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
Standards Staff: Inna Skvortsova, James Amano

	Scheduled in Background Statement	Actual
Date	07/13/2016	07/13/2016
Location	San Francisco, CA, USA	San Francisco, CA, USA
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 5912A	Document Title LINE ITEM REVISIONS TO: • SEMI E142.1-0211 • SEMI E142.2-0211 • SEMI E142.3-0211	
List of Line Items	**Line Item 1**	**Line Item Title** SEMI E142.1-0211, XML Schema for Substrate Mapping with title change to: Specification for XML Schema for Substrate Mapping
	Line Item 2	**Line Item Title** SEMI E142.2-0211, SECS II Protocol for Substrate Mapping with title change to: Specification for SECS II Protocol for Substrate Mapping
	Line Item 3	**Line Item Title** SEMI E142.3-0211, Web Services for Substrate Mapping with title change to: Specification for Web Services for Substrate Mapping

Line Item 1 Adjudication

II. Tally

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:

Voting Interest:	Returned Votes		Distribution		Return Rate	
Letter Ballot	61	÷	98	=	62.2%	≥60%
Intercommittee Ballot	19					
Voting Interest Reject(s)	2			Total Voters with Rejects	2	
Voting Interest Accept(s)	32					

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

III. Rejects
Voting Interest Reject 1 (Voting Interest Name: Kinesys)
Voter Reject 1 (Voter: Huntley, Dave; Kinesys Software)
Negative 1

<table>
<tr><td rowspan="4">Negative</td><td rowspan="2">Referenced Section/ Paragraph</td><td colspan="2">*TF/TC Chapter to fill in, including text in the ballot if necessary.</td></tr>
<tr><td colspan="2">XML schema</td></tr>
<tr><td rowspan="2">Negative Text</td><td colspan="2">*Original complete Negative text (e.g., issue, justification, suggestion) should be copied.</td></tr>
<tr><td colspan="2">If the XML schema namespace changes there will be an impact on existing implementations that is not justified for this renaming.   I am not clear why this renaming is so important anyway.   As long as the XML schema namespace remains unchanged I will withdraw my reject.</td></tr>
<tr><td colspan="2">TF input (optional)</td><td colspan="2"></td></tr>
<tr><td colspan="2" rowspan="2">Withdrawal (check one)</td><td></td><td>No Negative withdrawal made by Voter.</td><td>GO TO "Related" subsection</td></tr>
<tr><td>X</td><td>Withdrawal document received by Standards staff on 7/13/2016</td><td>GO TO "Final" subsection → (A)</td></tr>
<tr><td rowspan="5">Final</td><td rowspan="5">(check if applicable)</td><td>X</td><td>(A)</td><td>Withdrawn (counted under h in disposition)</td></tr>
<tr><td></td><td>(B)</td><td>Not related (counted under i in disposition)</td></tr>
<tr><td></td><td>(C)</td><td>Related and not persuasive (significant)</td></tr>
<tr><td></td><td>(D)</td><td>Not significant (counted under j in disposition)</td></tr>
<tr><td></td><td>(E)</td><td>Related and persuasive and not addressed by technical change</td><td>DOCUMENT FAILS</td></tr>
</table>

		(F)	Addressed by technical change **(counted under k disposition)**
(check if applicable)		Comment generated. **See Section V-(ii) Comment #** X.

This table is needed for each Negative.

Voting Interest Reject 2 (Voting Interest Name: ST)
Voter Reject 1 (Voter: de Villeneuve, Thierry and STMicroelectronics)
Negative 1

	Referenced Section/ Paragraph	*TF/TC Chapter to fill in, including text in the ballot if necessary.*
Negative		*XML schema chapter 6.2*
	Negative Text	*Original complete Negative text (e.g., issue, justification, suggestion) should be copied.*
		Making such a minor change to the document will imply a new revision number (presumably 0716). I vote REJECT on this ballot if this change implies a change in the schema namespace (chapter 6.2) that currently reflects revision 0211. I would remove my Reject vote if this ballot is not going to change the schema namespace.
		We're having troubles already convincing implementors to make the move from the old urn:semi-org:xsd.E142-1.V1005.SubstrateMap schema to the latest urn:semi-org:xsd.E142-1.V0211.SubstrateMap schema namespace. PLEASE DO NOT ADD MORE CONFUSION with YET ANOTHER schema namespace for which there are no other changes but the namespace. Save a namespace change for a more valid purpose such as a effective update of the SubstrateMap data model.

