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

Region/Locale: Japan

Global Technical Committee: Traceability

TC Chapter Cochairs: Yoichi Iga (Toshiba), Hirokazu Tsunobuchi (Keyence)

Standards staff: Chie Yanagisawa

	Scheduled in Background Statement	Actual
Date	12/15/2017	12/15/2017
Location	Tokyo Big Sight, Tokyo, Japan	Tokyo Big Sight, Tokyo, Japan

Document Information

I. Document Number, Title, Lists of Line Items

Doc 6293	ument Number	Document Title SEMI T15-0812 "GENERAL SPECIFICATION OF JIG ID: CONCEPT" With Non-Conforming Title Change to "SPECIFICATION FOR JIG ID: CONCEPT"
	Line Item 1	Line Item Title Change nonconforming title
	Line Item 2	Line Item Title Add section title to meet the requirement which is specified section 3.2 of Procedure Manual
List of		
of Line		
e Items		
ms		

Line Item 1 Adjudication

II. Tally (Standards staff to fill in)

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

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:

Returned Votes		Distribution		Return Rate	
37	÷	50	=	74.0%	>=60%
27					
0		Total	Vote	rs with Rejects	0
21					
	37 27 0	37 ÷ 27 0	37 ÷ 50 27 0 Total	37 ÷ 50 = 27 0 Total Vote	37 ÷ 50 = 74.0% 27 0 Total Voters with Rejects

III. Rejects

There is no reject vote to Line Item 1 of Ballot 6293.

IV. Other Technical Issues

There is no other technical issue to Line Item 1 of Ballot 6293.

V. Comments

There is no comment to Line Item 1 of Ballot 6293.

V-(ii) Comments Created by handling Negative

There is no comment created by handling Negative to Line Item 1 of Ballot 6293.

VI. Editorial Changes other than those dealt with in Section V.

There is no editorial change other than those dealt with in Section V to Line Item 1 of Ballot 6293.

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APPROVAL CONDITION 1: All Negatives have been discussed and were withdrawn, found not related, found not persuasive, or addressed by a Technical Change.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	=	21	/	21	=	100.0%	>=90%

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

See § 9.7.2 of the *Regulations* for further information

,	Line Item 1 meets the Letter Ballot Approval Conditions for the global technical committee
	Line Item 1 meets the Letter Ballot Approval Conditions for the TC Chapter and a Ratification Ballot will be issued to verify Technical Changes

Line Item 2 Adjudication

II. Tally (Standards staff to fill in)

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

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. ($Regulations \ \P 9.7.1.1$)

Voting Tally:

Voting Interest:	Returned Votes		Distribution		Return Rate	
Letter Ballot	37	÷	50	=	74.0%	>=60%
Intercommittee Ballot	27					
Voting Interest Reject(s)	1		Total	Vote	rs with Rejects	1
Voting Interest Accept(s)	19					

III. Rejects

Voting Interest Reject 1 (Voting Interest Name: Materials & Metrology)

Voting Interest Reject 1- Voter Reject 1 (Voter: Murray Bullis and Materials & Metrology)

Negative 1 of Voting Interest Reject 1- Voter Reject 1

Negative	Referenced Section/ Paragraph	*TF/TC Chapter to fill in including text in the ballot if necessary. *Line·Item·#2:·Add·section·title·to·meet·the·requirement·which·is·specified·section·3.2·of·Procedure Manual The·following·changes·also·show·in·the·full·document·texts·as·in·the·following·pages.·· *G:·Requirement Comparison of the full document texts as in the following pages.·· *G:·C:1··Types·of·IDs Comparison of the full document texts as in the following pages.·· *The following changes also show in the full document texts as in the following pages.·· *G:·Requirement Comparison of the full document texts as in the following pages.·· *The following changes also show in the full document texts as in the following pages.·· *The following changes also show in the full document texts as in the following pages.·· *The following changes also show in the full document texts as in the following pages.·· *The following changes also show in the full document texts as in the following pages.·· *The following changes also show in the full document texts as in the following pages.·· *The following changes also show in the full document texts as in the following pages.·· *The following changes also show in the full document texts as in the following pages.·· *The following changes also show in the full document texts as in the following pages.·· *The following changes also show in the full document texts as in the following pages.·· *The following changes also show in the full document texts as in the following pages.·· *The following changes also show in the full document texts as in the following pages.·· *The following changes also show in the full document texts as in the following pages.·· *The following changes also show in the full document texts as in the following pages.·· *The following changes also show in the full document texts as in the following pages.·· *The following changes also show in the full document texts as in the following pages.·· *The following changes also show in the full document texts as in the full docume
	Negative Text	*Original complete Negative text (e.g., issue, justification, suggestion) should be copied.

