ARTC

Division / Business Unit: Function: Document Type:

Engineering & Systems Operations Interface Route Access Standard

I3 Albion - Jacana

RAS IN Section Page

Applicability

ARTC Network Wide

SMS

Publication Requirement

Internal / External

Primary Source

Document Status

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2.0	18 May 22	Operations Standards	Stakeholders	Operations Standards	A/GM Technical Standards
				Manager	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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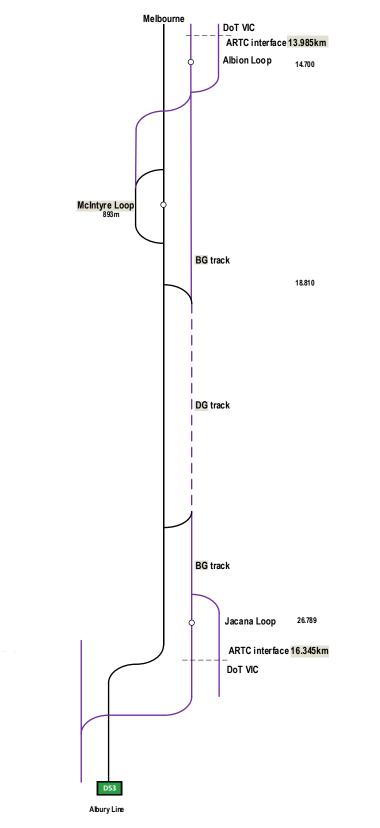
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1 Network Diagram

NB: These line maps are indicative only.





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 BO	EAST BOUND DOWN		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
ALBI	ON JUNCTION					
		DRAKE STR	REET	15.015	PO	N/A
		ARUNDEL A	VE	25.850	PG / FL	N/A
JACANA JUNCTION						
BB	BOOM BARRIERS	NS	N R.I.C	DISTANCE FROM SY	DNEY	
сс	CRIB CROSSING	РВ	PED	PEDESTRIAN BARRIERS		
FL	FLASHING LIGHTS	PG	PED	PEDESTRIAN GATES		
SG	STANDARD GAUGE	Т-	EQL	EQUIPPED WITH TELEPHONE COMMUNICATION		
IG	INTERLOCKING GAT	ES VIC VICT		FORIAN BROAD GAUG	E	
		PO	PED	ESTRIAN OPEN CROS	SING	

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			