

Notice Type:	SAFE Notice		
Location:	Network Wide		
Subject Title:	NCCN and NCCS Firewall Upgrades		
Operator(s):	All operating on the ARTC network		
Corridor/Line:	NSW Network		
Control Board:	All Control Boards (NCCS and NCCN)		
Effective From:	19/11/2024	Time1:	0200 hours
Effective To:	19/11/2024	Time2:	0400 hours

General Details / Operating Condition:

On Tuesday 19th November 2024 between 0200 hours and 0400 hours (AEDT), or until works are completed, ARTC are completing Firewalls updates that will incur 2x 30 second outages. During the 2x 30 second outages Broadmeadow NCCN and Junee NCCS will lose telemetry and communications to the field, and Junee NCCS will also lose services with direct dependency on Broadmeadow NCCN for 2x 30 seconds.

During the 30 second outages the following will occur at Broadmeadow NCCN:

- **Phoenix** – Brief CTC outage, Network Controllers can pre-set routes prior to the change window to allow train movements to continue. Trains moving between NCCN and NCCS may see the loss of carrying forward of their Train ID.
- **Voice Calls** – Established calls will not drop but will go silent, new calls cannot be established, however mobile backup will work.
- **LX NCAI** – Brief interruption to incoming alarms for any of the monitored active Level Crossings.
- **eTAP** – Brief interruption to transfer of data between the Control Centre and in-field devices.
- **Corp Services** – email, office365 and internet dropouts.

During the 30 second outages the following will occur at Junee NCCS:

- **Phoenix** – Brief CTC outage, Network Controllers can pre-set routes prior to the change window to allow train movements to continue. Trains moving between NCCS and NCCN may see the loss of carrying forward of their Train ID.
- **Voice Calls** – Established calls will not drop but will go silent, new calls cannot be established, however mobile backup will work.
- **LX NCAI** – Brief interruption to incoming alarms for any of the monitored active Level Crossings.
- **eTAP** – Brief interruption to access eTAP services.
- **TMACS** – Brief outage of GPS data refreshing.

Note: No changes to In Cab Equipment (ICE) units will be required as part of these works.

Additional Details:

During these works ARTC will have Engineers and Technicians located at Broadmeadow NCCN, the Data Centre and at Junee NCCS, prepared to assist if needed, as well as Engineers remotely doing the work. The Engineers and Technicians will work with the Operations teams to effectively manage all the outages.

If an unplanned outage occurs, the Broadmeadow NCCN and Junee NCCS backup mobile phones will be used as the primary form of communications to and from the Network Control Centre. All incoming calls to Broadmeadow NCCN and Junee NCCS including ICE calls should be made by dialling the mobile phones. Telephone calls from Broadmeadow NCCN and Junee NCCS can be made using the mobile phones.

ICE Radio users will be required to dial the backup mobile phones using the ICE "directory" or "manual" call methods.

The following list contains the Broadmeadow NCCN and Junee NCCS backup mobile phone extensions to be used to contact the Control Boards. These extensions are available in the ICE Radio "directory" database.

NCCN Control Board	Mobile Extension
BMD: Kooragang	0428 810 345
BMD: Port Waratah	0428 871 063
BMD: Upper Hunter 1	0427 462 676
BMD: Upper Hunter 2	0437 011 167
BMD: Upper Hunter 3	0456 660 647
BMD: Middle Hunter	0428 803 620
BMD: Lower Hunter	0427 620 067
BMD: North	0427 423 124
BMD: West	0427 554 419
BMD: North-West	0428 341 309
BMD: TTM Backup	0439 598 718

NCCS Control Board	Mobile Extension
JUN: Sydney 2 Mobile	0417 639 993
JUN: Main South C Mobile	0417 459 390
JUN: Main South A Mobile	0417 944 823
JUN: Main South B Mobile	0418 180 458
JUN: Sydney 3 Mobile	0417 608 266
JUN: Sydney 1 Mobile	0417 679 793
JUN: Coast A Mobile	0418 434 378
JUN: Coast B Mobile	0418 728 876
JUN: Main South D Mobile	0417 673 864
JUN: TOCO Mobile	0400 054 901
NCCS TTM	0437 395 551

Recipients must ensure this Notice is circulated to and understood by all personnel affected by, or needing to know, its content.

This Notice must be issued to all affected Competent Workers.

Competent Workers who receive this Notice must follow the requirements.

Contact Details:

Contact: Contact No.

Approval:

Approved by: Date:

Approved by: Date: