



**Telecommunications Industry Association**

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**Approved by General Counsel**

TR-8.21

Meeting Date(s): 4 February 2020

Location: Renaissance New Orleans Pere Marquette French Quarter  
Area Hotel – New Orleans, LA

Approved: 6 July 2020



## **TR-8.21 Land Mobile Radio** **Intrinsic Safety Consideration** **Meeting Report**

**Presiding:** John Lambrou, Chairman  
[john.lambrou@motorolasolutions.com](mailto:john.lambrou@motorolasolutions.com) +1.480.473.0725

**Date/Time:** Tuesday, February 4, 2020 1300 – 1330 Local time  
**Place:** Renaissance New Orleans Pere Marquette French Quarter Area Hotel  
817 Common Street  
New Orleans, LA 70112

### **Important Notice for Participation**

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#### **1. Call to Order.**

The Chair called the meeting to order at 1312 local time and recorded the meeting notes.

#### **2. Record of Attendance.**

A list of quorum attendees is attached. As a result of the roll call, a quorum was determined to be present. The attendees were advised of the Important Notice of Participation which was included the Meeting Notice/Agenda. The Chair also advised the attendees that TIA is actively seeking participation in projects from the user and general interest communities.

#### **3. Review and Approve Agenda.**

The agenda was distributed prior to this meeting, also available on the TIA server as 20-01-002 TR-8.21 Meeting Notice\_Agenda.pdf. Dwight Smith moved to approve the agenda, and Glenn Shirley seconded the motion. The motion was approved unanimously by voice vote.

#### **4. Review and Approve Last Meeting Report.**

TIA published the last TR-8.21 Meeting Report also available on the TIA server today as 19-11-007 APPROVED TR-8.21 Charlotte Meeting Report.pdf. Dwight Smith moved to approve the Meeting Report, and Chris Maiers seconded the motion. The motion was approved unanimously by voice vote.

## **TR-8.21 Land Mobile Radio** **Intrinsic Safety Consideration** **Meeting Report**

### **5. TIA IPR Policy.**

The Chair read the TIA patent policy:

“TIA's Intellectual Property Rights Policy can be found in Statements of Policy (ANNEX D) and other clauses and annexes of this document. Participants in the work of the TIA Formulating Groups are urged to review the appropriate sections. Individual participants are encouraged to notify TIA of any patent(s) or published pending patent application(s) of which they are aware that may be essential to the practice of a proposed TIA Publication, including requirements introduced through normative references, early on in the development to reduce the possibility for delays in the development process and increase the likelihood that the proposed TIA Publication will become a Standard. However, a Patent Holder who has provided TIA with a TIA Patent Holder Statement with respect to the applicable proposed TIA Publication need not (but may elect to) identify its specific patent(s) or published pending patent application(s) that may be essential to the practice of the proposed TIA Publication in question. Patent searches are not required to comply with the TIA Intellectual Property Rights Policy.”

#### **INTELLECTUAL PROPERTY RIGHTS (early disclosure policy)**

“TIA has an Intellectual Property Rights (IPR) Policy. We call to the attention of participants and attendees that TIA's Policy is to encourage, but not require, the voluntary disclosure (preferably early) of Essential Patent(s) and published pending patent application(s) that may be essential to the practice of a TIA Publication. Such disclosures are to be made following the procedures of the TIA Intellectual Property Rights Policy. Additional information can be found in the TIA Intellectual Property Rights Guidelines.”

The Chair asked if there was knowledge of patents, the use of which may be essential to any document being considered during this meeting that anyone would like to disclose at this time. No new IPR was identified.

### **6. Old Business.**

#### **a. Disposition of ANSI/TIA-4950-B “Requirements for Battery-Powered, Portable Land Mobile Radio Applications in Class I, II, and III, Division 1, Hazardous (Classified) Locations “**

The Chair reviewed progress regarding this revision effort. The ballot opened on November 20, 2019 and was successfully completed on January 4, 2020. The details are available in the Ballot summary (the pdf numbered 20-01-009). There were 10 Approvals, one with comments, and three ballots were not returned. The comment resolution was included at the back of the ballot summary; all comments were resolved; draft document 19-08-001-R1 ANSI\_TIA-4950-B draft\_cl reflects resolution of the ballot comments. Dwight Smith moved to publish 19-08-001-R1 ANSI\_TIA-4950-B draft\_cl and Chris Maiers seconded. The motion passed unanimously by voice vote.

## **TR-8.21 Land Mobile Radio** **Intrinsic Safety Consideration** **Meeting Report**

One final issue to be addressed is regarding the scope in the original ANSI Acknowledgement of Standards Action Request for PINS (available on the server as 8.21\_TIA-4950-B\_PINS Approval\_2016\_03\_08.pdf) was obsolete; this referred to work in 2016 which was never completed. The current scope of 19-08-001-R1 is best aligned with items 1 and 3 from that PINS, and item 2 is obsolete and should be deleted. Dave Malohn moved to delete the old scope and put forth a new scope to include items 1 and 3 only. Dwight Smith seconded. The motion passed unanimously by voice vote.

