

# I4 Gap - Narwonah

## RAS IN Section Page

**Applicability**

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ARTC Network Wide

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SMS

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**Publication Requirement**

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Internal / External

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**Primary Source**

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**Document Status**

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2.1	10 Feb 22	Operations Standards	Stakeholders	Operations Standards Manager	A/GM Technical Standards 11/02/2022

**Amendment Record**

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**Amendments to the RAS are published at the following link**

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

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All changes in this document are highlighted with this colour

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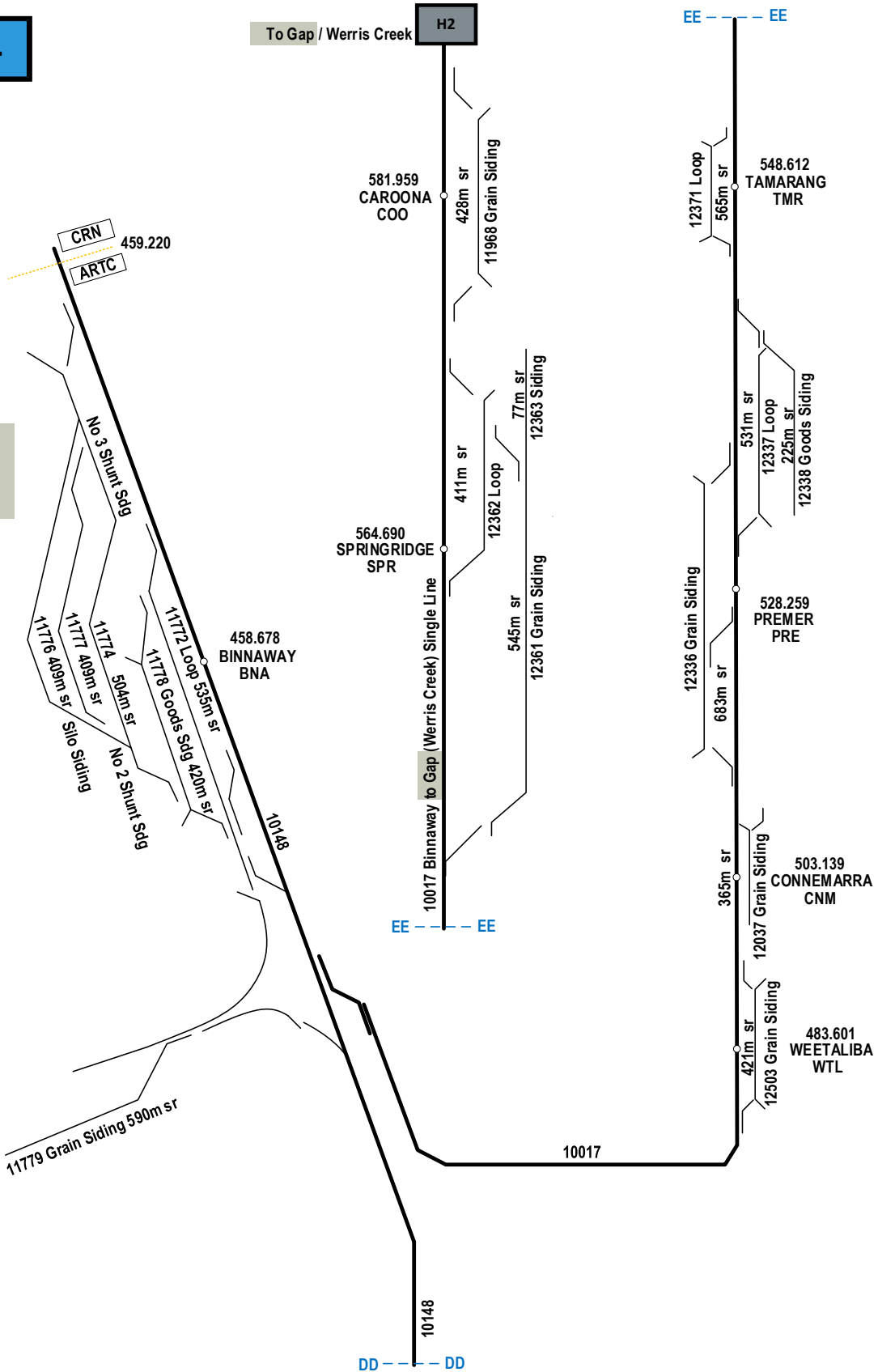
## Table of Contents

