOP AT SUNSHINE BUT STOP ADDITIONALLY AT ST.ALBANS TO PICK UP ONLY. PASSENGER OPERATIONS PLANNING REQUEST.
8065	18 30	MONDAY TO THURSDAY	SPENCER STREET	BENDIGO	
8067	18 45	FRIDAY ONLY	SPENCER STREET	BENDIGO	
8071	20 15	FRIDAY ONLY	SPENCER STREET	BENDIGO	
8069	19 17	MON. - FRI.	SPENCER STREET	SUNBURY	SCHEDULE TO DEPART SPENCER STREET AT 19 20. OPERATE AS D.R.C. ON MONDAY TO THURSDAY, AND AS A PASS. ON FRIDAY ONLY. PASSENGER OPERATIONS PLANNING REQUEST.
8011	07 45	SATURDAY	SPENCER STREET	KYNETON	SCHEDULE ALTERED TO DEPART SPENCER STREET AT 07 50 AND BE NON STOP AT SUNSHINE BUT STOP ADDITIONALLY AT ST.ALBANS TO PICK UP ONLY. PASSENGER OPERATIONS PLANNING REQUEST.

SUMMARY OF TRAIN SCHEDULE ALTERATIONS

The following is a summary list of Train Schedule alterations incorporated in the Train Schedule reprint pages.

TRAIN NO.	TIME	DAYS	FROM	TO	ALTERATION
NORTHERN REGION (MELBOURNE - BENDIGO AND BRANCHES NORTH OF BENDIGO)					
8013	08 35	SATURDAY	SPENCER STREET	BENDIGO	SCHEDULE ALTERED TO STOP ADDITIONALLY AT ST.ALBANS TO PICK UP ONLY. PASSENGER OPERATIONS PLANNING REQUEST.
8025	12 10	SATURDAY	SPENCER STREET	BENDIGO	THESE TRAINS WILL NOW BE NON STOP AT AT SUNSHINE BUT STOP ADDITIONALLY AT ST.ALBANS TO PICK UP ONLY. PASSENGER OPERATIONS PLANNING REQUEST.
8021	12 45	SATURDAY	SPENCER STREET	KYNETON	
8065	18 30	SATURDAY	SPENCER STREET	BENDIGO	
80[illegible]	09 50	SUNDAY	SPENCER STREET	BENDIGO	
8[illegible]	17 05	SUNDAY	SPENCER STREET	SWAN HILL	
8089	19 40	SUNDAY	SPENCER STREET	BENDIGO	
8008	05 45	MON. - FRI.	KYNETON	SPENCER STREET	THESE TRAINS WILL NOW STOP ADDITIONALLY AT ST.ALBANS TO SET DOWN ONLY AND BE NON STOP AT SUNSHINE. PASSENGER OPERATIONS PLANNING REQUEST.
8016	05 40	MONDAY ONLY	BENDIGO	SPENCER STREET	
8018	06 40	TUESDAY TO FRIDAY	KYNETON	SPENCER STREET	
8026	06 40	MON. - FRI.	BENDIGO	SPENCER STREET	
8024	08 07	MON. - FRI.	SUNBURY	SPENCER STREET	NEW SCHEDULE REQUIRED ACCOUNT PASSENGER OPERATIONS PLANNING REQUEST.
9056	07 20	TUESDAY & FRIDAY ONLY	NORTH BENDIGO WORKSHOPS	TOTTENHAM YARD	SCHEDULE ALTERED TO DEPART NORTH BENDIGO WORKSHOPS AT 14 10 ACCOUNT TRAIN CREW ROSTERS REQUEST.
8040	10 20	MON. - FRI.	KYNETON	SPENCER STREET	THESE TRAINS WILL NOW STOP ADDITIONALLY AT ST.ALBANS TO SET DOWN ONLY AND BE NON STOP AT SUNSHINE. PASSENGER OPERATIONS PLANNING REQUEST.
8046	11 20	MON. - FRI.	BENDIGO	SPENCER STREET	
8052	15 30	MON. - FRI.	BENDIGO	SPENCER STREET	
8056	17 30	MON. - FRI.	SUNBURY	SPENCER STREET	
8074	22 25	MON. - FRI.	SUNBURY	SPENCER STREET	
8058	16 43	MON. - FRI.	SUNBURY	SPENCER STREET	SCHEDULE ALTERED TO DEPART SUNBURY AT 16 42 AND STOP ADDITIONALLY AT ST.ALBANS TO SET DOWN ONLY. PASSENGER OPERATIONS PLANNING REQUEST.

