

# I2 Benalla - Oaklands

## 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**

Version #	Date Reviewed	Prepared by	Reviewed by	Endorsed	Approved
2.1	19 Feb 24	Operations Standards	Stakeholders	Operations Standards Manager	Head of Operations Standards 27/02/2024

**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/customers/standards/route/access/>

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All changes in this document are highlighted with this colour

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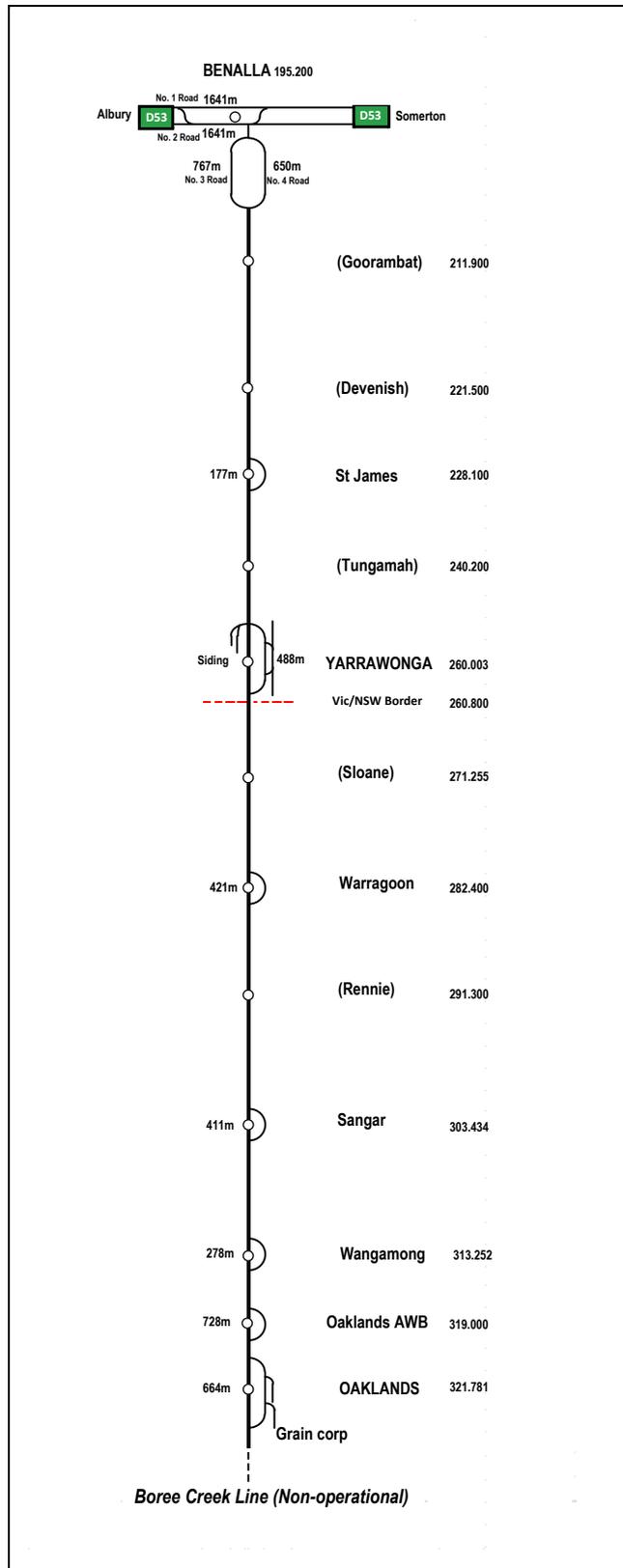
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## Table of Contents

<b>Table of Contents</b> .....	<b>2</b>
<b>1 Network Diagram</b> .....	<b>3</b>
<b>2 Route Capacity</b> .....	<b>4</b>
<b>3 Special Access Conditions</b> .....	<b>5</b>
3.1 Operating on days over a predicted temperature of 32°C .....	5
3.2 Operation with Reduced Fuel Load .....	5
<b>4 Permanent Speed Restrictions</b> .....	<b>6</b>

# 1 Network Diagram

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



## 2 Route Capacity

**NOTES TO BE READ IN CONJUNCTION WITH ROUTE CAPACITY TABLE BELOW**

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

*\* Locomotives permitted to operate on the line with reduced fuel capacity are listed in Section 3.2*

<b>BENALLA - OAKLANDS</b>			
<b>TRAIN TYPE</b>	<b>MAXIMUM SPEED (KM/H)</b>	<b>MAXIMUM AXLE LOAD (TONNES)</b>	
<b>FREIGHT</b>		<b>LOCOS</b>	<b>WAGONS</b>
	30	21.8*	19
<b>PASSENGER</b>	<b>NOT PERMITTED</b>		
	The Benalla to Oaklands route is a designated freight line and as such no heritage and/or passenger services are permitted to operate on this line without prior permission from the ARTC Interstate Network, General Manager Operations Services		

## 3 Special Access Conditions

### 3.1 Operating on days over a predicted temperature of 32°C

Operators are to check the weather forecast for the Bureau of Meteorology forecast at Yarrowonga.

Trains will not be permitted to operate if the forecast air temperature is 32°C or higher between the hours of 1200hrs and 2000hrs.

### 3.2 Operation with Reduced Fuel Load

BRM, C, RL, SSR and CLP class locomotives are permitted to operate with reduced fuel load so that they comply with the allowed axle load on the Benalla to Oaklands Line of 21.8t.

Conditions of operation:

1. The mass of each locomotive operating on the Benalla to Oakland Line must not exceed 130.8 tonnes through managing the fuel load.
2. Operators are to ensure the fuel levels for each locomotive are recorded in a Fuel Provisioning Form prior to being able to confirm the consist. ARTC may request this information to be provided for any locomotive operating on this service.
3. Each locomotive operating on this service is to be assigned a maximum fuel level to allow the operation to proceed.
4. The fuel load in the locomotive shall be no more than the amount specified in the following table:

Locomotive Class	Fuel Load Limit upon Departure (L)	Fuel Load Limit upon Commencement of Operation on Benalla to Oakland Line (L)
BRM	Melb - 8185	7500
C	Melb – 7050 (1550 Gallons)	6365 (1400 Gallons)
RL	Melb - 7275	6590
SSR	Sydney – 9200  Melb – To be advised prior to trip and a fuel management procedure to be developed	6235
CLP	Melb – 9185	8500

5. The Operator will manage the fuel filling through:
  - Fuel plan with their fuel contractor, advising maximum safe fill for each fill event.
  - Crew cross check at fuel event and prior to departure.
  - Fuelling Work Instructions.

## 4 Permanent Speed Restrictions

**Note: The following table is presently for reference only while there is an overall speed restriction applied to the full line as per Route Capacity Table in Section 2.**

LOCATION	KILOMETRAGE	DOWN	UP
		NORMAL	NORMAL
BENALLA	196.000	50	50
St James	225.200	50	50
Boosey Creek Over flow Bridge	239.170	30	
	240.000	50	30
YARRAWONGA (Yard start)	259.590	30	50
YARRAWONGA	259.900		
YARRAWONGA (YARD end)	260.170	30	30
YARRAWONGA River Bridge			
YARRAWONGA River Bridge	261.330	50	30
WARRAGOON	282.300		
RENNIE	291.300		
WANGAMONG	313.100		
OAKLANDS	320.800		50