**ETG – MEETING NOTICE AND AGENDA, ATTENDANCE AND NOTES– July 13, 2022**

**Time/Date: 1:30 PM – 2:30 PM Central Time, July 13, 2022**

**Place: Holiday Inn Memphis Downtown Beale Street**

**160 Union Avenue**

**Memphis, TN 38103**

**Phone: +1-901-525-5491**

**Website**: [Hotel near Beale St. Downtown Memphis | Holiday Inn Memphis-Downtown (Beale St.) (ihg.com)](https://www.ihg.com/holidayinn/hotels/us/en/memphis/memdn/hoteldetail)

**Room Rate:** $149/single or double (plus all applicable taxes, $2/night occupancy tax)

Please Note: Government rates are also being honored.

Cut-Off : ASAP

Reservation Information:

Online reservations can be made at this URL [Select a Room (ihg.com)](https://www.ihg.com/holidayinn/hotels/us/en/find-hotels/hotel/rooms?qDest=160%20Union%20Avenue,%20Memphis,%20TN,%20US&qCiMy=62022&qCiD=10&qCoMy=62022&qCoD=15&qAdlt=1&qChld=0&qRms=1&qIta=99801505&qGrpCd=TRC&qSlH=MEMDN&qAkamaiCC=US&qSrt=sBR&qBrs=re.ic.in.vn.cp.vx.hi.ex.rs.cv.sb.cw.ma.ul.ki.va.ii.sp.nd.ct.sx.we.lx&qWch=0&qSmP=1&setPMCookies=true&qRad=30&qRdU=mi&srb_u=1&qSHBrC=HI&icdv=99801505) . When booking a room through

this link, all of the information will default as needed to ensure you get our

$149/night rate. You’ll need to only change your Check-In and Check-Out dates.

If you plan to call in your reservation:

Toll Free: 1 877 666 3243

Local Phone: +1-901-525-5491

Please be sure and reference “TR-8” to ensure you’re included in our room block and

receive the contracted rate.

If you’ll be booking through a government rate, please call the number above.

**Cancellation Policy:** No penalty for reservations cancelled up to 48 hours before check-in. Cancellations made within the 24-hour window will be charged one room night.

**GoToMeeting (dial in only) information for Tuesday, Wednesday and Thursday: Please join my meeting from your computer, tablet or smartphone.**

<https://meet.goto.com/488031821>

**You can also dial in using your phone.**

United States: +1 (571) 317-3129

Access Code: 488-031-821

**More phone numbers**

Australia: +61 2 9087 3604

Canada: +1 (647) 497-9391

France: +33 170 950 594

New Zealand: +64 9 280 6302

First GoToMeeting? Let's do a quick system check:

<https://link.gotomeeting.com/system-check>

**APIC ETG Contacts:**

**Chair: Harrison Reves (**[**hreves@yahoo.com**](mailto:hreves@yahoo.com) **or Harrison.Reves@L3Harris .com Phone 575-434-3839)**

**Vice-Chair: Tim Woodward (**[**tim.woodward@motorolasolutions.com**](mailto:tim.woodward@motorola.com) **Phone 480-966-2688)**

**Note 1:**

APIC IMPORTANT NOTICE OF PARTICIPATION: Participation in, or attendance at, any activity of APIC or an APIC sub-element, constitutes acceptance of and agreement to be bound by all provisions of the APIC Operating Guide 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 APIC’s website and APIC's folders maintained by TIA, in whole or in part, on a non-exclusive basis by APIC, its licensees or assignees, or as APIC directs. Exceptions to the foregoing may be granted or permitted in writing by the Chair of APIC with the written consent of the P25 Steering Committee Co-Chairs and the chair of TIA TR8 PRS on a case-by-case basis.

APIC NOTICE AGAINST DISCLOSURE: All contributions, correspondence (manual or electronic), and documentation including, but not necessarily limited to proposals, recommendations, test procedures, surveys/studies and associated supporting information/analysis, shall not be disclosed outside of the APIC Member Organizations represented and working on APIC issues unless such disclosure has been approved in writing by the Chairs of APIC, TIA TR8 PRS, and the P25 Steering Committee Co-Chairs.

**Notice for Voting Rights**

Organizations that are not on the Roster of Member Organizations may ask to be added to the list by informing the chair via email at the above address.

