

D15 Broken Hill – Crystal Brook

RAS DIRN Section Page

Applicability

ARTC Network Wide

SMS

Publication Requirement

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Previous Section Page version + RACNs

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Amendment Record

Amendments to the RAS are published at the following link

<https://www.artc.com.au/uploads/RAS-Amendment-Register-Master.xlsx>

All changes in this document are highlighted with this colour

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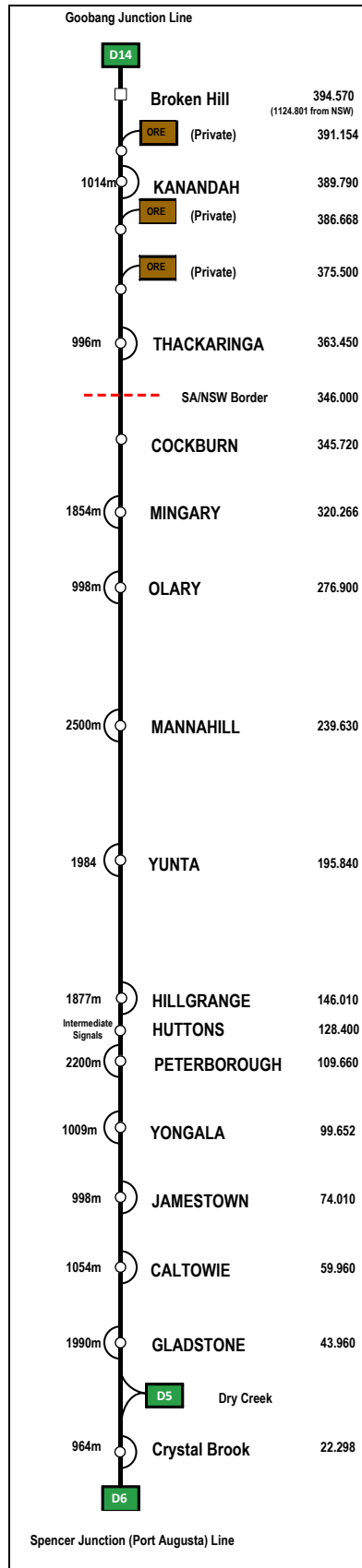
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1 Network Diagram

NB: These line maps are indicative only.



2 Route Capacity

BROKEN HILL – PETERBOROUGH			
TRAIN TYPE	MAXIMUM SPEED	MAXIMUM AXLE LOAD (TONNES)	
	(KM/H)	LOCOS	WAGONS
		134T MAXIMUM LOCOMOTIVE WEIGHT	
FREIGHT	115	22.8*	21
	100	22.8*	23
	80	22.8*	25
PASSENGER		LOCOS	CARRIAGES
LOCO HAULED	115	22.8*	19
PETERBOROUGH – CRYSTAL BROOK			
TRAIN TYPE	MAXIMUM SPEED	MAXIMUM AXLE LOAD (TONNES)	
	(KM/H)	LOCOS	WAGONS
		134T MAXIMUM LOCOMOTIVE WEIGHT	
FREIGHT	110	22.8*	20
	110 (LX SIGHTING DISTANCE)	22.8*	21
	100	22.8*	23
	80	22.8*	25
PASSENGER		LOCOS	CARRIAGES
LOCO HAULED	110	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.

3 Permanent Speed Restrictions

CRYSTAL BROOK – BROKEN HILL			
LINE SEGMENT	EXCEPTION TO MAXIMUM SPEEDS LOCATION		RESTRICTED SPEED
COONAMIA		27.160 KM	90
CRYSTAL BROOK	27.220 KM*	41.220 KM	100
	42.950 KM	43.520 KM	40
GLADSTONE YARD	THROUGH GLADSTONE YARD		
	44.050 KM*	45.040 KM	100
	58.370 KM*	59.700 KM	90
CALTOWIE	60.540 KM	60.810 KM	80
	60.570 KM#	#SPEEDS APPLIES TO EXIT OUT OF THE CROSSING LOOP NO13 POINTS	30
	60.570 KM#	#SPEEDS APPLIES TO ENTRY INTO THE CROSSING LOOP NO13 POINTS	25
	60.880 KM*	61.370 KM	90
	63.130 KM	64.080 KM	110
	JAMESTOWN	71.880 KM*	73.620 KM
	74.600 KM#	#SPEED APPLIES INTO AND OUT OF CROSSING LOOP. NO 14 POINTS	30
YONGALA	100.200 KM#	#SPEED APPLIES INTO AND OUT OF CROSSING LOOP. NO 13 POINTS	30
	107.820 KM	108.000 KM	100
	108.050 KM*	111.410 KM	65
	THROUGH PETERBOROUGH YARD		
PETERBOROUGH	111.760 KM*	115.900 KM	100
	116.420 KM*	117.450 KM	90
	196.400 KM*	197.610 KM	100
YUNTA	239.010 KM	239.210 KM	100
YUNTA LOOP	196.480KM	#SPEEDS APPLIES INTO AND OUT OF	30

CRYSTAL BROOK – BROKEN HILL			
LINE SEGMENT	EXCEPTION TO MAXIMUM SPEEDS LOCATION		RESTRICTED SPEED
		CROSSING LOOP. NO14 POINTS	
MANNAHILL	390.500 KM	392.160 KM	80
	MAIN LINE BROKEN HILL YARD		65
BROKEN HILL	* ON CURVES BETWEEN		

4 Significant Kilometre Markings

The following locations on the network have kilometre posts that change on the ground and do not follow the measured distance between kilometre posts:

Coonamia to Broken Hill;

- Coonamia 0 km increasing to 56 Signal (Broken Hill).