

Procedural Review Voting Sheet 2014 Cycle 1

- 1 REGION: Japan
- 2 COMMITTEE: Physical Interfaces & Carriers Committee
- 3 EVENT: Japan Spring Meetings 2014
- 4 DATE OF MEETING: 2014/4/18
- 5 PLACE OF MEETING: SEMI Japan, Tokyo
- 6 COMMITTEE CO-CHAIRS: Tsuyoshi Nagashima / Miraial, Tsutomu Okabe / TDK, Kenji Yamagata / Daifuku
- 7 SEMI STAFF: Chie Yanagisawa

A&R Voter: Name/Company
Date: 200X/MM/DD

I. Document Number & Title

Document 5626	Document Title: LINE ITEM REVISIONS TO SEMI E154-0713, MECHANICAL INTERFACE SPECIFICATION FOR 450 mm LOAD PORT AND TO SEMI E166-0513, SPECIFICATION FOR 450 mm CLUSTER MODULE INTERFACE: MECHANICAL INTERFACE AND TRANSPORT STANDARD FOR ADDITION OF EFEM POCKET
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II-1 Line item 1

Line Item 1	Line Item Title: New section 11 in the E154 for EFEM Lower Robot Volume, Add the related information in the E154 & E166
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1. Tally (Staff to fill in)

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

A minimum of 60% of the voting interests that have voting members within the technical committee must return votes. (Regulations ¶ 9.6.1)

	Return		Distribution		Return Rate	
Yellow	44	÷	69	=	63.8%	>=60%
Lilac & Others	23					
Total Vote	67					
Reject	0					
Accept	28					

A&R	Not approved
	Reason:

2. Rejects

There was no reject vote received for Line Item 1 of the document 5626.

3. Comments

Comment 1

Comment	Referenced Section	*TF/Committee to fill in if necessary
	From	Alan Crocket (KLA-tencor)
	Comment	R1-5.1 (E154) change increase the wafer transfer plane to increase the height of the wafer transfer plane. It’s not clear how the transfer plane is being increased as this is worded in the ballot. The corresponding text for E166 is clear that the height of the wafer transport plane is being increased.
	Discussion	The comment is relevant but it could be an editorial changes as below.
Action proposed	The committee agreed to do one of the following actions.	
	*No motion is required in this step.	
	<input type="checkbox"/>	No further action was taken by the committee.
	<input type="checkbox"/>	Refer to the task force for more consideration.
	<input type="checkbox"/>	New Business
	<input type="checkbox"/>	Other
	Editorial Change	Refer to the description of E166 to ease understanding to E154.
	<input type="checkbox"/>	Case 1: No vote in this section : To be included and voted on in <u>4. Summary of Editorial Changes.</u>
	X	Case 2: Voted in this section : Original section number and at least one full sentence are required in “FROM” and “TO” fields.
	1	FROM: Section R1-2.1 of Related Information 1 of SEMI E154 To: Section R1-2.1 of Related Information 1 of SEMI E154 <u>SEMI E166 —Specification for 450 mm Cluster Module Interface: Mechanical Interface and Transport Standard</u> Justification (If necessary)

2	<p>FROM: Section R1-5.1 of SEMI E154</p> <p>In some SME applications there is a requirement to increase the wafer transfer plane to the processing side of the EFEM. This requirement in combination with the load port height specified in this document place design constraints on available atmospheric robot options. For those SME applications where typical options do not meet the design needs an EFEM Robot Lower Volume has been provided. This volume can be utilized to extend the available volume for a traditional atmospheric robot to operate.</p>
	<p>To: Section R1-5.1 of SEMI E154</p> <p>In some SME applications there is a requirement to increase the wafer transfer plane to the processing side of the EFEM. This requirement in combination with the load port height specified in this document place design constraints on available atmospheric robot options. For those SME applications where typical options do not meet the design needs an EFEM Robot Lower Volume has been provided. This volume can be utilized to extend the available volume for a traditional atmospheric robot to operate. NOTE: Refer to the R1-3 of SEMI E166 for necessity of deferent transport planes.</p>
Justification (If necessary)	
Motion by/2nd	Shoji Komatsu (Acteon) / Mitsuhiro Matsuda (Hitachi Kokusai Electric)
Vote	11-0 Motion passed
A&R	Not approved
	Reason:

4. Summary of Editorial Changes

There is no editorial change at this section.

5. Approval Conditions Check

APPROVAL CONDITION 1: All negatives have been discussed and were withdrawn, found not related, or not persuasive. (Regulations ¶ 9.6.2)

APPROVAL CONDITION 2: At least 90% of the sum of the valid accept and reject votes must be accept. (Regulations ¶ 9.6.3)

Note: if both approval conditions are not satisfied, the balloted item fails.

