



**CODE OF PRACTICE
FOR
OPERATIONS & SAFEWORKING**

**NETWORK INTERFACE
CO-ORDINATION PLAN**

DOCUMENT No. TA02

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30 June 2004

***APPENDIX V
PROTECTED LEVEL CROSSINGS
(ACTIVE SIGNALLING)***

DOCUMENT UNCONTROLLED WHEN PRINTED

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Predictor operated crossing marked * for all locations on the ARTC network. For all predictor operated crossing locations, train speed must not be increased approaching the crossing.

Number	Page or Clause	Summary of Amendments	Date Issued
Issue 2.1	Section 1	Harris Street level crossing - auto gates installed – TN 1132/2002	30/06/03
Issue 2.1	Section 1	Footner Road level crossing – auto gates installed TN 977/2002	30/06/03
Issue 2.1	Section 1	Hospital Road level crossing – auto gates installed TN 871/2002	30/06/03
Issue 2.1	Section 1	Stirling Road Level Crossing - auto gates installed TN 786/2002	30/06/03
Issue 2.1	Section 3	Jacksons Creek Road Maroona to Ararat - HXP predictors installed TN 44/2002	30/06/03
Issue 2.1	Section 3	Dooen – Henty Highway - converted to auto gates – TN 1266/2001	30/6/03
Issue 2.1	Section 3	Manor loop to Elders - Plains Road converted to boom barriers- TN 1129&1098/2001	30/6/03
Issue 2.1	Section 1	Auto gates at Bolivar, Snowtown Port Augusta, Grand Junction Road, Predictor crossing at PTB and Point Lowly Road.	30/6/03
Issue 2.1	Section 3 & 5	List of active crossings cross checked with base data records.	30/6/03
Issue 2.2	Section 3	West's Road now auto gates - TN 1015/2001	30/6/04
Issue 2.2	Section 3	Garden Gully Road fitted with flashing light signals - predictor operated – TN 1459/2003	30/6/04
Issue 2.2	Section 3	Park Road - Pryrenee's fitted with flashing light signals - predictor operated – TN 1460/2003	30/6/04
Issue 2.2	Section 3	Wingeel Road fitted with flashing light signals - predictor operated – TN 1535/2003	30/6/04
Issue 2.2	Section 3	Hamiltons Road fitted with flashing light signals - predictor operated – TN 1534/2003	30/6/04
Issue 2.2	Section 1	Park terrace level crossing – predictors installed TN 146/2004	30/6/04
Issue 2.2	Section 1	North Terrace crossing active crossing TN 203/2004	30/6/04
Issue 2.2	Section 6	Detail for ASP line to be referred to ARG - TN 8/2004	30/6/2004

PROTECTED LEVEL CROSSINGS (ACTIVE SIGNALLING)

1 MILE END TO SPENCER JCTN

SEGMENT LINES	LEVEL CROSSING	DISTANCE	TYPE
MILE END TO SPENCER JCTN			
MILE END	Hawker Street	4.412	Auto gates
	Torrens Road	4.981	Auto gates
	Belford Avenue	5.983	Auto gates
	Pym Street	6.646	Auto gates
	Cormack Road	11.367	Auto gates
DRY CREEK	One Spot Access Road	13.689	Auto gates
	Kings Road	19.316	Auto gates
	Park Tce*	21.656	Auto gates
	Bagsters Road	23.472	Auto gates
	Bolivar Road	27.350	Auto gates
	Heaslip Road	28.653	Auto gates
BOLIVAR	Taylor's Road	31.233	Flashing lights & gongs
	King Road	32.496	Flashing lights & gongs
	Penfield Road	34.569	Flashing lights & gongs
	Gawler Road	35.210	Flashing lights & gongs
	Angle Vale Road	36.815	Auto gates
	Dawkins Road	41.735	Auto gates
TWO WELLS	Gawler Road	44.503	Flashing lights & gongs
	Korunye Crossing	53.604	Flashing lights & gongs
MALLALA	Dublin Road	61.985	Flashing lights & gongs
BOWMANS	Balaklava Road	102.900	Flashing lights & gongs
SNOWTOWN	South Tce	145.487	Auto gates
	North Tce	146.575	Flashing lights & gongs
RED HILL	Ellis Road *	173.726	Flashing lights & gongs
CRYSTAL BROOK	Clare Road	196.908	Flashing lights & gongs
	Main Road	22.876	Flashing lights & gongs
	Abbatoir Road *	6.743	Auto gates
COONAMIA	Warnertown Road	2.776	Flashing lights & gongs
	Port Germein Road	4.445	Flashing lights & gongs
	* = Predictor operated		

MILE END TO SPENCER JCTN (Cont.)