SUMMARY OF TRAIN SCHEDULE ALTERATIONS

The following is a summary list of Train Schedule alterations incorporated in the Train Schedule reprint pages.

TRAIN NO.	TIME	DAYS	FROM	TO	ALTERATION
NORTHERN REGION (MELBOURNE - BENDIGO AND BRANCHES NORTH OF BENDIGO)					
8064	18 22	MON. - FRI.	SUNBURY	SPENCER STREET	SCHEDULE ALTERED TO DEPART SUNBURY AT 18 21 AND STOP ADDITIONALLY AT ST.ALBANS TO SET DOWN ONLY. SERVICE WILL OPERATE AS PUSH/PULL ON MONDAY TO THURSDAY ONLY PASSENGER OPERATIONS PLANNING REQUEST.
8062	18 30	MON. - FRI.	BENDIGO	SPENCER STREET	SCHEDULE ALTERED TO BE NON STOP AT SUNSHINE. PASSENGER OPERATIONS PLANNING REQUEST.
8070	20 35	MON. - FRI.	SUNBURY	SPENCER STREET	SCHEDULE ALTERED TO STOP ADDITIONALLY AT ST.ALBANS TO SET DOWN ONLY. TRAIN ALTERED TO BE D.R.C. MONDAY TO THURSDAY, AND PASS ON FRIDAY ONLY. PASSENGER OPERATIONS PLANNING REQUEST.
8018	06 40	SATURDAY	KYNETON	SPENCER STREET	THESE TRAINS WILL NOW STOP ADDITIONALLY AT ST.ALBANS TO SET DOWN ONLY AND BE NON STOP AT SUNSHINE. PASSENGER OPERATIONS PLANNING REQUEST.
8026	06 55	SATURDAY	BENDIGO	SPENCER STREET	
8040	10 20	SATURDAY	KYNETON	SPENCER STREET	
8046	11 20	SATURDAY	BENDIGO	SPENCER STREET	
8054	15 20	SATURDAY	KYNETON	SPENCER STREET	
8062	17 00	SATURDAY	BENDIGO	SPENCER STREET	
8080	07 20	SUNDAY	BENDIGO	SPENCER STREET	
8084	17 00	SUNDAY	BENDIGO	SPENCER STREET	
8088	17 00	SUNDAY	SWAN HILL	SPENCER STREET	

SUMMARY OF TRAIN SCHEDULE ALTERATIONS

The following is a summary list of Train Schedule alterations incorporated in the Train Schedule reprint pages.