Table of Contents .....	2
1 Network Diagram .....	3
2 Route Capacity .....	6
3 Permanent Speed Restrictions .....	8

1 Network Diagram

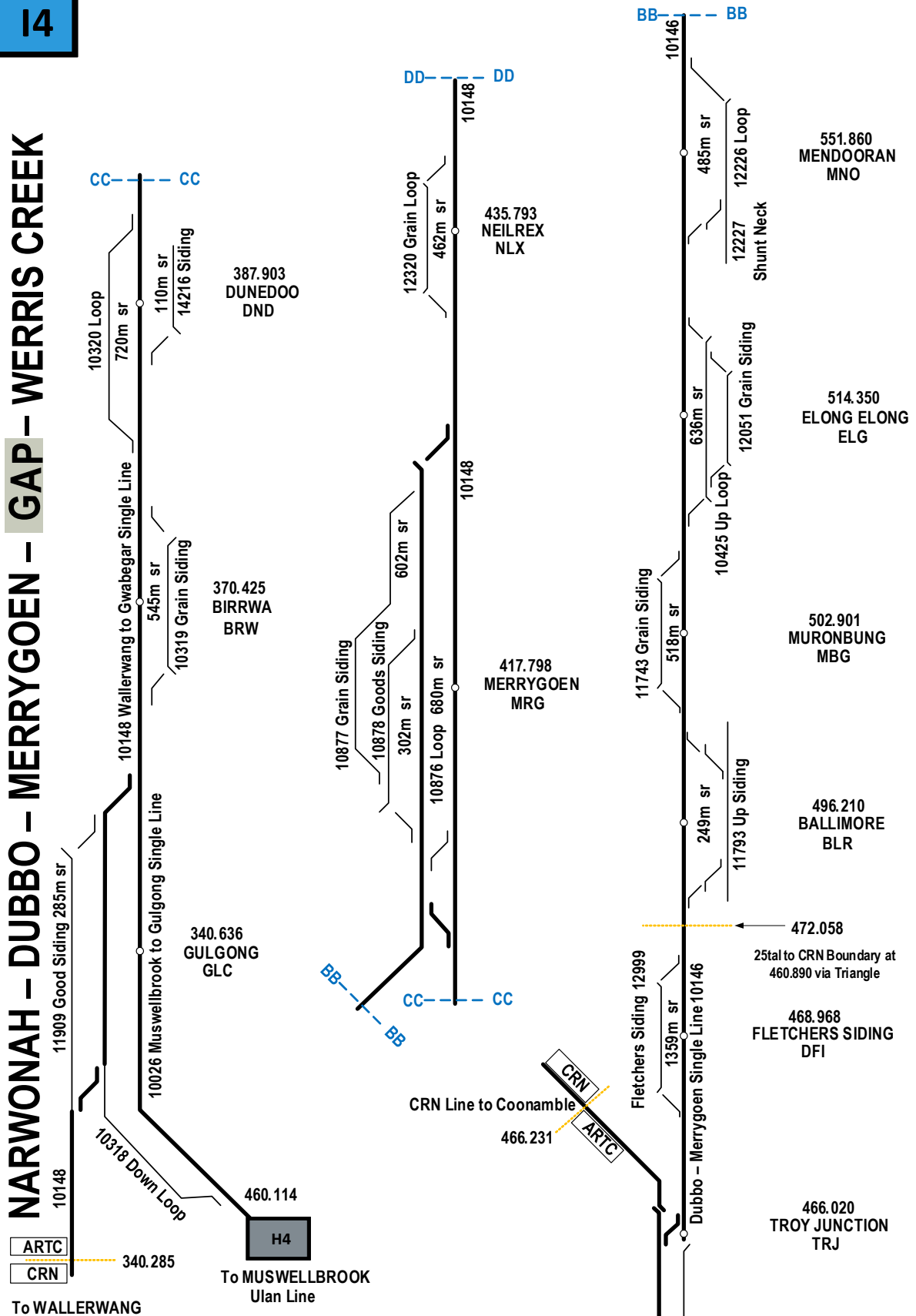
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NARWONAH – DUBBO – MERRYGOEN – GAP – WERRIS CREEK



