



AUSTRALIAN RAIL TRACK CORPORATION LTD

Route Access Condition Notice

14-00005

Distributed To:	ARTC Website
Distribution Date:	20/06/14
Requested By:	ARTC
Subject:	RAS Stage 1 implementation as replacement for the TOC Manual in NSW and QLD.
Effective Period:	Permanent
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Notices (RACN) are periodically updated in the ARTC Route Access Standard (RAS), at which time the relevant RACN is withdrawn.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: All **Version No.:** 1.3 **Page/s:**

ARTC Network Location:

Line Section: All
Kms:

The network wide interface document known as the Route Access Standard (RAS) Manual (Stage 1) will be effective for the ARTC network in New South Wales from 22/06/2014. (TOC waiver 12475)

The RAS Manual can be accessed at the following address:
<http://www.artc.com.au/Content.aspx?p=257>

The RAS Manual will replace elements of the existing interface document currently known as the Train Operating Conditions (TOC) Manual for NSW (including the ARTC network in Queensland) plus relevant TOC Waivers issued to update the TOC Manual.

The fundamental difference between the TOC Manual and the RAS Manual is the way in which the network capacity, such as axle loads and associated speeds, is presented. The TOC Manual displays network capacity as the lower of either the rolling stock capacity or the infrastructure capacity for each line section. Under the RAS Manual, only infrastructure capacity is presented in terms of axle load and speed, leaving the Rail Operator to manage rolling stock inside of that infrastructure capacity as occurs elsewhere on the ARTC network.

In relation to the replacement of the ARTC TOC Manual, the introduction of the RAS Manual will occur in two stages:

- Stage 1 commenced on 31/01/2014 and New South Wales with all like-for-like information in effect.

- Like-for-like information includes line diagrams and permanent speed restrictions.
- TOC Waivers issued as part of the registration process for rail vehicles in NSW will continue during Stage 1.
- TOC Waivers issued as part of non-standard working of rail vehicles in NSW will continue during Stage 1.
- Stage 2 will involve Rail Operators confirming all above rail information relevant to their operations, including the rail vehicle information in the TOC Manual, has been included within their Safety Management Systems.
 - ARTC will be working with Rail Operators to achieve this outcome during 2014.
 - Upon confirmation, the remnant TOC Manual will be declared an historical document and made available in an archive location.

The following continue to apply for the ARTC network in NSW and Queensland until further notice:

- Sections of the current ARTC TOC Manual listed in Appendix A attached.
- TOC Waivers published on the ARTC website.

Appendix A – ARTC TOC Manual Subsections that remain in force during Stage 1 of RAS for the ARTC Network.

SECTION	HEADING	DOCUMENT	TITLE
Section 1	Route Standards	General Instruction Pages	Restricted operation for vehicles with 'note o'
Section 1	Route Standards	General Instruction Pages	Classification of lines and (location of field devices)
Section 2	Locomotive Operations	General Instruction Pages	Marshalling of Locomotives
Section 2	Locomotive Operations	General Instruction Pages	Assisting (Banking) Locomotives
Section 2	Locomotive Operations	General Instruction Pages	Distributed Power
Section 2	Locomotive Operations	General Instruction Pages	Locomotives dead attached or off line
Section 2	Locomotive Operations	General Instruction Pages	Marshalling of Locomotives due to brake valve type
Section 2	Locomotive Operations	General Instruction Pages	Mixing Locomotive types
Section 2	Locomotive Operations	General Instruction Pages	Multiple unit working of locomotive
Section 2	Locomotive Operations	General Instruction Pages	Locomotive categories
Section 3	Train Operations	General Instruction Pages	Amalgamation of Trains
Section 3	Train Operations	General Instruction Pages	Operation of Trains on Steep Descending Grades
Section 3	Train Operations	General Instruction Pages	Holding a train Stationary on a grade
Section 3	Train Operations	General Instruction Pages	Stabling a Train on a running line or in a shunting neck.
Section 3	Train Operations	General Instruction Pages	Emergency Equipment
Section 3	Train Operations	General Instruction Pages	Driver Safety Systems
Section 4	Train Marshalling	General Instruction Pages	Draw Capacity
Section 4	Train Marshalling	General Instruction Pages	Length restrictions due to brake type
Section 4	Train Marshalling	General Instruction Pages	Trailing Tonnage table
Section 4	Train Marshalling	General Instruction Pages	Main Reservoir
Section 4	Train Marshalling	General Instruction Pages	Wooden Bodied Vehicles

