

NORTH GEELONG TO YELTA
BROAD GAUGE
1. CLASS OF LOCOMOTIVE AND PERMITTED SPEEDS (KM/H)

		CLASS OF LOCOMOTIVE					Sprinter/ Vlocity
		G, XR, BL	A, B, EL, GM, N, S, X	T, P, H	Y		
NORTH GEELONG 'A' BOX (decommissioned) and NORTH GEELONG 'C' BOX	Freight Pass	30 40	30 40	30 40	30 ..	.. 40
NORTH GEELONG STATION and NORTH GEELONG 'C' BOX	All Trains	30	30	30	30	30	
NORTH GEELONG 'C' BOX prior to the turnout at (71.050km) and after the gauge splitter at (72.300km) on the dual gauge track	Freight Pass	15 15	15 15	15 15	15 ..	.. 15
72.300km and Butcher's Road PCR (81.658km) Up side of GHERINGHAP	Freight Pass	80 80	80 80	80 80	65 ..	.. 80
Except all Broad Gauge trains between Evans Road PCR (76.631km) and Steiglitz Road PCR (77.404km)	All Trains	65	65	65	65	65	
Butcher's Road PCR (81.658km) Up side of GHERINGHAP and Humffray St PCR (113.109km via Ballan) at BALLARAT EAST	Freight Pass	80 80	80 80	80 80	65 ..	.. 80
Humffray St PCR (113.109km via Ballan) at BALLARAT EAST and BALLARAT NORTH JUNCTION (through BALLARAT)	All Trains	40	40	40	40	40	
BALLARAT NORTH JUNCTION and MARYBOROUGH Over Fixed Points at Up end of Maryborough at 186.714km (via BALLAN) Broad Gauge Only	Fr eight Freight	80 65	80 65	80 65	65 65	.. ..
MARYBOROUGH and DUNOLLY Over Fixed Points at Up end of Dunolly at 245.324km (via Ballan) Broad Gauge Only	Freight Freight	80 65	80 65	80 65	65 65	.. ..
DUNOLLY and ST ARNAUD (Sunraysia Highway PCR 298.558km)	Freight	80	80	80	65	65	
ST ARNAUD (Sunraysia Highway PCR 298.558km and Wimmera Highway PCR 299.658)	Freight	50	50	50	50	50	
ST ARNAUD (Wimmera Highway PCR 299.658km) and DONALD (Campbell Street PCR 337.265km)	Freight	80	80	80	65	..	
DONALD (Campbell Street PCR 337.265km) and BIRCHIP (Berriwillock Road PCR 390.632km)	Freight	70	70	70	65	..	
BIRCHIP (Berriwillock Road PCR 390.632km) and OUYEN (508.000km)	Freight	80	80	80	65	65	
OUYEN (508.000km and William Street PCR 509.492km)	Freight	60	60	60	60	60	
OUYEN (William Street PCR 509.492km) and RED CLIFFS (Murray Street PCR 594.440km)	Freight	80	80	80	65	65	
RED CLIFFS (Murray Street PCR 594.440km and Fitzroy Avenue PCR 595.487km)	Freight	70	70	70	65	65	
RED CLIFFS (Fitzroy Ave PCR 595.487km) and MILDURA	Freight	80	80	80	65	65	
MILDURA and Eleventh Street PCR. (610.990km) (between Mildura & Merbein)	Freight	25	25	25	25	..	
Eleventh Street PCR (610.990km) and Calder Highway PCR. (620.783km) at MERBEIN	Freight	65	65	65	65	..	
Over Calder Highway PCR. (620.783km) at Merbein	Freight	10	10	10	10	..	
Calder Highway PCR. (620.783km) between MERBEIN and YELTA	Freight	65	65	65	65	..	

