



Information & Control <China> TC Chapter Meeting Summary and Minutes

China Summer Standards Meeting 2023

August 8th, 2023, 10:00-12:35

Hybrid Meeting

TC Chapter Announcements

Next TC Chapter Meeting

China Winter Standards Meeting 2023

TBD

Table 1 Meeting Attendees

Italics indicate virtual participants

Co-Chairs: Clare LIU (KXWARE)

SEMI Staff: Isadora Jin, Cassie Li, Ein Wu

<i>Company</i>	<i>First</i>	<i>Last</i>	<i>Company</i>	<i>First</i>	<i>Last</i>
KXware	Clare	Liu	AMEC	Han	Cao
KXware	Yufeng	Huang	AMEC	Xuefeng	Shi
<i>Naura</i>	<i>Tao</i>	<i>Tian</i>	AMEC	Qiulong	Zhu
<i>Naura</i>	<i>Jinsheng</i>	<i>Fu</i>	Amkor	Elton	He
<i>NeuCloud</i>	<i>Lin</i>	<i>Cui</i>	<i>Amkor</i>	<i>Kyle</i>	<i>Liang</i>
<i>FA Software</i>	<i>Huisheng</i>	<i>Liang</i>	<i>Amkor</i>	<i>Seth</i>	<i>Hu</i>
FA Software	Lingzhi	Lv	Wuchine	Rick	Ho
Semitronix	Xing	Fan	SMEE	Xingya	Yu
DINGGE	Ming	Yao	SMEE	Kaijun	Zhang
<i>CK plas</i>	<i>Maggie</i>	<i>Wan</i>	SEMI-TECH	Qiuyan	Zhou
<i>VCIMSOFT</i>	<i>Yuebo</i>	<i>Li</i>	<i>Cimetrix</i>	<i>Rui</i>	<i>Zhou</i>
<i>Screen</i>	<i>Takayuki</i>	<i>Nishimura</i>	<i>Glorysoft</i>	<i>Takky</i>	<i>Xu</i>

Table 2 Leadership Changes

<i>WG/TF/SC/TC Name</i>	<i>Previous Leader</i>	<i>New Leader</i>
ABFI TF	Clare (KXWARE) Elton (AMKOR) Jia LU (TongFu Microelectronics)	Clare (KXWARE) Elton (AMKOR) Jia LU (TongFu Microelectronics)

Table 3 Committee Structure Changes

<i>Previous WG/TF/SC Name</i>	<i>New WG/TF/SC Name or Status Change</i>
None	None



Table 4 Ballot Results

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>	<i>A&R Forms for Approved Ballots</i>
7018	Line Item Revisions to SEMI E87-0921, Specification for Carrier Management(CMS) and E87.1-0921, Specification for SECS-II Protocol for Carrier Management(CMS)		
LI-1	<ul style="list-style-type: none"> a. In section 10.7.3.4.1, deleted “until the Slot Map has been read successfully by the equipment at the Substrate Port” since it is not a necessary condition if BypassScanSlotMap is true. b. In section 10.7.3.4.2, removed Slot Map read as a condition of Slot Map Verification Failed. c. In section 10.7.3.4.3, added BypassScanSlotMap to be one condition of Slot Map Verification OK. d. In Table 7 Carrier State Transition Definition, transition#13 ~ #15, added BypassScanSlotMap variable in trigger condition. e. In section 10.7.5, added statement of BypassScanSlotMap variable and how Slot Map is verified with this configuration variable. f. In section 10.7.7, re-organized the paragraph to make its structure consistent with section 11.7.5 g. In section 14.4, updated Table 14 Reservation and Verification Relation to Service #8 for Carrier SlotMap is a conditional parameter in ProceedWithCarrier service, and added statement in 14.4.1. h. In Table 37 Variable Data Definitions, added new variables “BypassScanSlotMap”. i. In Table 37, added new enumeration value for Reason to indicate SLOT MAP WAITING FOR HOST caused by “MISSING SLOTMAP ON SCAN BYPASS”. j. In Table 39, added requirements for BypassScanSlotMap support. k. In R1-2.1, added clarification of BypssReadID and BypassScanSlotMap default value in subsequent roundtrips. l. Added R1-2.28 BypassScanSlotMap Scenario 1. m. Added R1-2.29 BypassScanSlotMap Scenario 2. n. Added R1-3.8 Figure R1-7 Slot Map Verification Diagram. o. In E87.1 Table 4, added new enumeration value for Reason to indicated SLOT MAP WAITING FOR HOST caused by “MISSING SLOTMAP ON SCAN BYPASS”. 	Passed. Ratification Ballot to be Issued.	
LI-2	Added roundtrip scenarios R1-2.27 BypassReadID Scenario 1 to Related Information 1 – Carrier Object ID to clarify use scenarios when the equipment does not have the hardware to read a carrier ID. This configuration has been added before but no roundtrip scenarios in E87 document.	Passed	
LI-3	From R1-2.2 to R1-2.26, removed “FOUP” from assumption to cover more carrier types.	Passed	
LI-4	R1-2.2 to R1-2.26, added abbreviation definition of states in table which were missing in the document.	Passed	
LI-5	a. In Table 7 Carrier State Transition Definition, transition#9, add CancelCarrierAtPort service in trigger of transit to ID VERIFICATION FAILED .	Passed	



