



AUSTRALIAN RAIL TRACK CORPORATION LTD

## TOC Waiver

### Reference Number – 12475

|                           |  |
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| <b>Distributed To:</b>    | ARTC website   |
| <b>Distribution Date:</b> | 05/06/2014   |
| <b>Requested By:</b>      | ARTC   |
| <b>Subject:</b>           | <b>RAS Manual Stage 1 implementation for the ARTC Network in New South Wales and Queensland -- detail to be referenced in ARTC TOC Manual until further notice</b> |
| <b>Effective Period:</b>  | <b>22/06/2014 - Until further notice</b>   |

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.

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.

The TOC Manual can be accessed at the following address;

<http://www.artc.com.au/Content.aspx?p=47>

TOC Waivers can be accessed at the following address;

<http://www.artc.com.au/Content.aspx?p=48>

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**Australian Rail Track Corporation**

## Appendix A - ARTC TOC Manual Subsections that remain in force 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   |

## Appendix A - ARTC TOC Manual Subsections that remain in force for the ARTC Network

|                                |   |                           |   |
|--------------------------------|---|---------------------------|---|
| <b>Section 8</b>               | Disabled Trains and Defective Vehicles  | General Instruction Pages | Removing a Disabled Train                         |
| <b>Section 8</b>               | Disabled Trains and Defective Vehicles  | General Instruction Pages | Assisting with a passenger train                  |
| <b>Section 8</b>               | Disabled Trains and Defective Vehicles  | General Instruction Pages | Assisting a disabled train from the front         |
| <b>Section 8</b>               | Disabled Trains and Defective Vehicles  | General Instruction Pages | Assisting a disabled train from the rear          |
| <b>Section 8</b>               | Disabled Trains and Defective Vehicles  | General Instruction Pages | Using an emergency Coupler                        |
| <b>Section 8</b>               | Disabled Trains and Defective Vehicles  | General Instruction Pages | Assisting disabled track maintenance vehicles     |
| <b>Section 8</b>               | Disabled Trains and Defective Vehicles  | General Instruction Pages | Defective air brakes                              |
| <b>Section 8</b>               | Disabled Trains and Defective Vehicles  | General Instruction Pages | Defective Brake Pipe                              |
| <b>Section 8</b>               | Disabled Trains and Defective Vehicles  | General Instruction Pages | Defective Main reservoir pipe on passenger trains |
| <b>Section 8</b>               | Disabled Trains and Defective Vehicles  | General Instruction Pages | Defective handbrake or parking brake              |
| <b>Section 8</b>               | Disabled Trains and Defective Vehicles  | General Instruction Pages | Defective air springs                             |
| <b>Section 8</b>               | Disabled Trains and Defective Vehicles  | General Instruction Pages | Defective wheels                                  |
| <b>Section 8</b>               | Disabled Trains and Defective Vehicles  | General Instruction Pages | Defective axle box bearings                       |
| <b>Section 8</b>               | Disabled Trains and Defective Vehicles  | General Instruction Pages | Defective draw gear                               |
| <b>Section 8</b>               | Disabled Trains and Defective Vehicles  | General Instruction Pages | Transferring defective vehicles                   |
|                                |   |                           |   |
| <b>Section 9</b>               | Operation of Track Maintenance Vehicles | General Instruction Pages | Whole section retained                            |
|                                |   |                           |   |
| <b>Section 10</b>              | Locomotive and Rolling Stock Data       | General Instruction Pages | Retained Plus TOC Waivers                         |
|                                |   |                           |   |
| <b>Section 11</b>              | Track Maintenance Vehicle Data          | General Instruction Pages | Retained Plus TOC Waivers                         |
|                                |   |                           |   |
| <b>Illawarra Section Pages</b> |   | Section Pages             | Maximum Speed of Locomotives and Rolling Stock    |
| <b>Illawarra Section Pages</b> |   | Section Pages             | Load for Trains                                   |
| <b>Illawarra Section Pages</b> |   | Section Pages             | Full Sectional Loads                              |
| <b>Illawarra Section Pages</b> |   | Section Pages             | Section run times                                 |
|                                |   |                           |   |
| <b>Northern Section Pages</b>  |   | Section Pages             | Maximum Speed of Locomotives and Rolling Stock    |
| <b>Northern Section Pages</b>  |   | Section Pages             | Load for Trains                                   |
| <b>Northern Section Pages</b>  |   | Section Pages             | Full Sectional Loads                              |
| <b>Northern Section Pages</b>  |   | Section Pages             | Section run times                                 |
|                                |   |                           |   |

## Appendix A - ARTC TOC Manual Subsections that remain in force for the ARTC Network

|                                   |                            |               |   |
|-----------------------------------|----------------------------|---------------|---|
| <b>Northern<br/>Section Pages</b> |                            | Section Pages | Transfer of 90 class locomotives Kooragang - Enfield - Kooragang for wheel lathe attention. |
| <b>Northern<br/>Section Pages</b> |                            | Section Pages | Loads for Coal Trains and TOC waivers amending the Loads                                    |
| <b>Northern<br/>Section Pages</b> | Deleted (not part of ARTC) | Section Pages | Passenger Train Running Times   |
|                                   |                            |               |   |
| <b>Southern<br/>Section Pages</b> |                            | Section Pages | Maximum Speed of Locomotives and Rolling Stock  |
| <b>Southern<br/>Section Pages</b> |                            | Section Pages | Load for Trains   |
| <b>Southern<br/>Section Pages</b> |                            | Section Pages | Full Sectional Loads  |
| <b>Southern<br/>Section Pages</b> |                            | Section Pages | Section run times   |
|                                   |                            |               |   |
| <b>Western<br/>Section Pages</b>  |                            | Section Pages | Maximum Speed of Locomotives and Rolling Stock  |
| <b>Western<br/>Section Pages</b>  |                            | Section Pages | Load for Trains   |
| <b>Western<br/>Section Pages</b>  |                            | Section Pages | Full Sectional Loads  |
| <b>Western<br/>Section Pages</b>  |                            | Section Pages | Section run times   |
| <b>Western<br/>Section Pages</b>  |                            | Section Pages | Passenger running times   |