

Notice Type:	SAFE Notice		
Location:	Network Wide		
Subject Title:	National Train Communications System (NTCS) Network Upgrade Activity		
Operator(s):	All operating on the ARTC network		
Corridor/line:	NSW Network		
Control Board:	All Control Boards (NCCS and NCCN)		
Effective From:	29/04/2025	Time1:	2200hrs
Effective To:	01/05/2025	Time2:	0200hrs

General Details / Operating Condition:

From 2200 hours AEST, Tuesday 29 April 2025 to 0200 hours AEST, Thursday 1 May 2025, ARTC will be coordinating a network upgrade activity on the NTCS environment that will result in minor outages to services as below:

Affected Network Control Centres:

ARTC - Broadmeadow NCCN and Junee NCCS.

Note: NCCW, Sydney Trains, CRN, and V/Line Train Control Centres will also be impacted at the same time.

Affected NTCS services:

- ICE Train registration (4G and Satellite)
- ICE Controller and Emergency calls (Satellite only)
- ICE GPS data update (Satellite only)

Un-affected NTCS services:

- ICE Controller and Emergency calls (4G)
- ICE GPS data update (4G)
- ICE Voice calls (4G and Satellite using either "directory" or "manual" call methods).

The service interruptions will occur between the following two periods:

- From 2200 hours, 29 April 2025 to 0200 hours 30 April 2025 (AEST), and
- From 2200 hours, 30 April 2025 to 0200 hours 1 May 2025 (AEST).

The expected impact during each period will be:

- 3 x 3 minute, intervals where the following services will be unavailable:
 - ICE Train registration (4G and Satellite)
 - ICE Controller and Emergency calls (Satellite only)
 - ICE GPS data update (Satellite only)

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

During the outages, the ICE unit will not be able to register the ICE unit run number (Train ID e.g. 3MA8). Train registration data displayed on the ICE and the Network Controller Centre VCS will remain visible during the works, unless the train traverses a boundary point during the outage. In this scenario:

- The ICE unit will retain its registration data, though the VCS may show the ICE as unregistered (“UNREG”),
- On completion of the outages the registration data on the VCS should auto register within a few minutes, alternatively the Rail Traffic Crew can re-enter the Train ID registration.

All Network Control Centre initiated voice calls will be unaffected during the work.

ICE Radio communication using train control buttons (Controller and Emergency) will be unavailable as detailed below:

- Total of 6 x 3 minute, outages: ICE operating on Satellite only.

Additional Details:

The ICE Radio will be available to make Controller and Emergency calls via Telstra 4G.

Any ICE Radio operating on Satellite will need to use directory call methods during the outages. The list of VCS normal, priority and emergency telephone numbers is shown below for each Network Control Centre if required.

BROADMEADOW NCCN VCS EXTENSIONS			
	NORMAL	PRIORITY	EMERGENCY
TTM	(02) 4902 9410	(02) 4902 9425	(02) 4902 9490
WEST	(02) 4902 7916	(02) 4902 7946	(02) 4902 7976
NORTH	(02) 4902 7902	(02) 4902 7932	(02) 4902 7962
NORTH WEST	(02) 4902 7903	(02) 4902 7933	(02) 4902 7963
UPPER HUNTER 3	(02) 4902 7905	(02) 4902 7935	(02) 4902 7965
KOORAGANG	(02) 4902 7906	(02) 4902 7936	(02) 4902 7966
PORT WARATAH	(02) 4902 7907	(02) 4902 7937	(02) 4902 7967
MIDDLE HUNTER	(02) 4902 7908	(02) 4902 7938	(02) 4902 7968
LOWER HUNTER	(02) 4902 7909	(02) 4902 7939	(02) 4902 7969
UPPER HUNTER 1	(02) 4902 7910	(02) 4902 7940	(02) 4902 7970
UPPER HUNTER 2	(02) 4902 7911	(02) 4902 7941	(02) 4902 7971
TERMINAL COORD	(02) 4902 7914	(02) 4902 7944	(02) 4902 7974

JUNEE NCCS VCS EXTENSIONS			
	NORMAL	PRIORITY	EMERGENCY
TTM	(02) 6924 9809	(02) 6924 9839	(02) 6924 9869
TOCO	(02) 6924 9801	(02) 6924 9831	(02) 6924 9861
MAIN SOUTH C	(02) 6924 9802	(02) 6924 9832	(02) 6924 9862
SYDNEY 3	(02) 6924 9803	(02) 6924 9833	(02) 6924 9863
SYDNEY 2	(02) 6924 9804	(02) 6924 9834	(02) 6924 9864
MAIN SOUTH D	(02) 6924 9805	(02) 6924 9835	(02) 6924 9865
SYDNEY 1	(02) 6924 9806	(02) 6924 9836	(02) 6924 9866
MAIN SOUTH A	(02) 6924 9807	(02) 6924 9837	(02) 6924 9867
MAIN SOUTH B	(02) 6924 9808	(02) 6924 9838	(02) 6924 9868
COAST A	(02) 6924 9811	(02) 6924 9841	(02) 6924 9871
COAST B	(02) 6924 9812	(02) 6924 9842	(02) 6924 9872

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: Ben Kozak - Technical Specialist - Communications

Contact No. 0409 368 012

Approval:

Approved by: Delivery Support Manager, Network Control Centre North

Date: 10/04/2025

Approved by: Manager Network Operations South

Date: 10/04/2025