

Route Access Standard

DIRN Section Pages D3 - Wolseley to Mile End

Applicability

ARTC Network Wide
SMS

Publication Requirement

External Only

Primary Source

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Document Status

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1.8	Mar 2018	Manager Procedures Development	Stakeholders	Manager Standards	GM Technical Standards

Amendment Record

Amendments to the RAS are published at the following link
https://www.artc.com.au/uploads/RAS_Amendments_Register.xlsx

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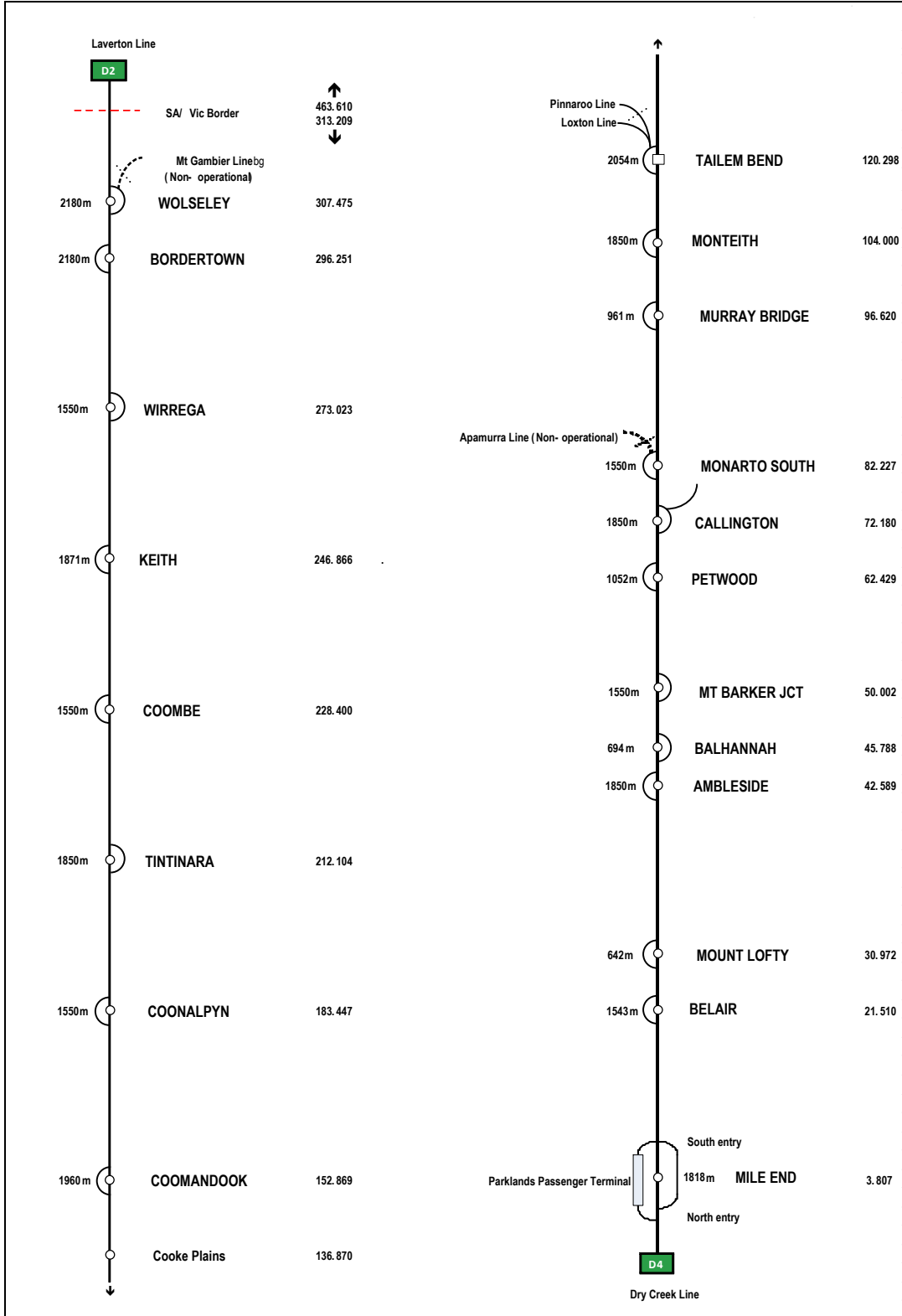
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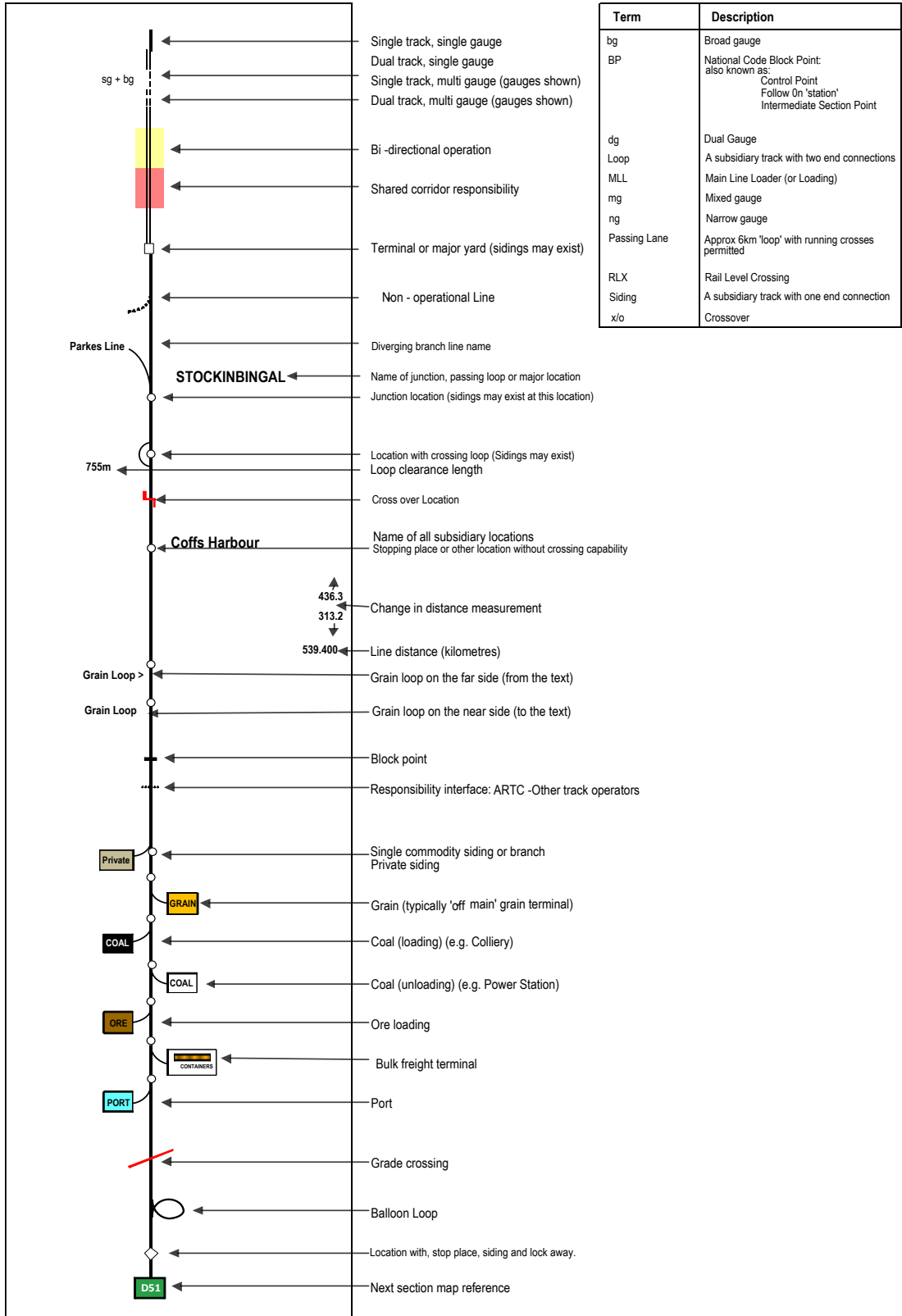
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1 D3-Wolsley to Mile End

NB: These line maps are indicative only and should be reviewed in conjunction with the legend on page 3. For more detailed map information refer to the ARTC website.



2 D3 Legend



Term	Description
bg	Broad gauge
BP	National Code Block Point: also known as: Control Point Follow On 'station' Intermediate Section Point
dg	Dual Gauge
Loop	A subsidiary track with two end connections
MLL	Main Line Loader (or Loading)
mg	Mixed gauge
ng	Narrow gauge
Passing Lane	Approx 6km 'loop' with running crosses permitted
RLX	Rail Level Crossing
Siding	A subsidiary track with one end connection
x/o	Crossover

3 D3 Route Capacity

WOLSELEY – MILE END			
TRAIN TYPE	MAXIMUM SPEED (KM/H)	MAXIMUM AXLE LOAD (TONNES)	
		LOCOS 134T MAXIMUM LOCOMOTIVE WEIGHT	WAGONS
EXPRESS FREIGHT	115	22.8*	20
SUPER FREIGHT	110	22.8*	21
REGULAR FREIGHT	80	22.8*	23
STANDARD FREIGHT	80	22.8*	23
PASSENGER LOCO HAULED	115	22.8*	19

Note:

1. *Route capacity applies where vehicle characteristics and conditions permit.*

** These posted axles load are to account for the variability in axle loads for some classes of locomotive. The maximum locomotive weight must still be adhered to.*

4 D3 Special Access Conditions

4.1 Clearance for Long Bogie Centre, Low Profile Wagons (Mile End to Dynon)

The following applies to the conveyance of 53 ft by 10 ft 6 in boxes on long bogie centre, low profile wagons (e.g. RQDW, VQDW, AQDW type – 1020 mm deck height and former 80 ft container wagons):

- The maximum height is 4210 mm and the maximum width is 2500 mm.
- Applies to wagons with bogie centres 17.3 m and an overall length of 24.680 m.
- Wagon(s) must be loaded centrally with 53 ft box and final outline to fit within the above dimensions to compensate for the inswing.

Speed restrictions of 25 km/h apply through tunnels at the following locations:

- Main Line (Mile End to Dynon) Bunbury Street tunnel
- Ambleside (Balhannah)
- Long Gully (Adelaide Hills)
- National Park (Adelaide Hills).

4.2 Clearances for Short Bogie Centre Grain Hoppers (Adelaide to Wolseley)

The following permitted infringements on Railways of Australia rolling stock outline plate D (alternate principal maximum rolling stock outline) are allowable for hopper wagons with bogie centres 10173 mm and an overall length of 12979 mm over headstocks:

- From 1598 mm to 2898 mm high from rail level, the maximum allowable width is:
 - 3050 mm (1525 mm from centre line) at 1598 mm high from rail
 - increasing to 3200 mm (1600 mm from centre line) wide at 2248 mm high from rail
 - decreasing to 3050 mm (1525 mm from centre line) wide at 2898 mm high from rail
- From 3835 mm to 3935 mm high from rail level, the maximum allowable width is 2710 mm (1355 mm from the centre line).

Typical wagons are WW class grain hoppers (as modified to comply with the permitted infringements).

Wagons operating with the above infringement shall be clearly identified and managed by the Operator.

All other provisions of RISSB rolling stock outlines apply.

5 D3 Permanent Speed Restrictions

MILE END – WOLSELEY			
LINE SEGMENT	EXCEPTION TO MAXIMUM SPEEDS LOCATION		RESTRICTED SPEED
MILE END	3.590 KM	3.930 KM	40
	3.930 KM	5.190 KM	90
COUNTDOWN DISTANCE MARKER BOARDS ALSO INSTALLED ON APPROACH TO NR4			
GOODWOOD JUNC	5.190 KM	8.310 KM	90
	8.310 KM	8.840 KM	60
	8.840 KM	11.240 KM	90
	11.240 KM	12.830 KM	70
	12.830 KM	19.750 KM	60
	19.750 KM	21.800 KM	55
BELAIR	21.800 KM	23.020 KM	75
	23.020 KM	31.340 KM	50
MT LOFTY	31.340 KM	39.650 KM	55
	39.650 KM	42.685 KM	50
	42.700 KM	45.200 KM	60
	45.200 KM	45.700 KM	50
BALHANNAH	45.700 KM	49.460 KM	75
	49.460 KM	52.400 KM	55
	52.400 KM	52.630 KM	50
	52.630 KM	54.570 KM	55
	54.570 KM	59.330 KM	65
	59.330 KM	59.770 KM	60
PETWOOD	59.770 KM	62.000 KM	65
	62.000 KM	62.600 KM	55
	62.600 KM	66.500 KM	60
	66.500 KM	72.010 KM	75
	72.010 KM	72.860 KM	100
	72.860 KM	75.810 KM	105
MONARTO SOUTH	75.810 KM	77.110 KM	70 (115 TO MELBOURNE)
	85.080 KM	89.060 KM	105 (115 TO ADELAIDE)
	89.060 KM	91.630 KM	60
	91.630 KM	91.800 KM	75

MILE END – WOLSELEY			
	91.800 KM	96.210 KM	100
MURRAY BRIDGE	96.210 KM	96.700 KM	60
	96.700 KM	98.100 KM	50
	98.100 KM	99.820 KM	70 (115 TO MELBOURNE)
TAILEM BEND			
COOMANDOOK	152.869		
COONALPYN			
TINTINARA	212.104		
COOMBE			
KEITH	246.866		
WIRREGA			
BORDERTOWN	294.070	294.640	75
	294.640	295.610	100
	300.800	301.440	100
WOLSELEY			