Table 4 Ballot Results

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>	<i>A&R Forms for Approved Ballots</i>
	b. In Table 7 Carrier State Transition Definition, transition#16, add CancelCarrierAtPort service in trigger of transit to SLOT MAP VERIFICATION.		
LI-6	a. In Table 5 Load Port Transfer State Transition Definition, transition#9, replaced CancelCarrier-AtPort with CancelCarrierAtPort to eliminate the confusion. b. In Table 39, corrected font format of head row “Additional CMS Capabilities”. c. In Table 39, added requirements for BypassReadID support. d. Table R1-21, corrected wrong numbers in table.	Passed	

#1 **Passed** ballots and line items will be submitted to the ISC Audit & Review Subcommittee for procedural review.

#2 **Failed** ballots and line items were returned to the originating task forces for re-work and re-balloting or abandoning.

Table 5 Activities Approved by the GCS between meetings of the TC Chapter

<i>#</i>	<i>Type</i>	<i>SC/TF/WG</i>	<i>Details</i>
None			

Table 6 Authorized Activities

Listing of all revised or new SNARF(s) approved by the Originating TC Chapter.

<i>#</i>	<i>Type</i>	<i>SC/TF/WG</i>	<i>Details</i>
	SNARF	GEM300	Line Item Revisions to E40-1218, Standard For Processing Management and E40.1-1218, Specification For SECS-II Protocol For Processing Management
	SNARF	GEM300	Line Item Revisions to E94-0819R, Specification For Control Job Management and E94.1-0819R, Specification For SECS-II Protocol For Control Job Management (CJM)

#1 SNARFs and TFOFs are available for review on the SEMI Web site at:

<http://downloads.semi.org/web/wstdsbal.nsf/TFOFSNARE>

Table 7 Authorized Ballots

<i>#</i>	<i>When</i>	<i>TF</i>	<i>Details</i>
None			

Table 8 SNARF(s) Granted a One-Year Extension

<i>#</i>	<i>TF</i>	<i>Title</i>	<i>Expiration Date</i>
None			

Table 9 SNARF(s) Abolished

<i>#</i>	<i>TF</i>	<i>Title</i>
None		



Table 10 Standard(s) to receive Inactive Status

<i>Standard Designation</i>	<i>Title</i>
None	

Table 11 New Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
None		

Table 12 Previous Meeting Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
None		

1 Welcome, Reminders, and Introductions

Committee co-chair Clare Liu chaired the meeting and welcomed all attendees. All the attendees introduced themselves. The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed.

Agenda was reviewed.

- Attachment:**
- 1 Chinese SEMI Standard Meeting Reminders
 - 2. I&C TC Chapter Meeting 2023 Agenda - rev2

2 Review of Previous Meeting Minutes

The TC Chapter reviewed the minutes of the previous meeting.

- Motion:** Approve the minutes as written
By / 2nd: Han CAO (AMEC) / Rick HO (Wuchine)
Discussion: None
Vote: 17-Y 0-N Voting Result: Pass - 100.00%

- Attachment:** 3. China I&C TC Joint Spring Meeting Minutes 20230222-rev2

3 Liaison Reports

3.1 Information & Control North America TC Chapter

Isadora Jin (SEMI) reported for the Information & Control North America TC Chapter. Of note:

- Action Item:** Next meeting –November 8, 2023; SEMI HQ at Milpitas/CA

- Attachment:** 6. NA I&C Liaison Report 2023-8

3.2 Information & Control Taiwan TC Chapter

Isadora Jin (SEMI) reported for the Information & Control Taiwan TC Chapter. Of note:

- Action Item:** Next meeting –Aug. 18, 2023; Taiwan (Virtual)

- Attachment:** 7. I&C Taiwan Liasion report_May_2023



3.3 Information & Control Japan TC Chapter

Nishimura-san, cochair of Japan TC Chapter reported for the Information & Control Japan TC Chapter. Of note:

Action Item: Next meeting –Wednesday, September 13, 2023; SEMI Japan office, Tokyo, Japan + Official Virtual TC Chapter Meeting (Hybrid)

Attachment: 8. JA_I&C_Liaison_20230626_v1.2

3.4 Information & Control Korea TC Chapter

Isadora Jin (SEMI) reported for the Information & Control Korea TC Chapter. Of note:

Action Item: Next meeting –TBD

Attachment: 9. Liaison report_InC_KR_July2023

4 Ballot Review

NOTE 1 : TC Chapter adjudication on ballots reviewed is detailed in the Audits & Review (A&R) Subcommittee Forms for procedural review. The A&R forms are available as attachments to these minutes. The attachment number for each balloted document is provided under each ballot review section below.

