

WC94 : IMT-2020 Customer Equipment



Terms of Reference

The **WC94 : IMT-2020 Customer Equipment** 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 develop requirements for IMT-2020 customer equipment by developing/amending the following parts to AS/CA S042 **Requirements for Connection to an air interface of a Telecommunications Network** Australian Standard:

- **Part 1: General** (amendment)
- **Part 4: IMT Customer Equipment** (amendment) (to become IMT-2000 CE)
- **Part 5: IMT-2020 Customer Equipment** (new)

The work is to be managed under discrete activities with separate deliverables. These activities are to be accessed during the course of the project, and in conjunction with the CECRP, with approval, can be amended in response to the progress of work being carried out by 3GPP and ETSI.

- Activity A (Parts 4 & 5):
 - based on 3GPP Release 15 and bands identified under FCC regulations
 - Standalone (SA) and Non-Standalone (NSA)
 - Frequency Ranges FR1 and FR2

- reference to ETSI TSs (conformance specifications and essential requirements).
- align IMT terminology in AS/CA S042.4
- publication target October 2021
- Activity B (Part 1)
 - emergency call requirements and Device Identifier
- Activity C (Part 5):
 - amend Part 5 to update references to the ETSI ENs (harmonised Standards). At time of approval ETSI EN target publication - Jan 2022.
- Activity D (Part 5):
 - update requirements to 3GPP Release 16
 - Working Committee constitution to be reassessed
- Other activities (Part 5), including:
 - SIP location
 - NILR
 - SMS to 000

Primary deliverables

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