



BUILDING GLOBAL COMMUNICATIONS

Approved by General Counsel

TR-47 Meeting Report

Date: 12/11/06

Location: Maui, HI

Approved: 02/21/07

T# 10453

TIA TR-47

Terrestrial Mobile Multimedia Multicast

Meeting #8

December 11, 2006

9AM – 12PM Opening Plenary

Closing Plenary

10AM December 12, 2006

Maui, HI

Chair, Jerry Upton

Vice Chair, Marlis Humphrey

Secretary, MaryBeth Selby

1. Call to Order and Opening Remarks

Marlis Humphrey, Vice Chair, acting as chair called the meeting to order at 9:14 a.m on December 11, 2006. Hawaii 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 vice-chair noted that Quorum was not met per our voting register. Due to lack of quorum the vice-chair noted that no decisions could be made in the meeting. The following

1 companies were dropped from Quorum due to lack of attendance at 3 meetings: Airvana,
 2 Siemens. Also note that due to the merger between Lucent and Alcatel, Lucent was
 3 removed from QUORUM list. New QUORUM # is 20. 8 companies (and one TIA
 4 staff) and 12 people were present as shown below. (8 counted towards QUORUM).
 5 Attendance is shown below:
 6
 7

ATTENDANCE REGISTER 12/11/06	
Company	Name
Alcatel/Lucent	Brownley, Jane
Alcatel/Lucent	Dobrowolski, Janus
FLO Forum	Selby, MaryBeth
Harris	Humphrey, Marlis
Motorola	Taylor, Carolyn
Nokia	Derryberry, Tom
Nokia	Tamminen, Walt
Qualcomm	Chari, Murali
Qualcomm	Epstein, Mark
Rohde & Schwarz	Simon, Mike
Wk3c Wireless	Stevenson, Carl
TIA Staff	Cuschieri, Henry

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9 **6. Agenda Review**

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11 The agenda (**TR47-20061211-001r5**) was reviewed and it was noted that there was an
 12 error in the agenda – contribution 011a was listed but there is none. Secretary noted that
 13 that 011a was reserved for the cover sheet to contribution 011 which subsequently came
 14 attached to the contribution therefore there is no 011a. The agenda will be updated as
 15 **TR47-20061211-001r6** and uploaded to the ftp site. The updated version was reviewed
 16 but not approved due to lack of quorum. Chair noted that there were two liaison requests
 17 from TR47.2 included in the agenda and uploaded prior to start of meeting
 18

19

20 **Action Item 20061211-AI001: Update Agenda TR47-20061211-001r6 and post to ftp site.**

21

22 **7. Review of Meeting Report from Previous Meeting**

23

1 The chair asked for comments to the meeting reports of July 2006 and September 2006
 2 (as **TR47-20060926-003** and **Tr47-20061211-003**) by the group. There were no
 3 comments recorded. The Chair indicated due to lack of quorum that she would request
 4 two administrative ballots for approval of these two sets of meeting reports. However,
 5 the action items from the September 2006 meeting report were reviewed and an updated
 6 status provided.

2006-0926-AI001	Seek approval of July meeting minutes (TR47-20060926-003) at December meeting	To be sent out in an administrative ballot
2006-0926-AI002	Continue to track action item related to ITU-R with TIA	Correspondence On agenda to be reviewed at Dec meeting
2006-0926-AI003	Chair to update letter (TR47-20060926-006a) and send to ETSI	Correspondence On agenda to be reviewed at Dec meeting
2006-0926-AI004	Follow up to be sure of status related to Liaison request with DVB Project and TR47 from past work. To be revisited at closing plenary.	On agenda to be reviewed at Dec meeting
2006-0926-AI005	Chair to send note to reflector related to December 2006 meeting once we receive confirmation from Henry Cuschieri related to collocating with 3GPP in Hawaii.	Closed
2006-0926-AI006	Chair to send updated version of 2007 meeting planning calendar TR47-20060926-005r2 to reflector.	Closed -To be reviewed at Dec meeting
2006-0926-AI007	Chair to send correspondance to DVB Project TR47-20060926-006ar1	Closed – To be reviewed at Dec meeting

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3 **Action Item 2006-1211-AI002: Seek approval of July and September meeting**
4 **minutes by Administrative Ballot(TR47-20061211-003a and TR47-20061211-003).**
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7

8 **8. Correspondence**

9 Chair introduced and reviewed contribution **TR47-20061211-004 and 004a** which was
10 committee correspondence to Mobile DTV Alliance on behalf of TR47.2 requesting a
11 liaison. Chair noted this will be passed down to TR47.2 for follow up.
12

13 Chair introduced and reviewed contribution **TR47-20061211-005 and 005a** which was
14 committee correspondence related to EAS to 3GPP for discussion.
15

