

## Project 25 Documents

### Approved Project 25 Standards

Approved December 2020

| Official Document Title  | TIA Document #     | ANSI | Published | Re-affirmed | Approved by the P25 Steering Committee as a P25 Standard |
|--|--------------------|------|-----------|-------------|--|
| Project 25 TIA-102 Documentation Suite Overview  | TSB-102-D          |      | Apr-20    |             | Feb-20   |
| Project 25 Digital Land Mobile Radio - Security Services Overview  | TIA-102.AAAB-B     | X    | Feb-19    |             | Oct-18   |
| Project 25 Digital Land Mobile Radio Block Encryption Protocol   | TIA-102.AAAD-B     | X    | Dec-15    |             | Oct-15   |
| Project 25 Trunking Overview Digital Radio Technical Standards   | TIA-102.AABA-C     | X    | Dec-19    |             | Oct-20   |
| Project 25 Trunking Control Channel Formats  | TIA-102.AABB-B     | X    | July-11   |             | Jul-11   |
| Project 25 Trunking Control Channel Messages   | TIA-102.AABC-E     | X    | Apr-19    |             | Feb-19   |
| Project 25 Trunking Procedures   | TIA-102.AABD-B     |      | Nov-14    |             | Oct-14   |
| Project 25 Link Control Word Formats and Messages  | TIA-102.AABF-D     | X    | Apr-15    |             | Feb-15   |
| Project 25 Conventional Control Messages   | TIA-102.AABG       |      | Apr-09    |             | Apr-09   |
| Project 25 Dynamic Regrouping Messages and Procedures  | TIA-102.AABH       |      | Nov-14    |             | Oct-14   |
| Project 25 Digital Radio Over-the-Air Rekeying (OTAR) Protocol   | TIA/EIA-102.AACA-A | X    | Sep-14    |             | Aug-14   |
| Project 25 Digital Radio Over-the-Air Rekeying (OTAR) Protocol   | TIA-102.AACA-A-1   |      | Nov - 20  |             | Feb-20   |
| Conformance Tests for Project 25 Over-The-Air Rekeying (OTAR) Protocol                                     | TIA-102.AACC-A     | X    | Aug-06    |             | Aug-06   |
| Project 25 Digital Land Mobile Radio - Key Fill Device (KFD) Interface Protocol                            | TIA-102.AACD-A     |      | Sep-14    |             | Aug-14   |
| Project 25 Digital Land Mobile Radio Link Layer Authentication   | TIA-102.AACE-A     |      | Apr-11    |             | Apr-11   |
| Project 25 FDMA - Common Air Interface   | TIA-102.BAAA-B     | X    | Jun-17    |             | Feb-17   |
| Project 25 Common Air Interface Conformance Test   | TIA-102.BAAB-B     |      | Mar-05    | Jan-13      | Jan-13   |
| Project 25 Common Air Interface Reserved Values  | TIA-102.BAAC-D     | X    | Jun-17    |             | Feb-17   |
| Project 25 Conventional Procedures   | TIA-102.BAAD-B     |      | Aug-15    |             | Jun-15   |
| Project 25 Vocoder Description   | TIA-102.BABA-A     | X    | Feb-14    |             | Oct-13   |
| Project 25 Vocoder Mean Opinion Score Conformance Test   | TIA/EIA-102.BABB   | X    | May-99    | Feb-14      | May-99   |
| Project 25 Enhanced Vocoder Methods of Measurement for Performance   | TIA-102.BABG       |      | Mar-10    |             | Mar-10   |
| Project 25 Inter-RF Subsystem Interface Messages and Procedures for Voice and Mobility Management Services | TIA-102.BACA-B     |      | Nov-12    |             | Oct-12   |

