

D7 Spencer Junction - Parkeston

RAS DIRN Section Page

Applicability

ARTC Network Wide

SMS

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Amendments to the RAS are published at the following link
https://www.artc.com.au/customers/standards/route/access/
All changes in this document are highlighted with this colour

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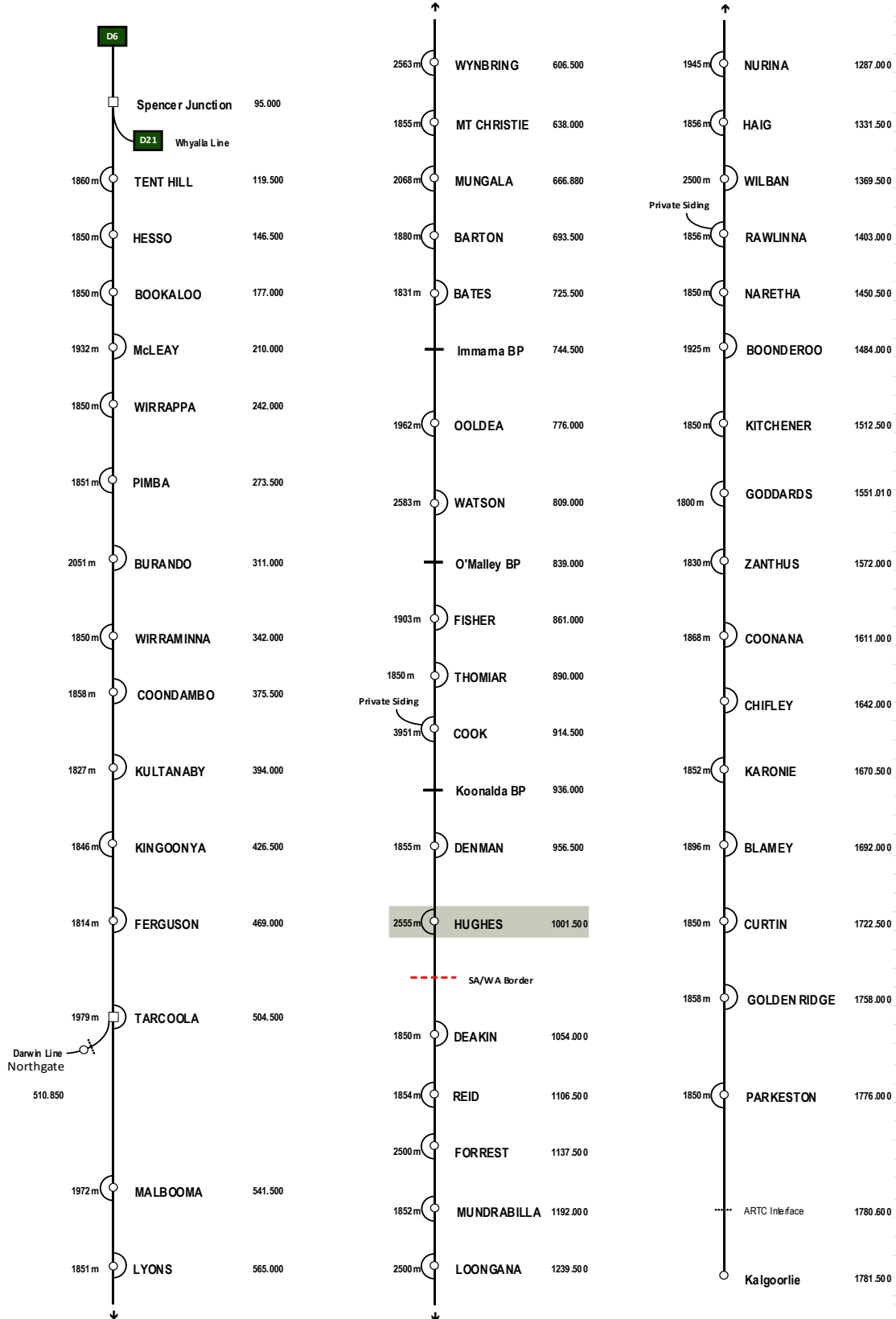
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1 Network Diagram

Note: These line maps are indicative only. For detailed diagrams, refer to relevant Network Information Book.



