<u>Approved by General Counsel</u>

TR-47 Meeting Report

Date: 12/8/09

Location: San Diego, CA

Approved: 2/25/10

1   **TIA TR-47**
2   Terrestrial and Non-Terrestrial Mobile Multimedia Multicast
3   Meeting #20
4   Tuesday, December 8, 2009
5   9:00 A.M. PST Opening Plenary
6   San Diego, CA
7   Chair, Jerry Upton
8   Vice Chair, Ken Biholar
9   Secretary, Don Gillies
10
11   **1.   Call to Order and Opening Remarks**
12
13   Jerry Upton, Chair, called the 20th meeting to order at 9:17 A.M. PST on Tuesday,
14   December 8, 2009.
15
16   **2.   Important Notice to Participants**
17
18   **Chair read the Important Notice for Participation to the meeting attendees, along**
19   **with the following statement related to IPR:**
20
21   *Participation in, or attendance at, any activity of a TIA Formulating Group or any sub-*
22   *element thereof, constitutes acceptance of and agreement to be bound by all provisions of*
23   *the TIA Engineering Manual and permission that all communications and statements,*
24   *oral or written, or other information disclosed or presented, and any translation or*
25   *derivative thereof, may without compensation, and to the extent such participant or*
26   *attendee may legally and freely grant such copyright rights, be distributed, published,*
27   *and posted on TIA's web site, in whole or in part, on a non-exclusive basis by TIA or*
28   *TIA's licensees or assignees, or as TIA directs. Exceptions to the foregoing may be*
29   *granted or permitted in writing to the Chair of the Formulating Group by TIA's Senior*
30   *Vice President, Standards and Special Projects on a case-by-case basis.*
31
32   **3.   Intellectual Property Rights (Early Disclosure Policy)**
33
34   **Chair read the Early (Patent) Disclosure Policy:**
35
36   *The TIA Patent Policy can be found in Statements of Policy and subsequent sections of*
37   *the updated TIA Engineering Manual. Participants in the work of the TIA Formulating*
38   *Group are urged to review and comply with the appropriate sections (i.e., Section 6.5.1*
39   *and Annex H.)*
40
41   **4.   Attendance Registration and Voting Roll Call**
42
43   Roll call was taken, and all participants in attendance in person are shown below.
44   Seven (7) companies were represented and 11 people were present at roll call.
45

TR47 ATTENDANCE REGISTER 12/08/09	
Company	Name
Alcatel-Lucent	Biholar, Ken
Rogers Wireless	Bernard, Jean-Yves,
Jerry Upton Consulting	Upton, Jerry
FLO Forum	Grajski, Kamil
Qualcomm	Gillies, Don
WK3C Wireless	Stevenson, Carl
Rohde and Schwartz	Mike Simon
Qualcomm	Kannan, Prasanna
Qualcomm	Gholmieh, Ralph
Qualcomm	Mukkavilli, Kiran
Qualcomm	Uchida , Nobu

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2   The Quorum was met, with 7 out of 9 companies present at the start of the meeting. The
3   secretary notes that Nokia will lose its voting eligibility if it does not attend the next
4   meeting. The Chair will notify Nokia.
5
6   The Chair said that we will have elections today. The way TIA does elections is, if your
7   standards group has an odd number, then you hold elections in the odd-numbered years.
8   Since TIA 47 has an odd number, we have elections in 2009.
9
10   **5.   Agenda Review and Approval**
11
12   The meeting agenda (tr47-20091208-001r1_meeting_notice_and_agenda.doc) was
13   reviewed, and was approved by unanimous consent of the group.
14
15   **Decision 20091208-D001: Agenda Approved by unanimous consent (tr47-20091208-**
16   **001r1_meeting_notice_and_agenda.doc).**
17
18   **6.   Review of Meeting Report from Previous Meeting**
19
20   The meeting minutes (tr47-_20091208-003_aug09-150909091531.pdf) from the August
21   meeting were reviewed. The chair asked if there was any objection to approving the
22   minutes of our last meeting. There were no objections. The report was approved by
23   unanimous consent of the group.