				'Related' is mutually a	agreed upon. (N	eeds no Motion.	1	O TO	"Persuasive"		
		tion and	X	Negative is not relate	d. (Needs ≥2/3	votes to pass.)	S	ubsection			
		Reason eck one)		Reason	It is an obv	ious typographica ror and should be			is an issue of ditorial Change"		
Re	Moti	on by/2nd by	Hiro	irokazu Tsunobuchi (Keyence) / Sadao Kumai (Kumai Consulting)							
Related	Dis	scussion	Non	None							
			2-0;	; Motion passed.							
		ult of Vote eck one)		[Negative is not relate	ed.] <2/3			O TO "Per subsection	suasive"		
	(61)	eck one,	X	2/3≤ [Negative is not	related.]			GO TO "Fin subsection			
				Negative is related ar	nd persuasive. (Needs >1/3 votes	s to pa	ass.)			
	F	etion and Reason eck one)		Negative is related ar	nd not persuasiv	ve. (Needs ≥2/3 v	otes to	o pass.)			
				Reason XXXX							
Pe	Moti	on by/2nd by	Name (Company)/Name (Company)								
Persuasive	Dis	cussion									
Vist			XX-	-XX; Motion passed/fai	led.						
e				[Negative is related a >1/3	and persuasive.]	Is a Technical Change Recommended	T	GO TO "Add echnical C Option" sub	hange		
		ult of Vote eck one)		[Negative is relation persuasive.] <2/3	ted and not		N	OTO "Fin	al"		
	(0	ook ono,		2/3≤ [Negative is repersuasive.] <90%	elated and not						
				90% ≤ [Negative is re	lated and not	GO TO "Not Sig subsection	nifica	nt Finding	Option"		
	Tech	nical Chan	ae Ro	persuasive.]	TF	subsection					
Address by Technical Change Option	Note: "TO"	Original s fields.	ectio	on/paragraph number	and at least or	ne full sentence a	are re	quired in "I	FROM" and		
s by T		FROM:	Sect	tion/Paragraph XXX							
echn	Te	TO: Se	ection	n/Paragraph xxx							
ical Cł	chnica	Justifi	catio	ation (If necessary)							
nange (Technical Change	FROM:	Sect	tion/Paragraph XXX							
Option	ıge	2 TO: Se	ection	n/Paragraph xxx							

