

Record of Line-item Letter Ballot Review by TC Chapter for Procedural Review

Region/Locale: **North America**

Global Technical Committee: **Information and Control**

TC Chapter Cochairs: **Brian Rubow (Cimetrix); Jack Ghiselli (Ghiselli Consulting); James Moyne (Applied Materials, University of Michigan)**

Standards Staff: **Inna Skvortsova**

	Scheduled in Background Statement	Actual
Date	07/12/2017	07/12/2017
Location	San Francisco CA	San Francisco CA
Reason for Change of Date and/or Location (if changed)		

Note: See *Regulations* ¶ 9.5 Exception for allowable reason to change.

Document Information

I. Document Number, Title, Lists of Line Items

Document Number 5872C	Document Title LINE ITEM REVISION TO SEMI E172-1015, Specification for SECS Equipment Data Dictionary (SEDD)	
List of Line Items	Line Item 1	Line Item Title Enhancement to E172

Line Item 1 Adjudication

II. Tally

Standards staff to fill in.

Voting Tally: **As-cast tally after close of voting period**

Note: A minimum of 60% of the Voting Interests that have TC Members within the global technical committee that issued the Letter Ballot must return Votes. (*Regulations* ¶ 9.7.1.1)

Voting Tally (with example values):

Voting Interest:	Returned Votes	Distribution	Return Rate	
Letter Ballot	61	÷ 101	= 60.4%	≥60%
Intercommittee Ballot	26			
Voting Interest Reject(s)	0	Total Voters with Rejects		0
Voting Interest Accept(s)	30			

Note: See Regulations § 3.2.1 for definition of Voting Interest.

**III. Rejects
NONE**

**IV. Other Technical Issues
NONE**

Note: TC Chapter may choose to address a technical issue that is not part of a Negative received on a Letter Ballot (i.e., a Comment or a reason not addressed by a Vote response) by handling it as a Negative and finding it related and technically persuasive. The TC Chapter may then fail the Document or address such technical issue by using the procedure defined in Regulations § 9.6.4.3 to make a technical change to the Document. (Regulations ¶ 9.6.2.4.5)

**V. Comments
V- (i) Voters' Comments**

Commenter 1 (Fuchigami, Albert / AFF_Peer) - Comment 1

Comment	<p>*TF/TC Chapter to fill in section/paragraph #, if necessary.</p>
	<p><i>[E172.00-RQ-00004] says requirements can be embedded in the SEDD Schema in xs:documentation fields.</i></p> <ul style="list-style-type: none"> • <i>In the XSD, there are several documentation descriptions specified that do not make sense, making it impossible to fulfil the requirement [E172.00-RQ-00004]</i> • <i>For example, the XSD files have documentation comments such as:</i> <ul style="list-style-type: none"> o <i>Description for "Source" fields are incorrect – description says Max is 80, but actually maxLength = 1024</i> o <i>Description for "SEMISstandard" fields are incorrect – description (ie requirement) does not account for non "E" standards, for example G84 or PV2 which also define SECS data. Also does not account for the .1 standards</i> o <i>Description for "RemoteCommand->AssociatedParameters->IsRequired->Yes/No" are incorrect – they are "Complies to the requirement." And "Does not comply to the requirement. Provide details in the Note section." Which have nothing to do with whether remote command parameters are required.</i> <p><i>A Future Ballot should clean up the description content in the XSD so they are accurate, and this will allow the implementor to fulfil requirement [E172.00-RQ-00004]</i></p>
<p>⏪ ⏩ ↻</p>	<p>The TC Chapter agreed to do one of the following actions.</p>

	*No motion is required in this step.	
	<input type="checkbox"/>	Already addressed by Commenter #, Comment #
	<input checked="" type="checkbox"/>	No further action was taken by the TC Chapter.
	<input type="checkbox"/>	Refer to the TF for more consideration.
	<input type="checkbox"/>	New Business
	<input type="checkbox"/>	Editorial Change
	Options for editorial change (check one)	Case 1: No vote in this section: To be included and voted on as a group in § VI. Editorial Changes Other than Those Voted on in § V.
		Case 2: Voted in this section: Original section number and at least one full sentence are required in "FROM" and "TO" fields.

This table is needed for each Comment.

