

Route Access Standard

HHN Section Pages H4 - Muswellbrook to Ulan Balloon Loop

Applicability

ARTC Network Wide

SMS

Publication Requirement

External Only

Primary Source

Document Status

Version #	Date Reviewed	Prepared by	Reviewed by	Endorsed	Approved
2.0	Jan 2019	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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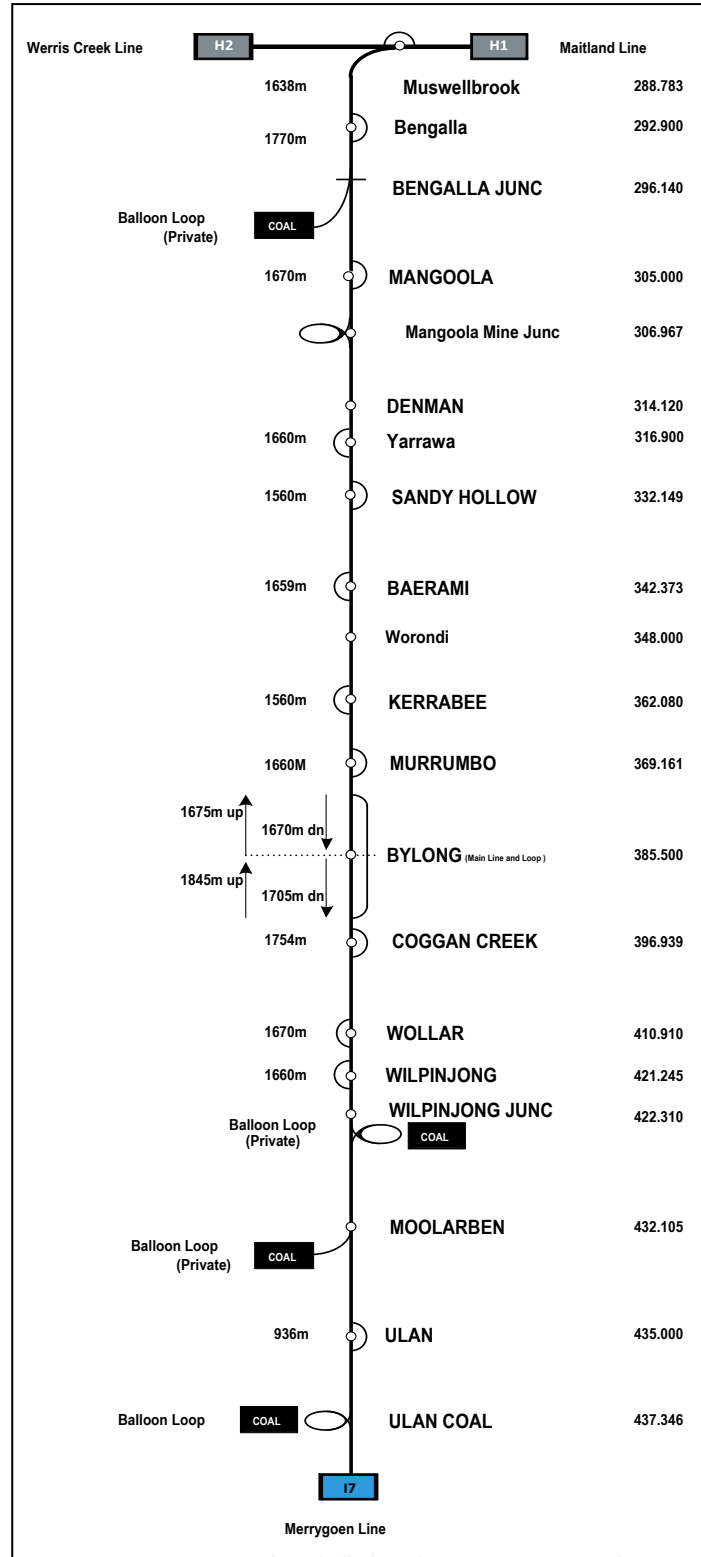
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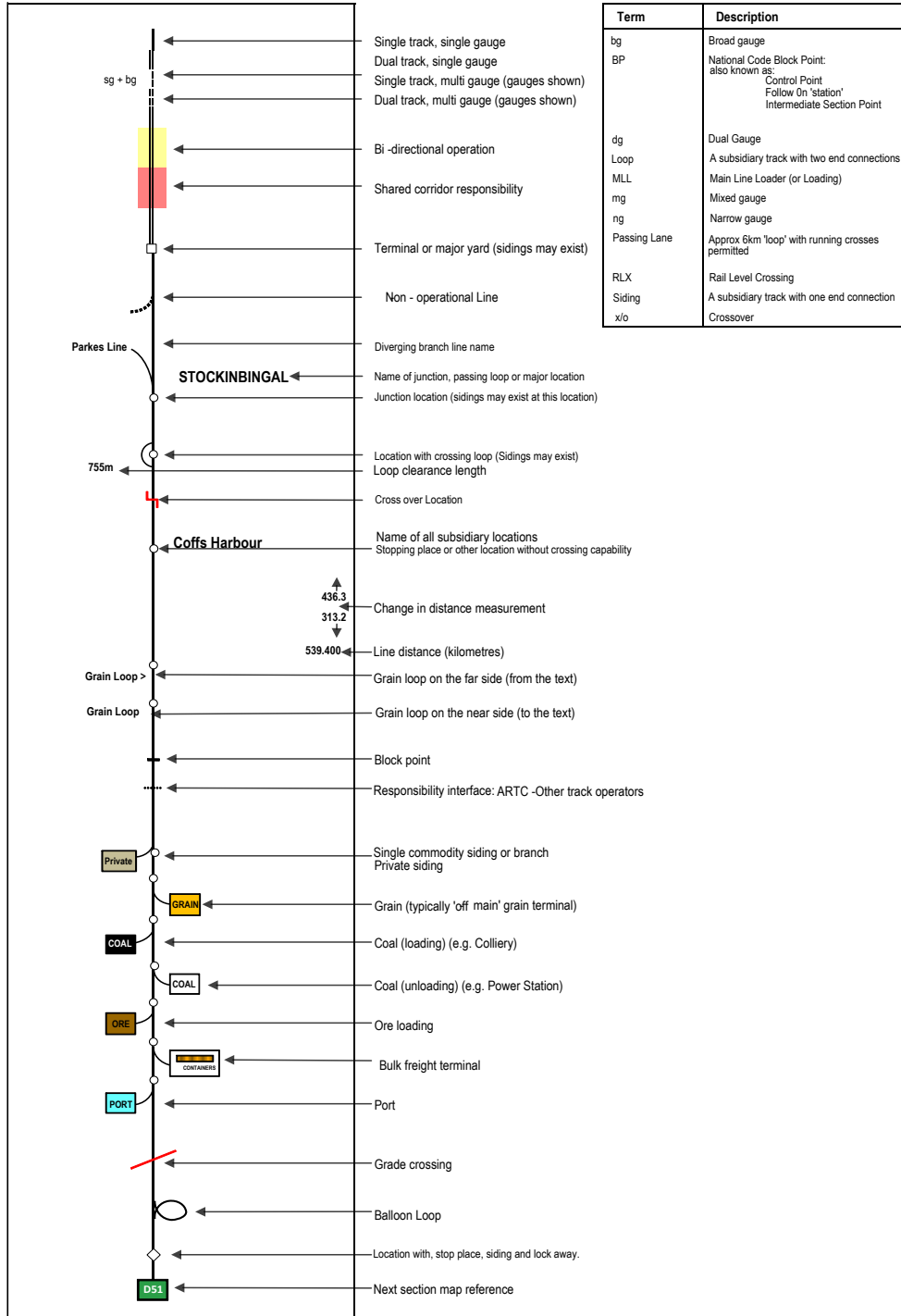
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1 Muswellbrook to Ulan Balloon Loop

