



BUILDING GLOBAL COMMUNICATIONS

Approved by General Counsel

TR-47 Meeting Report

Date: 02/20/07

Location: Arlington, VA

Approved: 04/16/07

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TIA TR-47

Terrestrial Mobile Multimedia Multicast

Meeting #9

February 20, 2007

9AM – 10:30AM Opening Plenary

Closing Plenary

2PM February 21, 2007

Arlington, VA

Chair, Jerry Upton

Vice Chair, Marlis Humphrey

Secretary, MaryBeth Selby

1. Call to Order and Opening Remarks

Jerry Upton, Chair called the meeting to order at 9:04a.m on February 20, 2007 Eastern Standard Time. Chair read the Important Notice to Participants listed below and reminded participants of the TIA IP policy.

2. Important Notice to Participants

3. *Participation in, or attendance at, any activity of a TIA Formulating Group or any sub-element thereof, constitutes acceptance of and agreement to be bound by all provisions of the TIA Engineering Manual and permission that all communications and statements, oral or written, or other information disclosed or presented, and any translation or derivative thereof, may without compensation, and to the extent such participant or attendee may legally and freely grant such copyright rights, be distributed, published, and posted on TIA's web site, in whole or in part, on a non-exclusive basis by TIA or TIA's licensees or assignees, or as TIA directs. Exceptions to the foregoing may be granted or permitted in writing to the Chair of the Formulating Group by TIA's Senior Vice President, Standards and Special Projects on a case-by-case basis.*

4. Intellectual Property Rights (Early Disclosure Policy)

The TIA Patent Policy can be found in Statements of Policy and subsequent sections of the updated TIA Engineering Manual (i.e. Section 6.5.1 and Annex H1. Participants in the work of the TIA Formulating Group are urged to review and comply with the appropriate sections.

5. Attendance Registration and Voting Roll Call

Roll call was taken, and all participants in attendance in person are shown below. The chair noted that Quorum was met per our voting register. The following companies

1 were dropped from Quorum due to lack of attendance at 3 meetings: Arraycomm, Intel,
 2 Interdigital, Kyocera, LG Electronics, Sprint, TI, Thales/Thomson. New QUORUM # is
 3 12. 10 companies (and one TIA staff) and 13 people were present as shown below. (10
 4 counted towards QUORUM).
 5 Attendance is shown below:
 6
 7

ATTENDANCE REGISTER 2/20/07	
Company	Name
Alcatel/Lucent	Biholer, Ken
FLO Forum	Selby, MaryBeth
FLO Forum	Grajski, Kamil
Harris	Humphrey, Marlis
J. Upton Consulting	Upton, Jerry
Motorola	Taylor, Carolyn
Nokia	Derryberry, Tom
Qualcomm	Bennett, Chris
Qualcomm	Epstein, Mark
Rogers Wireless	Canciu, Nick
Verizon Wireless	Mahbobi, Kamran
Wk3c Wireless	Stevenson, Carl
TIA Staff	Kramarikova, Marianna

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 9 Note that Sanjay Gokhale of Newport Media joined for the closing plenary on
 10 Wednesday February 21, 2007 and was not included in the original attendance.
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12 **6. Agenda Review**

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 14 The agenda (TR47-20070220-001r2) was reviewed by the chair and was approved by
 15 unanimous consent of the group.
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17 **Decision 20070220-D001: Meeting Agenda (TR47-20070220-001r2 Approved by**
 18 **Unanimous Consent**
 19

1 **7. Review of Meeting Report from Previous Meeting**
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3 The chair noted December meeting report has an error on line 18 – last sentence needs to
 4 be removed. Chair asked for objections to approving the meeting report with the
 5 correction noted above. Meeting report unanimously approved. Chair reviewed the
 6 action items from the December meeting and provided status:
 7