NORTH GEELONG TO YELTA

BROAD GAUGE

2. SPECIAL SPEED RESTRICTIONS

- All train movements to or from BALLARAT EAST Locomotive Depot must not exceed 10km/h.
- All Down trains entering the Freight Arrival Track from BALLARAT EAST end must not exceed 10km/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:

LOCATION	MAXIMUM SPEED KM/H	
	When running to or from lines diverging from the straight track	When running on the straight track
Over facing points held by hand	15	15
Between NORTH GEELONG and WARRENHEIP (except at NORTH GEELONG 'C' BOX, MEREDITH, LAL LAL and WARRENHEIP)	40	Line speed for train type
At MEREDITH and LAL LAI	60	Line speed for train type
At WARRENHEIP over Trailable Points		
Over Facing Trailable Points	40	-
Over Trailing Trailable Points until locomotives clears Points	-	40
Over Trailing Trailable Points after the locomotives clears Points	-	60
Between NORTH BALLARAT JUNCTION and YELTA (except over Trailable points and at MARYBOROUGH, DUNOLLY (No. 1 Road) and MERBEIN)	40	Line speed for train type
Over Trailable Points		Line speed if lesser than indicated below
Over Facing Trailable Points	40	80
Over Trailing Trailable Points until locomotive clears points	40	65
Over Trailing Trailable points AFTER the locomotive clears points	40	80
At MARYBOROUGH (between Up end fixed points and km 226.000)		
All Broad Gauge Trains	35	50
All Standard Gauge Trains	40	50
At DUNOLLY No. 1 Road over Dual Gauge Crossing work (All Down Broad Gauge Trains)	-	50
At MERBEIN	15	30

- Dunolly - A Notice Board is provided at the DOWN end of Thompson Road PCR (246.252km) advising that the Maximum Speed for UP Trains to the level crossing is not to exceed 70 kph.
- Birchip - A Notice Board is provided at the DOWN end of Wycheproof Road PCR (389.278km) advising that the Maximum Speed for UP Trains to the level crossing is not to exceed 40 kph.
- Ouyen - A Notice Board is provided at the DOWN end of Mallee Highway PCR (508.527km) advising that the Maximum Speed for UP Trains to the level crossing is not to exceed 40 kph.