		Justific	cation	ı (lf	nece	essary)				
	Motio	n .			Negative is addressed by the Technical Change.					
	Motio	n by/2nd b	у		Nam	ie (Comp	any)/Name (Company)			
	Discu	ssion								
					XX-X	XX; Motic	on passed/failed.			
	Result of Vote (check one)			eck		2/3≤ [Ne Change.	gative is addressed by the Technical	GO TO "Incorporation of the Technical Change" subsection		
						[Negative Change.]	e is not addressed by the Technical] < 2/3	GO TO "Final" subsection → (E)		
		Motion			To iı	ncorpora	te the Technical Change.			
	Inco	Motion by/	2nd k	ру	Nam	e (Comp	any)/Name (Company)			
	orpor	Discussion	ssion							
	ation				XX-X	X; Motio	on passed/failed.			
	Incorporation of the Technical Change		Result of Vote		90% ≤ [Agree to incorporate.]			GO TO "Final" subsectio → (F)		
	Φ	(check	one			[Disagre	e to incorporate.]>10%	GO TO "Final" subsection → (E)		
	Use of "Not				mu ificar		greed upon to term the Negative "no	→ (D)		
Not Simple and Finding		of "Not Inificant					greed upon to term the Negative no			
	(check one)						ed upon to term the Negative "significant"			
1	_				/hether or not the Negative is "not significant" is decided by a vote.					
,		lotion	ine	neg	ative	is "not si	gnificant".			
	WOU	on by/2nd by	Nam	ie (C	omp	any)/Nan	ne (Company)			
		Vote		XX -2	XX; I	Motion pa	assed with simple majority	GO TO "Final" subsection → (D)		
						Motion fai	iled with simple majority	GO TO "Final" subsection → (C)		
					(/	A)	withdrawn (counted under h in disposition			
			X		(1	3)	not related (counted under i in disposition	on)		
		heck if			(0	C)	related and not persuasive (significant)			
<u>π</u>	applicable)				(I)	not significant (counted under j in dispos	sition)		
7					(1	=\	related and persuasive and not	DOCUMENT FAILS		
					γ.	≣)	addressed by Technical Change	DOGGINE!!!!!!!		
		heck if				= <i>)</i> =)	addressed by Technical Change (counter			

Disposition of Voting Interest Reject 1

1	Original number	r of N	(g)							
0	# of Negatives \	withd	rawn		(h)					
1	# of Negatives f	ound	not related		(i)					
0	# of Negatives f	ound	not significant		(j)					
0	# of Negatives a not significant)	addre	ange (Negative becomes	(k)						
			\times g - (h + i + j + k) =			Reject is Not Valid and is not included in the denominator of § VII. Approval Conditions Check				
	Final		g - (h + i +j + k) >0	Reject is included in the denominator of § VII. Approval Conditions Check						
			Reject without a Negative	Not Valid						

Note: If all of the Negatives included with a Reject Vote are withdrawn, determined to be not related, or determined to be not significant, the Reject Vote is not valid. (*Regulations* ¶ 9.4.3.3)

Note: A Negative addressed by a technical change is automatically considered to be not significant. (*Regulations* ¶ 9.6.4.4.2)

IV. Other Technical Issues

There is no other technical issue to Line Item 2 of Ballot 6293.

V. Comments

V- (i) Voters' Comments

Commenter 1 (Mitsuhiro Matsuda / Hitachi Kokusai Electric Inc.) - Comment 1

	*TF	/TC Chapte	er to	fill in, if necessary.					
Comment	Editorial Change is required from"7.1 Data Format" to "6.2. Data Format".								
men									
 									
-	Th	o TC Chant	or or	aread to do one of the following actions					
		The TC Chapter agreed to do one of the following actions.							
	*No motion is required in this step.								
Þ		Already addressed by Commenter #, Comment #							
Action		No further action was taken by the TC Chapter.							
Γ		Refer to the TF for more consideration.							
		New Busin	ness						
	Х	X Editorial Change							
		Options		Case 1: No vote in this section :					
		for Editorial		To be included and voted on in § VI. Summary of Editorial Changes.					
		Change		Case 2: Voted in this section :					
		(check one)		Original section number and at least one full sentence are required in "FROM" and "TO" fields.					

		FROM: Section/Paragraph xxx "7.1 Data Format" of the explanation part of Line Item 2							
		TO: Section/Paragraph xxx 6.2 Data Format of the explanation part of Line Item 2							
Editorial Change	1	Justification (If necessary) It is an obvious typographical error. As explained in "III Reject" part, the numbering of the explanation part of Line Item 2 of this ballot on page 2 shows "7.1 Data Format", on the other hand, "6 Requirement" section in the full text part with additions and deletions of this ballot on page 4 shows "6.2 Data Format". The numberings of both do not correspond caused by an editorial error. The number "6.2 Data Format" is correct.							
θĽ		FROM: Section/Paragraph xxx							
	2	TO: Section/Paragraph xxx							
		Justification (If necessary)							
М	otion	1	To approve above editorial change(s)						
M	Motion by/2nd by		Hirokazu Tsunobuchi (Keyence) / Sadao Kumai (Kumai Consulting)						
Di	iscus	ssion	None						
V	ote		2-0; Motion passed						