TRAIN NO.	TIME	DAYS	FROM	TO	ALTERATION
NORTHERN REGION (MELBOURNE-ALBURY B/G), SEYMOUR-COBRAM AND BRANCHES NORTH OF SEYMOUR					
9352	01 10	WED. TO FRI.	CORIO	SHEPPARTON/COBRAM	CANCELLED EX CORIO ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
9353	23 05	MONDAY	MELBOURNE YARD	SHEPPARTON	SCHEDULE ALTERED TO DEPART MELB. YARD 23 35 AND OPERATE TO SHEPPARTON ON MWThFO AND OPERATE TO COBRAM ON TuO (DEP 23 00 FRI ONLY) ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
0248	17 10	FRIDAY	STH. DYNON LOCO	SOMERTON	REQUIRE ADDITIONAL LIGHT LOCO LOCOMOTIVE ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
9350	18 45	FRIDAY	CORIO	WODONGA COAL SIDING	SCHEDULE ALTERED BETWEEN BROADMEADOWS AND SEYMOUR ACCOUNT SAFEWORKING REQUIREMENTS.
8343	18 05	SUNDAY	SPENCER STREET	ALBURY	SCHEDULE ALTERED FROM SEYMOUR ACCOUNT PASSENGER OPERATIONS PLANNING REQUEST.
8345	19 32	SUNDAY	SEYMOUR	COBRAM	SCHEDULE ALTERED TO DEPART SEYMOUR AT 19 34 ACCOUNT PASSENGER OPERATIONS PLANNING REQUEST.
0348	06 15	MONDAY	SOMERTON	STH DYNON LOCO	REQUIRE ADDITIONAL LIGHT LOCOMOTIVE ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
9506	13 50	MON - FRI.	KILMORE EAST (APEX SIDING)	WESTALL	SCHEDULE CANCELLED BETWEEN SUNSHINE AND WESTALL AND WILL NOW TERMINATE AT BROOKLYN AS TRAIN NO.9318 ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
9.	16 40	MON. - FRI.	WODONGA COAL SIDING	CORIO SHELL/ GEELONG LOCO DEPOT	SCHEDULE ALTERED TO DEPART WODONGA COAL SIDING AT 14 00 AND OPERATE EARLIER TO CORIO ACCOUNT TRAIN CREW ROSTER REQUEST.
9248	19 40	MWFO	SOMERTON	WAURN PONDS	SCHEDULE CANCELLED ON MONDAY AND WEDNESDAY ONLY ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
9304	17 30	MON. - FRI.	WODONGA COAL SIDING	MELBOURNE YARD	SCHEDULE ALTERED SECTIONALLY BETWEEN BROADMEADOWS AND MELBOURNE YARD ACCOUNT MOVEMENTS PLANNING REQUEST.
9252	11 40	WEDNESDAY	COBRAM	NORTH GEELONG YARD	SCHEDULE CANCELLED BETWEEN TOTTENHAM YARD AND NORTH GEELONG YARD ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
9252	22 00	MON, TUE, THUR	SHEPPARTON	NORTH GEELONG YARD	TRAIN NO. ALTERED TO BECOME 9354, AND TERMINATE AT MELBOURNE YARD ACCOUNT TRAIN CREW ROSTER REQUEST.

SUMMARY OF TRAIN SCHEDULE ALTERATIONS

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TRAIN NO.	TIME	DAYS	FROM	TO	ALTERATION
NORTHERN REGION (MELBOURNE-ALBURY B/G), SEYMOUR-COBRAM AND BRANCHES NORTH OF SEYMOUR					
9354	22 00	FRIDAY ONLY	SHEPPARTON	MELBOURNE YARD	SCHEDULE ALTERED SECTIONALLY BETWEEN SEYMOUR AND MELBOURNE YARD.
9510	02 15	SATURDAY	KILMORE EAST (APEX SIDING)	WESTALL	SCHEDULE CANCELLED ACCOUNT NOT REQUIRED BY FREIGHT BUSINESS MARKETING REQUIREMENTS.
8314	10 40	SATURDAY	SEYMOUR	SPENCER STREET	SCHEDULE ALTERED TO DEPART SEYMOUR AT 10 35 ACCOUNT PASSENGER OPERATIONS PLANNING REQUEST.
9318	15 25	SATURDAY	KILMORE EAST (APEX SIDING)	BROOKLYN	SCHEDULE CANCELLED ACCOUNT NOT REQUIRED BY FREIGHT BUSINESS MARKETING REQUIREMENTS
9303	20 15	FRIDAY ONLY	MELBOURNE YARD	BENALLA	SCHEDULE ALTERED TO TERMINATE AT SEYMOUR - FORMS NO.9303 AT 03 00 MONDAY.
9303	03 00	MONDAY ONLY	BENALLA	WODONGA	SCHEDULE ALTERED TO ORIGINATE SEYMOUR AT 01 40 ACCOUNT TRAIN CREW ROSTERS AND FREIGHT BUSINESS MARKETING REQUIREMENTS.
9508	18 40 19 15	FRIDAY ONLY MONDAY TO THURSDAY	ALBURY	LONG ISLAND	SCHEDULE ALTERED TO OPERATE VIA SUNSHINE ACCOUNT FREIGHT PLANNING REQUIREMENTS.

