CCPR WG-CMC TG2

Objectives:

- to update and maintain the CCPR "Classification of services in PR" and "Supporting evidence for CMCs in PR" documents
- to maintain the consistency of CCPR KCDB data entries for application of Machine reading (MR) for Digital Certificates (DC)

CCPR WG-CMC TG2

Members:

- Catherine Cooksey (Chair)
- Peter Blattner
- Teresa Goodman
- Boris Khlevnoy
- Dong-Hoon Lee
- Thiago Menegotto
- Marek Smid
- Lutz Werner

Documents:

- PR - Classification of Services in Photometry and Radiometry (pdf) https://www.bipm.org/documents/20126/41532170/Classification+of+services+in+Photometry+and+Radiometry/b91a353a-3896-9a87-a4f1-5736d2d298f0

- Supporting evidence for CMCs in PR (spreadsheet) https://www.bipm.org/documents/20126/30129311/Supporting+evidence+for+CMCs+in+PR/0fcb0aa3-5807-1389-b400-3bafd964305e

CMC Structure for Fibre Optics

Date	Task-Action
2021	TG4 proposed a revision to the CMC structure for fibre optics, which WG-CMC approved (DP-2021-01)
2021	TG2 was assigned the task of implementing the TG4 proposal with revisions to the documents, “Classification of services in PR” and “Supporting evidence for CMCs in PR” (AP-2021-07)
2022	Revised and published both documents: • Classification of services in PR v16 • Supporting evidence for CMCs in PR v11
2023	Updated structure in KCDB to reflect changes in Classification of services (AP-2022-01)

CMC Structure for Terrestrial Irradiance

Date	Task-Action
2022	The service category, terrestrial irradiance responsivity for broadband detector (12.1.1), is approved by WG CMC. (DP-2022-04)
2022	TG2 was assigned to update the documents CCPR “Classification of services in PR” and “Supporting evidence for CMCs in PR” accordingly (AP-2022-07)
2023	Revised and published both documents: • Classification of services in PR v17 • Supporting evidence for CMCs in PR v12
2023	Updated structure in KCDB to reflect addition

Harmonization of CCPR's CMC entries

Background: Testing of API KCDB revealed inconsistencies for numerous CMC entries, including: spelling errors, incorrect units, missing or incorrect quantities/parameters/instruments

Date	Task-Action
2021	TG2 was assigned the task of facilitating the process reporting inconsistencies to RMO TC Chairs (AP-2021-04)
2021	RMO TC Chairs were asked to report inconsistencies to relevant NMIs, request revisions, and report progress to TG2 Chair (AP-2021-03)

Harmonization of CMCs for Photometry

Date	Task-Action
2021	TG2 asked RMO TC Chairs to address inconsistencies in CMC entries for the Photometry
2022	21 out of 27 NMIs have submitted revisions for Photometry CMC entries
2022	Classification of services in PR v16 and Supporting evidence for CMCs in PR v11 include updating of parameter in SC 1.1.1, 1.2.1, 1.3.1, 1.4.1, 1.5.1 to be “correlated colour temperature or distribution temperature” (DP-2022-02)
2023	1 NMI’s submitted revisions are still being processed

Harmonization of CMCs for Emission Properties of Sources

Date	Task-Action
2022	TG2 was assigned the task of facilitating the process reporting inconsistencies to RMO TC Chairs for Emission Properties of Sources (DP-2022-01, AP-2022-02)
2022	RMO TC Chairs were asked to report inconsistencies to relevant NMIs, request revisions, and report progress to TG2 Chair (AP-2022-03)
2023	12 out of 14 NMIs have submitted revisions

Harmonization of CCPR CMC entries

Questions for discussion:

- Any feedback on process of harmonization so far?
- What's next? Remaining categories include:
    2. Properties of detectors
    4. Spectral properties of materials
    5. Spectrally-integrated measurements for sources and detectors
    6. Colour and other spectrally-integrated measurements of materials
    7. Fibre optics