Comment (Created by handling Negative) NC - 1

*TF/TC Chapter to fill in The format of line item 2 is incorrect. I have sent a corrected file to the staff member involved. DRAFT 673 S. Milpitas Bivd. semi **Document Number: 6293** Milpitas, CA 95035-5446 Phone: 408.943.6900 Date: 2017/10/20 6 Requirements ETTER BALLO 6.1 Types of IDs 6.1.1 This Standard describes identification mechanism to allow automatic reading or writing as shown below. · 2D Codes - Data Matrix (ECC200) RFIDs 7.1 Data Format 7.62.1 Both of the following ID part and DATA part shall be contained in the JIG ID Tag. They shall exist on the same 7.4.14 ID part — The ID part within the JIG ID is a part describing consolidated identification data to identify the jigs. The requirements of the ID part are specified as following. 7.2.1.1.4 The ID part exists on any JIG IDs. 7.2.1 4.2 Number of Digits - The number of digits contained in the ID part shall be fixed to 16 digits. \$2.14.3 Attribute — Information on the ID part shall be represented in Visible ASCII Characters (2016-7E16). 1.2.15.4 Information Alteration — No alternation to information on the ID part shall be allowed. To 2.14.5 Format — Information on the ID part consists of Supplier Code, year and month of manufacturing and a serial number. 6.2.1.4.5.1 I Supplier Codes — A series of Visible ASCII Characters (2014-7E16) to identify supplier with 3-character. 7.2.1.6.5.7.2 List of Suppliers Codes is to be provided by the separated Auxiliary Document. 16.2.14.51.3 Year and Month of Manufacturing — The year and month of manufacturing shall be expressed in a fourdigit number as shown below. 76.2.1.4.53.4 YY shall be the last two digits of the year. MM shall be two digits month of year. For example, January shall be designated as 01 and October shall be designated as 10. 76.2.1.4.5.2 Serial Number — The serial numbers shall be expressed in nine-digit of alpha-numerical codes. Space codes or Null codes shall not be allowed. Duplicated serial numbers shall not be used if 'year and month of manufacturing' is equivalent. 7.6.2.4.2.1 The DATA part is the optional information for the JIG ID. The DATA part contained in JIG ID shall be used for such supplemental information as notes of the requirements, conditions and history of the JIG. The specification of the DATA part is as below. 16.2.5.2.2 Number of Digits — Although the number of digits of the DATA part is not stipulated in particular, the number shall be the minimum necessary to achieve the purpose abovementioned. The following example may help understanding: Even though there is a case where approximately. 256 byte letters are used for the primary memory to describe the number of shots and the history of errors, the limitation on the number of digits for the DATA part depends on the amount of memory held by the RFID tag. 16.24.2.3 Attribute - Information on the DATA part shall be represented in Visible ASCII Characters (2016-7E16). 76.2.5.2.4 Information Alteration - No considerations are given to whether or not information on the DATA part is available for alteration. This information is available to read only, record, or read and write data. 7 #2.\$2.5 Security Information Data — Security information data will be to described in the DATA Part. Users describe contents of the Security information data optionally. Therefore, this document does not define the exact content of the DATA. Page 4 Doc. 6293 @ SEMI®

	The	e TC Chapter agreed to do one of the following actions.								
		o motion is required in this step.								
	Х	Already addressed by Commenter 1, see comment 1								
Action		No further a	ction was taken by the TC Chapter.							
Б		Refer to the	TF for more consideration.							
		New Busine	SS							
		Editorial Cha	litorial Change							
		Options	Case 1: No vote in this section :							
		for Editorial	To be included and voted on in § VI. Editorial Changes other than those dealt with in Section V.							
		Change	Case 2: Voted in this section :							
		(check one)	Original section number and at least one full sentence are required in "FROM" and "TO" fields.							
		FROM: Section/Paragraph xxx								
F	1	TO: Section/Paragraph xxx								
ditorial		Justification (If necessary)								
Editorial Change	2	FROM: Section/Paragraph xxx								
Đ		TO: Section/Paragraph xxx								
		Justification (If necessary)								
М	otion	1	To approve above editorial change(s)							
M	otion	by/2nd by	Name (Company)/Name (Company)							
Di	iscus	sion	XXXX							
V	ote		XX-XX; Motion passed/failed.							