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| Project 25 Inter-RF Subsystem Interface Messages and Procedures for Voice, Mobility Management, and RFSS Capability Polling Services - Addendum 1 - Group Emergency Behaviors | TIA-102.BACA-B-1   |      | Jul-13    |             | Jun-13   |
| Project 25 Inter-RF Subsystem Interface Messages and Procedures for Voice and Mobility Management and RFSS Capability Polling Services - Addendum 2                           | TIA-102.BACA-B-2   |      | Nov-16    |             | Oct-16   |
| Project 25 Inter-RF Subsystem Interface Overview  | TSB-102.BACC-B     |      | Nov-11    |             | Oct-11   |
| Project 25 Inter-RF Subsystem Interface (ISSI) Messages and Procedures for Supplementary Data   | TIA-102.BACD-B     |      | Jul-11    |             | Aug-11   |
| Project 25 Inter-RF Subsystem Interface (ISSI) Messages and Procedures for Supplementary Data - Addendum 1  | TIA-102.BACD-B-1   |      | May-17    |             | Feb-17   |
| Project 25 ISSI Messages and Procedures for Supplementary Data – Addendum 2 – Individual Regrouping   | TIA-102.BACD-B-2   |      | Mar-18    |             | Feb-18   |
| Project 25 Inter-RF Subsystem Interface (ISSI) Messages and Procedures for Conventional Operations  | TIA-102.BACE       |      | Jun-08    | Jan-13      | Jan-13   |
| Project 25 Inter-RF Subsystem Interface (ISSI) Messages and Procedures for Packet Data Services   | TIA-102.BACF       |      | Oct-09    |             | Jul-12   |
| ISSI Messages and Procedures for Group Regrouping   | TIA-102.BACG       |      |           |             |  |
| Project 25 Telephone Interconnect Requirements and Definitions (Voice Services)   | TSB-102.BADA-A     | X    | Jun-12    |             |  |
| Project 25 Data Overview  | TIA/EIA-102.BAEA-C | X    | Dec-15    | Oct-20      | Oct-15   |
| Project 25 IP Data Bearer Service Specification   | TIA-102.BAEB-C     | X    | Dec-19    |             | Oct-19   |
| Project 25 Packet Data Logical Link Control Procedures  | TIA-102.BAED-A     | X    | Apr - 19  |             | Oct-18   |
| Project 25 Radio Management Controls  | TIA-102.BAEE-C     | X    | Dec-15    | Oct-20      | Oct-15   |
| Project 25 Packet Data Host Network Interface   | TIA-102.BAEF-A     | X    | Feb-19    |             | Oct-18   |
| Project 25 Mobile Data Peripheral Interface   | TIA-102.BAEG-A     | X    | Mar-19    |             | Oct-18   |
| Project 25 Conventional Management Service Specification for Packet Data  | TIA-102.BAEJ-A     | X    | Mar-19    |             | Oct-18   |
| Project 25 Network Management Interface Overview  | TSB-102.BAFA-A     |      | Jul-99    | Jan-13      | Jan-13   |
| Project 25 Console Subsystem Interface Overview   | TSB-102.BAGA       |      | Feb-08    | Jan-13      | Jan-13   |