Commenter 2 (Hoffmann, Christian/AFF_Peer) - Comment 1

Comment	*TF/TC Chapter to fill in section/paragraph #, if necessary.	
	<i>It has to be ensured that the format restrictions (now being referenced from E173) are a mandatory requirement for implementation. Otherwise the (automated) computation of the SEDD-information are getting more complicated if not impossible.</i>	
Action	The TC Chapter agreed to do one of the following actions.	
	*No motion is required in this step.	
	<input type="checkbox"/>	Already addressed by Commenter #, Comment #
	<input checked="" type="checkbox"/>	No further action was taken by the TC Chapter.
	<input type="checkbox"/>	Refer to the TF for more consideration.
	<input type="checkbox"/>	New Business
	<input type="checkbox"/>	Editorial Change
	Options for editorial change (check one)	Case 1: No vote in this section: To be included and voted on as a group in § VI. Editorial Changes Other than Those Voted on in § V.
		Case 2: Voted in this section: Original section number and at least one full sentence are required in "FROM" and "TO" fields.

This table is needed for each Comment.

V-(ii) Comments Created by Handling Negative NONE

VI. Editorial Changes Other than Those Voted on in § V NONE

VII. Approval Conditions Check

VII. - (i). Approval Rate

APPROVAL CONDITION 1: All Negatives have been discussed and were withdrawn, found not related, found not persuasive, or addressed by a technical change. (*Regulations* ¶ 9.7.1.2)

APPROVAL CONDITION 2: At least 90% of the sum of valid Voting Interest Accept and Voting Interest Reject Votes must be Accept. (*Regulations* ¶ 9.7.1.3)

Note: If both approval conditions are not satisfied, the Document fails.

		Accepts		(Accepts + Valid Rejects)					
Approval Rate	=	30	/	30	=	100.0%		≥90%	

VII. – (ii) Approval Level (check one)

Note: See *Regulations* § 9.7.2 for further information.

- Globally Approved (No Ratification Ballot needed):**
Line Item 1 meets the Letter Ballot approval conditions for the global technical committee.
- Need a Ratification Ballot:**
Line Item 1 meets the Letter Ballot approval conditions for the TC Chapter and a Ratification Ballot will be issued to validate technical changes.

Checks for Entire Document Including All Approved Line Items

VIII. Safety Check

Note: This Safety check applies to the entire Standard or Safety Guideline including all the approved Line Items. See § 15 of the *Regulations* for further information.

Motion	<input checked="" type="checkbox"/>	This is not a Safety Document , when all safety-related information is removed, the Document is still technically sound and complete. (<i>Regulations ¶ 8.7.1</i>)
	<input type="checkbox"/>	This is a Safety Document , when all safety-related information is removed, the Document is not technically sound and complete. (<i>Regulations ¶ 8.7.2</i>)
	<input type="checkbox"/>	Safety Checklist (<i>Regulations ¶ 15.3</i>) is complete and has been included with the Document throughout the balloting process. (<i>Regulations ¶ 15.1.2</i>)
Motion by/2nd by		Brian Rubow (Cimetrix) / Chris Maloney (Intel)
Discussion		None
Vote		15 Y-0 N; Motion passed

IX. Intellectual Property (IP) Check

Note: This IP check applies to the entire Standard or Safety Guideline including all the approved Line Items. See § 16 of the *Regulations* for further information.

<input checked="" type="checkbox"/>	The TC Chapter meeting chair asked those participating, if they were aware of any potentially material patented technology or copyrighted items* in the Standard or Guideline. (<i>Regulations ¶ 8.8.1</i>)	
<input checked="" type="checkbox"/>	No potentially material patented technology or reproduction of copyrighted items is known.	GO TO SECTION X.

* **Note:** Such potentially material patented technology or copyrighted items might have become known since the Standard or Safety Guideline was last reviewed, or might become relevant due to this Letter Ballot.

X. Action for This Document

Motion (Check all applicable items)	<input checked="" type="checkbox"/>	Line item(s) [1] passed TC Chapter review as balloted and will be forwarded to the ISC A&R SC for procedural review.	
	Motion by/ 2nd by		Albert Fuchigami (PEER Group) / Brian Rubow (Cimetrix)
	Discussion		NONE
	Vote		14 Y-0N
	Final Action		<input checked="" type="checkbox"/> Motion passed <input type="checkbox"/> Motion failed

Standards staff to record the result of the A&R procedural review here:

A&R	<input type="checkbox"/>	Line item(s) [X], [X] and [X] are Approved for publication
	<input type="checkbox"/>	Line item(s) [X], [X] and [X] are Approved pending acceptance of the Ratification Ballot
	<input type="checkbox"/>	Line item(s) [X], [X] and [X] are Not approved
	Reason:	

