

ANPR 748

## Transferring Track Vehicles

### Applicability

NSW

SMS

### Publication Requirement

External Only

### Document Status

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2.0	11 October 2015

## Introduction

There are special requirements for *transfer of track vehicles* in the Australian Rail Track Corporation (ARTC) NSW Network. The term 'track vehicle' includes:

- road/rail vehicles
- track repair machines
- electrical section rail-bound track vehicles
- quadricycles.

## Preparing track vehicles for travel

### Track vehicle operator

1. Make sure that your vehicle is fitted with working:
  - hazard lights, or
  - an amber or orange flashing light.
2. Make sure that your vehicle carries, or that you have immediate access to:
  - two red and two green flags, and
  - at least 12 *detonators*, and
  - two approved multicoloured handlamps or torches, and
  - an approved *track-circuit shorting clip*.

## Transferring track vehicles

### Qualified worker in charge of a movement

1. Before transfer begins, make sure that there is *effective communication* between the rearmost track vehicle and:
  - the leading track vehicle, and
  - intervening track vehicles, and
  - *Network Control Officers*.
2. Before transfer begins, confirm with *Network Control* the details about track vehicles in the movement including:
  - the number, kinds and identifications, and
  - the order of travel, and
  - if the track vehicles are to be *block worked*.

3. During travel:
  - report progress to the Network Control Officer as the rearmost track vehicle passes nominated *locations*
  - get instructions from the Network Control Officer
  - if in a *convoy*, relay relevant messages from the Network Control Officer to *track vehicle operators*.
4. Tell the Network Control Officer if the movement has:
  - arrived complete within a location, or
  - departed a location, or
  - cleared the main line, or
  - been removed from the line.
5. During transfer, be alert for workers on or about the track.
6. Get the *Protection Officer's* authority before travelling into or through a worksite.

### Travelling in convoy

#### Qualified Worker in the leading track vehicle

1. Tell other track vehicle operators in the convoy about the signal indications as your track vehicle approaches them.
2. Warn other track vehicle operators in the convoy if your track vehicle:
  - slows down or stops
  - approaches the *protection* limits of a worksite.
3. If you lose communication with other track vehicles:
  - reduce the speed of your track vehicle, and
  - allow the convoy to close up.

### Track vehicle operators

1. Adjust your vehicle's speed according to messages from:
  - the *Qualified Worker* in the leading or rearmost track vehicle
  - other track vehicle operators.
2. Tell other track vehicle operators in the convoy:
  - as you reach agreed easily-identified locations or reference points in the journey
  - if you need to slow down or to stop your track vehicle.
3. If you lose communication with other track vehicles:
  - reduce your track vehicle's speed, and
  - allow the convoy to close up, and
  - be prepared to stop within *sighting distance*.
4. If you are not sure of the whereabouts of the track vehicle ahead of yours when you reach its last reported location, be prepared to stop within sighting distance.
5. If you need to stop your track vehicle, until your warning is acknowledged, continue to warn the following track vehicle operator by:
  - two-way radio messages
  - flashing your track vehicle's lights
  - repeated sounding of your track vehicle's *whistle*
  - giving a STOP handsignal at a safe braking-distance behind your track vehicle.

## Travelling over level crossings

### Qualified Worker in the leading track vehicle

1. Tell track vehicle operators:
  - that your track vehicle is approaching a *level crossing*, and
  - to reduce the speed of their track vehicles and be prepared to stop.
2. Tell track vehicle operators whether to:
  - close up safely and travel over the crossing as a group, or
  - travel over the level crossing on the authority of a *Handsignaller*.

### Related ARTC Network Procedures

<b>ANPR 701</b>	Using a Track Occupancy Authority
<b>ANPR 702</b>	Using a Track Work Authority
<b>ANPR 710</b>	Piloting trains and track vehicles
<b>ANPR 715</b>	Protecting Type F level crossings
<b>ANPR 721</b>	Spoken and written communication
<b>ANPR 722</b>	Manual block working

### Effective Date

11 October 2015