Approved by General Counsel

TR-47 Meeting Report
Date: 03/20-24/06
Location: La Jolla, CA

Approved: 04/19/06
T# 10062

1   **TIA TR-47**
2   Terrestrial Mobile Multimedia Multicast
3   Meeting #4
4   1PM to 6:00 PST Mar 20, 2006
5   8AM – 12PM PST Mar 24, 2006
6   La Jolla, CA
7   Chair, Jerry Upton

8
9   **1.   Call to Order and Opening Remarks**
10
11   Jerry Upton, Chair, called the meeting to order at 1:00 p.m.
12
13   **2.   Important Notice to Participants**
14
15   *Participation in, or attendance at, any activity of a TIA Formulating Group or*
16   *any sub-element thereof, constitutes acceptance of and agreement to be bound by*
17   *all provisions of the TIA Engineering Manual and permission that all*
18   *communications and statements, oral or written, or other information disclosed or*
19   *presented, and any translation or derivative thereof, may without compensation,*
20   *and to the extent such participant or attendee may legally and freely grant such*
21   *copyright rights, be distributed, published, and posted on TIA's web site, in whole*
22   *or in part, on a non-exclusive basis by TIA or TIA's licensees or assignees, or as*
23   *TIA directs. Exceptions to the foregoing may be granted or permitted in writing*
24   *to the Chair of the Formulating Group by TIA's Senior Vice President, Standards*
25   *and Special Projects on a case-by-case basis.*

26
27   **3.   Attendance Registration and Voting Roll Call**
28
29   Roll call was taken, and all participants in attendance in person are shown below. The
30   chair noted that Quorum was not met per our voting register. The chair noted that per the
31   Engineering Manual, Section 5.3.2, no action may be taken if a quorum isn't present
32   however letter ballots may be sent out for items discussed and material requiring
33   approvals after the meeting.
34

Attendance TR47 Meeting 20060320	
FLO Forum	Kamil Grajski
	MaryBeth Selby
J. Upton Consulting (Abstain)	Jerry Upton
Kyocera	Henry Chang
LG Electronics	Sang Kim
Lucent	Jean Alphonse
Motorola	Carolyn Taylor
Nokia	Walt Tamminen
	Tom Derryberry
Nortel Networks	Rose Qingyang Hu

Qualcomm	Murali Chari
Rogers Wireless	Arturo Arreaga
Rohde & Schwarz, Inc.	Mike Simon
Siemens	Teck Hu
Sprint	Chris Seagren
Verizon Wireless	Alan Wolfe
WK3C Wireless LLC	Carl Stevenson

Action: Chair to clarify with TIA staff whether or not letter ballots can be sent out to the group for voting since no quorum is present. Specifically he will ask for interpretation of lines 18 and 19 under section 5.3.2. Chair will report back at the closing including how letter ballots should be conducted.
Action Closed in the Closing Plenary: The Chair or Subcommittee Chairs can use Letter Ballots for approvals if no quorum present.

4.   Agenda Review and Approval

The agenda **(TR47-20060320-001r3)** was reviewed and accepted by group consensus, noting there was no quorum. The chair asked for a modification of the agenda to include contribution 010 (TR47-20060320-010) in the opening plenary and by consensus the group agreed.

5.   Early Disclosure Policy

The TIA Patent Policy can be found in Statements of Policy and subsequent sections of the updated TIA Engineering Manual. Participants in the work of the TIA Formulating Group are urged to review and comply with the appropriate sections (i.e., Section 6.5.1 and Annex H.)

6.   Review of Meeting Report from Previous Meeting

The meeting report of Jan 10, 2006 **(TR47-20060320-003)** was reviewed but not approved due to lack of quorum. The following errors were noted by the group:

- The notes have a mistake in the meeting minutes related to Chair's voting status– the chair will abstain from voting.
- Sang Kim of LGE noted that the meeting notes did not state the name of the LGE representative and provide the name to be included in the notes – Soonyil Kwon.
- It was noted that the meeting minutes incorrectly show contribution 005r1 as the final revision to the contribution agreed upon by the group in January, but should be changed to show the correct contribution of 005R2 as the final contribution agreed upon by consensus of the group

The chair noted that he will send out a letter ballot for approval of the meeting minutes given quorum isn't met (assuming TIA concurs with our interpretation of Section 5.3.2 of the Engineering Manual).