16 Chair introduced and reviewed contribution **TR47-20061211-006 and 006a** which was
17 committee correspondence related to DVB Project asking for updates on plans related to
18 DVB standards.
19

20 Chair introduced and reviewed contribution **TR47-20061211-007 and 007a** which was
21 the DVB Project response to the committee correspondence related to DVB Project
22 asking for updates on plans related to DVB standards (**TR47-20061211-006, 006a**).
23

24 Chair introduced and reviewed contribution **TR47-20061211-008 and 008a** which was
25 from 3GPP SA1 indicated they had received the correspondence from TR47 and that they
26 had attached a Technical Report on the status of EAS within their group (**TR47-**
27 **20061211-009, 009a**). Chair requested that both TR47.1 and TR47.2 review this report
28 and provide an update at the TR47 closing plenary.
29

30 **Action Item 20061211-AI003: Each subcommittee to review contribution 009 and**
31 **009a to determine next steps forward related to this.**
32

33 **Action Item 20061211-AI004: TR47.2 to review contribution 004 and 007 within**
34 **their subcommittee meeting.**
35

36 Chair introduced and reviewed contribution **TR47-20061211-010 and 010a** which was
37 correspondence from MDTV Alliance in response to TR47 correspondence 004, 004a.
38 Chair asked TR47.2 to review this in their meeting and prepare a liaison scope request to
39 TIA staff.
40

41 **Action Item 20061211-AI005: TR47.2 to review this contribution (010) and**
42 **determine liaison scope request to be TIA staff.**
43

44 **9. Introduction of Contributions and Submissions**

45

1 Chair introduced contribution **TR47-20061211-011r1** an updated planning calendar for
2 2007.

3
4 Chair asked the subcommittees to review this schedule and provide feedback at the
5 closing plenary

6
7 **Action Item 20061211-AI006: Subcommittees to review TR47-20061211-011r1 and**
8 **provide feedback at closing plenary**

9
10 Chair introduced contribution **TR47-20061211-012 and TR47-20061211-012a** from
11 Rogers Wireless related to Co-Existence Spectrum Issues of 700 MHz TM3 and 850
12 MHz Cellular Protocols. Carl Stevenson agreed to go over the contribution since Rogers
13 Wireless was not present and a conference bridge could not be set up. Walt T. of Nokia
14 asked for scope of TR47 to be revisited to see if this falls within the current scope and
15 charter and if not the scope may have to be modified if we want to include this.

16
17 **Action Item 20061211-AI007: Carry contribution TR47-20061211-012 from Rogers**
18 **Wireless related to Spectrum Co-Existence issues over to February TR47 meeting**

19
20 **Action Item 20061211-AI008: Inform Rogers Wireless to review scope of TR47 and**
21 **to make a specific request related to what they would like the committees to do (e.g.**
22 **create a work item).**

23 24 25 **10. Recess for Subcommittees**

26
27 The TR47 recessed at 10:43 am and the chair announced that TR47 would reconvene for
28 the closing plenary after the close of TR47.1.

29 30 **11. Closing Plenary**

31
32 Chair called the Closing Plenary to order at approximately 12:08 pm Tuesday 12/12/06.
33 Chair went through the final items to be covered on the agenda with the group.

34 35 **Report from Subcommittees**

36 **Summary from TR47.2 #8 Meeting (December 11, 2006)**

37
38 The chair noted that Quorum was **not** met per TR47.2 voting register. The following
39 companies were dropped from Quorum due to lack of attendance at 3 meetings: LG
40 Infocomm. New Quorum is 19 member companies. 8 total companies were present at the
41 meeting of which 8 are on the quorum list. The following member companies are to be
42 notified by the Chair they will be dropped from the quorum list if they do not attend the
43 next scheduled meeting: J Upton Consulting, Kyocera, Rogers Wireless and Thales.

44
45 The group reviewed the August 15 meeting summary **TR472-20061211-003**. The
46 meeting summary will be sent out for administrative ballot.

1

2 The group reviewed the amended June 1 meeting summary **TR472-20061211-004** where
3 the amendment clarified an attendance error. The meeting summary will be sent out for
4 administrative ballot.

5

6 The group reviewed the amended July 11 meeting summary **TR472-20061211-005** where
7 the amendment clarified an attendance error. The meeting summary will be sent out for
8 administrative ballot.

9

10 The group reviewed **TR472-20061211-010** which lists potential meeting dates for the
11 year 2007. The Chair indicated it may be prudent to plan to meet 4 times next year during
12 the parent (TR47) meeting cycle with a review of the need for additional meetings as the
13 group moves forward. It was noted there is a conflict with the March 20-22, 2007
14 meeting and recommended having the meeting February 20-22, 2007.