20061211-AI001	Update Agenda TR47-20061211-001r6 and post to ftp site.	Complete
20061211-AI002	Seek approval of July and September meeting minutes by Administrative Ballot (TR47-20061211-003a and TR47-20061211-003).	Complete - Administrative Ballots passed approving both set of minutes.
20061211-AI003	Each subcommittee to review contribution 009 and 009a to determine next steps forward related to this.	Closed - - This is related to the EAS document that came from 3GPP – Reviewed in Feb.
20061211-AI004	TR47.2 to review contribution 004 and 007 within their subcommittee meeting.	Closed - - see Mobile DTV Alliance draft below.
20061211-AI005	TR47.2 to review this contribution (010) and determine liaison scope request to be TIA staff.	Mobile DTV Alliance Liaison agreement received and will be reviewed as contribution TR47-20070220-005
20061211-AI006	Subcommittees to review TR47-20061211-011r1 and provide feedback at closing plenary	Complete
20061211-AI007	Carry contribution TR47-20061211-012 from Rogers Wireless related to Spectrum Co-Existence issues over to February TR47 meeting	On agenda for the February Meeting
20061211-AI008	Inform Rogers Wireless to review scope of TR47 and to make a specific request	Jean-Yves has provided a contribution TR47-20070220-007 that makes

	related to what they would like the committees to do (e.g. create a work item).	a specific request.
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Action Item 20070220-AI001: Secretary to Update December meeting notes with noted change and send to TIA for approval.

Decision 20070220-D002: Approval of December meeting minutes with noted changes

8. Correspondence

Chair noted there was no new correspondence received to TR47 between December meeting and this meeting.

9. Introduction of Contributions and Submissions

Chair introduced contribution **TR47-20070220-005** which was a letter from Mobile DTV alliance to TR47.2 confirming the request for liaison with TR47.2 and proposing terms for a Letter of Understanding (LOU). The letter was reviewed by Carolyn Taylor, Chair of TR47.2 for the group. This letter is to go to TIA staff for negotiation of the liaison. Questions on the scope of the liaison were discussed. A motion was made to amend the proposed agreement to limit the scope of the liaison agreement to TR47.2 by FLO Forum and seconded by Motorola. The new version will be **TR47-20070220-005r1**. The Chair called for objections – there were none. The motion to amend the document to limit the scope of the liaison agreement solely to work within TR47.2 was approved by unanimous consent of the group.

Action Item 20070220-AI002: Chair to take document TR47-20070220- 005r1 to TIA Staff for negotiation of the liaison with Mobile DTV alliance

Chair noted that contribution **TR47-20070220-004** will be discussed at the closing plenary to be sure that we had time to go over the contribution from Rogers Wireless during the opening plenary.

Chair introduced contribution **TR47-20070220-006r1 and TR47-20070220-007** which is a proposal to initiate a work item via an Ad-Hoc group within TR47 related to contribution **TR47-20070220-006r1 (which was reviewed in Maui and carried forward to this meeting)** from Rogers Wireless related to Co-Existence Spectrum Issues of 700 MHz TM3 and 850 MHz Cellular Protocols. The contribution was reviewed by Jean-Yves Bernard of Rogers Wireless. There was discussion within the group on the scope and whether or not this matter is subject to (dependent upon) implementation by the device manufacturers and whether or not this belongs within standards or whether it could be resolved by an ad hoc group. The group decided they would take a focused

1 action item around potential co-existence issues in the 700-850MHz bands as described in
2 **TR47-20070220-006r1**.

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4 **Action Item 20070220-AI003: Rogers to provide additional technical information**
5 **that describes the possible issues they are concerned about related to Co-Existence**
6 **Spectrum issues of 700 MHz – 850MHz.**

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8 **Action Item 20070220-AI004: Chair to make a call to the group for any**
9 **contributions to address the points in contribution TR47-20070220-006r1**
10 **specifically related to 700-850MHz to be addressed at next TR47 meeting**

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12 **Decision 20070220-D003: Committee to take a focused action item surrounding**
13 **possible Co-Existence Spectrum issues in the form of a call for contributions.**

14 15 16 **10. Recess for Subcommittees**

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18 TR47 recessed at 10:30 am and the chair announced that TR47 would reconvene for the
19 closing plenary after the close of TR47.1.