1 **Action Item: Secretary to modify the meeting notes as stated above and will send**
2 **changes to TIA once approved by the group via letter ballot or at the May meeting.**
3 **Chair in the Closing Plenary stated the approval would be deferred until May.**
4
5 In addition, each of the action items from the previous meeting report was reviewed and
6 an updated status provided.
7
8 **ACTION ITEMS**

2005-1103-001	**TIA staff and DVB Project to pursue the establishment of a formal liaison.**	Completed – as the DVB Project referred us to ETSI and we have followed up and received an ESTI copyright letter.
2005-1103-002	**TIA staff is requested to provide guidance to the Committee on the issue of the use of trademarks in TIA standards and how to proceed.**	Completed
2005-1103-003	**TIA staff will issue call for nominations for subcommittee leadership positions for TR-47.1 and TR-47.2 with a deadline of November 18, 2005.**	Completed
2005-1103-004	**Chair will issue a call for participants to draft scopes for the subcommittees. This group will be ad hoc and be conducted using email and/or teleconference. The resulting output will be introduced as a contribution(s) to the next meeting.**	Completed – reviewed and approved at the Jan meeting and subsequently by TIA TSSC
2005-1103-005	**The autonomy of the subcommittees with relationship to the parent committee will be discussed at the next meeting after the subcommittee's scope and chart are agreed upon.**	005r2 To be further discussed at closing plenary of 3/20 meeting

9
10 **7.   Introduction of Contributions and Submissions – Opening Plenary 3/20/06**
11

1   Carl Stevenson of WK3C Wireless introduced contribution **TR47- 20060320-008**, which
2   outlined the work plan for TR47.1 that was agreed to by TR47.1 by consensus at the San
3   Francisco meeting on 2/28/06.
4
5   Carolyn Taylor of Motorola introduced **TR47-20060320-006** which is the request to
6   create a project number for TR47.2 that was approved at the TR47.2 meeting in San
7   Francisco on 3/1/06.
8
9   **Action Item: Chair to find out how to gain approval for TR47-20060320-006 due to**
10 **lack of quorum - -whether or not we will use a letter ballot approval process.**
11
12 **Action Item Closed in the Closing Plenary: Chair stated TR47.2 needed to approve**
13 **the PIN request in a meeting with quorum or by letter ballot and TR47 did not need**
14 **to approve.**
15
16 The Chair introduced **TR47-20060320-007 and 007a** – correspondence from ETSI
17 related to using DVB-H specifications in the development of the TR47.2 standard.   The
18 letter indicated that the documents could be used but noted that the ETSI IPR policy is
19 not applicable to the TIA standard.
20
21 **Action: TR47.2 needs to put together a set of procedures to deal with the ETSI**
22 **agreement and in particular with TIA required IPR declaration relative to the ETSI**
23 **Specifications.**
24
25 The Chair introduced **TR47-20060320-005** – related to **action item 2006-1103-005** to
26 finalize Committee Operating Procedures which was begun at the Jan 10, 2006 meeting.
27 Chair reviewed the first several bullets that were approved by consensus at the January
28 meeting and introduced wording related to Subcommittee Autonomy which was the one
29 area that was not covered in the January meeting. This will be reviewed again at the
30 Closing Plenary.
31
32 Arturo Arreaga of Rogers Wireless introduced contribution **TR47-20060320-010** which
33 requests the TR47 main committee to incorporate requirements for support of Emergency
34 Alert Systems (EAS) and Lawful Intercept (LI) in all standards developed by its
35 subcommittees. Discussion ensued related to whether EAS and LI are within the scope
36 of TR47 (the Air Interface Level). Chair noted this is a valuable contribution and
37 indicated we need to understand how the contribution relates to what other groups are
38 doing with respect to EAS and LI (for example OMA and other TIA committees) and
39 whether or not TIA has looked at this from a Regulatory and Compliance perspective for
40 us to determine how this may relate to TR47. The current view of the members present is
41 that the requirements are out scope for the air interface. However, if further inputs and
42 clarifications provide requirements within the air interface scope, the subcommittees will
43 address the needs.
44
45 **Action: Chair to send note to TIA to determine if they looked at EAS and LI from a**
46 **Regulatory or other perspectives including work in other TIA committee in order to**

