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**From:** [Eduardo W. Bergamini](#)

**To:** [Larry L. Schultz](#)

**Cc:** [Mike W. Kearney](#) ; [Erin Kahn](#) ; [Adrian J. Hooke](#) ; [Nestor Peccia](#) ; [david.s.berry@jpl.nasa.gov](mailto:david.s.berry@jpl.nasa.gov) ; [Francois Abram](#) ; [Craig Day](#)

**Sent:** Tuesday, August 26, 2008 12:31 AM

**Subject:** Update on the CCSDS-ISO TC20/SC13 & ISO TC20/SC14 ODM liaison work.

Dear Larry,

I hope you are fine.

It has been a long time since we exchanged our last correspondence.

The main purpose of this message is to send you, in your role as the Chairman of ISO TC20/SC14 Subcommittee, the attached CCSDS-ISO TC20/SC13 formal letter, with the explicit intention to serve as an update to the basic and formal common understanding we could settle with you, last year.

The attached letter reflects the general status and the coming step of the on going ODM related Liaison work which, we understand, is in its normal track among the three involved parties. Summing it up, the attached letter covers three basic points:

1. The importance of ISO TC20/SC14 (WG3) participation in the on going review of the ODM doc. CCSDS 502.0-P-1.1 and, as possible, also in its, as possible, desired closure at the time of the coming CCSDS NAV WG meetings to be held in Berlin, Germany, from 13 to 17 October 2008;
2. The importance of ISO TC20/SC14 (WG3) participation in the creation of interoperable ODM prototypes, expected to be derived from the current stage of the CCSDS 502.0-P-1.1 document;
3. A reminder on the coming step of our joint ODM Liaison plan that will hopefully lead to a new ISO 26900 Standard on ODM, considering that it is planned to result from a new item to be opportunely considered as part of the ISO TC20/SC14 Program of Work.

With my colleague Mike Kearney, I wish to express that we appreciate the comments you may have for us, after this current addressing, in your first opportunity. Thank you for your attention and consideration.

With my best and sincere regards,

Eduardo

**ENCLOSURE:** ISO TC20/SC13 Letter under Ref. no. N425, as of August 25, 2008.



**Secretariat of CCSDS and ISO/TC20/SC13**

our date  
August 25, 2008

our ISO reference  
N425



**TO:** Dr. Larry L. Schultz, Chairman  
ISO/TC20/SC14 Subcommittee  
Space Systems and Operations  
National Aeronautics and Space Administration - NASA  
John F. Kennedy Space Center  
Mail Code LX-D1  
Kennedy Space Center, FL 32899, USA

Dear Dr. Schultz,

We are pleased that ISO TC20/SC14 is already participating of the CCSDS final review process of document CCSDS 502.0-P.1.1 on Orbit Data Messages and of its eventual subsequent versions. Corresponding Review Item Dispositions (RIDs) will be collected by the CCSDS Coordinator from the reviewers who will eventually submit them, as part of the process. Mr. David S. Berry, who acts as the Chairman of CCSDS Navigation Working Group is the natural Coordinator of this CCSDS review process. As you are aware of, Mr. Berry is the Point of Contact of CCSDS with his ISO TC20/SC14 Point of Contact correspondent, Dr. David Finkleman, Chairman of your Subcommittee Working Group 3, in Operations and Ground Support. Considering that the RIDs which will be eventually collected from the current review process will be discussed at the coming meeting of the CCSDS Navigation Group, to be held at DIN facilities, in Berlin, Germany, from 13 to 17 October 2008, as announced by the [www.ccsds.org](http://www.ccsds.org) site, we wish to express that ISO TC20/SC14 WG3 will be mostly welcome to participate of the same meeting.

In order to comply with CCSDS requirement for the creation of interoperable prototypes that may validate the recommended standard defined by a Blue Book, we would like to take this opportunity to express our acquaintance that Dr. David Finkleman, Chairman of ISO TC20/SC14/WG3 is working in common understanding with CCSDS Navigation WG, also in this aspect.

It is expected that the Recommended Standard Blue Book CCSDS 502.0-B-2 will result from the on going review process, in a first opportunity, after the coming meeting of CCSDS Navigation Group, as being announced. We wish to remind that right after this objective is achieved, based on our previous agreement, CCSDS-ISO TC20/SC13 will be directing the resulting document to ISO TC20/SC14 for processing toward the planned ISO 26900 Standard.

We look forward for your response to the current terms of this letter. Thank you.

Sincerely,

Mike W. Kearney  
Secretary, ISO TC20/SC13  
Chairman, CCSDS CMC  
Secretary General, CCSDS

Eduardo W. Bergamini  
Chairman, ISO/TC20/SC13

**Cc.**

Mrs. Erin Kahn – Secretary, ISO TC20/SC14  
Mr. Adrian J. Hooke, Director - CCSDS CESH  
Mr. Nestor Peccia, Area Director – CCSDS MOIMS  
Mr. David S. Berry, Chairman – CCSDS NAV WG  
Mr. François Abram, Tech. Prog. Mngr. - Std. Dept, ISO Central Secretariat