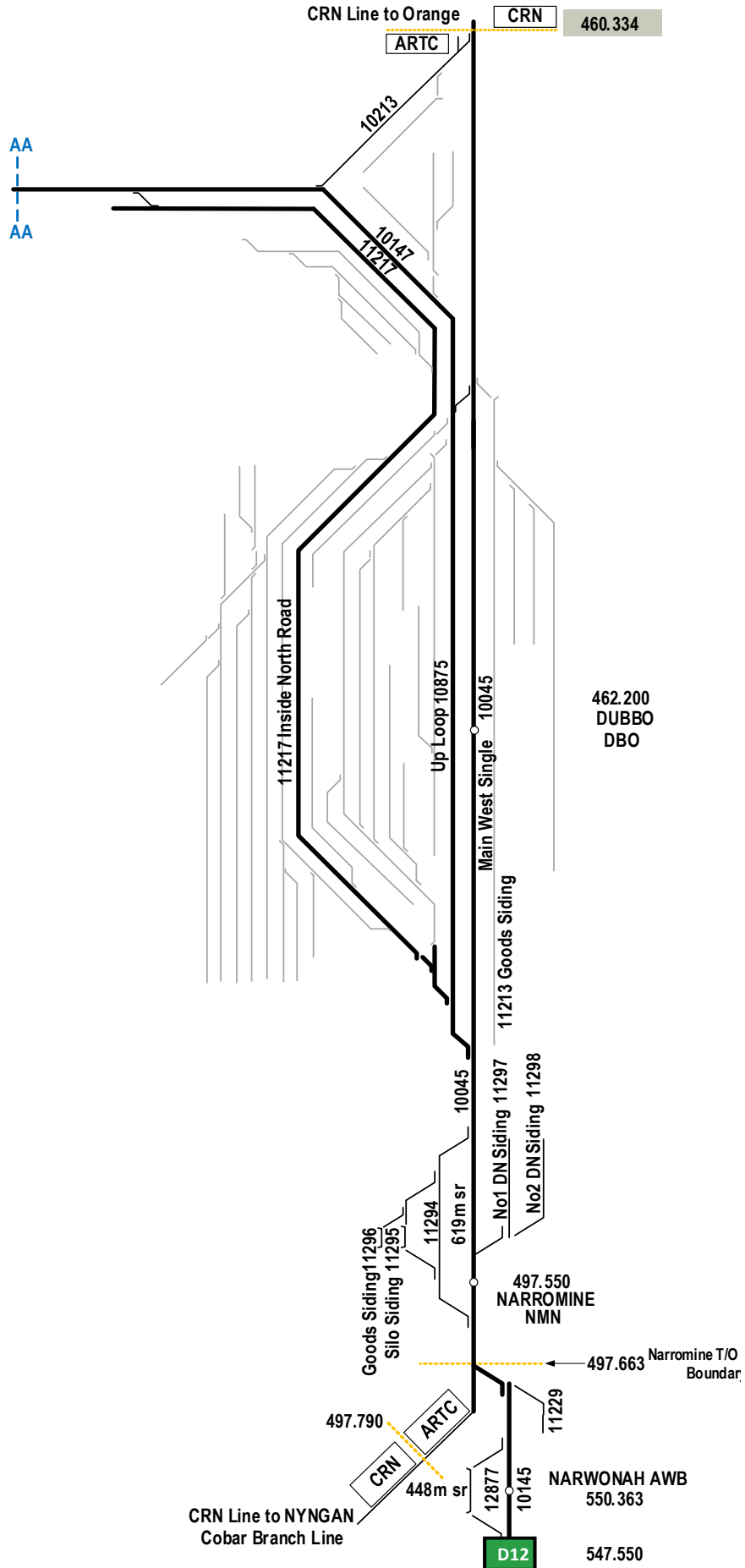
**14**

**NARWONAH – DUBBO – MERRYGOEN – GAP – WERRIS CREEK**



**14**

**NARWONAH – DUBBO – MERRYGOEN – GAP – WERRIS CREEK**



## 2 Route Capacity

<b>GAP – MERRYGOEN</b>			
<b>TRAIN TYPE</b>	<b>MAXIMUM SPEED</b>	<b>MAXIMUM AXLE LOAD (TONNES)</b>	
<b>FREIGHT</b>	<b>(KM/H)</b>	<b>LOCOS</b>	<b>WAGONS</b>
	100	19	19.5
	80	22.3	19.5
	70	22.3	20.25
	60	22.8	20.25
<b>PASSENGER</b>	<b>(KM/H)</b>	<b>LOCOS</b>	<b>CARRIAGES</b>
EXPRESS PASSENGER TRAIN	100	N/A	N/A
XPLORER	100	N/A	N/A
DIESEL HAUL	100	N/A	19
<b>MERRYGOEN – NARWONAH 547.550km</b>			
<b>TRAIN TYPE</b>	<b>MAXIMUM SPEED</b>	<b>MAXIMUM AXLE LOAD (TONNES)</b>	
<b>FREIGHT</b>	<b>(KM/H)</b>	<b>LOCOS</b>	<b>WAGONS</b>
	100	19	19.5
	80	22.3	19.5
	70	22.3	20.25
	60	22.8	20.25
<b>PASSENGER</b>	<b>(KM/H)</b>	<b>LOCOS</b>	<b>CARRIAGES</b>