SEGMENT LINES	LEVEL CROSSING	DISTANCE	TYPE
MILE END TO SPENCER JCTN (Cont.)			
PORT GERMEIN	Main Road	23.981	Flashing lights & gongs
	Wilmington Road	68.925	Flashing lights & gongs
	Old Wilmington Road	81.915	Flashing lights & gongs
	Quorn Road	83.082	Flashing lights & gongs
	North Terrace	84.705	Flashing lights & gongs
PORT AUGUSTA	Harris Street	85.529	Auto gates
	Footner Road *	87.150	Auto gates
	Stirling Road *	90.266	Auto gates
	Hospital Road *	90.767	Auto gates
	Carlton Parade	91.580	Auto gates
	Tassie Street	92.839	Flashing lights & gongs
	* = Predictor operated		

2 SPENCER JCTN TO KALGOORLIE

SEGMENT LINES	LEVEL CROSSING	DISTANCE	TYPE
SPENCER JCTN TO KALGOORLIE			
HESSO	Stuart Hwy	148.928	Flashing lights & gongs
PIMBA	Pimba Level Crossing	272.480	Auto gates
PARKESTON	Kanowa Road	1778.530	Flashing lights & gongs
	Bulong Road*	1775.340	Flashing lights & gongs & strobe light
KALGOORLIE	Broad Arrow road	1780.410	Flashing lights & gongs
* = Predictor operated			

3 MELBOURNE TO WOLSELEY

SEGMENT LINES	LEVEL CROSSING	DISTANCE	TYPE
MELBOURNE TO WOLSELEY			
	DYNON	Dock Link Road	3.940
BROOKLYN	Kernot Street	12.528	Auto gates
	Francis Street	14.250	Auto gates
	Somerville Road	15.497	Auto gates
NEWPORT	Champion Road*	11.748	Auto gates
	Maddox Road*	12.312	Auto gates
	Kororoit Creek Road*	15.837	Auto gates
LAVERTON	Maidstone Street*	17.729	Auto gates
	Bruce Street Pedestrian	21.684	Pedestrian Gate
AIRCRAFT	Aviation Road*	22.064	Auto gates
HOPPERS CROSSING	Morris Road* (Old Geelong Road)	27.784	Auto gates
WERRIBEE	Cherry Street*	31.456	Auto gates
	Werribee Street*	32.382	Auto gates
	Browns Road*	35.325	Auto gates
	West's Road*	39.469	Auto gates
LITTLE RIVER	Edgar Road*	47.375	Auto gates
	Plains Road*	53.842	Auto gates
LARA	Windermere Road*	55.910	Auto gates
	McClelland Ave*	57.697	Auto gates
	Canterbury Road*	59.275	Auto gates
CORIO	Grammar School Road*	63.513	Auto gates
	St Georges Road*	65.528	Auto gates
NORTH SHORE	Station Road/North Shore Road*	67.235	Auto gates
NORTH GEELONG "C"	Separation Street*	71.178	Auto gates
	Thompson Road	72.154	Auto gates
	Anakie Road*	73.600	Auto gates
	Evans Road*	76.631	Flashing lights & gongs
	Ballan Road/Steiglitz Road*	77.404	Flashing lights & gongs
INVERLEIGH	Burnside Road	88.370	Flashing lights & gongs
	Hamilton Hwy	95.922	Flashing lights & gongs
	Winchelsea Road*	99.667	Flashing lights & gongs
	Hamiltons Road *	104.100	Flashing lights & gongs
	Wingeel Road (was Mt Hesse Rd)*	117.890	Flashing lights & gongs
	CRESSY	Hamilton Hwy* down approach	137.900
Hamilton Hwy		146.560	Flashing lights & gongs

* = Predictor operated

MELBOURNE TO WOLSELEY (Cont.)