No other old business was identified.

### **7. New Business.**

#### **a. UL Electronic Media Proposal.**

Dave Malohn presented this topic. UL has been revising their various HazLoc standards to allow the use of electronic media for users' manuals and instructions. UL has also proposed this for ANSI/TIA 4950. The proposal was circulated to TR-8.21 at-large for comment numbered 20-01-003 Electronic medium for required instructions (TIA 4950). Dave Malohn offered a few words on the rationale for this effort. Organizations were encouraged to review and comment on this proposal; a comment matrix is available as 20-01-006. There was agreement to establish a comment deadline of March 6, 2020.

No other New Business was identified.

### **8. Review of Current Assignments.**

- a. Progress ANSI/TIA-4950-B to publication.
- b. Comments due by March 6, 2020 on the Electronic Media Proposal.

### **9. Schedule of Next Meeting.**

The next face-to-face meeting will occur in Memphis sometime from 9 to 11 June 2020. The Chair requested 30 minutes of meeting time.

### **10. Adjournment.**

Harry Reves made a motion to adjourn. Dwight Smith seconded. The meeting was adjourned at 1327 local time. The attendance roster has been filed with the TIA Engineering Department. This meeting was conducted in accordance with the TIA Legal Guides and the engineering procedures.

John Lambrou  
Chair, TR-8.21

## TR-8.21 Land Mobile Radio Intrinsic Safety Consideration Meeting Report

**Quorum member attendance:**

Bird Technologies (TX RX Systems)			Q	1
Codan Radio (formerly Daniels)			Q	1
EF Johnson			Q	1
Etherstack			Q	1
FBI			Q	1
L3Harris Corporation			Q	1
ICOM America			Q	1
Iowa SWIC			Q	1
JVC Kenwood			Q	1
Motorola			Q	1
New York State Police			Q	1
InterTalk			Q	1
BK Technologies (Relm)			Q	1
Texas DPS			Q	1
UL			Q	1
US DHS / FPIC			Q	1
US Coast Guard			Q	1
US Dept of Interior			Q	1
Zetron				
<b>Legend</b>		<i>Total Present</i>	18	
<i>Q = vested voting member</i>		<i>Total Quorum Members</i>	18	
<i>V = new voting member after quorum established</i>		<i>Quorum Members Present</i>	18	
<i>1=This organization was in attendance at this meeting.</i>		<i>Quorum?</i>	Quorum	
<i>E=Excused, Special Circumstances, holds quorum rights</i>		<i>Quorum Percentage</i>	100%	
		<i>Was agenda public at least 2 weeks in advance?</i>	Yes	
		<i>Therefore this meeting was...</i>	Official	

## TR-8.21 Land Mobile Radio Intrinsic Safety Consideration Meeting Report

### **Documents distributed by the TR-8.21 subcommittee at the meeting:**

20-01-009 ANSI\_TIA\_PN\_4950\_B Ballot Summary.pdf  
19-08-001-R1 ANSI\_TIA-4950-B draft\_cl.pdf

### **Documents distributed by the TIA prior to the meeting:**

20-01-002 TR-8.21 Meeting Notice\_Agenda.pdf  
19-11-007 APPROVED - TR821 Charlotte Meeting Report.pdf  
TR-8.21\_Meeting\_2019\_06\_18\_Meeting\_Report.pdf  
20-01-003 Electronic medium for required instructions (TIA 4950).pdf  
20-01-006 Electronic Media Proposal Comments.docx

### **Projects maintained by TR-8.21**

Project	Publication	Title	Status
ANSI/TIA-PN-4950	ANSI/TIA-4950	Requirements for Battery-Powered, Portable Land Mobile Radio Applications in Class I, II, and III Division 1 Hazardous (classified) Locations	Published April 2013.
ANSI/TIA-PN-4950-A	ANSI/TIA-4950-A	Requirements for Battery-Powered, Portable Land Mobile Radio Applications in Class I, II, and III Division 1 Hazardous (classified) Locations (Revision A)	Published May 2014.
ANSI/TIA-PN-4950-A-1	ANSI/TIA-4950-A-1	Requirements for Battery-Powered, Portable Land Mobile Radio Applications in Class I, II, and III Division 1 Hazardous (classified) Locations (Addendum)	Project withdrawn.
ANSI/TIA-PN-4950-B	ANSI/TIA-4950-B	Requirements for Battery-Powered, Portable Land Mobile Radio Applications in Class I, II, and III Division 1 Hazardous (classified) Locations (Revision B)	<a href="#">Approved to publish February 2020.</a>

[Current updates in blue.](#)