TF input (optional)	

Withdrawal (check one)		No Negative withdrawal made by Voter.	**GO TO "Related" subsection**
	X	Withdrawal document received by Standards staff on 7/13/2016	**GO TO "Final" subsection → (A)**

Final	**(check if applicable)**	X	(A)	Withdrawn **(counted under h in disposition)**	
			(B)	Not related **(counted under i in disposition)**	
			(C)	Related and not persuasive (significant)	
			(D)	Not significant **(counted under j in disposition)**	
			(E)	Related and persuasive and not addressed by technical change	**DOCUMENT FAILS**
			(F)	Addressed by technical change **(counted under k disposition)**	
	(check if applicable)		Comment generated. **See Section V-(ii) Comment #** X.		

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

V. Comments
None

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	=	34	34	=	100.0%	≥90%

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

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

X	**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.

Line Item 2 Adjudication

II. Tally
Standards staff to fill in.

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

Voting Tally:

Voting Interest:	Returned Votes		Distribution		Return Rate	
Letter Ballot	**61**	÷	**98**	=	**62.2%**	≥60%
Intercommittee Ballot	**19**					
Voting Interest Reject(s)	**1**		Total Voters with Rejects		**1**	
Voting Interest Accept(s)	**33**					

Voting Interest Reject 1 (Voting Interest Name: ST)
Voter Reject 1 (Voter: de Villeneuve, Thierry and STMicroelectronics)
Negative 1

<table>
<tr>
<td rowspan="3">Negative</td>
<td>Referenced Section/ Paragraph</td>
<td colspan="3">*TF/TC Chapter to fill in, including text in the ballot if necessary.

XML schema chapter 6.2</td>
</tr>
<tr>
<td rowspan="2">Negative Text</td>
<td colspan="3">*Original complete Negative text (e.g., issue, justification, suggestion) should be copied.</td>
</tr>
<tr>
<td colspan="3">Making such a minor change to the document will imply a new revision number (presumably 0716). I vote REJECT on this ballot if this change implies a change in the schema namespace (chapter 6.2) that currently reflects revision 0211. I would remove my Reject vote if this ballot is not going to change the schema namespace.

We're having troubles already convincing implementors to make the move from the old urn:semi-org:xsd.E142-1.V1005.SubstrateMap schema to the latest urn:semi-org:xsd.E142-1.V0211.SubstrateMap schema namespace. PLEASE DO NOT ADD MORE CONFUSION with YET ANOTHER schema namespace for which there are no other changes but the namespace. Save a namespace change for a more valid purpose such as a effective update of the SubstrateMap data model.</td>
</tr>
<tr>
<td colspan="2">TF input (optional)</td>
<td colspan="3"></td>
</tr>
<tr>
<td colspan="2" rowspan="2">Withdrawal
(check one)</td>
<td></td>
<td>No Negative withdrawal made by Voter.</td>
<td>GO TO "Related" subsection</td>
</tr>
<tr>
<td>X</td>
<td>Withdrawal document received by Standards staff on 7/13/2016</td>
<td>GO TO "Final" subsection → (A)</td>
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<td>Related and persuasive and not addressed by technical change DOCUMENT FAILS</td>
</tr>
</table>

		(F)	Addressed by technical change (counted under k disposition)
(check if applicable)		Comment generated. See Section V-(ii) Comment # X.

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
None

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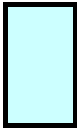
Note: If both approval conditions are not satisfied, the Document fails.

		Accepts	(Accepts + Valid Rejects)			
Approval Rate	=	33	33	=	100.0%	≥90%

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

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

X	**Globally Approved (No Ratification Ballot needed):** Line Item 2 meets the Letter Ballot approval conditions for the global technical committee.

Need a Ratification Ballot:
Line Item 2 meets the Letter Ballot approval conditions for the TC Chapter and a Ratification Ballot will be issued to validate technical changes.

Line Item 3 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:

Voting Interest:	Returned Votes		Distribution		Return Rate	
Letter Ballot	61	÷	98	=	62.2%	≥60%
Intercommittee Ballot	19					
Voting Interest Reject(s)	1		Total Voters with Rejects		1	
Voting Interest Accept(s)	32					

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

Standards staff to fill in.
Voting Interest Reject 1 (Voting Interest Name: ST)
Voter Reject 1 (Voter: de Villeneuve, Thierry and STMicroelectronics)
Negative 1

Negative	**Referenced Section/ Paragraph**	*TF/TC Chapter to fill in, including text in the ballot if necessary.
		XML schema chapter 6.2
	Negative Text	*Original complete Negative text (e.g., issue, justification, suggestion) should be copied.

