

DISTRIBUTED TO	ARTC website
DISTRIBUTION DATE	09/02/2015
REQUESTED BY	ARTC
SUBJECT	Operation of various freight trains with 84 tonne gross mass (21 tonne axle load) vehicles I4 Gap - Merrygoen, I5 Dubbo - Goobang Junction, I7 Gulgong – Merrygoen.
EFFECTIVE PERIOD	20/02/2015 – 23/02/2015
AMENDMENT TYPE	Temporary

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Notices (RACN) are periodically updated in the ARTC Route Access Standard (RAS), at which time the relevant RACN is withdrawn.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:	I4, I5 & I7	Version No.:	1.3
		Page/s:	All
ARTC Network Location:			
Line Section:	I4 Gap - Merrygoen, I5 Dubbo - Goobang Junction, I7 Gulgong - Merrygoen.		
Kms:			

Due to a temporary shutdown of the Main North line for track possessions, some freight trains will be rerouted via Gulgong – Merrygoen – Dubbo – Narromine – Goobang Junction.

These trains may contain vehicles with a gross mass of up to **84 tonnes (i.e. 21 tonne axle load)**, and are approved to operate as follows:

General:

- **Speed limits and restrictions specified in this RACN are subject to any lower temporary or permanent speed restrictions as posted, or as specified in the Route Access Standard.**

I4 Route Capacity:

GAP – MERRYGOEN			
Train Type	Maximum Speed (km/h)	Maximum Axle Load (tonnes)	
		Locos	Wagons
Freight	100	19	19.5
	80	22.3	19.5
	70	22.3	20.25

	60	22.8	20.25
	40	22.8	21
Passenger			
XPT	100	N/A	
Xplorer	100	N/A	
Diesel Haul	100	19	

MERRYGOEN – DUBBO

Train Type	Maximum Speed (km/h)	Maximum Axle Load (tonnes)	
		Locos	Wagons
Freight	100	19	19.5
	80	22.3	19.5
	70	22.3	20.25
	60	22.8	20.25
	40	22.8	21
Passenger			
XPT	100	N/A	
Xplorer	100	19	
Diesel Haul	100	19	

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

I5 Route Capacity:

DUBBO – GOOBANG JUNCTION

Train Type	Maximum Speed (km/h)	Maximum Axle Load (tonnes)	
		Locos	Wagons
Freight	100	19	19.5
	80	22.3	19.5
	70	22.3	20.25
	60	22.8	20.25

	40	22.8	21
Passenger			
XPT	N/A	N/A	
Xplorer	N/A	N/A	
Diesel Haul	100	19	

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

17 Route Capacity:

GULGONG – MERRYGOEN			
Train Type	Maximum Speed (km/h)	Maximum Axle Load (tonnes)	
		Locos	Wagons
Freight	100	19	19.5
	80	22.3	19.5
	70	22.3	20.25
	60	22.8	20.25
	40	22.8	21.0
Passenger			
XPT	100	N/A	
Xplorer	100	N/A	
Diesel Haul	100	19	

Special Access Conditions:

1. Restrictions across Bridges

If a train contains any vehicle loaded above 81 tonnes gross mass (loaded above 20.25 tonnes per axle in the case of multi-pack vehicles) **AND up to a maximum of 21 tonne axle load**, the following restrictions apply:

Section	Location (km)	Speed (km/h)
Dubbo	462.762 (Macquarie River)	10

2. Marshalling & Load Restrictions for Macquarie River Bridge:

RCSF, RCPF, RCNF or RCKF vehicles loaded above 70 tones gross mass, AND up to a maximum of 84t, must be marshalled with an empty wagon between each pair of loaded wagons (i.e. loaded – loaded – empty – loaded – loaded – empty) when crossing the Macquarie River Bridge at Dubbo.

Otherwise, any vehicle which is 12 metres long or less must be limited to a maximum gross mass of 70 tonnes when crossing the Macquarie River Bridge at Dubbo.

3. Train Length Restrictions due to Brake Type

With reference to the Train Operating Conditions Manual (General Instruction Pages, Section 4, Page 1), the allowable position in a train for any vehicle with brake type B1 may be increased from the first 900m of train to the first 1,250 metres of train, for any train requiring to be remarshalled at Merrygoen, subject to the following:

- When using the air brake to control train speed, the brake pipe reduction must be at least 100 kPa; and
- Train crew must be alert for any signs for sticking brakes within the train consist.

4. Merrygoen: Remarshalling

NR class locomotives are authorised to operate into the Merrygoen – Binnaway section as far as necessary to enable remarshalling of trains at Merrygoen.

All remarshalling operations must be carried out in accordance with the Network Rules.

Richard Potts

Issued By:

Australian Rail Track Corporation

Approved By:

John Furness - Manager Standards (Minor)

Ref (if applicable):

TOC Waiver 15016