1 **determine how this may relate to TR47 and report back to committee and**
2 **subcommittees.**
3
4 **8.   Recess for Subcommittees**
5
6 The TR47 recessed at 3:30pm and the chair announced that TR47 would reconvene for
7 the closing plenary on Friday Mar 24th at 8:00am.
8
9 **4.   Closing Plenary**
10
11 Chair called the Closing Plenary to order at approximately 8:05am. Chair reviewed the
12 updated agenda TR47-20060320-001r4 and went over the following changes:
13
14 **TR47-20060320-004r1** which is an updated version of the proposed meeting dates based
15 on discussions in the subcommittee meetings. The group reviewed the document and
16 made changes that were uploaded to the ftp site as **TR47-20060320-004r2**.
17
18 **Action: Chair and Subcommittee Chairs will post a final version of the Meeting**
19 **planning Calendar to their reflectors.**
20
21 <u>**Report from TR-47.2**</u>
22 Carolyn Taylor gave a brief summary of what had occurred in the TR47.2 meeting which
23 took place on 3/21/2006. TR-47.2 initial meeting report was projected and the following
24 was reported:
25   • They did not meet quorum in its meeting.
26   • That they discussed whether or not to create a document based on citing
27   normative referencing of the ETSI specs, or reformatting the ETSI documents into
28   TIA format.
29   • They worked on a template for a specification outline with a series of normative
30   references.
31   • They discussed the possibility of two letter ballots for TR472-20060321-003 and
32   005 but may choose to defer.
33
34 <u>**Report from TR-47.1**</u>
35 Carl Stevenson gave a brief summary of what had occurred in the TR47.1 meeting which
36 took place on 3/21/2006. TR-47.1 reported the following:
37   • They did not meet quorum in its meeting.
38   • They continued and finished the review of the Forward Link Only AIS Spec and
39   took comments to the document
40   • They assigned a technical editor, Mike Simon – Rohde & Schwarz who
41   volunteered for the assignment
42   • They will review the changes made to the document at the next meeting
43   • Sent request for Liaison with ITU-R to TR47
44
45 **5.   Discussion of Subcommittee Autonomy**

1   The chair then reviewed contribution **TR47-20060320-005** – Operating Procedures
2   contributed by the chair and a continuation of the discussion started in January. Chair
3   reminded Subcommittee Chairs that their subcommittees are Formulating Groups and as
4   such they have autonomy within their groups and can move forward with making
5   decisions as long as they follow the Engineering Manual and these approved TR47
6   Operating Procedures.   Chair reminded the group that they could provide contributions
7   suggesting changes to the TR47 Operating Procedures at any meeting.
8   Based upon this discussion the Subcommittee Chairs decide what items they will defer
9   for a quorum meeting or send out for Letter Ballot. These items include the Work Plans,
10 Meeting minutes, and Projection Initiation Requests.
11
12 **6.   Liaison Reports**
13
14 Chair reminded the group of the ETSI correspondence discussed in the opening plenary
15 and then introduced document TR47-20060320-009r1 contributed by Carl Stevenson,
16 Chair of TR47.1. The document was reviewed within TR47.1 and discussed within the
17 subcommittee and per the operating procedures was pushed up to TR47 for approval.
18 Chair indicated that due to lack of quorum that he would conduct a letter ballot also
19 noting that TIA will have the final editorial comments on the proposed text.
20
21 **Action Item: Chair to send request for Liaison with ITU-R SG6 to letter ballot.**
22
23 **7.   Other Business**
24
25 **TR47-20060320-013** is a contribution made by the Chair that describes the Membership
26 Rules for participation and voting within TR47 and the subcommittees. The group
27 agreed to review contribution 013 early in the session and the review commenced. The
28 chair went through the rules related to voting, removal and retention of members within
29 the group and will note that the group recommends option B outlined in the Engineering
30 Manual related to removal of members will be used by TR47 and its subcommittees.
31
32 **Action: Chair and Subcommittee Chairs will post a summarized version of the**
33 **Membership Rules to the reflector. The Chair will create the summarized version.**
34 **The group will take action to review this item at the next official meeting with**
35 **quorum**
36
37
38 **8.   Next Meeting**
39
40 The chair noted that the next meeting for TR47 is May 30 – June 2 in Chicago, IL.
41
42
43 **14.   Adjournment**
44
45 The meeting was adjourned at 9:40a.m.

1
2   This meeting was conducted in accordance with TIA Legal Guidelines and the TIA
3   Engineering Manual.
4
5
6   Respectfully submitted,
7
8
9   _____
10 MaryBeth Selby
11 Secretary

1   **DECISIONS**
2
3   **ACTION ITEMS**

2006-0320-AI001	Chair to clarify with TIA staff whether or not letter ballots can be sent out to the group for voting since no quorum is present. Specifically he will ask for interpretation of lines 18 and 19 under section 5.3.2. Chair will report back at the closing including how letter ballots should be conducted.	
2006-0320-AI002	Chair to modify the meeting notes as stated above and will send changes to TIA once approved by the group via letter ballot.	
2006-0320-AI003	Chair to find out how to gain approval for TR47-20060320-006 due to lack of quorum - -whether or not we will use a letter ballot approval process.	Closed at the closing plenary – see meeting notes above
2006-0320-AI004	TR47.2 needs to put together a set of procedures to deal with the ETSI agreement and in particular with TIA required IPR declaration relative to the ETSI Specifications.	
2006-0320-AI005	Chair to send note to TIA to determine if they looked at EAS and LI from a Regulatory or other perspectives including work in other TIA committee in order to determine how this may relate to TR47 and report back to committee and subcommittees.	
2006-0320-AI006	Chair to send request for Liaison with ITU-R SG6 to letter ballot.	

4