NORTHERN REGION (STANDARD GAUGE)

ALL TRAINS FROM S.91/4026, S.91/4030 AND S.91/4034 FORMALISED IN FEBRUARY M.T.P.

SUMMARY OF TRAIN SCHEDULE ALTERATIONS

The following is a summary list of Train Schedule alterations incorporated in the Train Schedule reprint pages.

TRAIN NO.	TIME	DAYS	FROM	TO	ALTERATION
EASTERN REGION (MELBOURNE - BAIRNSDALE)					
9453	19 25	MON.TO FRI.	MORWELL	TRARALGON	ADDITIONAL SCHEDULE REQUIRED ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
9430	07 45	TUESDAY & FRIDAY ONLY	WARRNAMBOOL	TRARALGON	SCHEDULE ALTERED SECTIONALLY BETWEEN BETWEEN DANDENONG AND TRARALGON.
9430	14 45	MONDAY & WEDNESDAY ONLY	NORTH GEELONG YARD	BAIRNSDALE	DAYS OF OPERATION TO BE MONDAY & THURSDAY ONLY ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
9430	14 45	THURSDAY ONLY	NORTH GEELONG YARD	TRARALGON	DAYS OF OPERATION TO BE WEDNESDAY ONLY ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
9459	21 30	FRIDAY ONLY	MELBOURNE YARD	TRARALGON	SCHEDULE ALTERED SECTIONALLY BETWEEN YARRAGON AND TRARALGON ACCOUNT 9474 BEING ALTERED.
9459	23 10	MONDAY TO THURSDAY ONLY	MELBOURNE YARD	TRARALGON	SCHEDULE ALTERED SECTIONALLY BETWEEN PAKENHAM AND MOE ACCOUNT 9474 BEING ALTERED.
4251	07 25	SATURDAY	DANDENONG	WARRAGUL	SCHEDULE ALTERED TO ORIGINATE SPENCER STREET AT 06 26. TRAIN IDENTIFICATION NUMBER IS ALTERED TO BE NO.4009 ACCOUNT PASSENGER OPERATIONS PLANNING REQUEST.
8415	13 08	SATURDAY	SPENCER STREET	TRARALGON	SCHEDULE ALTERED TO DEPART SPENCER STREET AT 12 48 ACCOUNT PASSENGER OPERATIONS PLANNING REQUEST.
9	20 05	SUNDAY ONLY	MARYVALE	TRARALGON	ADDITIONAL SCHEDULE REQUIRED ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
9428	01 20	MONDAY TO THURSDAY ONLY	TRARALGON	MARIBYRNONG RIVER TERMINAL	SCHEDULE ALTERED TO DEPART TRARALGON AT 01 30.
9458	03 45	MONDAY ONLY	TRARALGON	MELBOURNE YARD	ADDITIONAL SCHEDULE REQUIRED ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
9440	07 25	TUESDAY ONLY	TRARALGON	TOTTENHAM YARD	SCHEDULE CANCELLED ACCOUNT NOT REQUIRED BY FREIGHT BUSINESS MARKETING REQUIREMENTS.
9230	07 25	MONDAY AND THURSDAY ONLY	TRARALGON	NORTH GEELONG YARD	SCHEDULE ALTERED TO DEPART MORWELL BRIQUETTE SIDING AT 09 15 AND OPERATE LATER TO NORTH GEELONG YARD.
9460	20 40	MONDAY TO THURSDAY ONLY	TRARALGON	MELBOURNE YARD	SCHEDULE ALTERED TO DEPART TRARALGON AT 21 30 ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.