VI. Editorial Changes other than those dealt with in Section V. There is no editorial change other than those dealt with in Section V.

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	=	19	1	19	=	100.0%	>=90%

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

See § 9.7.2 of the Regulations for further information

Line Item 2 meets the Letter Ballot Approval Conditions for the global technical committee
Line Item 2 meets the Letter Ballot Approval Conditions for the TC Chapter and a Ratification Ballot will be issued to verify Technical Changes

Checks for Entire Document Including All Approved Line Items

VIII. Safety Check
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.

This is not a Safety Document, when all safety-related information is removed, the is still technically sound and complete. (Regulations ¶ 8.7.1)										
Motion		This is a Safety Document, when all safety-related information is removed, the Document it technically sound and complete. (<i>Regulations</i> ¶ 8.7.2)								
			Safety Checklist (<i>Regulations</i> ¶ 15.3) is complete and has been included with the Document throughout the balloting process. (<i>Regulations</i> ¶¶ 15.1.2)							
	Motion by/2nd			Hirokazu Tsunobuchi (Keyence) / Sadao Kumai (Kumai Consulting)						
	D	iscu	ıssion	None						
		V	ote	2-0; Motion passed						

X. 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

a	approved Line items. See § 16 of the Regulations for further information.									
Х		C Chapter meeting chair asked those participating, if they were aware of any potentially material ted technology or copyrighted items* in the Standard or Guideline. (<i>Regulations</i> ¶ 8.8.1)								
	X		otentially n righted iter	GO TO SECTION X						
	Potentially material patented technology or reproduction of copyrighted items are known, but a Letter of Assurance (LOA) or copyright release letter for such items has been obtained or presented to the TC Chapter.									
	Potentially material patented technology or reproduction of copyrighted items use of such materials is technically justified by the TC Chapter, but an LOA or release letter for some of the item(s) has NOT been obtained or presented to									
	M		Ask ISC f	or special permission to publish.						
	MOTION		Quit activ	ity.						
	ž		Wait for L	OA for patented technology or release of copyrighted items.						
	Mot	ion by	/2 nd by	Name (Company)/Name (Company)						
	Di	scus	sion	XXXX						
	Vote			XX-XX						
	Final Action				Motion Passed					
					Motion Failed					

^{*} 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

ole	X		ine item(s) [1] passed TC Chapter review as balloted and will be forwarded to the A&R for rocedural review.							
on pplicable s)	X		tem(s) [2] passed TC Chapter review with editorial changes and will be forwarded to the A&R occdural review.							
Motion (Check all app items)		editor	Line item(s) [X] and [X] passed TC Chapter review with Technical Changes and with or withor editorial changes and will be forwarded to the A&R SC for procedural review. A Ratification Ball will be issued to verify the Technical Changes.							
(Chec			ine item(s) [X], [X] and [X] failed TC Chapter review and will be returned to the task force for ework.							
		Line i	tem(s) [X], [X] and [X] failed TC Chapter review and work will be discontinued.							
Motion by	n by/ 2nd by		Hirokazu Tsunobuchi (Keyence) / Sadao Kumai (Kumai Consulting)							
Discu	ssior	ì	None							
Vo	te		2-0							
Final A	otio	,	X Motion passed							
rillai A	ACHOR		Motion failed							

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

		Line item(s) [X], [X] and [X] are approved for publication								
A&R		Line item(s) [X], [X] and [X] are approved pending for acceptance of the Ratification Ballot								
		Line item(s) [X], [X] and [X] are Not approved								
	Reason:									