



AUSTRALIAN RAIL TRACK CORPORATION LTD

## Route Access Condition Notice

# 14-00003

<b>Distributed To:</b>	<b>ARTC Website</b>
<b>Distribution Date:</b>	<b>20/05/14</b>
<b>Requested By:</b>	<b>Scott Chapman</b>
<b>Subject:</b>	<b>Increased Locomotive axle loads and speeds Muswellbrook to Narrabri Coal Loader.</b>
<b>Effective Period:</b>	<b>20/06/2014 Until Published in V1.4</b>
<b>Amendment Type:</b>	<b>Permanent (to be added to RAS)</b>

*Note: Permanent Route Access Condition Notices (RACN) are periodically updated in the ARTC Route Access Standard (RAS), at which time the relevant RACN is withdrawn.*

**RAS Reference:**

**Section:** H2 & H3                      **Version No.:** 1.3                      **Page/s:** \_\_\_\_\_

**ARTC Network Location:**

Muswellbrook to Narrabri Coal Loader

**Kms:** \_\_\_\_\_

**The following Conditions apply to this RACN:**

Coal trains (with a maximum wagon axle load of 25t) may be hauled by a locomotive set up that can include locomotives greater than 138t, subject to the conditions below:

- Only haul rolling stock that has existing approval for use between Muswellbrook and Narrabri Coal (no increase in wagon axle loads is permitted under this RACN)
- Enter and Exit Willow Tree Loop at a speed not greater than 20km/h.
- Must abide by lower temporary speeds restrictions as per normal operating procedures.
- Only permitted to traverse 47kg rail on tangent track only which is protected by appropriate TSRs.

ALL trains that have a greater than 138t locomotive in the consist are not permitted to use:

- Werris Creek Yard (Main Line and Loop ok to use)
- Gunnedah Yard (Main Line, Platform Road, Through Road and Loop ok to use)
- Boggabri Yard (Main Line and Loop ok to use)
- Quirindi Loop (Main Line ok to use)

**Added Speed and Axle load framework conditions as below:**

## H2 Route Capacity

### MUSWELLBROOK – WERRIS CREEK

Train Type	Maximum Speed (km/h)	Maximum Axle Load (tonnes)	
		Locos	Wagons
Freight	115	22.3	19.5
	100	22.8	21
	80	22.8	23
	80	22.8	25
	80 <sup>1</sup>	23.33	25
	60	30.0	25
	40 <sup>2</sup>	30.0	30 <sup>2</sup>
Passenger			
XPT	160	19	
Xplorer/Railcar	145	19	
Diesel Haul	115	19	

<sup>1</sup>. This requirement is currently only applicable to PN TT Class locomotives.

<sup>2</sup>. Refer to Special Access Condition – 30 tonne axle load wagons (Muswellbrook – Dartbrook Coal Loader and Maitland – Hanbury)

Note: Route capacity applies where vehicle characteristics and conditions permit.

## H2 Special Access Conditions

**The below Operational Requirement is removed:**

~~**Locomotives heavier than 22.8Tonne Axle Load (Muswellbrook-Dartbrook Coal Loader)**~~

~~Locomotives heavier than 22.8 tonne axle load (maximum 137 tonnes) are only permitted to run between Muswellbrook and Dartbrook Coal loader.~~

**Special access condition 30 tonne axle load wagons is still applicable:**

**30 tonne Axle Load Wagons (Muswellbrook- Dartbrook Coal Loader and Maitland-Hanbury)**

A maximum speed of 40 km/h applies to wagons loaded to 30 tonne axle load between Muswellbrook and Dartbrook Coal Loader.

**Added Speed and Axle load framework conditions as below:**

## H3 Route Capacity

### WERRIS CREEK – NARRABRI

Train Type	Maximum Speed (km/h)	Maximum Axle Load (tonnes)	
		Locos	Wagons
Freight	115	22.3	19.5
	100	22.8	20
	80	22.8	25
	80 <sup>1</sup>	23.33	25
	60	30.0	25
Passenger			
XPT	160	19	
Xplorer/Railcar	145	19	
Diesel Haul	115	19	

1. This requirement is currently only applicable to PN TT Class locomotives.

Note: Route capacity applies where vehicle characteristics and conditions permit.

**Issued By:** Richard Potts  
**Australian Rail Track Corporation**

**Approved By:** John Furness - Manager Standards (Minor)

**TOC Ref (if applicable):** TOC reference: 12470