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2 **Decision 20091208-D002: August 2009 meeting minutes** (tr47-_20091208-003_aug09-
3 150909091531.pdf) **Approved by unanimous consent.**
4
5 As Don Gillies has provided the Japan Appendix for the EAS requirements document, the
6 action items from the August meeting are all closed.
7
8 **7.   Election of Chair and Vice Chair of TR47**
9
10 The meeting Chair, Jerry Upton, relinquished the chair to Ken Biholar to run the election.
11
12 Ken asked for other nominations from the floor. There were none.
13 Ken asked for a vote. Jerry Upton was elected as chair of TIA TR-47 by unanimous
14 consent.
15
16 **Decision 20091208-D003: Jerry Upton was elected Chair of TR47 by unanimous**
17 **consent.**
18
19 Jerry retook the chair position and said that Ken Biholar had been nominated as Vice
20 Chair. He asked if there were any nominations from the floor. There were none. The
21 Chair called for a vote. Ken Biholar was elected as Vice Chair of TR47 by unanimous
22 consent.
23
24 **Decision 20091208-D004: Ken Biholar was elected Vice Chair of TR47 by**
25 **unanimous consent.**
26
27 **8.   Correspondence**
28
29 The chair reviewed (tr47-20091208-008a_arib_liaison_letter_to_tia-2.pdf) an ARIB
30 liaison request and a reply (tr47-20091208-008b_arib_liaison_tia_reply_copyright.pdf)
31 from TIA staff granting copyright privileges to ARIB for 9 TIA TR-47.1 documents.
32 Everyone was in agreement in moving forward with the liaison and approved the actions
33 of staff.
34
35 **Action 20091208-AI001 (Jerry Upton): Each time TR47.1 approves a new**
36 **specification for publication, the Chair will send a correspondence to the ARIB**
37 **working committee to notify them of the new specification being available. ARIB**
38 **will then need an updated copyright letter from TIA staff.**
39
40 Kamil Grajski, FLO Forum, asked - What is the policy of sharing working documents,
41 not yet published, with liaison groups?
42
43 The Chair and the Vice Chair stated that if the contribution document comes from FLO
44 Forum into TR47.1 or TR47 then FLO Forum has a copyright and can submit to ARIB
45 additionally. Also if there are changes proposed by ARIB to a FLO Forum contribution
46 those changes can be submitted to TR47.1 as new contributions by the FLO Forum.

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2 The Chair stated that based on the discussion that it may be a good idea for him to send
3 status reports to the ARIB committee of the various stages of the TR47.1 specifications in
4 the development and approval process.
5
6 **Action 20091208-AI002 (Jerry Upton) The Chair will send status reports to ARIB**
7 **on the various stages of approval of TIA TR-47.1 standards. He will note that**
8 **changes may occur in specification before a final approval is achieved in TIA. He**
9 **will suggest that ARIB not take any official actions based on the drafts though they**
10 **may send comments to TR-47 by correspondence.**
11
12 **9.   Submissions/Contributions**
13
14 The Chair reviewed the 2010 Meeting Planning Calendar contribution, 006.
15 After a discussion, the Chair stated he would revise the calendar to move the March
16 meeting to April 7-8. This move will accommodate the timing of any TR47.1 ballots
17 started as a result of the Feb. subcommittee meeting.
18 The revision will be reviewed in the closing of TR47.
19
20 **10.   Recess for Subcommittee meetings: 47.1 and then 47.2**
21
22 The meeting recessed at 10:05am for subcommittee meetings in 47.1, and then 47.2.
23
24 **11.   Progress Reports and updated work plans**
25 The meeting reconvened at 3:05pm on Dec. 9th.
26
27 The Chair of TR-47.1 re-caped the new TR47.1 work plan. The Chair of TR47.2 stated a
28 new work plan would be develop at the next meeting.
29
30 The revised 2010 meeting planning calendar was reviewed and agreed, posted as 006R1.
31
32 The chair reviewed the updated project tracking spreadsheet (tr47-20091208-
33 007r1_list_of_tr47_specifications.xls). The Chair suggested we add the PN# for earlier
34 publications. Ken Biholar stated that he had this information, and the Chair asked him to
35 provide it to improve the spreadsheet.
36
37 **Action 20091208-AI003 (Ken Biholar) To revise the project tracking spreadsheet**
38 **by adding the PN# information.**
39
40 **12.   Other Business**
41
42 Chair called for any other new business. There was none.
43 The Chair reminded everyone that the next TR-47 meeting is now April 7-8, 2010 at TIA
44 Headquarters.
45
46 **13.   Adjournment**

1
2   Ken Biholar moved to adjourn the TIA 47 meeting. There were no objections. The
3   meeting adjourned at 3:20 P.M. PST on Wednesday, December 9, 2009.
4
5   This meeting was conducted in accordance with TIA Legal Guidelines and the TIA
6   Engineering Manual.
7
8   Respectfully submitted,
9
10
11 _____
12 Don Gillies
13 TR47 Secretary

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2 **ACTION ITEMS**

20091208-AI001	(Jerry Upton): Each time TR47.1 approves a new specification for publication, the Chair will send a correspondence to the ARIB working committee to notify them of the new specification being available. ARIB will then need an updated copyright letter from TIA staff.	Open
20091208-AI002	(Jerry Upton) The Chair will send status reports to ARIB on the various stages of approval of TIA TR-47.1 standards. He will note that changes may occur in specification before a final approval is achieved in TIA. He will suggest that ARIB not take any official actions based on the drafts though they may send comments to TR-47 by correspondence.	Open
20091208-AI003	(Ken Biholar) To revise the project tracking spreadsheet by adding the PN# information.	Open

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5 **DECISIONS**

20091208-D001	Agenda Approved by unanimous consent (tr47-20091208-001r1_meeting_notice_and_agenda.doc).	
20091208-D002	August 2009 meeting minutes (tr47-_20091208-003_aug09-150909091531.pdf) Approved by unanimous consent.	
20091208-D003	Decision 20091208-D003: Jerry Upton was elected Chair of TR47 by unanimous consent.	
20091208-D004	Decision 20091208-D004: Ken Biholar was elected Vice Chair of TR47 by unanimous consent.	

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