**MAXIMUM SPEED TO THOMPSON ROAD
70 KPH**

**MAXIMUM SPEED TO WYCHEPROOF ROAD
40 KPH**

**MAXIMUM SPEED TO MALLEE HIGHWAY
40 KPH**

NORTH GEELONG TO YELTA

BROAD GAUGE

3. RULING GRADE LOADS (TONNES)

SECTION	CLASS OF LOCOMOTIVE												
	G, XR, BL	N	EL, GM, S, X	Mod A Class	A solo or multi with other class	A multi with other class	B	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 with T, Y, H or P	Y multi with other class
DOWN													
Nth Geelong Yard to GHERINGHAP	2250	1625	1625	1960	1420	1420	1420	915	915	915	915	610	610
MEREDITH	..	1120	1120	1500	985	985	985	660	660	660	660	445	445
LAL LAL	..	1170	1170	1550	1015	1015	1015	710	710	710	710	465	465
BALLARAT	2000	1625	1625	2300	1420	1420	1420	1015	1015	1015	1015	660	660
Ballarat to													
TOURELLO LOOP	1520	1030	815	1030	830	750	670	560	560	560	480	280	250
MARYBOROUGH	1530	1120	890	1120	930	840	815	630	630	570	510	355	310
Maryborough to													
DUNOLLY	1710	1220	970	1220	1060	950	770	620	560	..	..	..	..
BEALIBA	1530	1120	..	1120	..	..	730	630	570	..	..	..	..
ST.ARNAUD	1610	1150	915	1150	940	850	..	620	560	..	..	..	..
SUTHERLAND	2210	1060	965	1060	970	870	760	640	580	570	510	310	280
DONALD	4570	3430	2360	3430	2720	2450	1710	1260	1200	1200	1080	650	600
Donald to													
WOOMELANG	4150	3300	3000	3300	2690	2420	2320	1770	1625	1625	1460	800	720
TURRIFF	3370	2910	2360	2910	2180	1960	1530	1250	1130	1110	1000	560	500
TEMPY	3940	2800	2030	2800	2220	2000	1660	1240	1120	1130	1020	610	550
OUYEN	2650	2050	1870	2050	1950	1760	1600	1450	1310	1280	1200	780	700
KIAMAL	4530	3610	2530	3610	3400	3060	1710	1240	1120	950	860	670	600
CARWARP	3230	2850	2020	2850	2500	2250	1540	1430	1290	1290	1160	750	680
MILDURA	3000	2200	2060	2200	2120	1910	1840	1720	1550	1590	1430	850	800
Mildura to YELTA	2500	1860	1500	1860	1600	1600	1250	1020	1020	1020	1020	610	610
UP													
Yelta to MILDURA	..	2940	2460	2940	2520	2520	2000	1500	1500	1500	1500	850	850
Mildura to													
IRYMPLE	4940	4410	3540	4410	3730	3360	2970	2260	2030	2060	1850	1230	1110
REDCLIFFS	3870	2820	2090	2820	2260	2030	1740	1280	1150	1130	1020	600	540
KIAMAL	3830	2870	2690	2870	2780	2500	2430	1740	1570	1420	1280	700	600
OUYEN	4940	4430	3970	4430	4180	3760	2150	2020	1625	1870	1625	1650	1065
SPEED	2800	1920	1500	1920	1610	1450	1240	1000	910	910	820	500	450
TURRIFF	..	..	..	..	..	..	1525	1080	970	830	750	600	540
WOOMELANG	4050	3220	2850	3220	3040	2740	2190	1720	1550	1570	1410	1020	920
WATCHUPGA	4540	3840	2020	3840	1860	1670	1610	1400	1260	1300	1170	700	630
WATCHEM	3000	2460	2250	2460	2340	2110	1950	1780	1600	1580	1420	1000	900
DONALD	3920	2950	2700	2950	2790	2510	2400	2230	2010	2030	1830	1660	1490
Donald to													
COPE COPE	..	4840	4270	4840	4500	4050	3620	3200	2880	2740	2450	1640	1480
SWANWATER	..	1210	960	1210	1060	950	815	660	590	600	560	360	330
SUTHERLAND	..	2740	2310	2740	2560	2300	1920	1480	1330	1350	1220	790	710
EMU	1520	1120	915	1130	950	860	815	630	570	570	510	310	280
BEALIBA	..	3400	2800	3400	2970	2670	2190	1590	1430	1340	1210	810	810
DUNOLLY	1760	1280	1020	1280	1080	970	840	680	..	630	570	355	..
MARYBOROUGH	1655	1200	950	1200	970	870	815	660	610	610	540	350	320
Maryborough to													
TOURELLO LOOP	1520	1120	915	1200	920	830	815	590	590	540	490	290	260
BALLARAT	3800	3800	3360	3800	3620	3260	3110	1560	1560	900	810	560	500
Ballarat to													
WARRENHEIP	1520	865	915	1120	760	760	760	455	455	455	455	355	355
GHERINGHAP	2500	..	..	..	..	..	..	..	..	..	..	..	..
NTH GEELONG YARD	3200	2135	2135	3200	2135	2135	2135	2030	2030	2030	2030	1420	1420

NETWORK SERVICE PLAN

NORTH GEELONG TO YELTA

BROAD GAUGE

4. SAFEWORING SYSTEMS

Siding Conditions is in force between the access to NORTH GEELONG YARD at NORTH GEELONG STATION and NORTH GEELONG 'C' Signalbox.

Centralised Traffic Control system of signalling (Operated by ARTC) is in force between NORTH GEELONG 'C' BOX and GHERINGHAP – CTC continues on the Standard Gauge into GHERINGHAP Loop. On the Broad Gauge, Train Order Working commences at a point adjacent to Up signal Post 83/14 (BATESFORD) to GHERINGHAP Loop Broad Gauge and continues as listed below – GHERINGHAP Loop Broad Gauge is a D.I.C.E (Driver Initiated Control Equipment) Location.

