




Approval

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Amendment Record

Approval Date	Version	Description
31/03/2012	1	Initial issue under MTM, document updated to Metro format and processes reviewed

1. Purpose

To provide a documented process for responsibility associated with each Track Manager and Train Operator interfacing or operating on the MTM network.

2. Scope

Compliance with this document is required by all MTM staff and other Operational Interface users including but not limited to

- Pacific National Pty Ltd
- Australian Rail Track Corporation Limited (ARTC)
- CountryLink
- V/Line Pty Ltd
- El Zorro Transport Pty Ltd
- Vic Track
- Qube Logistics

3. Abbreviations and Acronyms

Safeworking Systems

ABS	Automatic Block Signalling
AES	Automatic Electric Staff
ATC	Automatic Track Control
CTC	Centralised Traffic Control
DLB	Double Line Block
ES	Electric Staff
TB	Track Block

4. Definitions and Responsibilities

Variation to schedule Any train running three(3) minutes or more outside its scheduled path as defined by the Network Service Plan or Metropolitan Daily Timetable

Notification location As defined by the Network Service Plan, notification locations at which all “Up” direction train variations of three (3) minutes or more outside a train’s scheduled path are required to be reported. These locations are:

- Lara
- Rockbank
- Garfield
- Wallan
- Gisborne

4.1. Interface Locations:

Jacana and Albion	The junctions of the ARTC B/G line between locations
Craigieburn (Summer Hill Road PCR)	At 29.8 km
Inner Suburban area	Defined as the area on the “Up” side of North Melbourne, Richmond and Jolimont stations
Newport	Interface of Standard gauge, includes East and West goods lines from Brooklyn
Pakenham	The mainlines to and from the Latrobe corridor
Southern Cross No 1	Includes ARTC interface
Sunshine	Includes mainlines to and from Ballarat, and the Brooklyn and Tottenham goods line interfaces
Sunbury	The mainlines to and from the Bendigo corridor
West Tower	Includes Southern Cross, North Melbourne and South Kensington interfaces
Werribee	The mainlines to and from the Geelong Corridor

4.2. Interface Location Safeworking Systems

Werribee	ATC
Newport	ATC / ABS / CTC / TB
Sunshine	ATC / ABS / TB
Sunbury	ABS / ATC
Jacana	ABS / CTC
Craigieburn	DLB / ABS
Pakenham	ABS / ATC
Southern Cross No 1	ABS
West Tower	ABS
Albion	ABS / CTC


5. Process

5.1. Rules and Operating Procedures

All train movements over the interface areas Shall be operated in accordance with the 1994 Book of Rules and ARTCs TA20 for the defined interstate rail network.

5.2. Train Service Monitoring

In monitoring approaching trains Signallers should utilise all available indications and devices which will indicate train-running variances. This includes, but is not limited to, remote location panels, double line block instrument bell communications (i.e. Departure bells or late requests for line clear), telephone communications with adjoining signalling locations, Train Describer bells etc.

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5.2.1. Parallel Line Operations

MTM, ARTC and VLP Train Control Centres shall communicate with each other with regard to incident management and ensure that the affected organisation(s) are advised of any incidents involving these organisations or disruption to the normal Broad Gauge – Standard Gauge parallel line operations.

5.3. Train Controllers (Metrol)

On being advised by the signaller at an interface location of variations to schedule in excess of three minutes the Train Controller is to consider possible clashes of train pathways and advise the Signaller concerned of the required train priority at that location. Train Controllers when assessing train pathway priorities for interface locations are to be guided by the procedures set out in the Metropolitan Train Operating Protocol.

Train Controllers (Metrol) are to notify Train Controllers (Control) of service disruptions or delays that will impact on services that will cross between the two Train Control boundaries.

5.4. Train Controllers (Control)

On being advised of variations to schedule in excess of three minutes the Train Controller is to notify the relevant interface location Signaller and advise of the known variance.

Subsequent variations are also to be reported, whether positive or negative variances. Additional train reporting information (ie Signallers reporting) should also be utilised when initially advising interface locations of variations to schedule or updating prior notification.

