

ANGE 230

# Communications Equipment

**Applicability**

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NSW

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SMS

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**Publication Requirement**

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External Only

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**Document Status**

Issue/Revision #	Effective from
3.0	11 October 2015

## Purpose

To prescribe the rules for use of communications equipment in the *Australian Rail Track Corporation (ARTC) NSW Network*.

## Communications equipment

Communications equipment listed in the following table, or compatible with equipment listed in the table, *may* be used to establish spoken *effective communication* in the Network.

Before *rail traffic travels* in the ARTC NSW Network, equipment fitted to communicate with *Network Control* must be working correctly.

If Network Control communications equipment is defective, *Network Control Officers* must:

- tell *Maintenance Representatives* about the faulty equipment, and
- establish alternative communication methods.

If *train* communication equipment becomes defective, Drivers must act in accordance with Rule *ANTR 410 Defective equipment*.

The following table lists the protocols to be used for each type of communication equipment.

Communications equipment	Protocol	Emergency button
450.050 MHz	<i>Open channel</i>	No
In Cab Equipment (ICE) radio	Discrete-channel if communicating with Train Control, otherwise open-channel	Yes
MetroNet	Discrete-channel	Yes
Government radio network	Open channel and discrete-channel	No
UHF radios	Open channel	No
Yard radios	Open channel	No
Control phones	Discrete-channel	Some
Mobile phones	Discrete-channel	No
Satellite phones	Discrete-channel	No
Standard phones	Discrete-channel	No
Trackside phones	Treat as discrete-channel	No

## Related ARTC Network Procedures

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<b>ANPR 721</b>	Spoken and written communication
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### Effective Date

11 October 2015