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| Project 25 Fixed Station Interface Messages and Procedures  | TIA-102.BAHA-A |      | Jun-17    |             | Jun-17   |
| Project 25 Location Services Overview   | TSB-102.BAJA-B |      | Nov-17    |             | Oct-17   |
| Project 25 Tier 1 Location Services   | TIA-102.BAJB-B | X    | Dec - 19  |             | Oct-19   |
| Project 25 Tier 2 Location Services Specifications  | TIA-102.BAJC-B | X    | Mar-19    |             | Oct-18   |
| Project 25 TCP/UDP Port Number Assignments  | TIA-102.BAJD-A |      | Jan-19    |             | Oct-18   |
| Project 25 KMF to KMF Interface   | TIA-102.BAKA   |      | Apr-12    |             | Jan-12   |
| Project 25 Two-slot TDMA Overview   | TSB-102.BBAA   |      | Mar-10    |             | Mar-10   |
| Project 25 Phase 2 Two-Slot Time Division Multiple Access Physical Layer Protocol Specification                                   | TIA-102.BBAB   |      | Jul-09    |             | Jul-09   |
| Project 25 Phase 2 Two-slot TDMA Media Access Control Layer Description   | TIA-102.BBAC-A |      | Nov-19    |             | Jun-19   |
| Project 25 Phase 2 Two-slot TDMA MAC Layer Control Channel  | TIA-102.BBAD-A |      | Nov-19    |             | Jun-19   |
| Project 25 Phase 2 Two-slot TDMA MAC Layer Procedures   | TIA-102.BBAE   |      | Nov-19    |             | Oct-20   |
| Project 25 Phase 2 Two-Slot Time Division Multiple Access Trunked Voice Services Common Air Interface Conformance Specification   | TIA-102.BCAD   |      | Sep-11    |             | Sep-11   |
| Project 25 Trunked TDMA Voice Channel Conformance Profiles  | TIA-102.BCAF   |      | Aug-12    |             | Aug-12   |
| Project 25 Phase 2 Two-Slot Time Division Multiple Access Trunked Voice Services Message and Procedures Conformance Specification | TIA-102.BCAE   |      | Nov-19    |             | Jul-11   |
| P25 Digital C4FM/CQPSK Transceiver Measurement Methods  | TIA-102.CAAA-E | X    | Mar 16    |             | Jan-16   |
| Project 25 Land Mobile Radio Transceiver Performance Recommendations - Digital Radio Technology C4FM/CQPSK Modulation             | TIA-102.CAAB-D | X    | Feb-13    |             | Dec-12   |
| Project 25 Mobile Radio Push-to-Talk and Audio Interface - Definitions and Methods of Measurement                                 | TSB-102.CAAC   |      | Sep-02    |             | Sep-02   |
| Project 25 Interoperability Test Procedures Conventional Voice Equipment  | TIA-102.CABA-A |      | Nov-18    |             | Oct-18   |
| Project 25 Interoperability Testing for OTAR Messages and Procedures  | TIA-102.CABB-A |      | Nov-15    |             | Oct-15   |
| Project 25 Interoperability Testing for Voice Operation in Trunked Systems  | TIA-102.CABC-C |      | Feb-17    |             | Feb-17   |

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| Project 25 Inter RF Subsystem Interface (ISSI) Measurement Methods for Voice Services   | TIA-102.CACA   |      | Apr-07    | Jan-13      | Oct-12   |
| Project 25 Inter RF Subsystem Interface (ISSI) Measurement Methods for Voice Services - Addendum 1 Trunked Console ISSI         | TIA-102.CACA-1 |      | Dec-08    | Jan-13      | Oct-12   |
| Project 25 Inter-RF Subsystem Interface (ISSI) Performance Recommendations for Voice Services                                   | TIA-102.CACB   |      | Apr-07    | Jan-13      | Jan-13   |
| Project 25 Inter-RF Subsystem Interface (ISSI) Performance Recommendations for Voice Services - Addendum 1 Trunked Console ISSI | TIA-102.CACB-1 |      | Dec-08    | Jan-13      | Oct-12   |
| Project 25 Inter-RF Subsystem Interface Conformance Test Proectures   | TIA-102.CACC   |      | Jan-09    |             | Aug-11   |
| Project 25 Inter-RF Subsystem Interface Conformance Test Proectures Addendum 1 - Supplementary Data                             | TIA-102.CACC-1 |      | Aug-11    |             | Aug-11   |
| Project 25 Inter-RF Subsystem Interface - Interoperability Test Procedures for Trunked Systems Involving the ISSI               | TIA-102.CACD-D |      | Nov-18    |             | Oct-18   |
| Project 25 Fixed Station Interface Conformance Test Procedure   | TIA-102.CADA   |      | Apr-07    | Jan-13      | Oct-12   |
| Project 25 Conformance Profile Level One - Basic Conventional Operation   | TIA-102.CAEA-A |      | Jun-16    |             | Jun-16   |
| Project 25 Conformance Profile Level Two - Advanced Conventional Operation  | TIA-102.CAEB-A |      | Jun-16    |             | Jun-16   |
| Project 25 Conformance Profile Level Three - Basic Trunked Operation  | TIA-102.CAEC   |      | Dec-11    |             | Oct-12   |
| Project 25 Conformance Profiles for Advanced Trunked Operations   | TIA-102.CAED   |      | Nov-13    |             | Nov-13   |
| Project 25 Compliance Assessment Overview   | TSB-102.CBAA   |      | Oct-10    |             | Oct-10   |
| Project 25 Compliance Assessment Program Supplier Declaration of Compliance Template  | TSB-102.CBAB   |      | Jun-09    |             | Jun-09   |
| Project 25 Compliance Assessment Summary Test Report Guidelines - Transceiver Performance                                       | TSB-102.CBAC   |      | Apr-09    |             | Apr-09   |
| Project 25 Compliance Assessment Summary Test Report Guidelines - Trunking Interoperability                                     | TSB-102.CBAF   |      | Apr-09    |             | Apr-09   |
| Project 25 Compliance Assessment Tests - Transceiver Performance - Conventional Mode Subscriber                                 | TSB-102.CBBA-A |      | Jun-15    |             | Feb-15   |