Train Order Working is in force between BATESFORD (adjacent to UP signal post 83/14) and BALLARAT EAST (adjacent to Signal Post No 50) Train Order Working is in force between NORTH BALLARAT (adjacent to Signal Post No 4) and YELTA

	STATUS – ATTENDED	STATUS – UNATTENDED
BATESFORD	Unattended location	Unattended Train Order Terminal Station
GHERINGHAP LOOP (Broad Gauge)	Attended Crossing Station	Unattended Crossing Station (DICE Loop)
LETHBRIDGE BLOCK POINT	Block Point Location	Block Point Location
MEREDITH	Attended Crossing Station	Intermediate Train Order Station
LAL LAL BLOCK POINT	Block Point Location	Block Point Location
WARRENHEIP LOOP	Not Applicable	Unattended Crossing Loop
BALLARAT EAST	Attended Terminal Station	Attended for all Trains
NORTH BALLARAT	Attended Terminal Station	Attended for all Trains
TOURELLO LOOP	Unattended Crossing Loop	Unattended Crossing Loop
MARYBOROUGH	Intermediate Terminal Station	Intermediate Terminal Station
DUNOLLY	Attended Crossing Station	Unattended Crossing Loop
EMU LOOP	Unattended Crossing Loop	Unattended Crossing Loop
SUTHERLAND LOOP	Unattended Crossing Loop	Unattended Crossing Loop
DONALD LOOP	Unattended Crossing Loop	Unattended Crossing Loop
WATCHEM LOOP	Unattended Crossing Loop	Unattended Crossing Loop
BIRCHIP LOOP	Unattended Crossing Loop	Unattended Crossing Loop
CURYO BLOCK POINT	Block Point Location	Block Point Location
WOOMELANG LOOP	Unattended Crossing Loop	Unattended Crossing Loop
GAMA BLOCK POINT	Block Point Location	Block Point Location
SPEED LOOP	Unattended Crossing Loop	Unattended Crossing Loop
OUYEN	Intermediate Terminal Station	Intermediate Terminal Station
HATTAH BLOCK POINT	Block Point Location	Block Point Location
CARWARP LOOP	Unattended Crossing Loop	Unattended Crossing Loop
YATPOOL BLOCK POINT	Block Point Location	Block Point Location
LAKESIDE BLOCK POINT	Block Point Location	Block Point Location
YELTA	Unattended Location	Unattended Train Order Terminal Station

Master Keys are not required to be carried between BATESFORD and MARYBOROUGH unless required for Shunting at the intermediate sidings at GHERINGHAP and or LAL LAL.

5. SPECIAL NOTES

No Special Notes.

NORTH GEELONG TO YELTA
BROAD GAUGE
6. DISTANCES FROM MELBOURNE AND CLEAR LENGTH OF CROSSING ROADS

LOCATION	MARKED DISTANCE FROM MELBOURNE (KM) (VIA NORTH GEELONG LOOP)	CLEAR LENGTH OF CROSSING ROADS (LENGTH IN METRES)	
		NO. 1	NO. 2
NORTH GEELONG YARD	70.036	765	..
NORTH GEELONG 'C' BOX	71.142	..	..
GHERINGHAP	83.454	868	857
LETHBRIDGE BLOCK POINT	97.100	..	..
LETHBRIDGE	99.262	..	..
MEREDITH	114.198	860	860
LAL LAL	134.758	..	..
LAL LAL BLOCK POINT	137.440	..	..
WARRENHEIP LOOP	148.748	1120	1120
BALLARAT EAST END	154.694	..	..
BALLARAT	155.386	..	..
NORTH BALLARAT JUNCTION	156.900	..	..
TOURELLO LOOP	186.254	850	835
MARYBOROUGH	224.041	889	787
DUNOLLY	246.099	819	819
BEALIBA	265.637	..	..
EMU LOOP	277.736	840	840
ST ARNAUD	299.171	..	..
SUTHERLAND LOOP	310.428	1000	1000
SWANWATER	317.889	..	..
COPE COPE	325.490	..	..
DONALD FREEZING WORKS SIDING	336.190	..	..
DONALD LOOP	336.749	740	740
DONALD	337.597	485	..
LITCHFIELD	352.709	..	..
MASSEY	361.260	..	..
WATCHEM LOOP	369.768	970	970
MORTON PLAINS	377.558	..	..
BIRCHIP A.W.B. OUT LOADING FACILITY	386.048	..	..
BIRCHIP LOOP	389.460	825	825
KINNABULLA	405.049	..	..
CURYO	410.390	..	..
CURYO BLOCK POINT	411.000	..	..
WATCHUPGA	421.799	..	..
WOOMELANG LOOP	432.095	640	640
LASCELLES	443.656	..	..
GAMA BLOCK POINT	451.850	..	..
GAMA	452.281	..	..
TURRIFF	463.053	..	..
SPEED LOOP	469.844	800	800
TEMPY	476.417	..	..
BRONZEWING	494.111	..	..
NUNGA	500.973	..	..
OUYEN	508.758	800	800
KIAMAL	517.364	..	..
HATTAH	543.018	..	..
HATTAH BLOCK POINT	543.018	..	..
CARWARP LOOP	578.108	..	..
YATPOOL BLOCK POINT	592.700	..	..
REDCLIFFS	594.955	..	..
IRYMPLE	602.635	..	..
MILDURA CEMENT SIDING	606.000	664	..
SARNIA PACKING CO. SIDING	608.000	183	..
MILDURA CO. OP. FRUIT CO. SIDING	608.000	..	..
MILDURA	609.323	543	543
MILDURA OIL SIDING	611.000	111	..
LAKESIDE BLOCK POINT	616.000	..	..
MERBEIN UP END SIDING	620.250	445	445

