I3 Albion - Jacana

RAS IN Section Page

Applicability

ARTC Network Wide

SMS

Publication Requirement

Internal / External

Primary Source

Document Status

Version #	Date Reviewed	Prepared by	Reviewed by	Endorsed	Approved
2.0	18 May 22	Operations Standards	Stakeholders	Operations Standards Manager	A/GM Technical Standards 28/06/2022

Amendment Record

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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1 Network Diagram

NB: These line maps are indicative only.

Melbourne

DoT VIC

ARTC interface 13.985km

Albion Loop   14.700

McIntyre Loop
893m

BG track

18.810

DG track

BG track

Jacana Loop   26.789

ARTC interface 16.345km

DoT VIC

D53

Albury Line
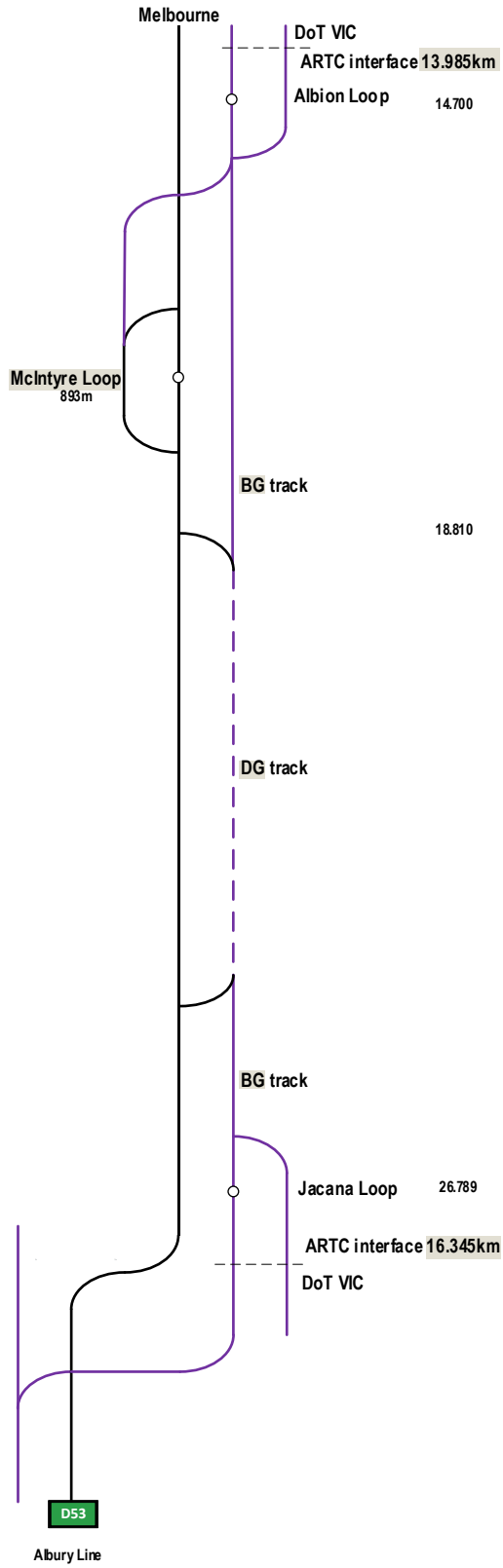
2   Route Capacity

This table only applies for **broad gauge** application between Albion and Jacana, all standard gauge operations should refer Route Access Standard D1.

ALBION - JACANA (BROAD GAUGE)			
TRAIN TYPE	**MAXIMUM SPEED (KM/H)**	**MAXIMUM AXLE LOAD (TONNES)**	
FREIGHT		**LOCOS**	**WAGONS**
	20	22.3*	20
PASSENGER		**LOCOS**	**CARRIAGES**
LOCOMOTIVE HAUL	**	**	**

Notes:

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

* 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.

** Operation of locomotive hauled passenger vehicles will require an application to ARTC and an assessment of track condition prior to endorsement.

3   Location of Speed Signs

		EAST BOUND DOWN		WEST BOUND UP	
		FREIGHT	PASSENGER	FREIGHT	PASSENGER
ALBION	16.500 KM - 18.970 KM **BG ONLY**	20* (not posted)	N/A	20* (not posted)	N/A
	25.635 KM - 26.200 KM **BG ONLY**	20* (not posted)	N/A	20* (not posted)	N/A
JACANA	26.789 KM				

TSRs as per VIC Interstate Infrastructure Lease "…ARTC must, in relation to the Albion-Jacana line: (i) maintain the Infrastructure on that line in no worse condition than the condition which that Infrastructure was in as at 29 May 2008 (i.e, 23 TAL at 20kph)…"

4   Safeworking Systems

The Safeworking system in force between Albion and Jacana is CTC Centralised Traffic Control system.

5   Pedestrian Crossings

ALBION - JACANA				
NAME AND KMS OF NEAREST STATION	LEVEL CROSSING	DISTANCE (KM) (VIA MELBOURNE)	TYPE	LOCATION NUMBER
ALBION JUNCTION				
	DRAKE STREET	15.015	PO	N/A
	ARUNDEL AVE	25.850	PG / FL	N/A
JACANA JUNCTION				

BB	BOOM BARRIERS	**NSW**	R.I.C DISTANCE FROM SYDNEY
CC	CRIB CROSSING	**PB**	PEDESTRIAN BARRIERS
FL	FLASHING LIGHTS	**PG**	PEDESTRIAN GATES
SG	STANDARD GAUGE	**T-**	EQUIPPED WITH TELEPHONE COMMUNICATION
IG	INTERLOCKING GATES	**VIC**	VICTORIAN BROAD GAUGE
		PO	PEDESTRIAN OPEN CROSSING

6   Sub Standard Clearances

The train crews must keep their bodies wholly within the cabin of moving locomotives at the following location:

ALBION - JACANA			
LOCATION	STRUCTURE	DISTANCE	DETAILS
JACANA	SIGNAL	15.500M	SIGNAL MG 934
			MAST FOUL