



ISO/TC 20/SC 13 "Space data and information transfer systems"  
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## Update on CCSDS-ISO TC20/SC13 Liaison Activities

Document type	Related content	Document date	Expected action
Meeting / Working documents for discussion	Meeting: <a href="#">Den Haag (Netherlands) 15 Nov 2023</a>	2023-10-05	<b>INFO</b> by 2023-11-14

### Description

This document provides a brief update on the background, issues arising and their resolution, in the liaison activities between CCSDS and ISO TC 20/SC 13.

# Update on CCSDS-ISO TC20/SC13 Liaison Activities

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## Background

Pre-2020 the activities of CCSDS and ISO TC20/SC13 were well aligned. CCSDS was recognized as a Class A Liaison organization. CMC members were authorized to act as ISO representatives during the SC13 meetings which were adjacent to the CMC meetings. CCSDS procedures for organizing the meetings using the CCSDS systems, and in parallel the ISO systems and timescales were followed to register the TC20/SC13 meetings. Documents approved by CCSDS were submitted to a Fast Track ISO process for a Draft International Standard (DIS) ballot to become ISO standards.

Changes in staffing in both CCSDS and in ISO caused there to be a hiatus in the interactions between the two organizations. When attempts were made to restart the process, several issues were brought up which took some time to resolve.

## Issues arising

During this hiatus CCSDS continued to approve new and updated recommended standards, and ISO, although not receiving updates from CCSDS, nevertheless carried on the 5 yearly Systematic Reviews within ISO. Comments coming in from ISO organizations were recorded by ISO but were not forwarded to CCSDS Working Groups for resolution, and a number of standards were left in a kind of limbo in ISO.

Eventually all the issues were resolved so the processes could be restarted, with CCSDS still a Class A Liaison organization, responsible for resolving all proposed changes to a document. There were a few changes to accommodate the changes in the ISO systems, in particular rather than simply submitting a final PDF to ISO for the DIS ballot, in addition the editable Word document and the editable graphics files, for example as PowerPoint files are to be provided to ISO. The editable files were to help ISO with the translations of the documents, for which ISO allows 8 weeks as part of the DIS review.

Four updated or new recommended standards have been submitted for ISO DIS ballot as test cases, following approval by SC13.

## Actions

Outstanding document actions, at the time of writing, are:

- 1) More than 20 CCSDS documents have been approved by CMC but have not yet been submitted to ISO. The Word document must be made available and, if necessary, PowerPoint files must be provided for the figures (prepared by David Giaretta if not otherwise available)
- 2) 13 documents are undergoing Systematic Reviews in ISO, due to finish 1<sup>st</sup> Dec 2023. (ISO Stage Code 90.92 – see <https://www.iso.org/stage-codes.html>). The comments, if any, from ISO members, should be forwarded to the appropriate CCSDS WGs, and a decision recorded in the ISO site.

- 3) About 50 CCSDS ISO standards have previously undergone Systematic Reviews but the documents are in a kind of limbo until SC13 agrees that the documents should be approved – a separate resolution will be provided for discussion. In addition, any proposals coming from the ISO SRs must be provided to the CCSDS WGs.

The CCSDS-ISO process must be fully documented to ensure that these issues do not arise again in future.

CMC members should make contact with the appropriate ISO member body to ensure that (1) attendance at TC 20/SC13 meetings are agreed by ISO, and, where necessary additional information can be exchanged.

## Future prospects

Once the outstanding actions have been carried out the CCSDS-ISO process can proceed smoothly as before.