SUMMARY OF TRAIN SCHEDULE ALTERATIONS

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TRAIN NO.	TIME	DAYS	FROM	TO	ALTERATION
EASTERN REGION (MELBOURNE - BAIRNSDALE)					
9474	18 30	TUESDAY & THURSDAY ONLY	BAIRNSDALE	TOTTENHAM YARD	DAYS OF OPERATION TO BE TUESDAY ONLY. SCHEDULE ALTERED TO DEPART BAIRNSDALE AT 18 00 ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
9474	23 05	MONDAY & WEDNESDAY ONLY	TRARALGON	TOTTENHAM YARD	DAYS OF OPERATION TO BE MONDAY, WEDNESDAY AND THURSDAY ONLY. SCHEDULE ALTERED TO DEPART TRARALGON AT 23 40 ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
9474	23 05	FRIDAY ONLY	TRARALGON	TOTTENHAM YARD	SCHEDULE ALTERED TO ORIGINATE BAIRNSDALE AT 18 00 ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
4250	06 20	SATURDAY	WARRAGUL	DANDENONG	SCHEDULE ALTERED TO DEPART WARRAGUL AT 06 25 AND IS EXTENDED TO SPENCER STREET. TRAIN IDENTIFICATION NUMBER IS ALTERED TO BE NO.4012 ACCOUNT PASSENGER OPERATIONS PLANNING REQUEST.
0454	19 00	SUNDAY ONLY	TRARALGON	MARYVALE	ADDITIONAL SCHEDULE REQUIRED ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
9460	23 20	SUNDAY ONLY	TRARALGON	SPENCER STREET	SCHEDULE CANCELLED ACCOUNT RUNS AS NO.9458 MON. MORNING - FREIGHT PLANNING REQUIREMENTS.
EASTERN REGION (MELBOURNE - BARRY BEACH)					
9407	01 55	TUESDAY ONLY	TOTTENHAM YARD	BARRY BEACH	DAY OF OPERATION IS TO BE FRIDAY ONLY ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
9408	09 00	TUESDAY ONLY	BARRY BEACH	SPOTSWOOD	DAY OF OPERATION IS TO BE FRIDAY ONLY ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
9290	22 35	WEDNESDAY & FRIDAY ONLY	LYNDHURST	WAURN PONDS	DAY OF OPERATION IS TO BE WEDNESDAY ONLY ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
9290	23 10	MONDAY ONLY	LYNDHURST	WAURN PONDS	SCHEDULE CANCELLED ACCOUNT NOT REQUIRED BY FREIGHT BUSINESS MARKETING REQUIREMENTS.

