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Approved by General Counsel

TR-8.21 Meeting Report

Date(s): 04/07/2011 - 04/07/2011

Location: Seattle, WA

Approved: 07/06/2012

Telecommunications Industry Association

Standards and Technology Department

Committee TR-8.21, Land Mobile Radio Intrinsic Safety Concerns Meeting Report

Committee Document # TR-8.21_11_0007

April 7, 2011, The Fairmont Hotel, Seattle, WA

1. Call to Order

The meeting was called to order at 8:00 am, on Thursday, April 4, 2011 by Convener Larry Nyberg (Motorola). The meeting was held at the Fairmont Hotel, Seattle, WA. The convener announced that since this meeting was the inaugural meeting of the committee, the electronic sign-in would constitute the initial quorum list.

Quorum Attendance Record									
	Quorum List?	4/7/11							
		Face – to-face							
Bird-Technologies	Y	Y							
Cassidian	Y	X							
Datron WCD	Y	X							
EF Johnson	Y	X							
Etherstack	Y	X							
Harris Corp	Y	X							
iCOM America	Y	X							
Kenwood	Y	X							
Motorola	Y	X							
Raytheon	Y	X							
RELM	Y	X							
Tait	Y	X							
Thales	Y	X							
US DoJ	Y	X							
US/DHS	Y	X							
US/NIST-OLES	Y	X							
Zetron	Y	X							
Quorum	16	16							
Attendance		16							
Required for quorum									

2. Agenda Approval

The agenda was revised to add this element to the agenda. A motion to accept the agenda was made by Brian Martens (Harris), and seconded by Jim Downes (DHS). The motion passed unanimously

2. IPR Policy

The Convener asked the TR-8 Chair to read the TIA Important Notice of Participation, given that this meeting was the initial TIA meeting of the day. The convener then referred the attendees to the TIA IPR Policy in the Engineering Manual and on the TIA website, and asked if any participant had any IPR to declare. No IPR statements were made at this meeting.

3. Old Business

The convener mentioned that “old business” referred to the discussion at the TR-8 meeting in January in which TR-8 approved the establishment of this committee. He also mentioned that he had twice circulated revisions of the initial committee title and scope, proposed in January, with the intention to adopt at this meeting.

3a: Consideration of and adoption of a committee title. A proposed title was circulated prior to the meeting. Bob Speidel (Harris) motioned to accept the proposed title, *Land Mobile Radio (LMR) Intrinsic Safety (IS) Considerations*. The motion was seconded by Jim Downes (DHS). There was no discussion, and the motion passed unanimously.

3b: Consideration of and adoption of a committee scope. A proposed committee scope was circulated prior to the meeting. Bob Speidel (Harris) motioned to accept the proposed title, *Land Mobile Radio (LMR) Intrinsic Safety (IS) Considerations*. The motion was seconded by John Lambrou (Motorola). There was no discussion, and the motion passed unanimously. The text of the accepted scope is as follows:

“Subcommittee TR-8.21 operates under the guidelines of the Telecommunications Industry Association (TIA) and under the direct supervision and guidelines of Committee TR-8. As directed and authorized by TR-8, TR-8.21 works with other TIA Engineering Committees, the TIA Private Radio Section (PRS) and liaises with other organizations to foster collaboration and coordination among groups addressing various elements of intrinsic safety.

“The scope of the TR-8.21 Land Mobile Radio (LMR) Intrinsic Safety (IS) Sub-Committee includes, but is not limited to, the development of technical proposals and papers on IS topics of interest to standards development organizations, product testing and certification organizations, relevant professional groups, and relevant government agencies. TR-8.21 may also develop standards on LMR IS requirements, test procedures, and certification process/procedures”.

3c: Update on activities related to intrinsic safety. Bob Speidel reviewed the various activities related to the intrinsic safety discussions since the January TR-8 meeting in January 2011. He highlighted the ongoing discussions among users, industry, FM, ISA, UL, NPSTC, API and others. He mentioned the joint participation of TR-8 members along with NPSTC representation at the March 7,

2011 ISA meeting in San Diego. He reviewed the panel discussions at the recently concluded IWCE conferences. He summarized the three parallel activities occurring at this time, as including:

1. The ISA-12 committee considering the LMR inputs at the above-mentioned March 7th meeting in San Diego;
2. FM Approvals’ recent announcement of initiating a LMR-specific IS activity under the auspices of ANSI; and
3. The proposal that TIA TR-8.21 would develop an IS standard referencing ISA 60079 2009 with appropriate exceptions unique to LMR.

4. Nominations.

Larry Nyberg (Motorola) was unanimously elected chairman. Brian Martens (Harris) was unanimously elected committee vice-chair

5. New Business

The convener introduced a contribution TR-8.21_2011_0004, *Proposed Draft Standard ANSI TIA 4950*. Brian Martens described the content and its relationship to ISA 60079 2009. Additional discussion identified that the reference standard adds substantial content to the current FM 3610 1988 document. The committee was reminded that there has yet to be a documented incident in which an LMR product was the source of ignition in an explosive atmosphere. **It was unanimously agreed to approve the project.** The convener suggested a 30-day comment cycle, and indicated that a conference call would be established to address any comments received. The contribution was accompanied by the appropriate cover page identified as document TR-8.21_2011_0005. The comment form is identified as document TR-8.21_2011_0006.

The convener asked if any participant had any new business to bring up. There was no additional business.

6. Schedule next meeting.

The convener (and chairman-elect) requested a half-hour time slot at the next series of TR-8 meetings.

7. Adjournment

The meeting was adjourned at 8:35 AM. This meeting was conducted in accordance with the TIA Legal Guide and TIA Engineering Manual.

Larry Nyberg

Lawrence M Nyberg, Chair TR-8.21, Land Mobile Radio Intrinsic Safety Considerations.

Documents introduced at this meeting include:

Document number	Document title
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TR-8.21_11_0002_R004	Scope and title revisions-CLEAN
TR-8.21_11_0003	April 2011 Meeting Notice and Agenda
TR-8.21_11_0004	Draft TIA Standard ANSI/TIA-PN_4950
TR-8.21_11_0005	Contribution cover page
TR-8.21_11_0006	Draft Standard ANSI TIA 4950 Comment Resolution.docx

Attendance per TIA Electronic Log-In (as of 2011.04.11):

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