SEGMENT LINES	LEVEL CROSSING	DISTANCE	TYPE
MELBOURNE TO WOLSELEY (Cont.)			
LISMORE	Camperdown Road*	167.934	Flashing lights & gongs
	Hamilton Hwy	175.342	Flashing lights & gongs
NERRIN NERRIN	Lake Bolac Road*	204.221	Flashing lights & gongs
WESTMERE	Glenelg Hwy*	213.365	Flashing lights & gongs
	Streatham Road*	219.287	Flashing lights & gongs
MAROONA	Helendoite Road	244.086	Flashing lights & gongs
	Jacksons Creek Road*	260.686	Flashing lights & gongs
ARARAT	Western Highway	263.773	Flashing lights & gongs
	Alfred Street	263.956	Flashing lights & gongs
STAWELL	Park Road *	267.056	Flashing lights & gongs
	Garden Gully Road *	226.946	Flashing lights & gongs
	Ararat Road	238.872	Flashing lights & gongs
	Sloane Street	240.805	Flashing lights & gongs
	Seaby Street	241.364	Auto gates
	Griffiths Street	241.862	Flashing lights & gongs
	Lake Road	242.101	Flashing lights & gongs
	Deep Lead Road *	247.682	Flashing lights & gongs
DEEP LEAD	Warracknabeal Road	254.785	Flashing lights & gongs
	Warracknabeal Road	259.069	Flashing lights & gongs
	Callawadda Road	261.207	Flashing lights & gongs
	Warracknabeal Road	266.762	Flashing lights & gongs
LUBECK	Horsham Road	281.941	Flashing lights & gongs
MURTOA	Wimmera Hwy*	297.574	Auto gates
	Minyip Road	299.009	Flashing lights & gongs
JUNG	North Jung Road	308.771	Flashing lights & gongs
	Wimmera Hwy	314.072	Flashing lights & gongs
DOOEN	Henty Hwy	319.284	Auto gates
HORSHAM	Rasmussen Road*	322.934	Flashing lights & gongs
	Edith Street	326.048	Flashing lights & gongs
	Hazel Street*	328.245	Auto gates
	* = Predictor operated		

MELBOURNE TO WOLSELEY (Cont.)

SEGMENT LINES	LEVEL CROSSING	DISTANCE	TYPE
MELBOURNE TO WOLSELEY (Cont.)			
DIMBOOLA	High Street/Western Hwy	361.331	Auto gates
	Cemetery Road	363.138	Flashing lights & gongs
	Rainbow Road	364.264	Flashing lights & gongs
GERANG GERUNG	Glenlee Road	378.232	Flashing lights & gongs
SALISBURY	Woorak Road	390.414	Flashing lights & gongs
NHILL	Jeparit Road	397.118	Flashing lights & gongs
	Queen Street	399.016	Flashing lights & gongs
	Davis Ave	399.901	Flashing lights & gongs
	Airport Road	401.242	Flashing lights & gongs
	Yanac Road	406.289	Flashing lights & gongs
DIAPUR	Yanac Road	417.584	Flashing lights & gongs
	Miram Road	420.343	Flashing lights & gongs
MIRAM	Diapur Road	428.509	Flashing lights & gongs
	Kaniva Road	429.572	Flashing lights & gongs
	Farmers Road	438.110	Flashing lights & gongs
KANIVA	Marden Street	438.685	Flashing lights & gongs

