

Route Access Condition Notice

16-00007

Distributed To:	ARTC Website
Distribution Date:	05-07-2016
Requested By:	Executive General Manager Interstate Network
Subject:	Change in route capacity limits to allow 25t at 80km/h and 23t at 100km/h on the interstate corridor between Sydney and Geelong
Effective Period:	05-07-2016 – Until Published
Amendment Type:	Permanent (to be added to RAS)

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Notices (RACN) are periodically updated in the ARTC Route Access Standard (RAS), at which time the relevant RACN is withdrawn.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: D1, D2, D45, D51, D52, D53 **Version No.:** 1.5 **Page/s:** _____

ARTC Network Location:

- D45 Sydney – Macarthur**
- D51 Macarthur – Albury**
- D52 Moss Vale - Unanderra**
- D53 Albury – Somerton**
- D1 Somerton – Laverton**
- D2 Laverton - Wolseley**

Line Sections & Kms:

Details of RACN:

These changes will allow ARTC customers to operate their trains at 80 km/h when hauling wagons with 25tal and 100 km/h with 23tal for the full course of their journey across the entire Sydney – Geelong corridor.

Changes are indicated in the following tables by applying strike through and highlighting turquoise when current details are to be deleted and the new/replacement details are highlighted in yellow.

D45 Route Capacity

SEFTON PARK SOUTH JUNCTION (KM CHANGE) – MACARTHUR

TRAIN TYPE	MAXIMUM SPEED		MAXIMUM AXLE LOAD (TONNES)	
	(KM/H)	LOCOS	WAGONS	
FREIGHT	115	22.3	21	
	100	22.8	23	
	80	22.8	25	
PASSENGER				
XPT/ RAILCAR	115	N/A		
DIESEL HAUL	115	19		

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

There are no other changes to D45 Section Pages

D51 Route Capacity

MACARTHUR – ALBURY

TRAIN TYPE	MAXIMUM SPEED		MAXIMUM AXLE LOAD (TONNES)	
	(KM/H)	LOCOS	WAGONS	
FREIGHT	115	22.3	21*	
	100	22.8	24	
	80/100	22.8	23	
	80	22.8	25 [†]	
	65	22.8	25	
PASSENGER				
XPT	160	N/A		
XPLORER	145	N/A		
DIESEL HAUL	115	19		

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

[†] MGFH wagons and other equivalent and compatible wagons only.

* Except between Bundanoon and Marulan where a maximum speed of 100km/h applies.

D52 Route Capacity

MOSS VALE – ROBERTSON			
TRAIN TYPE	MAXIMUM SPEED (KM/H)	MAXIMUM AXLE LOAD (TONNES)	
		LOCOS	WAGONS
FREIGHT	115	22.3	19
	100	22.8	24
	80-100	22.8	23
	65 80	22.8	25
PASSENGER			
XPT/RAILCAR	N/A	N/A	
XPLORER	115	N/A	
DIESEL HAUL	115	19	

There are no other changes to D52 Section Pages

D53 Route Capacity

Seymour – Albury (East Track)			
Train Type	Maximum Speed (KM/H)	Maximum Axle Load (Tonnes)	
		Locos 134T Maximum Locomotive Weight	Wagons
EXPRESS FREIGHT	115	22.8*	20
SUPER FREIGHT	110	22.8*	21
REGULAR FREIGHT	80 100	22.8*	23
STANDARD FREIGHT	80	22.8*	23 25
EXPRESS PASSENGER	130	19	19
LOCO HAULED PASSENGER	115	19	19

Seymour – Albury (West Track)			
Train Type	Maximum Speed (KM/H)	Maximum Axle Load (Tonnes)	
		Locos 134T Maximum Locomotive Weight	Wagons
EXPRESS FREIGHT	115	22.8*	20
SUPER FREIGHT	110	22.8*	21
REGULAR FREIGHT	80	22.8*	23
STANDARD FREIGHT	80	22.8*	23
EXPRESS PASSENGER	130	19	19
LOCO HAULED PASSENGER	115	19	19