20 21 **11. Closing Plenary**

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23 Chair called the Closing Plenary to order at approximately 2:02 pm Wednesday February
24 21, 2007. Chair went through the final items to be covered on the agenda with the group.
25 Chair noted that the updated meeting minutes for December meeting have been approved
26 by TIA legal and will be posted.

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28 Chair reviewed the Meeting Planning Calendar and noted a proposed change for the May
29 meeting to begin on May 2nd - 1PM and will end on May 3rd at 5PM. Chair will update
30 the calendar and post to the reflector and the ftp site.

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32 **Action Item: 20070220-AI005: Chair to update contribution as TR47-20070220-**
33 **004r1 and secretary to post to reflector and ftp site.**

34 35 **Report from Subcommittees**

36 TR47.2 will meet for one hour in May and will report back on where we are at with the
37 MDTV Alliance liaison.

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39 TR47.1 has noted they should have two new projects initiated in May and therefore we
40 will allocate sufficient time for these.

41
42 The 3GPP EAS document has been reviewed by the subcommittees and has requested the
43 following action item of TR47 – Chair will send a note to 3GPP

44 Also the Chair will request periodic status reports from Cheryl Blum representing TIA in
45 the advisory committee regarding WARN Act. The Chair will continue to ask members
46 for any updates and information related to EAS.

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Action Item: 20070220-AI006: Chair will send note to Cheryl Blum TIA’s advisory committees representative to get periodic status reports regarding WARN Act.

Chair indicated that Tom Derryberry, Secretary of TR47.2 has volunteered to create a draft position paper for TR47 related to the WARN Act for May meeting. Making a decision on a TR47 position will be an agenda item for the May meeting.

Action Item: 20070220-AI007 – Tom Derryberry to create a draft position paper related to WARN Act (EAS) for TR47 to be circulated by the Chair before the May meeting.

Action Item 20070220-AI008 - Chair to thank 3GPP for their information and ask them to keep us informed.

12. Other Business

Chair called for any other new business. There was none.

13. Next Meeting

Chair noted that the next meeting date is May 2-3 2007 in Arlington, VA.

14. Adjournment

The meeting was adjourned at 2:17 PM on Wednesday February 21, 2007

This meeting was conducted in accordance with TIA Legal Guidelines and the TIA Engineering Manual.

Respectfully submitted,

MaryBeth Selby
Secretary

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ACTION ITEMS

20070220-AI001	Secretary to Update December meeting notes with noted change and send to TIA for approval.	
20070220-AI002	Chair to take document TR47-20070220-005r1 to TIA Staff for negotiation of the liaison with Mobile DTV alliance	
20070220-AI003	Rogers to provide additional technical information that describes the issues they are concerned about related to Co-Existence Spectrum issues of 700 MHz – 850MHz.	
20070220-AI004	Chair to make a call to the group for any contributions to address the points in contribution TR47-20070220-006r1 specifically related to 700-850MHz to be addressed at next TR47 meeting	
20070220-AI005	Chair to update contribution as TR47-20070220-004r1 and secretary to post to reflector and ftp site.	
20070220-AI006	Send note to TIA to get periodic status reports from TIA regarding WARN Act.	
20070220-AI007	Tom Derryberry to create a draft position paper related to EAS for TR47;	

	Chair will circulate the draft before the May meeting.	
20070220-AI008	Chair to thank 3GPP for their information and ask them to keep us informed.	

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Decisions

20070220-D001	Approval of Agenda TR47-20070220-001r2	
20070220-D002	Approval of December meeting minutes with noted changes	
20070220-D003	Committee to take a focused action item surrounding possible Co-Existence Spectrum issues in the form of a call for contributions.	

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