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 Legend



3 Route Capacity

MUSWELLBROOK – ULAN BALLOON LOOP			
TRAIN TYPE	MAXIMUM SPEED	MAXIMUM AXLE LOAD (TONNES)	
	(KM/H)	LOCOS	WAGONS
FREIGHT	115	22.8	19.5
	100	22.8	21
	80	29.3	25
	60	29.3	30
PASSENGER			
XPT	N/A	N/A	
XPLORER	N/A	N/A	
DIESEL HAUL	115	19	

4 Special Access Conditions

4.1 Location of Emergency Telephones

Phones are provided at two kilometre intervals between Muswellbrook and Ulan. Additional telephone plug in boxes are provided (connected to the train control circuit to Muswellbrook) at each of the releasing switches at Sandy Hollow, Karrabee, Coggan Creek and Ulan.

4.2 Air Breathing Apparatus for Use in Bylong Tunnel

Operators must ensure that persons who travel in the lead locomotive of a train hauled by two or more diesel locomotives are trained and are in possession of approved self-rescue air breathing apparatus.

The equipment owner should have their own procedures for use of the Air Breathing Apparatus. They must also have in place a procedure for evacuation from the tunnel and a safe working procedure for work within the tunnel.

Operators must ensure that no person is permitted to travel in any cabin other than the lead locomotive cabin unless they are equipped with, and wearing, approved breathing apparatus while in the tunnel.