EXPRESS PASSENGER TRAIN	100	N/A	N/A
XPLORER	100	N/A	N/A
DIESEL HAUL	100	19	19

*Note: Route capacity applies where vehicle characteristics and conditions permit.*

<b>NARROMINE 497.633 – CRN Boundary 497.790 (Cobar Branch Line)</b>			
<b>TRAIN TYPE</b>	<b>MAXIMUM SPEED</b>	<b>MAXIMUM AXLE LOAD (TONNES)</b>	
<b>FREIGHT</b>	<b>(KM/H)</b>	<b>LOCOS</b>	<b>WAGONS</b>
	100	19	19
	80	22.3	19.5
	70	22.3	20.25
	60	22.8	20.25
<b>PASSENGER</b>	<b>(KM/H)</b>	<b>LOCOS</b>	<b>CARRIAGES</b>
EXPRESS PASSENGER TRAIN	100	N/A	N/A
XPLOERER	100	N/A	N/A
DIESEL HAUL	100	19	19

*Note: Route capacity applies where vehicle characteristics and conditions permit.*

<b>FLETCHERS SIDING 472.058 – CRN Boundary 460.334 (Via Triangle Loop)</b>			
<b>TRAIN TYPE</b>	<b>MAXIMUM SPEED</b>	<b>MAXIMUM AXLE LOAD (TONNES)</b>	
<b>FREIGHT</b>	<b>(KM/H)</b>	<b>LOCOS</b>	<b>WAGONS</b>
	20	22.8	25.0