NETWORK SERVICE PLAN

NORTH GEELONG TO YELTA

BROAD GAUGE

LOCATION	MARKED DISTANCE FROM MELBOURNE (KM) (VIA NORTH GEELONG LOOP)	CLEAR LENGTH OF CROSSING ROADS (LENGTH IN METRES)	
		NO. 1	NO. 2
MERBEIN	620.510	..	..
MERBEIN WAKEFIELD'S SIDING	620.833	350	350
MERBEIN SIDING	620.850	280	280
YELTA	629.900	342	342

7. TRACK CLASS

Track is maintained to the following class standards.

SECTION	CLASS
GHERINGHAP – MILDURA	CLASS 3
MILDURA – YELTA	CLASS 4

8. PROTECTED LEVEL CROSSINGS

NAME AND KMS OF NEAREST STATION	LEVEL CROSSING	DISTANCE (KM) (VIA NORTH GEELONG LOOP)	TYPE	LOCATION NUMBER	VIC ROADS ID NO.
GHERINGHAP – 83.454	Burnside Road	88.370	FL	GV0883	
	High Street	89.694	FL	GE0896	
LETHBRIDGE – 99.262	Station Street	99.193	FL	GE0991	
MEREDITH – 114.198	Staughton Street	114.127	FL	GE1141	
	* Midland Highway	123.064	FL	AL1230	19007
LAL LAL – 134.758	Clarendon Street	134.549	FL	AL1348	
	Main Street	140.360	FL	AL1403	
BALLARAT – 155.386	Humffray Street	154.694	BB, PG	A1181	
	Lydiard Street	155.508	IG	A1189	
	Doveton Street	156.336	BB	A1193	
	McArthur Street	156.867	BB	AM1199	
	Howitt Street	157.786	BB	AM1207	
	Norman Street	158.597	BB	AM1215	
	Heinz Lane	159.441	FL	AM1224	
	* Midland Highway	166.081	BB	AM1290	19008
	Victoria Street	174.684	FL	AM1376	
	Williams Road	176.032	FL	AM1390	
TALBOT – 209.867	Ballarat Road	186.962	FL	AM1499	
	Learmonth Road	193.362	FL	AM1563	
	* Old Ballarat Road	206.825	FL	AM1698	
	* Ballarat Road	209.269	FL	AM1722	
	* Scandinavian Cres	209.531	FL	AM1725	
MARYBOROUGH – 224.041	Denherts Road	217.862	FL	AM1808	
	Lean Street	222.689	FL	AM1856	
	Inkerman Street	223.742	BB	AM1867	
	Tulleroop Road	226.106	FL	AM1891	
	* Dooleys Road	227.218	FL	AM1902	
	Eddington Road	234.591	FL	N1975	
DUNOLLY – 246.111	Dunolly Road	238.916	FL	N2019	
	Thompson Road	246.252	FL	N2092	
BEALIBA – 265.637	Avoca Road	266.544	FL	N2295	
EMU – 277.736	St. Arnaud Road	279.414	FL	N2424	
ST ARNAUD – 299.171	Sunraysia Highway	298.558	FL	N2615	
	Howitt Street	298.949	FL	N2619	
	Millet Street	299.420	FL	N2624	
	Wimmera Highway	299.656	FL	N2626	
	Alma Street	300.023	FL	N2630	
	Wellington Road	300.403	FL	N2634	
	Sunraysia Highway	300.667	FL	N2636	