**AGENDA**

1. Call to Order and Record Attendance
2. Approve Agenda (ETG 22-001)
3. Important Notice for Participation (See Above and Below notes)
4. Call for IPR (See Above and Below notes)
5. Approve Minutes and Attendance from the New Orleans meeting (ETG 20-004 and ETG 20-005)
6. Old Business
   1. Teleconference activities
   2. Update and discussion of LLE working documents

1. New Business
   1. Accept Inputs and discussion
   2. Hold Chair and Vice-Chair Elections
   3. Record Actions
2. Next Meeting
3. Adjourn

**Note 2:**

TIA's Intellectual Property Rights Policy can be found in Statements of Policy (ANNEX C) and other clauses and annexes of TIA Standards Development Procedures. 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.

**Note 3:**

In order to allow for a more compressed schedule, and to insure that no time is wasted if a meeting is canceled or finishes early, the starting time for the meeting is flexible and may be any time up to three hours prior to the scheduled target.

**ATTENDANCE BY ORGANIZATION – ENCRYPTION TASK GROUP**

**Organizations Listed are those that have asked the chair for membership in the task group. An ‘X’ indicates that the organization responded to the quorum call, ‘\*’ indicates that they didn’t respond to the quorum call, but at least one representative signed the attendance sheet.**

**ENCRYPTION TASK GROUP ROSTER OF MEMBER ORGANIZATIONS**

**Organizations Listed with a “V” are those that have eligible voting status in the task group at the current meeting. Organizations with a “NE” are not eligible to vote and need to reestablish voting eligibility by the 3-2-1 rule. Organizations with a “NV” are non-voting members.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Company or Affiliation** | **V** | **7/13/2022**  **Q** | **2/05/2020**  **Q** | **10/09/2019**  **Q** | **5/19/2019**  **Q** | **2/6/2019**  **Q** | **10/17/2018**  **Q** | **5/20/2018**  **Q** |
| **VIAVI** | **1- NE** |  |  | X |  |  | X |  |
| Codanradio | 2-V |  | X |  | X | X | X | **X** |
| DHS/FPIC | 3-V | X | X | X | X | X | X | **X** |
| DOJ | **4-NE** |  |  |  |  |  |  |  |
| Airbus DS | **5- NE** | X |  |  |  |  |  |  |
| EF Johnson | 6-V | X | X | X | X | X | X | **X** |
| Etherstack | 7-V | X | X | X | X | X |  |  |
| Harris | 8-V | X | X | X | X | X | X | **X** |
| ICOM America Inc. | 9-V | X | X | X | X | X | X | **X** |
| Kenwood U.S.A. Corporation | 10-V | X | X | X | X | X | X | **X** |
| Motorola | 11-V | X | X | X | X | X | X | **X** |
| BK Technologies | 12-V |  | X | X | X |  | X | **X** |
| Tait | **13-NE** | X |  |  |  |  |  |  |
| Technisonic | 14-V |  |  |  |  |  |  |  |
| Zetron | 15-V |  |  | X |  |  | X | **X** |
| FBI | 16-V | X | X | X | X | X | X | **X** |
| Midland Radio | **17-NE** |  |  | X |  |  |  |  |
| **DOI** | 18-V | X | X | X | X |  | X | **X** |
| Intertalk | 19-V | X | X | X | X | X | X | **X** |

Eligible Voting: 14, For Quorum: 8

Notes

**AGENDA**

1. Call to Order and Record Attendance

**The meeting was called to order at 1:30 PM Central Time with a Quorum of 10 out of 14 eligible voting members.**

1. Approve Agenda (ETG 22-001 – R1)

The chair asked for a motion to approve the agenda. Mr. Tom Senese made the motion to approve the agenda and Mr. John Lambrrou second the motion. The Chair asked for the vote and the agenda was approve unanimously with no abstains or no votes.

1. APIC Important Notice for Participation: (See Above and Below notes)

The Chair called attention to the APIC Important Notice for Participation shown on the agenda.

1. Call for IPR: (See Above and Below notes)

The Chair called attention for the TIA IPR Policy and ask if there was any IPR that need to be disclosed for any of the documents or technical discussions for today’s meeting. NONE was identified or offered.

1. Approve Minutes and Attendance from the New Orleans meeting (ETG 20-004 and ETG 20-005)

The Chair asked for review and approval of the last meeting minutes and attendance from the meeting held in New Orleans. Mr. Josh Johnson made the motion and Mr. Derek Wells second the motion. The Chair called for the vote and the meeting minutes and attendance were approved unanimously with no abstains or no votes.

1. Old Business
   1. Teleconference activities

The chair reported there were 14 teleconferences held since the last meeting in New Orleans.