### 3 Permanent Speed Restrictions

DUBBO – GAP					
LOCATION	KILOMETRAGE	DOWN		UP	
		NORMAL	EXPRESS PASSENGER TRAIN	NORMAL	EXPRESS PASSENGER TRAIN
CRN LINE ORANGE	322.624				
END KM FOR CRN	460.334				
DUBBO	460.740	50	55	-	-
	461.306			55	60
	461.550			50	55
	461.700	-	-	50	55
	462.000	80	70	-	-
	462.209				
	462.800	30	-	-	-
	463.330	75	-	30	-
	464.416	80	-	75	-
	465.970	X25	-	-	-
	466.140	-	-	X25	-
	466.650	-	-	80	-
DUBBO TRIANGLE LOOP	461.306	-	-	X40 (112 PTS)	-
	461.381	40	-	-	-
	461.830	-	-	40	-
	463.235	-	-	X40 (114 PTS)	-
TROY JUNCTION	466.700				
	466.910	70	-	-	-
	467.150	50 (LX)	-	-	-
	467.390	-	-	70	-
	467.550	100	-	-	-
	479.940	-	-	100	-
	480.450	30	-	-	-
	480.580	-	-	30	-



DUBBO – GAP					
LOCATION	KILOMETRAGE	DOWN		UP	
		NORMAL	EXPRESS PASSENGER TRAIN	NORMAL	EXPRESS PASSENGER TRAIN
	481.400	100	-	-	-
	485.370	-	-	100	-
	485.770	75	-	-	-
	487.330	-	-	75	-
	487.490	100	-	-	-
	495.330	-	-	100	-
	495.440	75	-	-	-
	495.980	100	-	75	-
BALLIMORE	496.213				
	499.240	-	-	100	-
	499.400	75	-	-	-
	500.000	-	-	75	-
	500.100	100	-	-	-
MORONBUNG	502.901				
	503.750	-	-	100	-
	504.610	70	-	-	-
	508.680	-	-	70	-
	509.080	40	-	-	-
	509.150	-	-	40	-
	509.700	100	-	-	-
ELONG ELONG	514.351				
	515.650	30	-	100	-
	515.780	100	-	30	-
	523.670	-	-	100	-
	524.070	40	-	-	-
	524.130	-	-	40	-
	524.430	70	-	-	-
	525.687	-	-	100	-
	525.987	65	-	-	-
	528.030	-	-	65	-
	528.207	70	-	-	-
	529.530	-	-	75	-

DUBBO – GAP					
LOCATION	KILOMETRAGE	DOWN		UP	
		NORMAL	EXPRESS PASSENGER TRAIN	NORMAL	EXPRESS PASSENGER TRAIN
	529.950	90	-	-	-
	533.420	-	-	90	-
	533.580	70	-	-	-
	544.480	-	-	70	-
	544.640	100	-	-	-
	550.920	-	-	100	-
	551.020	75	-	-	-
MENDOORAN	551.863				
	552.040	30 (CLX)	-	-	-
	552.310	-	-	75	-
	553.420	100	-	-	-
	557.580	-	-	100	-
	557.740	75	-	-	-
	558.280	-	-	75	-
	558.360	100	-	-	-
	560.000	25	-	-	-
	560.350	-	-	100	-
	562.110	15	-	-	-
	562.260	-	-	50	-
MERRYGOEN	562.590 (VIA DUBBO)				
	417.798 (VIA MUDGEES)				
	418.530	75	-	-	-
	424.080	-	-	75	-
	424.500	100	-	-	-
	429.350	-	-	100	-
	429.450	75	-	-	-
	430.620	-	-	75	-
	430.700	100	-	-	-
	432.210	-	-	100	-
	432.290	75	-	-	-
	432.910	-	-	75	-
	432.990	100	-	-	-