On approach to the Bylong tunnel, train crews must close all locomotive doors and windows and switch off air conditioning units.

Except in an emergency situation, Network Controllers must not signal trains into the tunnel if it will result in a train stopping with its locomotives inside the tunnel.

5 Location of Speed Signs

MUSWELLBROOK – GULGONG					
LOCATION	TRACK	KILOMETRAGE	LINE SPEED		COMMENTS
			DOWN	UP	
MUSWELLBROOK		288.783			
	DOWN MAIN	288.800			X80 (88 PTS)
	DOWN MAIN	288.800			80
	ULAN LINE	289.210			50
	ULAN LINE	290.800			90
	ULAN LINE	291.000		75	
	ULAN LINE	291.850		X80 (91 PTS)	
	ULAN LINE	291.900			75
	DOWN LOOP	292.060		80	X80 (91 PTS)
	ULAN LINE	292.300		90	
BENGALLA		292.900			
	DOWN LOOP	293.740		X80 (92 PTS)	80
	ULAN LINE	293.950			X80 (92 PTS)
	ULAN LINE	294.087		X50 (93 PTS)	
BENGALLA COAL JUNCTION		294.135			
	BENGALLA COAL BRANCH	294.250			X50 (93 PTS)
	ULAN LINE	296.703			90
	ULAN LINE	297.121		X60 (95 PTS)	
MT PLEASANT COAL JUNCTION		297.122			
	ULAN LINE	297.450		70	
	ULAN LINE	298.730			70
	ULAN LINE	299.381		80	
	ULAN LINE	303.000			80
	ULAN LINE	303.300		105	
	ULAN LINE	304.153			105
	ULAN LINE	304.325		X60 (51 PTS)	
	DOWN LOOP	304.525		60	X60 (51 PTS)
	MANGOOLA		305.400		
DOWN LOOP		306.228		X60 (52 PTS)	60
ULAN LINE		306.430			X60 (52 PTS)
ULAN LINE		306.952		X25 (53 PTS)	
MANGOOLA COAL JUNCTION		306.966			
	MANGOOLA COAL BRANCH	307.250		75	X25 (53 PTS)
	ULAN LINE	309.700			115

MUSWELLBROOK – GULGONG						
LOCATION	TRACK	KILOMETRAGE	LINE SPEED		COMMENTS	
			DOWN	UP		
DENMAN	ULAN LINE	310.160	80			
	ULAN LINE	313.650	85			
	ULAN LINE	314.073			80	
			314.120			
	ULAN LINE	314.423	70			
	ULAN LINE	315.767	X70 (51 PTS)			
	UP LOOP	315.960	70	X70 (51 PTS)		
YARRAWA	ULAN LINE	316.501			85	
			317.000			
	ULAN LINE	317.100	60			
	UP LOOP	317.881	X60 (52 PTS)	60		
	ULAN LINE	318.037			X60 (52 PTS)	
	ULAN LINE	318.420			60	
	ULAN LINE	319.533	65			
	ULAN LINE	323.140			65	
	ULAN LINE	324.240	70			
	ULAN LINE	326.200			70	
	ULAN LINE	326.587	60			
	ULAN LINE	327.148			60	
	ULAN LINE	327.744	115			
	ULAN LINE	331.701			115	
	ULAN LINE	332.007	70			
SANDY HOLLOW			332.149			
	ULAN LINE	332.620			70	
	ULAN LINE	333.002	85			
	ULAN LINE	335.603			85	
	ULAN LINE	336.189	100			
	ULAN LINE	338.000			100	
	ULAN LINE	338.488	65			
	ULAN LINE	339.400			65	
	ULAN LINE	339.750	75			
	ULAN LINE	342.362	X75 (51 PTS)			
	ULAN LINE	342.400			75	
	UP LOOP	342.410	75	X75 (51 PTS)		
	ULAN LINE	342.680	80			
	BAERAMI			343.300		
UP LOOP		344.111	X80 (52 PTS)	80		
ULAN LINE		344.260			X80 (52 PTS)	
ULAN LINE		348.080	70	80		

