DRAFT MEETING REPORT

1   **TIA TR-47.1**

2   Terrestrial Mobile Multimedia Multicast Systems Based on Forward Link

3   Only Technology

4   Meeting #2

5   8:00 AM to 5:00PM PST

6   Tuesday, February 28, 2006

7   Hotel Nikko

8   222 Mason St.

9   San Francisco, CA 94102

10   Chair, Carl R.Stevenson

11   Vice Chair, Alan Wolfe

12   Secretary, MaryBeth Selby

13

14   **1.   Call to Order and Opening Remarks**

15

16   Carl R. Stevenson, Chair called the second meeting of the subcommittee to order at

17   approximately 8:15 AM.

18

19   **2.   Important Notice to Participants**

20

21   ***Chair read the following to the participants:***

22   *Participation in, or attendance at, any activity of a TIA Formulating Group or*

23   *any sub-element thereof, constitutes acceptance of and agreement to be bound by*

24   *all provisions of the TIA Engineering Manual and permission that all*

25   *communications and statements, oral or written, or other information disclosed or*

26   *presented, and any translation or derivative thereof, may without compensation,*

27   *and to the extent such participant or attendee may legally and freely grant such*

28   *copyright rights, be distributed, published, and posted on TIA's web site, in whole*

29   *or in part, on a non-exclusive basis by TIA or TIA's licensees or assignees, or as*

30   *TIA directs. Exceptions to the foregoing may be granted or permitted in writing*

31   *to the Chair of the Formulating Group by TIA's Senior Vice President, Standards*

32   *and Special Projects on a case-by-case basis.*

33

34   **3.   Attendance Registration and Roll Call**

35

36   Roll call was taken, and all participants in attendance are shown in the chart below.

37   Fifteen (15) companies were present in the morning and Eighteen (18) individuals were

38   present. In the afternoon, Sixteen (16) companies were present and Nineteen (19)

39   individuals were present.

40

Company	Name	2/28/2006 Morning	Feb 28/2006 Afternoon

DRAFT MEETING REPORT

Airvana	Knisley, Doug	N	N
Alcatel	Janusz Dobrowolski	N	N
Alcatel	Biholar, Ken*	P	P
Alltel	Helm, Bjorn	N	N
Alltel	Gentzler, Dennis	N	N
Arraycomm	Wilson, Joanne	P	P
Atlinks	Koslov, Joshua	N	N
Corning Inc.	Dixon, Allen	N	N
Ericsson	Sammarco, Anthony	N	N
FLO Forum	Selby, MaryBeth	P	P
FLO Forum	Grajski, Kamil*	P	P
Frontier Silicon	Jackson, Martin	N	N
Harris	Humphrey, Marlis	N	N
Intel	Nelhams, Richard	N	N
Interdigital	Kiernan, Brian	N	N
J. Upton Consulting/Facilitator	Upton, Jerry	N	N
Kyocera	Chang, Henry	N	N
LG Electronics	Kwon, Soon Yil	N	N
LG Electronics	Kim, Sang	P	P
Lucent	Alphonse, Jean	P	P
Lucent	O'Brien, Fran	N	N
Lucent	Blum, Cheryl*	N	N
Mediaphy Corp	Long, Guozhu	P	P
Motorola	Taylor, Carolyn	P	P
Newport Media	Gokhale, Sanjay	N	N
Nokia	Derryberry, Tom	P	P
Nokia	Tamminen, Walt*	N	N
Nortel Networks	Wu, Geng	N	N
Panduit	Elliot, Bob	N	N
PacketHop, Inc.	Sastry, Ambatipudi	P	P
PacketVideo	Neff, Ralph	N	N
Qualcomm	Chari, Murali	P	P
Qualcomm	Collins, Bruce	P	P
Qualcomm	Epstein, Mark*	N	N
Qualcomm/Secy	Hoyler, Susan	N	N
Rohde & Schwarz, Inc.	Simon, Mike	P	P
Rogers Wirelss	Bernard, Jean-Eves	N	N
Sanyo Fisher	Takahashi, Koichi	N	N
Sharp Corp.	Hanada, Keitaro	N	N
Siemens	Hu, Teck	P	P
Sprint	Hirshman, Brent	P	P
Sprint	Seagren, Chris	P	P
Steven J. Crowley PE	Crowley, Steve	N	N
Texas Instruments	Dabak, Anand	N	N
Texas Instruments	Sestok, Charles	N	N
Texas Instruments	Solomon, Yoram*	N	N
Texas Instruments	Wong, Tony	N	P