4.1 Document # 7018, Line Item Revisions to SEMI E87-0921, Specification for Carrier Management(CMS) and E87.1-0921, Specification for SECS-II Protocol for Carrier M anagement(CMS)

Motion: Line item(s) [2], [3], [4], [5] and [6] passed TC Chapter review as balloted and will be forwarded to the ISC A&R SC for procedural review.

Line item(s) [1] 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.

By / 2nd: Elton He (Amkor) / Han Cao (AMEC)

Discussion: None

Vote: 16 Y-0 N. Motion passed.

Attachment: 10. A&R 7018

5 Subcommittee and Task Force Reports

5.1 ABIF Task Force

Elton He (Amkor) reported for the ABIF Task Force. This report contained information on:

Action Item:

- Leaders of ABFI Task Force
- Members of Task Force
- Documents in work
 - Doc number 7018 : Line Item Revision to SEMI E87-0921, Specification For Carrier Management (CMS) and E87.1-0921, Specification for SECS-II Protocol for Carrier Management (CMS)
- Field Challenges
 - None.



Attachment: 4. China ABFI TF Report - 20230808 Rev3

5.2 GEM 300 Task Force

Lin Cui (NeuCloud) reported for the GEM 300 Task Force. This report contained information on:

Action Item:

- Leaders of GEM 300 Task Force
- Members of Task Force
- Documents in work
 - Line Item Revision to E94-0819R, Specification For Control Job Management and E94.1-0819R, Specification For SECS-II Protocol For Control Job Management (CJM)
- Field Challenges
 - None.

Attachment: 5. SEMI_I&C TF Report - GEM 300TF-20230806

6 Old Business

7 New Business

7.1 New SNARF Review and Discussion

7.1.1 SNARF # Line Item Revisions to E40-1218, Standard For Processing Management and E40.1-1218, Specification For SECS-II Protocol For Processing Management

Motion: approve the SNARF.
By / 2nd: Han Cao (AMEC) / Rick Ho (Wuchine Enterprise)
Discussion: None
Vote: 16 Y - 0 N. Motion Passed.

Attachment: 11. SNARF_Line item revision to E40 0807

7.1.2 SNARF # Line Item Revisions to E94-0819R, Specification For Control Job Management and E94.1-0819R, Specification For SECS-II Protocol For Control Job Management (CJM)

Motion: approve the SNARF.
By / 2nd: Han Cao (AMEC) / Kaijun Zhang (SMEE)
Discussion: 1) Kaijun ZHANG: Will revise E5 when revision to DV?
Clare: We will not revise E5 in this SNARF.
2) Cao Han: Will the SNARF be changed if DV is not sufficient?
TC Answer: It will not be included in this SNARF.
3) Nishimura and Yufeng gave good suggestions on working scope.
Vote: 14 Y - 0 N. Motion Passed.

Attachment: 12. SNARF_Line item revision to E94 0807



8 Next Meeting and Adjournment

The next meeting of the Information & Control TC Chapter is TBD.

For more information, please visit Standards Calendar at <http://www.semi.org/en/standards>

Adjournment: 12:35.

Respectfully submitted by:

Isadora Jin

SEMI China

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Minutes tentatively approved by:

Clare LIU (KXWARE), Co-chair	<2023/8/24>
Xianfeng DING (ONEWO), Co-chair	<2023/8/24>
Lingzhi LV (FA Software), Co-chair	<2023/8/24>

Table 13 Index of Available Attachments#1

<i>Title</i>	<i>Title</i>
1 Chinese SEMI Standard Meeting Reminders	2. I&C TC Chapter Meeting 2023 Agenda - rev2
3. China I&C TC Joint Spring Meeting Minutes 20230222-rev2	4. China ABFI TF Report - 20230808 Rev3
5. SEMI_I&C TF Report - GEM 300TF-20230806	6. NA I&C Liaison Report 2023-8
7. I&C Taiwan Liaison report_May_2023	8. JA_I&C_Liaison_20230626_v1.2
9. Liaison report_InC_KR_July2023	10. A&R 7018
11. SNARF_Line item revision to E40 0807	12. SNARF_Line item revision to E94 0807

#1 Due to file size and delivery issues, attachments must be downloaded separately. A .zip file containing all attachments for these minutes is available at www.semi.org. For additional information or to obtain individual attachments, please contact [SEMI Staff Name] at the contact information above.