NETWORK SERVICE PLAN

NORTH GEELONG TO YELTA

BROAD GAUGE

NAME AND KMS OF NEAREST STATION	LEVEL CROSSING	DISTANCE (KM) (VIA NORTH GEELONG LOOP)	TYPE	LOCATION NUMBER	VIC ROADS ID NO.
	♣ Sunraysia Highway	322.933	FL	N2859	7273
DONALD – 337.597	Sunraysia Highway	336.190	FL	N2991	
	Campbell Street	337.265	FL	N3002	
	Hammill Street	337.931	FL	N3009	
	♣ Sunraysia Highway	344.867	FL	N3078	7275
LITCHFIELD – 352.709	* Borung Highway	353.111	BB	N3161	7276
MASSEY – 361.260	♣ Sunraysia Highway	361.475	BB	N3244	7277
WATCHEM – 369.768	Corack Road	370.015	BB	N3331	
BIRCHIP – 389.460	* Aerodrome Road	387.175	FL	N3501	
	Corack Road	388.964	FL	N3519	
	Wycheproof Road	389.278	FL	N3522	
	Berriwillock Road	390.632	FL	N3536	
	Sea Lake Road	391.230	FL	N3542	
WOOMELANG – 432.095	Sunraysia Highway	431.549	FL	N3945	
	Brook Street (Sunraysia Highway)	432.391	FL	N3953	
LASCELLES – 443.560	♣ Sunraysia Highway	443.262	FL	N4062	7278
OUYEN – 508.758	Ouyen Highway	508.527	FL	N4715	
	Williams Road	509.492	FL	N4724	
REDCLIFFS – 594.955	Murray Avenue	594.440	FL	N5574	
	Fitzroy Avenue	595.486	FL	N5584	
IRYMPLE – 602.635	Belar Avenue	600.369	FL	N5633	
	Irymple Avenue	602.427	FL	N5654	
	Calder Highway	603.191	BB	N5661	
	Karaduc Avenue	604.156	FL	N5671	
	Sandalong Avenue	605.103	FL	N5681	
	Cowra Avenue	606.045	FL	N5690	
MILDURA – 609.323	Benetook Avenue & Eleventh St	606.973	FL	N5699	
	Ettiwande Avenue	607.705	FL	N5707	
	San Mateo Avenue	608.432	FL	N5714	
	Seventh Street (Sturt Highway)	608.828	FL	N5718	
	Chaffey Avenue	609.947	FL	N5929	
	Eleventh Street	610.990	FL	N5739	
	Thirteenth Street	611.486	FL	N5744	
	Ontario Avenue	612.486	FL	N5754	
MERBEIN – 620.510	River Avenue	619.108	FL	N5821	
	Calder Highway	620.783	FL	N6207	
	Paschendale Avenue	624.603	FL	N5876	

BB – Boom Barriers

NSW – R.I.C. Distance from Sydney

T – Equipped with Telephone Communication

CC – Crib Crossing

PB – Pedestrian Barriers

VIC – Victorian Broad Gauge

FL – Flashing Lights

PG – Pedestrian Gates

IG – Interlocked Gates

SG – Standard Gauge

Note * Indicates those level crossings where an increase in speed may be permitted if the train is travelling at or above 50km/h upon passing the predictor indicator board.

At these level crossings indicated above operated with Level Crossing Predictors, the Predictor boards will be placed in accordance with Rule 9 (Section 36) of the Book of Rules and Operating Procedures.

Note ♣ Level crossing fitted with VicRoads Active Advance Warning Signs. Warning sign faults are to be reported to the VicRoads Fault Centre on 131170.

NETWORK SERVICE PLAN