DRAFT MEETING REPORT

Thales	Jenkins, Brett*	N	N
Verizon Wireless	Wolfe, Alan	P	P
VIA Telecom	Czaja, Stash	N	N
Vtech	Whitesell, Steve	N	N
WK3C Wireless LLC	Stevenson, Carl R.	P	P
		0	
*indicates primary representative			
	15 companies present in morning session	18 people present in morning session	
P=present, N=not present	16 companies present in afternoon session	19 people present in afternoon session	

41
42
43 Meeting report as approved by TIA Legal Council reviewed for Jan 10, 2006 meeting–
44 no objections raised.
45
46 Correspondence Reviewed by the committee – chair and vice-chair election notice to
47 TIA, approval of TR47.1 Committee Scope to TIA, approved project initiation form sent
48 to TIA, and correspondence related to IPR policy with respect to normative text in
49 documents received from TIA – no questions were raised.
50
51 **4.   Agenda Review and Approval**
52
53 The subcommittee reviewed and approved the proposed meeting agenda by unanimous
54 consent (**TR471-20060228-001r1**).
55
56 **5.   TIA IPR Policy**
57
58 *Chair read the following to the participants:*
59
60 *The TIA IPR Policy can be found in Statements of Policy and subsequent sections*
61 *of the updated TIA Engineering Manual. Participants in the work of the TIA*
62 *Formulating Group are urged to review and comply with the appropriate sections*
63 *(i.e., Section 6.5.1*
64 *and Annex H.)*
65
66 **6.   Submissions**
67 Submission TR471-20060228-005 – Proposal for Work Plan and Schedule for TR47.1
68 The submission was presented by Kamil Grajski of the FLO Forum.
69

DRAFT MEETING REPORT

70 Discussion ensued resulting in modifications to the document noted as TR471-20060228-
71 005r1.
72
73 Kamil Grajski of FLO Forum asked for a motion to approve revised work plan TR471-
74 20060228-005r1. Dr. Sang Kim of LG Electronics seconded the motion. Chair asked for
75 a show of hands for the approval of the proposal (14 for) and against (none). Chair
76 abstained from voting. The motion carried.
77
78 Bruce Collins of QUALCOMM began the review of the Submission made by the FLO
79 Forum at the Jan 10th meeting. TR471-20060110-004a. Chapters 1, 2 and 3 were
80 reviewed.
81
82 **Action Item**: The FLO Forum took the action item to deliver a word version of the
83 submission TR471-20060110-004a to the ftp site for ease in editing the document as it
84 goes through the consensus process.
85
86 **Action Item:** Provide additional background information on why one second was chosen
87 for the superframe size.
88
89 It was noted that the contribution was developed in compliance with the TIA style guide.
90 MaryBeth Selby of the FLO Forum indicated that in addition to the TIA style guide and
91 format the contribution was modeled after other TIA specs as well.
92
93 Noted Comments on Chapter 1 –
94   • The definition of Forward Link Only RF Channel needs to be made generic and
95   should not reference specific bandwidths. The footnote relating to this definition
96   should be removed and a table of acceptable bandwidths should be added later in
97   the text.
98   • The lines on figure 1.10-2 need to be defined so that they aren't confused with
99   absolute value signs (ex:
100
101 Noted Comments on Chapter 2 –
102   • Section 2.1 Informative text needs to be added to clarify why the Flow ID was
103   broken into two parts.
104   • 2.2.2.1 Commands – typo on line 21 missing "l" in SendControChannel…….
105   • 2.2.2.2 Typo on line 10 missing "l" in SendControChannel……
106   • Document to be scanned for all instances of the term SendControChannel and
107   replace the missing "l" to read "SendControlChannel"
108   • 2.2.5.2.1 Questions were raised about the "FlowBlob" parameter in terms of
109   overall security and the description of the parameter. Action item taken to
110   determine if there are specific threats related to this parameter and to document
111   the specific purpose of this parameter. Participants were encouraged to discuss
112   viewpoints on the email reflector and come up with a contribution outlining the
113   main discussions and final conclusion prior to the next face-to-face meeting.

