

WC107 : PMTS and Satellite Service Customer Equipment Standards



Terms of Reference

The **WC107 : PMTS and Satellite Service Customer Equipment Standards** Working Committee has been established to perform an area of work identified by the Customer Equipment and Cable and Reference Panel (CECRP). This Committee in carrying out the specific terms below is to observe the following guidelines, as appropriate:

- to ensure that all existing and new mandatory requirements are consistent with ACMA's power to make technical standards under s376 of the Telecommunications Act 1997 and that their inclusion is appropriate when considering those powers.
- to adopt international/overseas Standards and Australian Standards (AS & AS/NZS) wherever possible, recognising the changeability, applicability and testability of those Standards.
- to only develop mandatory requirements where no international/overseas Standards or Australian Standards (AS & AS/NZS) exist or where national deviations to international/overseas Standards and Australian Standards are required.
- to review the references to AS/CA Standards and other industry and regulatory Standards and documents.
- to follow the Guidelines for developing Standards for Customer Equipment and Customer Cabling.

Specifically the Working Committee is to revise AS/CA S042:2022

Requirements for Connection to an air interface of a Telecommunications Network
Australian Standard:

- **Part 1: General**
- **Part 4: IMT-2000 and IMT-Advanced Customer Equipment**
- **Part 5: IMT-2020 Customer Equipment**

The work is to be managed under discrete activities with separate deliverables. These activities are to be assessed during the course of the project, and in conjunction with the CECRP, with approval, can be amended in response to outcomes of monitoring activities and subject to external decisions by government/regulators.

The committee will be structure to facilitate engagement by various stakeholders to address the following areas of work: PMTS, satellite services and acoustic safety. Refer to the *W107 AS_CA S042 project work items* document for background information and status (as of December 2022) on each work item.

Work item

Gen/1: 3GPP Releases. To review and decide on what elements from the 3GPP Releases are to be addressed in the project. The two areas to be considered are:

- the schedule for 3GPP Release development and publication to be monitored.
- requirements in Releases 16 and 17 that impact on the project to be identified and factored into the project.

Part 1/5: Acoustic safety. To investigate and address, as necessary:

- if the acoustic safety requirements are still achieving the desired safety outcomes for Australia.
- to identify relevant international requirements and align for Australian conditions, taking into account both technical and regulatory considerations.

Part 1/7: Provision of power-fail advice warning notice

Part 1/8: Requirements for Satellite Customer Equipment. To review the status of both technical and regulatory arrangements and decide what elements are to be addressed within the project.

Part 4/1: Review of list of IMT 2000 (4G) spectrum bands

Part 5/1: Review of list of IMT 2020 (5G) spectrum bands

Part 5/2: Referencing ETSI EN Harmonised Standards

Part X/1: Requirements for Satellite Customer Equipment – relocation of requirements into a new Part

Part X/2: Emergency service access requirements – relocation of requirements into a new Part

Monitoring

Gen/2: Cyber Security

Part 1/1: AML being triggered when an SMS sent to 000

Part 1/2: Positioning technologies

Part 1/3: SIP interface between telco and ECP

Part 1/4: Cell broadcast for national emergency warning system

Part 1/6: Public Land Mobile Network ID (PLMNID)

Primary deliverables

- a revised AS/CA S042.1 General Customer Equipment Standard
- a revised AS/CA S042.4 IMT-2000 Customer Equipment Standard
- a revised AS/CA S042.5 IMT-2020 Customer Equipment Standard

Supporting deliverables

- a recommendation on how the proposed AS/CA Standard should be applied in the ACMA *Telecommunications (Labelling Notice for Customer Equipment and Customer Cabling) Instrument 2015*. This does not include the application of other AS/CA Standards that may be referenced by this Standard.
- report that includes:
 - justification of any deviations from international/overseas standards or Australian Standards (AS & AS/NZS)
 - a rationale for proposed new requirements.