DUBBO – GAP					
LOCATION	KILOMETRAGE	DOWN		UP	
		NORMAL	EXPRESS PASSENGER TRAIN	NORMAL	EXPRESS PASSENGER TRAIN
	434.860	-	-	100	-
	434.950	75	-	-	-
	435.530	-	-	75	-
NEILREX	435.793				
	435.715	-	-	100	-
	435.870	100	-	-	-
	436.365	40	-	-	-
	436.425	-	-	40	-
	437.075	100	-	-	-
	439.713	-	-	100	-
	440.013	85	-	-	-
	443.891	-	-	85	-
	444.191	100	-	-	-
	446.710	-	-	100	-
	446.770	80	-	-	-
	449.250	-	-	80	-
	449.610	60	-	-	-
	449.970	-	-	60	-
	450.620	100	-	-	-
	452.845	80	-	100	-
	453.495	-	-	-	-
	453.565	-	-	-	-
	454.215	-	-	-	-
	454.920	-	-	80	-
	455.020	75	-	-	-
	456.600	25			
	458.050	15			
	458.240	-	-	75	-
BINNAWAY	458.678				
	459.206	75	-	-	-
	459.241	-	-	15	-
	460.470	-	-	25	-

DUBBO – GAP					
LOCATION	KILOMETRAGE	DOWN		UP	
		NORMAL	EXPRESS PASSENGER TRAIN	NORMAL	EXPRESS PASSENGER TRAIN
	461.359	100	-	75	-
	467.675	75	-	100	-
	469.790	100	-	75	-
WEETALIBA	483.601				
	484.670	-	-	100	-
	485.320	40	-	-	-
	485.385	-	-	40	-
	486.035	100	-	-	-
	496.684	90	-	100	-
	497.569	100	-	90	-
	500.385	75	-	100	-
CONNEMARRA	503.139				
	515.392	60	-	75	-
	521.327	75	-	60	-
	524.385	90	-	75	-
	525.581	-	-	90	-
	525.881	75	-	-	-
	526.985	-	-	75	-
	527.285	90	-	-	-
	528.174	-	-	90	-
PREMER	528.259				
	528.428	70	-	-	-
	529.020	-	-	70	-
	529.670	40	-	-	-
	530.030	-	-	40	-
	530.680	100	-	-	-
	531.230	-	-	100	-
	531.880	40	-	-	-
	531.985	-	-	40	-
	532.635	100	-	-	-
TAMARANG	548.612				
SPRINGRIDGE	564.690				

DUBBO – GAP					
LOCATION	KILOMETRAGE	DOWN		UP	
		NORMAL	EXPRESS PASSENGER TRAIN	NORMAL	EXPRESS PASSENGER TRAIN
	581.102	-	-	100	-
	581.402	85	-	-	-
CAROONA	581.959				
	582.896	-	-	85	-
	583.196	100	-	-	-
	597.972	75	-	100	-
	598.844	-	-	75	-
	599.078	65	-	-	-
	599.874	-	-	65	-
GAP	600.305				

DUBBO – NARWONAH 547.550km					
LOCATION	KILOMETRAGE	DOWN		UP	
		NORMAL	PASSENGER	NORMAL	PASSENGER
ORANGE	461.700	-	-	50	55
	462.000	80	70	-	-
DUBBO	462.209	-	-	-	-
	462.690	70	-	-	-
	462.725	15	-	70	-
	463.340	-	-	15	-
	463.370	100	-	-	-
	471.200	-	-	100	-
	471.490	95	-	-	-
	471.800	-	-	95	-
	472.100	100	-	-	-
MINORE	476.695				
(MANILDRA ST CROSSING @ 496.784)	495.987	-	-	-	115
NARROMINE	497.554				
	497.800	100	-	-	-
	556.999				

DUBBO – NARWONAH 547.550km					
LOCATION	KILOMETRAGE	DOWN		UP	
		NORMAL	PASSENGER	NORMAL	PASSENGER
	556.600	-	-	55	-
	555.900	55	-		-
	555.770	-	-	90	-
	554.000	90			
	553.250	-	-	75	-
	552.510	-	-	100	-
	550.482	75	-	-	-
NARWONAH AWB	550.134				
	548.800	100	100		
	548.600			115	115
End of Section	547.550				