2 Route Capacity

SPENCER JUNCTION – TARCOOLA			
TRAIN TYPE	MAXIMUM SPEED (KM/H)	MAXIMUM AXLE LOAD (TONNES)	
FREIGHT		LOCOS	WAGONS
	115	22.8*	20
	110	22.8*	21
	80	22.8*	23
	80	22.8*	25
PASSENGER		LOCOS	CARRIAGES
LOCO HAULED	115	22.8*	19
(Includes non-express DMU and rail motors)			
TARCOOLA – PARKESTON			
TRAIN TYPE	MAXIMUM SPEED (KM/H)	MAXIMUM AXLE LOAD (TONNES)	
FREIGHT		LOCOS	WAGONS
	115	22.8*	20
	110	22.8*	21
	80	22.8*	23
PASSENGER		LOCOS	CARRIAGES
LOCO HAULED	115	22.8*	19
(Includes non-express DMU and rail motors)			

General Notes:

- Route capacity applies where vehicle characteristics and conditions permit.

Referenced Notes:

* 134t maximum locomotive weight. These posted axle loads 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

SPENCER JUNCTION - PARKESTON			
LOCATION	KILOMETRAGE	DOWN	UP
SPENCER JUNCTION (84 KM)	84.730	60	
	95.150	80	60
TENT HILL (120 KM)	111.739	100*	80*
	148.8522	80*	100*
HESSO (146 KM)			
BOOKALOO (177 KM)	159.099	100*	80*
	200.000	80	
	200.544		100*
MCLEAY (209 KM)	207.770	100*	80
	219.964	80	100*
	224.952	100	
	225.468		80
	229.097	80	100
	230.1207	100	
	230.500		80
WIRRAPPA (241 KM)	235.493	80	100
	251.995	100	
	252.642	115	80
	255.048		100
	256.348	80	
PIMBA (273 KM)	262.894	100*	80
	289.157	80	100*
	291.934	90	80
	298.025		100
BURANDO (311 KM)	298.292	80	
	314.629	100*	80
	331.131	80	100*
WIRRAMINNA (342 KM)	335.912	100*	80
	366.481		100*
	367.100	80	
	369.003	100	
	369.067		80
	373.695	80	100

KULTANABY (394 KM)	375.452	100*	80
	<hr/>		
KINGOONYA (426 KM)	456.012	80	
	456.299		100*
	458.298		80
	458.978	90*	
FERGUSON (468 KM)	465.138	100*	90*
	475.834	90	100*
	478.737	115	90
	482.496	100*	115
	493.134	115	100*
TARCOOLA (504.5 KM)	496.690	80*	115
	509.339	115	80*
	515.747	100	115
	517.326	115	100
	519.154	80	115
	521.214	115	80
MALBOOMA (541.5 KM)	523.690	100	115
	525.212	115	100
	540.212	100	115
	541.594	115	100
	547.569	80*	115
	559.210	115	80*
	561.977	100	115
LYONS (565 KM)	563.442	115	100
	569.524	80	115
	570.943	100*	80
	589.660	80*	100*
WYNBRING (604 KM)	596.762	115	80*
	604.191	100*	115
	611.988	90	100*
	614.166	100	90
	615.358	80	100
	616.465	70	
	617.250		80
	620.618	90	70
	624.889	100	90

	628.214	90	100
	630.183	70	90
MOUNT CHRISTIE (638 KM)	633.700	80	70
	642.620	90	80
	646.446	100	90
	648.900	90	100
	653.046	80	90
	657.204	70	80
	660.468	80	70
	669.490	100	80
	671.918	80	100
	677.869	100*	80
	681.250	80	100*
692.121	100	80	
BARTON (694 KM)	694.344	80*	100
	720.642	90	80*
BATES (724 KM)	723.269	80*	90
	779.975	100*	80*
LOONGANA (1240 KM)	797.602	115	100*
	1282.615	100	115
	1283.414	80	100
	1284.573	100	80
COONANA (1610 KM)	1286.100	115	100
	1617.158	80	115
	1620.961	115	80
	1621.849	110	115
CURTIN (1721 KM)	1622.835	115	110
	1733.753	110*	115
	1742.419	100	110*
	1743.632	115	100
	1746.622	110	115
	1747.300	115	110
GOLDEN RIDGE (1758 KM)	1753.831	100*	115
	1759.504	115	100*
	1763.574	100	115
PARKESTON (1776 KM)	1764.820	115	100
	1776.540	50	115

	1777.000	70	50
	1778.000	50	70
	1779.100	70	50
KALGOORLIE (1779 KM)	1781.100	60	70
END OF ARTC OPERATIONS			

* ON CURVES BETWEEN

Note: Speeds presented in grey are not formally part of this section page and are provided for information only. They are addressed in the adjoining section pages in detail.

TARCOOLA – API			
LINE SEGMENT	EXCEPTION TO MAXIMUM SPEEDS LOCATION		RESTRICTED SPEED
NORTHGATE BLOCK POINT - TARCOOLA	505.440 KM		35
TARCOOLA – NORTH GATE (510.850)	509.800 KM	509.900 KM	70

Note: Asia Pacific Interface to Darwin. Refer to Aurizon.