Section 4	Train Marshalling	General Instruction Pages	Locomotive hauled Passenger cars on freight trains
Section 4	Train Marshalling	General Instruction Pages	Test Accommodation and Crew Cars
Section 4	Train Marshalling	General Instruction Pages	Vehicles under test
Section 4	Train Marshalling	General Instruction Pages	Dangerous goods
Section 5	Loading Restrictions	General Instruction Pages	General Requirements for the safe transit of freight on rail
Section 5	Loading Restrictions	General Instruction Pages	Container load distribution and securement
Section 5	Loading Restrictions	General Instruction Pages	Out-of-gauge loads
Section 6	Train Inspections	General Instruction Pages	Train Inspections
Section 6	Train Inspections	General Instruction Pages	Full Mechanical Inspection
Section 6	Train Inspections	General Instruction Pages	General Mechanical Inspection
Section 7	Train Inspections	General Instruction Pages	Air brake inspection and test
Section 6	Train Inspections	General Instruction Pages	When is a Train Inspection required?
Section 6	Train Inspections	General Instruction Pages	Brake Pipe Leakage test
Section 6	Train Inspections	General Instruction Pages	Brake Pipe Continuity test
Section 6	Train Inspections	General Instruction Pages	Brake Holding test
Section 6	Train Inspections	General Instruction Pages	Changing or attaching Locomotives
Section 6	Train Inspections	General Instruction Pages	Attaching Pre Inspected Vehicles
Section 6	Train Inspections	General Instruction Pages	Attaching Un Inspected Vehicles
Section 7	Train Inspections	General Instruction Pages	Attaching or detaching assisting locomotives
Section 6	Train Inspections	General Instruction Pages	Detaching Vehicles
Section 6	Train Inspections	General Instruction Pages	Locomotive run around movements
Section 6	Train Inspections	General Instruction Pages	Programmed preventative maintenance
Section 6	Train Inspections	General Instruction Pages	Unit Train Operation
Section 8	Disabled Trains and Defective Vehicles	General Instruction Pages	Removing a Disabled Train
Section 8	Disabled Trains and Defective Vehicles	General Instruction Pages	Assisting with a passenger train
Section 8	Disabled Trains and Defective Vehicles	General Instruction Pages	Assisting a disabled train from the front
Section 8	Disabled Trains and Defective Vehicles	General Instruction Pages	Assisting a disabled train from the rear
Section 8	Disabled Trains and Defective Vehicles	General Instruction Pages	Using an emergency Coupler
Section 8	Disabled Trains and Defective Vehicles	General Instruction Pages	Assisting disabled track maintenance vehicles
Section 8	Disabled Trains and Defective Vehicles	General Instruction Pages	Defective air brakes
Section 8	Disabled Trains and Defective Vehicles	General Instruction Pages	Defective Brake Pipe
Section 8	Disabled Trains and Defective Vehicles	General Instruction Pages	Defective Main reservoir pipe on passenger trains
Section 8	Disabled Trains and Defective Vehicles	General Instruction Pages	Defective handbrake or parking brake
Section 8	Disabled Trains and Defective Vehicles	General Instruction Pages	Defective air springs
Section 8	Disabled Trains and Defective Vehicles	General Instruction Pages	Defective wheels
Section 8	Disabled Trains and Defective Vehicles	General Instruction Pages	Defective axle box bearings

Section 8	Disabled Trains and Defective Vehicles	General Instruction Pages	Defective draw gear
Section 8	Disabled Trains and Defective Vehicles	General Instruction Pages	Transferring defective vehicles
Section 9	Operation of Track Maintenance Vehicles	General Instruction Pages	Whole section retained
Section 10	Locomotive and Rolling Stock Data	General Instruction Pages	Retained Plus TOC Waivers
Section 11	Track Maintenance Vehicle Data	General Instruction Pages	Retained Plus TOC Waivers
Illawarra Section Pages		Section Pages	Maximum Speed of Locomotives and Rolling Stock
Illawarra Section Pages		Section Pages	Load for Trains
Illawarra Section Pages		Section Pages	Full Sectional Loads
Illawarra Section Pages		Section Pages	Section run times
Northern Section Pages		Section Pages	Maximum Speed of Locomotives and Rolling Stock
Northern Section Pages		Section Pages	Load for Trains
Northern Section Pages		Section Pages	Full Sectional Loads
Northern Section Pages		Section Pages	Section run times
Northern Section Pages		Section Pages	Transfer of 90 class locomotives Kooragang - Enfield - Kooragang for wheel lathe attention.
Northern Section Pages		Section Pages	Loads for Coal Trains and TOC waivers amending the Loads
Northern Section Pages	Deleted (not part of ARTC)	Section Pages	Passenger Train Running Times
Southern Section Pages		Section Pages	Maximum Speed of Locomotives and Rolling Stock
Southern Section Pages		Section Pages	Load for Trains
Southern Section Pages		Section Pages	Full Sectional Loads
Southern Section Pages		Section Pages	Section run times
Western Section Pages		Section Pages	Maximum Speed of Locomotives and Rolling Stock
Western Section Pages		Section Pages	Load for Trains
Western Section Pages		Section Pages	Full Sectional Loads

Western Section Pages		Section Pages	Section run times
Western Section Pages		Section Pages	Passenger running times

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TOC Ref (if applicable): 12475