

# Project 25 Standards Meeting Update: June 2018 Atlanta

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This document highlights TR-8 accomplishments and work in progress for 2018. The document will be updated after every TR-8 face to face meeting occurring in 2018. The filename reflects the date of the latest update. After the first 2018 version, each update will use **blue font** to indicate the updates.

## Completed in 2018:

### Air Interfaces

- **An addendum to the Trunking Control Channel Messages standard** was approved for publication.  
*This addendum introduces an “Accessory Sensed Emergency” flag to the Emergency Alarm message.*
- **A revision to the Conventional Interoperability Test standard** was approved for ballot.  
*This revision corrects editorial errors and makes clarifications on various test procedures but does not add, remove or technically alter tests.*
- **A revision of TSB-88.1-E (Part 1 Performance Modeling) was approved for ballot.**  
*This revision incorporates Addendum 1 and incorporates proposals to clarify and improve performance modeling methods.*
- **A revision of TSB-88.3-E (Part 3 Performance Verification) was approved for ballot.**  
*This revision incorporates Addendum 1 and incorporates proposals to clarify and improve performance verification*

### Wireline Interfaces

- **An addendum to the ISSI Messages and Procedures for Supplementary Data** was approved for publication.  
*This addendum introduces the messages and procedures for Individual Regrouping control across an ISSI/CSSI.*
- **A revision of the ISSI/CSSI Interoperability Test Procedures for Trunked Voice Operation** was approved for ballot.  
*This revision adds a normative annex that intends to simplify ISSI/CSSI Interoperability testing by recommending existing test configurations that use only 2 RF Sub Systems at a time and test a single ISSI/CSSI link at a time. TIA documentation of methods for simplification of ISSI/CSSI testing and test reporting is part of a larger effort to reduce the obstacles that have prevented manufacturers from providing ISSI/CSSI test results to CAP.*
- **A revision of the ISSI Recommended Compliance Assessment Tests bulletin** was approved for ballot.  
*This revision will add recommended interoperability tests for Trunking CSSI applications and add recommended interoperability tests of TDMA operation of the Trunking ISSI and CSSI.*

### Security

- **A revision of the Security Services Overview document** was approved for ballot.  
*This revision merges a previously published addendum with the parent document. There have been only editorial changes to the content of the published documents being merged.*

## Data

- **A revision of the Tier 2 Location Service Specification** was approved for ballot.  
*This revision corrects editorial errors and makes corrections to EXI Encoding examples.*
- **TCP/UDP Port Number Assignments** was approved for ballot.  
*This revision addresses errata that have been collected since the last publication.*
- **Mobile Data Peripheral Interface** was approved for ballot.  
*This revision addresses errata that have been collected since the last publication.*
- **CMS Specification for Packet Data** was approved for ballot.  
*This revision addresses errata that have been collected since the last publication.*
- **Packet Data Logical Link Control Procedures** was approved for ballot.  
*This revision addresses errata that have been collected since the last publication.*
- **Packet Data Host Network Interface** was approved for ballot.  
*This revision addresses errata that have been collected since the last publication.*

## Broadband

### Work in Progress:

#### Air Interfaces

- **Creation of a High Signal Strength Intermodulation Rejection Test** is in progress.  
*This test will measure the ability of a P25 or analog conventional FM receiver to reject an unwanted broadband base station signal, thereby preventing degradation to the reception of a desired signal. Performance specifications are expected to follow completion of the measurement method.*
- **A revision 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”** is in progress.  
*UL is proposing improvements/clarifications to the document regarding electrical protection parameters.*
- **A revision of the Trunking Control Channel Messages standard** is in progress.  
*This revision addresses errata that have been collected since the last publication. The changes to this document were known to manufacturers that have recently completed CAP Conventional Interoperability testing and the CAP Compliance Assessment Bulletin references to this new version will be made once the document is published.*

#### Wireline Interfaces

- **Group Regrouping for the Trunking ISSI/CSSI Standard** is in progress.  
*This work will enable dispatch equipment connected to Trunking Infrastructures via the ISSI/CSSI to control group regrouping services. Note the control channel messaging for these services has already been standardized.*
- **A new Interoperability test standard for Trunked ISSI Supplementary Data Services** is in progress.  
*This document will provide a standard set of tests for validating interoperability of Supplementary Data Services (Emergency Alarm, Call Alert, etc) operating across a Trunked ISSI.*

## Security

- **Definition of a Link Layer Encryption Security Service** is in progress.  
*This is the first big new technology upgrade for improved Security for all air interfaces of P25. It protects control channel control messages, and hides group and individual IDs.*
- **An addendum to the Key Fill Interface standard** is in progress.  
*This will enable Key Fill Device (KVL) interface to a KMF, an Authentication Facility and another Key Fill Device*

## Data

- **Definition of 3GPP Mission Critical standard services interworking with TIA Land Mobile Radio standard services** is in progress.  
*This document will describe interworking of features (example; group and individual calls) that are common between 3GPP LTE standards and P25 Trunking, P25 Conventional and Analog Conventional FM LMR standards.*