Somerton – Seymour			
Train Type	Maximum Speed (KM/H)	Maximum Axle Load (Tonnes)	
		Locos 134T Maximum Locomotive Weight	Wagons
EXPRESS FREIGHT	115	22.8*	20
SUPER FREIGHT	110	22.8*	21
REGULAR FREIGHT	80 100	22.8*	23
STANDARD FREIGHT	80	22.8*	23 25
EXPRESS PASSENGER	130	19	19
LOCO HAULED PASSENGER	115	19	19

D1 Route Capacity

Laverton – Tottenham ²			
Train Type	Maximum Speed (km/h)	Maximum Axle Load (tonnes)	
		Locos 134t Maximum locomotive weight	Wagons
Freight	115	22.8*	20
Freight	110		21
Freight	100		23
Freight	80		25
Passenger Loco Hauled	115	22.8*	19

Note:

1 Route capacity applies where vehicle characteristics and conditions permit.

2 Includes Western leg of Tottenham triangle.

* These posted axles loads are to account for the variability in axle loads for some classes of locomotive. The maximum locomotive weight must still be adhered to.

Somerton – Tottenham ²			
Train Type	Maximum Speed (km/h)	Maximum Axle Load (tonnes)	
		Locos 134t Maximum locomotive weight	Wagons
Freight	115	22.8*	20
Freight	110		21
Freight	100		23
Freight	80		25
Passenger Loco Hauled	115	22.8*	19
XPT	130	19	19

Note:

1 Route capacity applies where vehicle characteristics and conditions permit.

2 Includes Western leg of Tottenham triangle.

* These posted axles load are to account for the variability in axle loads for some classes of locomotive. The maximum locomotive weight must still be adhered to.

Tottenham – Dynon – Appleton Dock ²			
Train Type	Maximum Speed (km/h)	Maximum Axle Load (tonnes)	
		Locos 134t Maximum locomotive weight	Wagons
Freight	115	22.8*	20
Freight	110	22.8*	21
Freight	80		23
Passenger Loco Hauled	115	22.8*	19

Note:

1 Route capacity applies where vehicle characteristics and conditions permit.

2 Includes both North and South legs of Tottenham triangle.

* These posted axles loads are to account for the variability in axle loads for some classes of locomotive. The maximum locomotive weight must still be adhered to.

South Dynon – Moonee Ponds Junction ²			
Train Type	Maximum Speed (km/h)	Maximum Axle Load (tonnes)	
		Locos 134t Maximum locomotive weight	Wagons
Freight	115	22.8*	20
Freight	110	22.8*	21
Freight	80	22.8*	23
Passenger Loco Hauled	115	22.8*	19
XPT	130	19	19

Note:

1 Route capacity applies where vehicle characteristics and conditions permit.

2 Including ARTC section of Broad Gauge Freight Link Track.

* These posted axles loads are to account for the variability in axle loads for some classes of locomotive. The maximum locomotive weight must still be adhered to.

D2 Route Capacity

LAVERTON – GEELONG			
TRAIN TYPE	MAXIMUM SPEED (KM/H)	MAXIMUM AXLE LOAD (TONNES)	
		LOCOS 134T MAXIMUM LOCOMATIVE WEIGHT	WAGONS
FREIGHT	115	22.8*	20
FREIGHT	110		21
FREIGHT	100		23
FREIGHT	80		25
PASSENGER LOCO HAULED	115	22.8*	19

Note:

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

* These posted axles load are to account for the variability in axle loads for some classes of locomotive. The maximum locomotive weight must still be adhered to.

GEELONG – WOLSELEY			
TRAIN TYPE	MAXIMUM SPEED (KM/H)	MAXIMUM AXLE LOAD (TONNES)	
		LOCOS 134T MAXIMUM LOCOMATIVE WEIGHT	WAGONS
FREIGHT	115	22.8*	20
FREIGHT	110		21
FREIGHT	80		23
PASSENGER LOCO HAULED	115	22.8*	19

Note:

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

* These posted axles load are to account for the variability in axle loads for some classes of locomotive. The maximum

Issued By: *Richard Potts*
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Approved By: Minor - Manager Standards
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