SUMMARY OF TRAIN SCHEDULE ALTERATIONS

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TRAIN NO.	TIME	DAYS	FROM	TO	ALTERATION
METROPOLITAN REGION					
9537	08 35	MON. - FRI.	TOTTENHAM YARD	DANDENONG	SCHEDULE ALTERED TO DEPART TOTTENHAM YARD AT 08 45 AND OPERATE VIA PASS LINES FROM WEST FOOTSCRAY.
9559	08 55	TUESDAY, WEDNESDAY & FRIDAY	TOTTENHAM YARD	FAIRFIELD	SERVICE TO BE CANCELLED ON TUESDAY AND FRIDAY ONLY ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS. SCHEDULE ALTERED TO DEPART TOTTENHAM YARD AT 09 00.
9529	10 30	MON. - FRI.	TOTTENHAM YARD	LONG ISLAND	SCHEDULE ALTERED TO DEPART TOTTENHAM YARD AT 10 40.
0.	19 45	FRIDAY ONLY	BROOKLYN	SOUTH DYNON LOCO	NEW SCHEDULE REQUIRED ACCOUNT LIGHT LOCO FORMED OFF NO.9318.
9529	10 20	SATURDAY	TOTTENHAM YARD	LONG ISLAND	SCHEDULE ALTERED TO DEPART TOTTENHAM YARD AT 11 40.
0544	19 35	MON. TO FRI.	SPOTSWOOD	SOUTH DYNON LOCO	DAYS OF OPERATION TO BE FRIDAY ONLY ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
0508	19 30	SATURDAY	BROOKLYN	SOUTH DYNON LOCO	SCHEDULE TO BE CANCELLED ACCOUNT NOT REQUIRED DUE TO NO.9318 ALSO BEING CANCELLED.
9310	21 40	MON. - FRI.	WESTALL	KILMORE EAST	SCHEDULE TO BE CANCELLED ACCOUNT TRAIN NOW ORIGINATES AT BROOKLYN AT 22 55 ON MONDAY TO THURSDAY ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
[illegible]	04 00	SATURDAY	LONG ISLAND	TOTTENHAM YARD	SERVICE TO BE CANCELLED ACCOUNT NOT REQUIRED DUE TO FREIGHT BUSINESS MARKETING REQUIREMENTS.
9560	11 40	TUESDAY, WEDNESDAY & FRIDAY ONLY	FAIRFIELD	TOTTENHAM YARD	DAYS OF OPERATION TO BE WEDNESDAY ONLY ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
0543	10 45	MONDAY, WEDNESDAY, THURSDAY & FRIDAY ONLY	SOUTH DYNON LOCO	SPOTSWOOD	DAYS OF OPERATION TO BE MONDAY TO THURSDAY ONLY DUE TO FREIGHT BUSINESS MARKETING REQUIREMENTS.
9308	16 20	SATURDAY ONLY	LONG ISLAND	MELBOURNE YARD	NEW SCHEDULE REQUIRED ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.

SUMMARY OF TRAIN SCHEDULE ALTERATIONS

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TRAIN NO.	TIME	DAYS	FROM	TO	ALTERATION
METROPOLITAN REGION					
9522	07 05	SATURDAY	LONG ISLAND	TOTTENHAM YARD	SCHEDULE ALTERED TO DEPART LONG ISLAND AT 07 10.
9306	09 05	SATURDAY	WESTALL	KILMORE EAST	SCHEDULE CANCELLED ACCOUNT NOT REQUIRED DUE TO FREIGHT BUSINESS MARKETING REQUIREMENTS.
9501	06 30	MONDAY ONLY	MELBOURNE YARD	TOTTENHAM YARD	TRIP TRAIN TO BE ALTERED TO DEPART FROM SOUTH DYNON AT 06 30 AS A LIGHT LOCOMOTIVE ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
9511	21 20	TUESDAY TO FRIDAY	MELBOURNE YARD	TOTTENHAM YARD	SCHEDULE TO BE CANCELLED ACCOUINT NOT REQUIRED DUE TO FREIGHT BUSINESS MARKETING REQUIREMENTS.
9572	03 30	TUESDAY TO FRIDAY	TOTTENHAM YARD	MELBOURNE YARD	SCHEDULE TO BE CANCELLED ACCOUNT NOT REQUIRED DUE TO FREIGHT BUSINESS MARKETING REQUIREMENTS.
9576	14 30	SATURDAY	TOTTENHAM YARD	MELBOURNE YARD	SCHEDULE ALTERED TO DEPART TOTTENHAM YARD AT 13 00 ACCOUNT FREIGHT BUSINESS MARKETING REQUIREMENTS.
8605	21 30	SATURDAY ONLY	SPENCER STREET	SOUTH DYNON CARRIAGE SHED	SCHEDULE TO BE CANCELLED ACCOUNT INTERCAPITAL DAYLIGHT SUSPENDED.
8602	21 30	SATURDAY ONLY	SOUTH DYNON CARRIAGE SHED	SPENCER STREET	SCHEDULE TO BE CANCELLED ACCOUNT INTERCAPITAL DAYLIGHT SUSPENDED.

All concerned to note and arrange .

B.T.SPICER
Group Manager
Train Operations
Per;-