4 MILE END TO WOLSELEY

SEGMENT LINES	LEVEL CROSSING	DISTANCE	TYPE	
MILE END TO WOLSELEY	MILE END	Leader Street	4.635	Auto gates
		Victoria Street	5.200	Auto gates
	GOODWOOD	Cross Road	6.915	Auto gates
		Hildra/Sussex Tce	7.250	Auto gates
		Angas Road	8.020	Auto gates
		Grange Road	8.400	Auto gates
		Wattlebury Road	8.790	Auto gates
		Barratts Road	10.520	Auto gates
		Brighton Parade	17.340	Auto gates
	BLACKWOOD	Main Road	17.840	Auto gates
	GLENALTA	Main Road	19.390	Auto gates
	BELAIR	Cricklewood Road *	33.702	Flashing lights & gongs
		Yatina Road *	35.545	Flashing lights & gongs
		Kain Ave *	36.314	Flashing lights & gongs
	BRIDGEWATER	Carey Gully Road *	37.136	Flashing lights & gongs
	BALHANNAH	Woodside Road	44.438	Flashing lights & gongs
		Littlehampton Road *	46.000	Auto gates
	NAIRNE	Woodside Road	55.365	Flashing lights & gongs
		Princes Hwy	55.827	Flashing lights & gongs
		Jeffery Street	56.250	Flashing lights & gongs
		Bartley Road	56.813	Flashing lights & gongs
CALLINGTON	Strathalbyn Tce	72.468	Flashing lights & gongs	
	Woodchester Road	73.198	Flashing lights & gongs	
MONARTO SOUTH	Ferries/McDonald Road	82.450	Flashing lights & gongs	
	Princes Hwy *	84.673	Flashing lights & gongs	
MURRAY BRIDGE	Cypress Tce	94.451	Flashing lights & gongs	
	Mannum Road	95.642	Flashing lights & gongs	
	* = Predictor operated			

MILE END TO WOLSELEY (Cont.)

SEGMENT LINES	LEVEL CROSSING	DISTANCE	TYPE
MILE END TO WOLSELEY (Cont.)			
TAILEM BEND	North Tce	119.978	Auto gates
	Travena Road *	120.760	Auto gates
COONALPYN	Government Road	182.869	Flashing lights & gongs
TINTINARA	Northcote Road	211.057	Flashing lights & gongs
KEITH	Emu Flat Road	247.941	Flashing lights & gongs
	Pinnaroo Road *	282.517	Flashing lights & gongs
BORDERTOWN	McLeod Road	293.215	Flashing lights & gongs
	North Tce	293.661	Flashing lights & gongs
	Crecoona Tce	295.013	Flashing lights & gongs
WOLSELEY			
	* = Predictor operated		

5 MELBOURNE TO ALBURY

SEGMENT LINES	LEVEL CROSSING	DISTANCE	TYPE
MELBOURNE TO ALBURY			
WEST TOWER BOX	Dock Link Road	3.940	Auto gates
SOMERTON	Somerton Road	21.697	Auto gates
CRAIGIEBURN	Summerhill Road*	29.718	Auto gates
	Yan Yean Road*	33.125	Auto gates
DONNYBROOK	Whittlesea Road* (also known as Donnybrook Road)	41.413	Auto gates
WALLAN	Barbers Road	47.244	Auto gates
	Magpie and Stump Road*	50.653	Auto gates
HEATHCOTE JCN	Escrites Road*	53.618	Auto gates
BROADFORD	Dry Creek Road*	70.960	Flashing lights & gongs
	Dockery's Road	85.433	Auto gates
TALLAROOK	Sharps and Taylors Road	87.397	Auto gates
	Schoolhouse lane	94.433	Auto gates
SEYMOUR	Station Entrance	98.592	Auto gates
	High Street	99.772	Auto gates
MANGALORE AVENEL	O'Connors Road	109.657	Flashing lights & gongs
	Avenel Road	114.940	Auto gates to be installed #####
	Ewings Road*	115.634	Flashing lights & gongs
	Bank Street*	116.126	Flashing lights & gongs
LONGWOOD	Nagambie Road	127.376	Flashing lights & gongs
	Down Street	136.541	Flashing lights & gongs
	Creighton Creek Road	143.246	Flashing lights & gongs
EUROA	Birkett Street/Arcadie Road	150.286	Flashing lights & gongs
	Balmattum Road	158.719	Flashing lights & gongs
VIOLET TOWN	Dookie Road	168.314	Flashing lights & gongs
	Station Entrance	169.401	Flashing lights & gongs
	Cowslip Street	169.496	Auto gates
	Hurt Street	171.556	Flashing lights & gongs
	* = Predictor operated		

MELBOURNE TO ALBURY (Cont.)