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| Project 25 Compliance Assessment Tests - Transceiver Performance - Conventional Mode Fixed Station                                   | TSB-102.CBBC-A     |             | Jun-15                |               | Feb-15   |
| Project 25 Recommended Compliance Assessment Tests - Conventional Operation  | TSB-102.CBBE       |             | Sep-11                |               | Aug-11   |
| Project 25 Recommended Compliance Assessment Tests - Transceiver Performance - Trunking Mode Subscriber                              | TSB-102.CBBF-A     |             | Jun-15                |               | Feb-15   |
| Project 25 Recommended Compliance Assessment Tests - Performance - Trunked Mode Fixed Station Transceiver and Related Infrastructure | TSB-102.CBBH-A     |             | May-15                |               | Feb-15   |
| Project 25 Recommended Compliance Assessment Tests - Trunking Interoperability   | TSB-102.CBBJ-C     |             | Jun-15                |               | Feb-15   |
| Project 25 Recommended Compliance Assessment Tests - Trunking ISSI   | TSB-102.CBBK-B     |             | Nov-18                |               | Oct-18   |
| Project 25 Recommended Compliance Assessment Tests for TDMA Trunking Voice Channel Air Interface                                     | TSB-102.CBBL-A     |             | Jun-15                |               | Feb-15   |
| Project 25 Two-Slot Time Division Multiple Access Transceiver Measurement Methods  | TIA-102.CCAA-B     | X           | Mar-16                |               | Jan-16   |
| Project 25 Two-Slot Time Division Multiple Access Transceiver Performance Recommendations  | TIA-102.CCAB-A     | X           | Mar-14                |               | Jan-14   |
| <b>Withdrawn Documents</b>   |                    |             |                       |               |  |
|  | <b>Document #</b>  | <b>ANSI</b> | <b>Withdrawn Date</b> | <b>Status</b> |  |
| P25 DES Encryption Protocol  | TIA/EIA-102.AAAA-A | X           | Oct-06                |               |  |
| P25 DES Encryption Conformance   | TIA/EIA-102.AAAC   | X           | Jun-13                |               |  |
| P25 OTAR Operational Description   | TIA-102.AACB       |             | Oct-14                |               |  |
| Project 25 Vocoder Reference Test  | TIA-102.BABC       |             | Expired               |               |  |
| Vocoder Selection Process  | TSB-102.BABD       |             |                       |               |  |
| Vocoder Selection Process Tapes  | TSB-102.BABD       |             |                       |               |  |
| Vocoder Evaluation MOS Test  | TSB-102.BABE       |             |                       |               |  |
| Vocoder Experiment 3 MOS Test Plan   | TSB-102.BABF       |             |                       |               |  |
| P25 Circuit Data Specification   | TIA/EIA-102.BAEC   | X           | Jan-10                |               |  |