MUSWELLBROOK – GULGONG					
LOCATION	TRACK	KILOMETRAGE	LINE SPEED		COMMENTS
			DOWN	UP	
	ULAN LINE	351.603		70	
	ULAN LINE	351.948	80		
	ULAN LINE	353.800		80	
	ULAN LINE	354.047	70		
	ULAN LINE	354.600		70	
	ULAN LINE	355.200	85		
	ULAN LINE	358.700		85	
	ULAN LINE	359.081	75		
	ULAN LINE	360.300		75	
	ULAN LINE	360.738	65		
KERRABEE		362.080			
	ULAN LINE	362.200		65	
	ULAN LINE	363.680	75		
	ULAN LINE	367.233		75	
	ULAN LINE	367.260	65		
	ULAN LINE	368.744		65	
	ULAN LINE	369.121	80		
	ULAN LINE	369.151	X80 (51 PTS)		
	DOWN LOOP	369.312	80	X80 (51 PTS)	
MURRUMBO		370.000			
	DOWN LOOP	370.940	X80 (52 PTS)		80
	ULAN LINE	371.100		X80 (52 PTS)	
	ULAN LINE	373.000		80	
	ULAN LINE	373.417	70		
	ULAN LINE	377.100		70	
	ULAN LINE	377.782	60		
	ULAN LINE	379.500		60	
	ULAN LINE	379.811	65		
	ULAN LINE	381.248		65	
	ULAN LINE	381.600	75		
	ULAN LINE	382.269	X55 (51 PTS)		
	DOWN LOOP	382.410	55	X55 (51 PTS)	
	DOWN LOOP	384.110	70	55	
	ULAN LINE	385.000		75	
	ULAN LINE	385.441	70		
BYLONG		385.450			
	DOWN LOOP	385.995	x25 (52 PTS)		
	DOWN LOOP	386.000		70	
	MACHINE SIDING	386.085	25	x25 (52 PTS)	

MUSWELLBROOK – GULGONG					
LOCATION	TRACK	KILOMETRAGE	LINE SPEED		COMMENTS
			DOWN	UP	
	DOWN LOOP	386.510	X70 (53 PTS)	70	
	ULAN LINE	386.700		X70 (53 PTS)	
	ULAN LINE	387.000		70	
	ULAN LINE	387.850	115		
	ULAN LINE	390.282		115	
	ULAN LINE	390.585	70		
	ULAN LINE	392.810		70	
	ULAN LINE	393.039	60		
	ULAN LINE	393.967		60	
	ULAN LINE	394.400	95		
COGGAN CREEK		397.350			
	ULAN LINE	398.500		95	
	ULAN LINE	399.000	65		
	ULAN LINE	400.569		65	
	ULAN LINE	401.000	75		
	ULAN LINE	407.300		75	
	ULAN LINE	408.052	65		
	ULAN LINE	408.833		65	
	ULAN LINE	409.500	80		
	ULAN LINE	409.744	X70 (51 PTS)		
	UP LOOP	409.957	70	X70 (51 PTS)	
WOLLAR		410.800			
	UP LOOP	411.721	X70 (52 PTS)	70	
	ULAN LINE	411.824		X70 (52 PTS)	
	ULAN LINE	414.350		80	
	ULAN LINE	415.133	85		
	ULAN LINE	418.600		85	
	ULAN LINE	418.900	100		
	ULAN LINE	420.260	X70 (51 PTS)	100	
	UP LOOP	420.500	80	X70 (51 PTS)	
WILPINJONG		421.245			
	ULAN LINE	421.720	80	100	
	UP LOOP	422.100	X80 (52 PTS)	80	
	ULAN LINE	422.250		X80 (52 PTS)	
	ULAN LINE	422.257		80	
WILPINJONG COAL JUNCTION		422.310			
	ULAN LINE	422.502	95		
	ULAN LINE	423.336		95	

MUSWELLBROOK – GULGONG						
LOCATION	TRACK	KILOMETRAGE	LINE SPEED		COMMENTS	
			DOWN	UP		
MOOLARBEN COAL JUNCTION	ULAN LINE	423.700	100			
	ULAN LINE	427.500		100		
	ULAN LINE	427.823	80			
	ULAN LINE	432.100	X80 (55 PTS)			
			432.105			
	MOOLARBEN COAL BRANCH		432.189	80	X80 (55 PTS)	
ULAN		435.000				
ULAN COAL DEPARTURE ROAD		435.282				
ULAN COAL ARRIVAL ROAL		435.495				
	ULAN LINE	435.500		80		
	ULAN LINE	435.800	115			
	ULAN LINE	439.000		115		
	ULAN LINE	439.329	105			
	ULAN LINE	439.500		90		
	ULAN LINE	439.882	100			
	ULAN LINE	444.500		105		
	ULAN LINE	444.773	90			
	ULAN LINE	445.391		90		
	ULAN LINE	445.800	115			
	ULAN LINE	454.600		115		
	ULAN LINE	455.000	95			
	ULAN LINE	455.745		95		
	ULAN LINE	456.011	80			
	ULAN LINE	456.413		80		
	ULAN LINE	456.800	115			
	ULAN LINE	459.400		115		
	ULAN LINE	459.801	35			
GULGONG		460.114				