SEGMENT LINES	LEVEL CROSSING	DISTANCE	TYPE
MELBOURNE TO ALBURY (Cont.)			
BENALLA	Tarnook Road	183.043	Flashing lights & gongs
	Cemetery Road*	191.908	Auto gates
	Faithful Street*	193.320	Auto gates
	Arundel Street*	194.340	Auto gates
	Nunn Street*	195.029	Auto gates
	Witt Street	196.828	Flashing lights & gongs
	Yarrowonga Road	200.614	Flashing lights & gongs
GLENROWAN	Old Hume Hwy	214.913	Flashing lights & gongs
WANGARATTA	Taminick Road	225.640	Flashing lights & gongs
	Gravel Pits Road	229.073	Flashing lights & gongs
	Shanley Street	230.352	Flashing lights & gongs
	Sandford Road	231.132	Flashing lights & gongs
	Sisely Ave	233.087	Auto gates
	Boorhaman Road	238.492	Flashing lights & gongs
	Three Chain Road	240.456	Flashing lights & gongs
	Summers Road*	247.303	Flashing lights & gongs
SPRINGHURST	Cemetery Rd/McMahons Rd*	254.655	Flashing lights & gongs
	Cannings Crossing	258.433	Flashing lights & gongs
CHILTERN	Racecourse Road	269.261	Flashing lights & gongs
	Beechworth Road	270.920	Flashing lights & gongs
	Havelock Street	279.498	Flashing lights & gongs
	Old Hume Hwy	280.680	Flashing lights & gongs
WODONGA	Cochranes Road	294.873	Flashing lights & gongs
	Melrose Drive	299.004	Auto gates
	Kelly Street	299.632	Flashing lights & gongs
	Station Entrance	300.785	Flashing lights & gongs
	High Street/Hume Hwy	300.951	Auto gates
	Howell Street	301.193	Auto gates
	Osburn Street	301.611	Auto gates
ALBURY	Olive Street NSW	647.511	Auto gates
	* = Predictor operated		

6 TARCOOLA TO ALICE SPRINGS - Refer ARG

SEGMENT LINES	LEVEL CROSSING	DISTANCE	TYPE
TARCOOLA TO ALICE SPRINGS	Refer ARG		

7 CRYSTAL BROOK TO BROKEN HILL

SEGMENT LINES	LEVEL CROSSING	DISTANCE	TYPE
CRYSTAL BROOK TO BROKEN HILL			
CRYSTAL BROOK	Weston Road	23.580	Flashing lights & gongs
GLADSTONE	Main Road	43.179	Flashing lights & gongs
	Cross Street	44.202	Flashing lights & gongs
CALTOWIE	Adams Street	54.324	Flashing lights & gongs
	Main Road	60.804	Flashing lights & gongs
JAMESTOWN	Appila Road	71.711	Flashing lights & gongs
	Vohr Street	72.265	Flashing lights & gongs
PETERBOROUGH	Hurlstone Road	109.216	Flashing lights & gongs
	Silver Street*	110.012	Flashing lights & gongs
	Barrier Hwy	124.654	Flashing lights & gongs
MINGARY	Barrier Hwy	309.724	Flashing lights & gongs
	* = Predictor operated		

8 PORT ADELAIDE TO DRY CREEK AREA

SEGMENT LINES	LEVEL CROSSING	DISTANCE	TYPE
PORT ADELAIDE JUNCTION TO DRY CREEK	Russell Street	1.350	Flashing lights & gongs
	Canning Street	1.602	Flashing lights & gongs
	Newcastle Street	1.820	Flashing lights & gongs
	Grand Junction Road	2.338	Auto gates
	Eastern Parade	3.405	Auto gates
	North Arm Road	4.145	Flashing lights & gongs
	Wingfield Road	5.233	Flashing lights & gongs
	South Road	6.477	Auto gates
	Magazine Road North	8.084	Flashing lights & gongs
	Magazine Road South	8.100	Flashing lights & gongs
GILMAN JUNCTION TO PORT FLAT	Bedford Street	-	Traffic lights
	Francis Street	-	Traffic lights
GLANVILLE TO OUTER HARBOR	Victoria Road	14.654	Flashing lights & gongs
	Veitch Road	20.200	Flashing lights & gongs

9 PORT AUGUSTA TO WHYALLA

SEGMENT LINES	LEVEL CROSSING	DISTANCE	TYPE
	Point Lowly Road*	160.792	Flashing lights & gongs
	* = Predictor operated		