

## Glossary of Terms

### DEFINITIONS AND ABBREVIATIONS

For the purposes of the Network Plan, the following definitions and abbreviations apply:

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| <b>2G</b>                                        | is the general term used by the International Telecommunication Union (ITU) to describe the existing digital 2 <sup>nd</sup> generation of mobile technology that supports voice and basic data services.                                                                                                                                                                                                                                                                                                                  |
| <b>3G</b>                                        | is the general term used by the International Telecommunication Union (ITU) to describe the 3 <sup>rd</sup> generation of mobile technology that supports advanced data services.                                                                                                                                                                                                                                                                                                                                          |
| <b>ACMA</b>                                      | Refers to the Australian Communications and Media Authority (formally the Australian Communications Authority).                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ACIF</b>                                      | Refers to the Australian Communications Industry Forum.                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ACT</b>                                       | Refers to the Australian Capital Territory                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Act</b>                                       | Refers to the <i>Telecommunications Act (Cth) 1997</i> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ARPANSA</b>                                   | Refers to the Australian Radiation Protection and Nuclear Safety Agency.                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Base Station</b>                              | Refers to a radiocommunications transmitter and its associated infrastructure including any antennas, housings and other equipment.                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Carrier</b>                                   | has the same meaning as in the Act (a licenced mobile phone telecommunication network provider. 3GIS is referred to as a Carrier for the purposes of this document).                                                                                                                                                                                                                                                                                                                                                       |
| <b>Co-located Facility</b>                       | Means one or more facilities installed on or within:<br>(a) an original facility; or<br>(b) a public utility structure                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Consultation</b>                              | means a process whereby Carriers seek to inform other parties about a proposed project at particular premises with the intention of giving those parties an opportunity to respond to the proposal and to have their responses considered.                                                                                                                                                                                                                                                                                 |
| <b>Development Application / Approval</b>        | means approval in accordance with state, territory or local planning laws.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Exempt Radiocommunications Infrastructure</b> | means:<br>(a) radiocommunications infrastructure installed at the request of the occupier to supply services exclusively to that property and not for re-transmission by radiocommunications to another property; or<br>(b) radiocommunications infrastructure used or intended to be used for the purpose of providing a facility for use by, or on behalf of, a defence organisation for defence purposes; or<br>(c) radiocommunications infrastructure used or intended to be used for the sole purpose of facilitating |

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|                                         | <p>the provision of emergency services by emergency services organisations; or</p> <p>(d) radiocommunications infrastructure used or intended to be used for the sole purpose of carrying of communications between 2 or more end users, where each end user is within the Immediate Circle of the operator of the radiocommunications infrastructure; or</p> <p>(e) Appendix F Equipment.</p>                                                                                                                                                       |
| <b>EME</b>                              | <p>in this Network Plan EME refers to the radiofrequency portion of the electro-magnetic spectrum. Energy transmission over the entire spectrum is technically known as electro-magnetic energy (EME) and includes commonly experienced emissions such as visible light, TV transmission, and AM and FM radio signals. A number of other terms are commonly used for the whole spectrum which include <b>EMR</b> (electro-magnetic radiation), <b>EMF</b> (electro-magnetic fields) which are often used interchangeably with EME.</p>               |
| <b>Greenfield</b>                       | <p>means any new mobile phone base station, regardless of type of location.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Installation</b>                     | <p>in relation to radiocommunications infrastructure, includes:</p> <ul style="list-style-type: none"> <li>(a) the construction of the radiocommunications infrastructure, on over or under any land;</li> <li>(b) the attachment of the radiocommunications infrastructure to any building or other structure; and</li> <li>(c) any activity that is ancillary or incidental to the installation of the radiocommunications infrastructure (for this purpose, installation includes an activity covered by paragraphs (a) or (b) above).</li> </ul> |
| <b>Interested and Affected Parties</b>  | <p>includes persons who reside within the immediate vicinity of the facility and may have an interest in or be affected by the proposed facility.</p>                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Low Impact Facility</b>              | <p>means a facility as determined in the <i>Telecommunications (Low-impact Facilities) Determination 1997</i>.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Low RF Power Infrastructure</b>      | <p>means one or more transmitters operating at a total maximum power into the antenna of no greater than 2 Watts.</p> <p><i>Note: Examples may include micro-cells and pico-cells.</i></p>                                                                                                                                                                                                                                                                                                                                                           |
| <b>Micro-cell Facility</b>              | <p>is a small outdoor low power mobile phone facility which provides the Carriers coverage to a small area.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Original Facility</b>                | <p>means the equipment which constituted the facility as originally constructed.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Pico-cell Facility</b>               | <p>is a very small indoor low power mobile phone facility which provides the Carriers coverage to a localised area.</p>                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Precautionary Approach</b>           | <p>is discussed in Appendix 7.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Public Mobile Telecommunications</b> | <p>has the same meaning as in the Act (a mobile phone services which is available for public use).</p>                                                                                                                                                                                                                                                                                                                                                                                                                                               |

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| <b>Service</b>                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Public Utility Structure</b>           | Means a structure used, or for use, by a public utility, for the provision to the public of: <ul style="list-style-type: none"><li>• reticulated products or services, such as electricity, gas, water, sewage or drainage; or</li><li>• carriage services (other than services supplied by a carriage service provider); or</li><li>• transport services; or</li></ul> a product or service of a kind that is similar to a product or service covered above. |
| <b>RF Hazard Area</b>                     | means an area where the emission level exceeds the ACMA mandatory limits for general public exposure to RF EMR.                                                                                                                                                                                                                                                                                                                                               |
| <b>Radiocommunications Infrastructure</b> | means a base station used for communications.<br><i>Note: Radiocommunications Infrastructure includes both low impact facilities and facilities that are not low impact.</i>                                                                                                                                                                                                                                                                                  |
| <b>RF</b>                                 | Refers to radio-frequency.                                                                                                                                                                                                                                                                                                                                                                                                                                    |