DRAFT MEETING REPORT

114 • 2.2.5.2.2.2 Suggestion was made to provide clarification in the specification by
115   adding informative text outlining device capability (if any) to switch reception of
116   a service between RF channels of different bandwidth.
117 • Figure 3.2.4.1-2 – figure appears corrupted by the creation of the .pdf file and
118   should be redrawn
119 • **Action Item** – fix editorial comments identified during the review as outlined in
120   the minutes
121 • **Action Item** – per the approved workplan, prior to the next meeting a call for
122   contributions on the TR471-20060110-004a submission will go out with special
123   emphasis on Chapters 1, 2 and 3 which were reviewed at this meeting.
124
125
126 **7.   Other Business**
127
128 Chair noted that MaryBeth Selby had volunteered as secretary and asked if there were
129 any objections to her serving in that position. Chair asked for a motion to confirm
130 MaryBeth as Secretary of the TR47.1 SubCommittee. Ken Biholar of Alcatel made the
131 motion to confirm Ms. Selby as Secretary of the TR47.1 SubCommittee, Tom Derryberry
132 of Nokia seconded the motion. Chair called for a vote and 13 approved, 0 disapproved,
133 and 1 company did not vote. Chair abstained from voting. Motion carried.
134
135 No other business was raised during the meeting.
136
137 **8.   Next Meeting**
138
139 It was noted that the next TR47.1 meeting is March 21, 2006 in La Jolla, CA. The parent
140 TR47 meeting is March 20, 2006. Based on the approved workplan TR47.1 would like to
141 have as much time at the next meeting as possible to continue the review. We will await
142 feedback from TR47.2 committee related to whether or not they will require all 1.5 days
143 at the next meeting. If they do not, we may want to extend the TR47.1 meeting time.
144
145 **9.   Adjourn**
146
147 The meeting was adjourned at approximately 4:56 p.m.
148
149 This meeting was conducted in accordance with TIA Legal Guidelines and the TIA
150 Engineering Manual.
151
152
153 Respectfully submitted,
154
155
156 _____
157 MaryBeth Selby
158 Secretary

DRAFT MEETING REPORT

159 **DECISIONS**

2006-0228-001	**The Proposed Workplan for TR47.1 as written in TR471-20060228-005r1 was approved**	

160

161 **ACTION ITEMS**

2006-0228-AI001	**The approved Workplan – document # Tr471-20060228-005r1 will be forwarded to TR-47 for confirmation**	
2006-0228-AI002	**The FLO Forum to submit a word version of the submission TR471-20060110-004a to the ftp site**	
2006-0228-AI003	**Fix editorial comments identified during the review as outlined in the minutes**	
2006-0228-AI004	**Email discussion on "FlowBlob" will occur to facilitate further understanding of this parameter**	
2006-0228-AI005	**Secretary to send out call for Contributions for next meeting related to TR471-20060110-004a with special emphasis on Chapters 1-3 that were reviewed at this meeting** **In particular – emphasis on specific security threats related to the FLO capsule parameters including "FlowBlob" and further description of this parameter**	
2006-02280-AI006	**FLO Forum to Provide additional background information on why one second was chosen for the superframe size.**	

162