		Making such a minor change to the document will imply a new revision number (presumably 0716). I vote REJECT on this ballot if this change implies a change in the schema namespace (chapter 6.2) that currently reflects revision 0211. I would remove my Reject vote if this ballot is not going to change the schema namespace. *We're having troubles already convincing implementors to make the move from the old urn:semi-org:xsd.E142-1.V1005.SubstrateMap schema to the latest urn:semi-org:xsd.E142-1.V0211.SubstrateMap schema namespace. PLEASE DO NOT ADD MORE CONFUSION with YET ANOTHER schema namespace for which there are no other changes but the namespace. Save a namespace change for a more valid purpose such as a effective update of the SubstrateMap data model.*

TF input (optional)			
Withdrawal (check one)		No Negative withdrawal made by Voter.	**GO TO "Related" subsection**
	X	Withdrawal document received by Standards staff on 7/13/2016	**GO TO "Final" subsection → (A)**

Final	**(check if applicable)**	X	**(A)**	Withdrawn **(counted under h in disposition)**	
			(B)	Not related **(counted under i in disposition)**	
			(C)	Related and not persuasive (significant)	
			(D)	Not significant **(counted under j in disposition)**	
			(E)	Related and persuasive and not addressed by technical change	**DOCUMENT FAILS**
			(F)	Addressed by technical change **(counted under k disposition)**	
	(check if applicable)		Comment generated. **See Section V-(ii) Comment #** X.		

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 (Gino Grispieri / AMAT) - Comment 1

Comment		****TF/TC Chapter to fill in section/paragraph #, if necessary.***
		The document E142.3 needs to be consistent with the rest of the associated documents when refering to each other. The word 'standard' is used here in more than one place. It should be changed to 'specification'. You may also need to check with SEMI publications if this word needs to be in upper case. This will force the editorial changes to be done in all the referenced documents.
Action		**The TC Chapter agreed to do one of the following actions.**
		*No motion is required in this step.
		Already addressed by Commenter #, Comment #

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X	No further action was taken by the TC Chapter.
	Refer to the TF for more consideration.
	New Business
	Editorial Change

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	=	32	32	=	100.0%	≥90%

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

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

X	**Globally Approved (No Ratification Ballot needed):** Line Item 3 meets the Letter Ballot approval conditions for the global technical committee.
	Need a Ratification Ballot: Line Item 3 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 <u>applies to the entire Standard or Safety Guideline</u> including all the approved Line

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Items. See § 15 of the *Regulations* for further information.

Motion	X	**This is not a Safety Document**, when all safety-related information is removed, the Document is still technically sound and complete. (*Regulations* ¶ 8.7.1)
		This is a Safety Document, when all safety-related information is removed, the Document is not technically sound and complete. (*Regulations* ¶ 8.7.2)
		Safety Checklist (*Regulations* ¶ 15.3) is complete and has been included with the Document throughout the balloting process. (*Regulations* ¶ 15.1.2)
Motion by/2nd by		Gino Crispieri (AMAT) / Jack Ghiselli (Ghiselli Consulting)
Discussion		None
Vote		17 **Y**-0 **N**; Motion passed

IX. Intellectual Property (IP) Check

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

| X | 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. (*Regulations* ¶ 8.8.1) | |
| | X | 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)	X	Line item(s) [1], [2] and [3] passed TC Chapter review as balloted and will be forwarded to the ISC A&R SC for procedural review.
		Line item(s) [X], [X] and [X] passed TC Chapter review with editorial changes and will be forwarded to the ISC A&R SC for procedural review.
		Line item(s) [X], [X] and [X] passed TC Chapter review with technical changes and with or without editorial changes and will be forwarded to the ISC A&R SC for procedural review. A Ratification Ballot will be issued to verify the technical changes.
		Line item(s) [X], [X] and [X] failed TC Chapter review and will be returned to the TF for rework.
		Line item(s) [X], [X] and [X] failed TC Chapter review and work will be discontinued.
Motion by/ 2nd by		Christian Hoffmann (Peer Group) / Brian Rubow (Cimetrix)
Discussion		None
Vote		21 **Y**-0 **N**
Final Action	X	Motion passed
		Motion failed

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

| **A&R** | | **Line item(s) [X], [X] and [X] are Approved for publication** |
| | | **Line item(s) [X], [X] and [X] are Approved pending acceptance of the Ratification Ballot** |

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Line item(s) [X], [X] and [X] are Not approved	
Reason:	