		Accepts		(Accepts + Valid Rejects)					
Approval Rate	=	28	/	28	=	100.0%		>=90%	

6. Preliminary action for this line item

Motion	<input type="checkbox"/>	This line item passed committee review as balloted.
	<input checked="" type="checkbox"/>	This line item passed committee review with editorial changes
	<input type="checkbox"/>	This line item failed committee review and will be returned to the task force for rework.
	<input type="checkbox"/>	This line item failed committee review and work will be discontinued.
Motion by/ 2nd by		Shoji Komatsu (Acteon) / Supika Mashiro (Tokyo Electron)
Discussion		None
Vote		11-0
Final Action	<input checked="" type="checkbox"/>	Motion passed
	<input type="checkbox"/>	Motion failed
A&R	<input type="checkbox"/>	Approved
	<input type="checkbox"/>	Not approved
	Reason:	

II-2 Line item 2

Line Item 2

Line Item Title: Correction the z105 of table1 in E154

1. Initial Tally

	Return		Distribution		Return Rate	
Yellow	44	÷	69	=	63.8%	>=60%
Lilac & Others	23					

Total Vote	67					
Reject	0					
Accept	30					

2. Rejects

There was no reject vote received for Line Item 2 of document 5626.

3 Comments

There was no comment received for Line Item 2 of document 5626.

4. Summary of Editorial Changes

There is no editorial change at this section.

5. Approval Conditions Check

APPROVAL CONDITION 1: All negatives have been discussed and were withdrawn, found not related, or not persuasive. (Regulations ¶ 9.6.2)

APPROVAL CONDITION 2: At least 90% of the sum of the valid accept and reject votes must be accept. (Regulations ¶ 9.6.3)

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

Note: if both approval conditions are not satisfied, the balloted item fails.

6. Preliminary action for this line item

Motion	<input checked="" type="checkbox"/>	This line item passed committee review as balloted.
	<input type="checkbox"/>	This line item passed committee review with editorial changes
	<input type="checkbox"/>	This line item failed committee review and will be returned to the task force for rework.
	<input type="checkbox"/>	This line item failed committee review and work will be discontinued.
Motion by/ 2nd by		Shoji Komatsu (Acteon) / Supika Mashiro (Tokyo Electron)
Discussion		None
Vote		11-0
Final Action	<input checked="" type="checkbox"/>	Motion passed
	<input type="checkbox"/>	Motion failed
A&R	<input type="checkbox"/>	Approved
	<input type="checkbox"/>	Not approved
	Reason:	

III. Safety Check

This section applies to the entire document.
See Section 14 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.
	<input type="checkbox"/>	This is a Safety Document: when all safety-related information is removed, the document is not technically sound and complete.
	<input type="checkbox"/>	Safety Checklist is complete and has been included with the document throughout the balloting process. (Regulations ¶ 14.3)
Motion by/ 2nd by		Shoji Komatsu (Acteon) / Supika Mashiro (Tokyo Electron)
Discussion		None
Vote		11-0 Motion passed
A&R	<input type="checkbox"/>	Not approved
	Reason:	

IV. Intellectual Property Check

Note: This ballot may be all or part of a Standard or Safety Guideline. This IP check applies to the entire Standard or Safety Guideline. See § 15 of the Regulations for further information

<input checked="" type="checkbox"/>	The meeting chair asked those present in person or by electronic link, if they were aware of any potentially material patented technology or copyrighted items* in the Standard or Guideline.	
<input type="checkbox"/>	No potentially material patented technology or copyrighted items are known	GO TO SECTION V
<input checked="" type="checkbox"/>	Potentially material patented technology or copyrighted items are known but a Letter of Assurance (LOA) or copyright release for such material has been obtained or presented to the committee.	GO TO SECTION V
<input type="checkbox"/>	Potentially material patented technology or copyrighted items are known but an LOA or copyright release for some of the material(s) has NOT been obtained or presented to the committee	
MOTION	<input type="checkbox"/>	Ask ISC for special permission to publish
	<input type="checkbox"/>	Quit activity
	<input type="checkbox"/>	Wait for LOA for patented technology or release of copyrighted items.
Motion by/2 nd by		Name (Company)/Name (Company)
Discussion		XXXX
Vote		XX-XX
Final Action		<input type="checkbox"/> Motion Passed
		<input type="checkbox"/> Motion Failed
A&R	<input type="checkbox"/>	Not approved
	Reason:	

* 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 ballot.

V. Action for this document

Motion (Check all applicable items)	<input checked="" type="checkbox"/>	Line item(s) 2 passed committee review as balloted and will be forwarded to the A&R for procedural review.
	<input checked="" type="checkbox"/>	Line item(s) 1 passed committee review with editorial changes and will be forwarded to the A&R for procedural review.
	<input type="checkbox"/>	Line item(s) [X], [X] and [X] failed committee review and will be returned to the task force for rework.
	<input type="checkbox"/>	Line item(s) [X], [X] and [X] failed committee review and work will be discontinued.
Motion by/ 2nd by	Shoji Komatsu (Acteon) / Supika Mashiro (Tokyo Electron)	
Discussion	None	
Vote	11-0	
Final Action	<input checked="" type="checkbox"/>	Motion passed
	<input type="checkbox"/>	Motion failed
A&R	<input type="checkbox"/>	Approved
	<input type="checkbox"/>	Not approved
	Reason:	