

ABNT/Brazil Report
47th Meeting of ISO/TC20/SC13 Subcommittee
Informal Meeting
Promoted by DIN/Germany
Hosted by the ESOC/ESA
Darmstadt, German
17 November 2015, Tuesday (15:30-16:40 h)



REVIEWS

ABNT/Brazil, over the period covering from April 2015 to November 2015, performed or is working over the review and poll of the following ISO TC20/SC13 originated documents:

<u>TYPE</u>	<u>REFERENCE</u>	<u>VOTE</u>	<u>RESULT</u>	<u>STATUS</u>	<u>END DATE</u>
DIS	ISO/DIS 17355:07	Voted	Approved	Closed	09.15.2015
DIS	ISO/DIS 20618	Voted	Approved	Closed	08.04.2015
DIS	ISO/DIS 22642	Voted	Approved	Closed	05.07.2015
DIS	ISO/DIS 18202	Voted	Approved	Closed	12.15.2015
DIS	ISO/DIS 15396:07	Voted	Approved	Closed	12.15.2015
DIS	ISO/DIS 10537:10	Voted	Approved	Closed	12.15.2015
DIS	ISO/DIS 13527:10	Voted	Approved	Closed	12.15.2015
DIS	ISO/DIS 13537:10	Voted	Approved	Closed	12.15.2015
DIS	ISO/DIS 13541:10	Voted	Approved	Closed	12.15.2015
DIS	ISO/DIS 15893:10	Voted	Approved	Closed	12.15.2015
DIS	ISO/DIS 22647	Voted	Approved	Closed	12.15.2015

PRODUCTION

There are three Projects that are under way in the ABNT CE:08.010.70 Commission of Study on Space Data and Information Transfer System, intended to result in new ABNT NBR (National) Standards. They are under their final editorial review. Next, their contents will be mapped in the format prescribed by ABNT editorial template. The three Projects are:

1)

PROJECT: ABNT CE 08.010.70 - I146 (RTC 15)

TITLE: SYSTEM FOR RESOLUTION OF IBI (IBI – Internet Based Identifier)

AUTHOR: GERALD F. BANON

2)

PROJECT: ABNT CE 08.010.70 – I070 (RTC 17)

TITLE: COMMUNICATIONS OPERATIONS PROCEDURES – 1 (orig. CCSDS 232.1-B-2)

AUTHOR: JOÃO MANOEL ZANINOTTO

3)

PROJECT: ABNT CE 08.010.70 – I136 (RTC-16)

TITLE: ARCHITECTURE OF SECURITY FOR SPACE DATA SYSTEMS (orig. CCSDS 351.0-M-1)

AUTHOR: LILIA DE SÁ SILVA

ABNT/Brazil Report
47th Meeting of ISO/TC20/SC13 Subcommittee
Informal Meeting
Promoted by DIN/Germany
Hosted by the ESOC/ESA
Darmstadt, German
17 November 2015, Tuesday (15:30-16:40 h)



PRODUCTS

ABNT CE:08.010.70 Commission-of-Study in *Space Data and Information Transfer Systems* works not only in the regular 5 year updating review of already existing ABNT NBRs but, also, in the elaboration of new ISO TC20/SC13 – CCSDS originated Standards-Recommendations. They become Brazilian Standards, or NBRs, as possible, according to priorities of topics, motivated by space missions originated in the context of Brazilian space program. To this point in time, CE:08.010.70/ABNT produced the following NBRs:

ISO	CCSDS	ABNT NBR	RTC	TITLE
15887:2013	CCSDS 121.0-B-2:2012	15063:2004	02	<i>Sistemas Espaciais de Transferência de Dados e de Informação - Compressão de Dados Livre de Perdas</i>
	CCSDS 120.0-G-3:2013	15063:2008	03	
	CCSDS 320.0-B-6:2013	15062:2004 15062:2008	04	<i>Sistemas Espaciais de Transferência de Dados e de Informação - Campo CCSDS de Identificação Global de Espaçonaves: Procedimentos de Controle para a Designação de Códigos</i>
	CCSDS 232.0-B-2:2010	16105:2012	05	<i>Sistemas Espaciais de Transferência de Dados e de Informação - Protocolo de enlace espacial de dados de telecomando</i>
	CCSDS 122.0-B-1:2005	15982:2011	06	<i>Sistemas Espaciais de transferência de dados e de Informação - Compressão de dados de Imagens.</i>
14962:1997	CCSDS 643.0-B-1:1992	15624:2008	07	<i>Sistemas Espaciais de Transferência de Dados e de Informação - Inglês Codificado em ASCII</i>
20652:2006	CCSDS 651.0-M-1:2004	15862:2010	08	<i>Sistemas Espaciais de Transferência de Dados e de Informação - Interface Produtor-Arquivo- Padrão de Metodologia Abstrata</i>
15396:2007	CCSDS 910.4-B-2:2005	16102:2012	09	<i>Sistemas Espaciais de Transferência de Dados e de Informação - Modelo de referência para apoio cruzado - Serviços de extensão para enlace espacial</i>
(*)	(*)	16066:2012	10	<i>Sistemas Espaciais de Transferência de Dados e de Informação - Sistema para geração de identificador com base na internet (IBI)</i>
21460:2007	CCSDS 211.1-B-4:2013	15625:2008	11	<i>Sistemas Espaciais de Transferência de Dados e de Informação - Protocolo de enlace espacial com proximidade - 1 - Camada Física</i>
	CCSDS 650.0-M-2:2012	15472:2007	----	<i>Sistemas Espaciais de Transferência de Dados e de Informação - Modelo de Referência para um Sistema Aberto de Arquivamento de Informação (SAAI) (Reference Model for Open Archival Information Systems OAIS).</i>
18438:2013	CCSDS 855.0-M-1:2009	16289:2014	14	<i>Serviços de interfaces embarcadas em veículos espaciais - Serviços de ensaio de sub-rede</i>

- Legend:** 1) **ABNT** - Brazilian Association for Technical Standards
2) **NBR** - Brazilian Standard
3) **RTC** - ABNT Commission of Study CE:08.010.70 Technical Report
(*) The NBR 16066:2012 – System for Generation of Internet Based Identifier was created and produced internally by ABNT CE:08.010.70 Commission of Study.

USEFUL POINTINGS

The two following Website pages of ISO TC20/SC13 Subcommittee:

**ABNT/Brazil Report
47th Meeting of ISO/TC20/SC13 Subcommittee
Informal Meeting
Promoted by DIN/Germany
Hosted by the ESOC/ESA
Darmstadt, German
17 November 2015, Tuesday (15:30-16:40 h)**



1) In ISO Livelink:

<http://isotc.iso.org/livelink/livelink?func=ll&objId=15367262&objAction=browse&viewType=1>

2) In CCSDS-CWE:

<http://cwe.ccsds.org/cmc/docs/Forms/AllItems.aspx?RootFolder=%2fcmc%2fdocs%2fISO%20TC20-SC13%20Subcommittee%2f09%2eISO%20TC20-SC13%20Subcommittee%20Translated%20CCSDS%20and%20Other%20Documents&FolderCTID=&View=%7bD5DD30F7-53FC-45B9-8B93-709B280A475B%7d>

present the list and contents of the Technical Reports (RTCs) written in Portuguese, which have been generated by the ABNT/Brazil technical body named Commission of Study CE 08:010.70 on Space Data and Information Transfer Systems. The same pointed Webpages also provide the listing of the existing ABNT Standards, or NBRs, written in Portuguese, including those originated from the corresponding ISO TC20/SC13 standards, available for acquisition directly from ABNT.

EDUARDO W. BERGAMINI

- Principal Delegate, ABNT/Brazil to 47th ISO TC20/SC13 Meeting
- Coordinator of ABNT/Brazil Commission of Study CE 08:010.70

Darmstadt, Germany – 17 November 2015