The Train Controller (Control) prior to allowing any freight train or track machine to approach the MTM rail network is to confer with and obtain the appropriate train pathways from the Train Controller (Metrol) and ARTC(Newport-Brooklyn-Tottenham Yard) or Albion-Jacana to ensure no pathway conflicts exist.

Comprehensive train loading details (include consist, tonnage, length, presence of dangerous goods, etc) must be provided with the request for a pathway.

The Train Controller (Control) in conjunction with ARTC Adelaide will advise the Signaller West Tower concerning the precedence of broad gauge train movements between Newport-Brooklyn-Sunshine and Tottenham Yard.


5.5. Interface Location Signallers

The Train Controller (Control) will advised signallers of any schedule variations for approaching trains. Upon being advised of train schedule variations Signallers must notify the Train Controller (Metrol) and advise if such variation to schedule may cause a conflict of train pathways.

The Train Controller (Metrol) will consider and advise the Signaller of train running priorities. Signallers are to monitor their signal control panels, block instruments (see note) or other communications advice and contact the Train Controller (Metrol) if there is any variation to scheduled train running or discrepancy to previous advice of schedule variation.

Signallers must confer with the Train Controller (Metrol) to obtain a pathway for all non-passenger trains or track machines entering the MTM rail network. This action is required regardless of whether a train or track machine is running to its scheduled

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time or not. Signallers must confer with the Train Controller (Metrol) to obtain a pathway for all passenger trains that are not running to schedule.

5.6. Non Urban Train Drivers

Non Urban Train Drivers are to notify Train Control (Centrol) of variations to schedule in excess of three minutes at all times.

5.7. Rolling Stock Entering MTM Network

All accredited operators must abide by the MTM Addenda relating to Rolling Stock accredited to operate on the MTM network as approved by the Infrastructure and Engineering Support Manager. Any vehicle not listed in the MTM Addenda is not permitted to operate on MTM leased tracks without being authorised by the appropriate circular and jointly by the New Works and Interface Manager and Infrastructure and Engineering Support Manager.

6. Location Specific Requirements

6.1. Southern Cross No 1

The Train Controller (Metrol) is to be informed of known delays to train departures (i.e. where scheduled pathways will not be met) as soon as practicable after becoming aware of such delays. (Also see "Train Controller, ARTC")

6.1.1. Train Controllers (ARTC) for Trains Departing Southern Cross

6.1.1.1. Train Controllers must confer with the Signaller at Southern Cross No 1 to advise of variations to schedule in excess of three minutes. The signaller Southern Cross No 1 is then required to negotiate a pathway for the train with the Train controller (Metrol) if a pathway conflict exists.


6.1.1.2. If the signaller at Southern Cross No 1 is aware of a delayed departure toward the ARTC network the Train controllers (ARTC) is to be informed. If delayed arrivals or departures cause a conflict of pathways at the interface location the Train Controller (Metrol) is to be contacted to determine and advise of the priority for train movements at that location.

The interface arrangement at Southern Cross is intended to apply to all service operators using the ARTC network, including but not limited to, Country Link, GSR and SSR. Also see "Train Controller (Centrol)".

6.2. West Tower

Signallers must request pathways from the Train Controller (Metrol) for all movements that require an entry onto the MTM rail network (excluding scheduled movements to and from Melbourne Yard Stabling Sidings or Wash plant movements).

The Train Controller (Metrol) is to be informed of known delays to train departures (i.e. where scheduled pathways will not be met) as soon as practicable after becoming aware of such delays. The Train Controllers (Centrol and ARTC) will liaise with the Signaller West Tower concerning the precedence of broad gauge train movements between Newport-Brooklyn-Sunshine and Tottenham yard.

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7. References and Legislation

- 1994 Book of Rules
- Metropolitan Train Operating Protocol
- Access Agreements between MTM and Train Operators for access to the MTM network
- Signalling / Control Services Agreement MTM – V/Line
- Operational Interface Procedure – Manor Loop to Melbourne (ARTC – TA 48)
- Interface Agreement – Operation of Movements at Somerton (ARTC IA 12)
- The ARTC Code of Practice for Victorian Mainline Operations (ARTC TA 20)
- MTM / V/Line Safety Interface Agreement (SIA)