* 1. Update and discussion of LLE working documents

The Chair gave a status update on the five draft technical documents currently in ETG. They are:

1. FDMA Control LLE version ETG 18-009-R07 – Finished Comments

The Comment Matrix with all comments closed is ETG 18-015-R06.

1. FDMA Data LLE version ETG19-034-R5 – Finished Comments

The comment Matrix with all comments closed is ETG 19-040-R1 and ETG 20-056-R1.

1. \*Link Layer Security Overview Clean Version ETG 16-049-R35 – Working

Need to review comment Matrix’s ETG16-052-R12, ETG 18-081-R4, ETG 19-005-R1 and ETG 20-055-R1 Just to make sure all comments were addressed.

1. LLE Message and Procedures Clean version ETG 18-019-R19 - Working

Need review of comment matrix ETG 19-011-R16. Some comments differed. May not affect any change to the current document

1. TDMA LLE Document Version ETG17-005-R05 – Finished Comments

The Comment Matrix with all comments closed is ETG 17-006-R5.

Work Items still need to be drafted are Key fill Messages for ILIKS and Conventional OTAR for LLE. Also, some changes may be needed for the KFD, ISSI and DFSI.

The initial draft of the FDMA Conventional CAI has still to be drafted. Mr. Keven Doberstine from Motorola is the assigned editor for that document. When this document is developed there may be some changes to the other LLE draft documents.

The Chair then stated the editor of the current five document was unable to continue as editor and would be seeking volunteers to replace Mr. Hengeveld. Mr. Hengeveld then spoke to his situation and the chair opened the floor for discussions on how to proceed. Several of the user attendees took the floor to speak about the need for completing the LLE documents and getting them in to the TIA TR 8.3 committee for P25 standards development. Some of the user’s “Mr. Scott Wright” described security incidents that have happened such as the OHIO incident that happened due to the lack of link security on the P25 systems. Mr. Downs from DHS and Mr. Massie from the FBI spoke about the federal government concerns for link security and there is a place holder in the P25 standards for link layer security which they have been waiting for, FPIC submitted a document ETG 22-007 which talks about the need for link layer security and vulnerability concerns

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Then Manufacturer’s talked about their business management priority’s that have them stretched with fewer engineering resources to work on the standards. Some manufacturers stated they were not able to present a business case that could convince their business management there was enough market to put their limited resources to work on LLE. The manufacturers need something compelling to take to their business management that will convince them to provide more resource support. Mr. Massie spoke about the federal users must comply with FISMA security requirements. And its impact on the current and future radio systems for operation and what they can purchase. Bottom line is if the systems can not comply with NIST and FISMA security requirements they cannot buy the systems or equipment and will have to look for other solutions. The DOD and State and Local users were also concerned about these security issues also. There were two demonstrations of cheap of the shelf radio receiving devices with down loadable open-source software that decodes the P25 radio traffic for monitoring.

. In closing the discussion, one of the manufacturers stepped up, Mr. Senese of Etherstack to help draft some of the needed documents and Mr. Hengeveld stated he was willing to work with any new editors to get them up to speed with what still needs to be done for the LLE documents. It was decided that the chair will schedule a conference call in 3 weeks to give the manufacturers time to study the work that has been done and determine what documents need drafted to complete the work in ETG. After the meeting Mr. Nisbet from TAIT emailed the Chair requesting the meeting be an afternoon US time call due to the time difference in New Zealand.

1. New Business
   1. Accept Inputs and discussion

The FPIC letter on LLA was accepted and assigned ETG 22-007 as a document number.

* 1. Hold Chair and Vice-Chair Elections

The Chair opened the floor for Chair and Vice Chair nominations. None were offered. Then the Chair stated that both he and the Vice Chair are willing to continue in their current positions as Chair and Vice Chair due to no other nominations. Both the Chair and Vice Chair have support from their respective companies. The letters are in the ETG folder. Mr. Tom Senese made a motion to reelect the current Chair and Vice Chair to another term of two years. Mr. Jim Downs second the motion. The Chair asked for the vote and the Chair and Vice Chair were reelected to office The vote was approved unanimously with no abstains or no negative votes.

* 1. Record Actions

The Chair will draft the meeting notes, Post the meeting documents at TIA, schedule the teleconference for three weeks out, email election results documents to appropriate TIA and APIC officials and email report with next teleconference agenda to the ETG group.

1. Next Meeting

The date for the next scheduled face to face meeting for TIA has not been determined yet.

1. Adjourn

The meeting was adjourned at 2:35 Central Time.