15

16 The group reviewed the draft 2007 work plan, **TR472-20061211-011**, and created an
17 updated draft, **TR472-20061211-013**.

18

19 Report from TR47.1 Subcommittee

20

21 The 9th meeting of the subcommittee was called to order at approximately 1:45 PM HST
22 on Monday, Dec 11, 2006 after the close of TR47.2 Subcommittee Meeting and a lunch
23 break.

24

25 The chair read the required TIA notices on participation and IPR to the group and asked
26 if anyone had any questions. No questions were posed on the notices.

27

28 Roll call was taken, it was determined by the chair that **quorum requirements were not**
29 **met at the call of the voting role.** (TR-47.1 was one voting member company short of
30 meeting quorum.)

31

32 Lacking quorum, it was noted that no official actions could be taken, those in attendance
33 were in agreement with proceeding informally according to the agenda.

34

35 Meeting report as approved by TIA Legal Council for Sept 2006 meeting (**TR471-**
36 **200601212-003**) was discussed. No comments were made. Because of lack of quorum,
37 Chair will ask TIA to do an administrative ballot for approval of the Sept 2006 meeting
38 report.

39

40 Review of Ad-Hoc Conference call meeting notes. Chair reviewed contribution **TR471-**
41 **20061212-004** and asked for comments. There were none. Chair noted that since these
42 notes were for an ad-hoc call there is no official TIA approval required.

43

44 The chair reviewed status on action items from the September meeting and noted their
45 disposition (all closed):

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47 Chair noted that the administrative ballot that occurred since the last meeting for the TIA-
1099 errata was finalized and had passed.

1
2 The chair called the group's attention to contribution **TR471-20061212-005** from the
3 FLO Forum which was a request to initiate a new project to create a new standard to
4 complete the radio interface layer of the Forward Link Only technology. This standard
5 would cover the transport layer including the Framing layer and the Stream
6 encryption/decryption layer as discussed by the contribution. Chair then called the
7 group's attention to contribution **TR471-20061212-006** which provides background to
8 the group on the request for project discussed above. This was reviewed by Murali Chari
9 of QUALCOMM and questions were answered.

10
11 Chair asked for other comments – there were none. Chair noted that were some minor
12 and obvious typos in the original request that came from FLO Forum and offered to make
13 the edits to fix the document. Because of lack of quorum, Chair will ask TIA to do an
14 administrative ballot for approval of the PN request.

15
16
17 Chair asked for review of the meeting planning calendar passed down from the TR47
18 opening plenary. (Further discussion scheduled for the TR-47 closing plenary.)

19
20 Chair discussed that without quorum we can't decide next steps on the contribution
21 passed down from TR47 (contribution TR47-20061211-009) related to EAS and so we
22 will defer to the next meeting.

23 24 **12. Other Business**

25 Calendar – March 26-30 conflict with 3GPP2, March 20-22 potential conflict with
26 Mobile DTV Alliance. February alternative dates are no known conflicts but are close
27 spacing to January meeting. A suggestion was made to eliminate January 47.1 meeting
28 and combine with 47, 47.1, 47.2 on Feb 20-22.

29 30 **13. Next Meeting**

31 Chair noted that the next meeting date is still being determined and that a meeting notice
32 will come to the reflector for either late February or early March. Check meeting notices
33 for exact details.

34 35 **14. Adjournment**

36
37 The meeting was adjourned at 12:30 PM on Tuesday, December 12, 2006

38
39 This meeting was conducted in accordance with TIA Legal Guidelines and the TIA
40 Engineering Manual.

41
42
43 Respectfully submitted,
44
45
46 _____

- 1 MaryBeth Selby
- 2 Secretary

1

2 **ACTION ITEMS**

20061211-AI001	Update Agenda TR47-20061211-001r6 and post to ftp site.	
20061211-AI002	Seek approval of July and September meeting minutes by Administrative Ballot(TR47-20061211-003a and TR47-20061211-003).	
20061211-AI003	Each subcommittee to review contribution 009 and 009a to determine next steps forward related to this.	
20061211-AI004	TR47.2 to review contribution 004 and 007 within their subcommittee meeting.	
20061211-AI005	TR47.2 to review this contribution (010) and determine liaison scope request to be TIA staff.	
20061211-AI006	Subcommittees to review TR47-20061211-011r1 and provide feedback at closing plenary	
20061211-AI007	Carry contribution TR47-20061211-012 from Rogers Wireless related to Spectrum Co-Existence issues over to February TR47 meeting	
20061211-AI008	Inform Rogers Wireless to review scope of TR47 and to make a specific request related to what they would like the committees to do (e.g. create a work item).	

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