

Project 25 Documents

**Approved Project 25 Standards**

Accepted 23 April 2025

Official Document Title	TIA Document #	ANSI	Published	Re-affirmed	Approved by the P25 Steering Committee as a P25 Standard	Comments
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		Feb-19		Oct-18	
Project 25 Digital Land Mobile Radio Block Encryption Protocol	TIA-102.AAAD-B		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 Control Channel Messages	TIA-102.AABC-E-1		Dec -23		Oct-23	
Project 25 Trunking Control Channel Messages	TIA-102.AABC-E-2					Cancelled - Content absorbed in E-3
Project 25 Trunking Control Channel Messages	TIA-102.AABC-E-3		Feb-25		Oct-24	
Project 25 Trunking Procedures	TIA-102.AABD-C				Oct 24	Draft in Progress
Project 25 Trunking Procedures LOP Addendum	TIA-102.AABD-B-1		Dec-23		Oct - 23	
Project 25 Trunking Procedures UA Addendum	TIA-102.AABD-B-2		Jul-23		Apr-23	
Project 25 Trunking Procedures RAE Addendum	TIA-102.AABD-B-3		Feb -25		Oct-24	
Project 25 Link Control Word Formats and Messages	TIA-102.AABF-D	X	Apr-15		Feb-15	
Project 25 Link Control Word Formats and Messages	TIA-102.AABF-D-1		Dec-23		Oct-23	
Project 25 Link Control Word Formats and Messages	TIA-102.AABF-D-2		Jul-23		Apr-23	
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-102.AACA-D		Apr - 25		Feb-25	
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		Oct-24	
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-102.BABB	X	May-99	Aug 13	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-C				Oct-24	Draft in Progress
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 Messages and Procedures for Voice and Mobility Management and RFSS Capability Polling Services - Addendum 3 Interworking with IWF	TIA-102.BACA-B-3		Jan 21		Feb-22	
Project 25 Inter-RF Subsystem Interface Overview	TSB-102.BACC-B		Nov-11		Oct-11	

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Project 25 Inter-RF Subsystem Interface (ISSI) Messages and Procedures for Supplementary Data	TIA-102.BACD-B		Jul-11		Jun-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 ISSI Messages and Procedures for Supplementary Data – Addendum 3 –Interworking with IWF	TIA-102.BACD-B-3		Feb-21		Oct-22	
Project 25 ISSI Messages and Procedures for Supplementary Data - RAE Addendum 4 -	TIA-102.BACD-B-4					Addendum 4 in Progress
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					Draft in Progress
Project 25 Telephone Interconnect Requirements and Definitions (Voice Services)	TSB-102.BADA-A	X	Jun-12			
Project 25 Data Overview	TIA-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	
Project 25 Fixed Station Interface Messages and Procedures	TIA-102.BAHA-A		Jun-17		Jun-17	IWF Addendum in progress TR8.19
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-A		Jul-24		Jun-24	
Project 25 KMF to KMF Interface - Addendum 1	TIA-102.BAKA-A-1		Dec -24		Oct-25	
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 Two-Slot TDMA MAC Layer Messages Addendum - Location on PTT and User Alias	TIA-102.BBAD-A-1		Mar - 25		Oct-24	
Project 25 Phase 2 Two-slot TDMA MAC Layer Procedures	TIA-102.BBAE		Nov-19		Oct-20	
Project 25 Two-Slot TDMA MAC Layer Procedures Addendum 1 Location on PTT and User Alias	TIA-102.BBAE-1		Mar - 25		Oct-24	
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	

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Project 25 Phase 2 Two-Slot Time Division Multiple Access Trunked Voice Services Message and Procedures Conformance Specification	TIA-102.BCAE		Jul-11		Jun-11	
P25 Digital C4FM/CQPSK Transceiver Measurement Methods	TIA-102.CAAA-F	X	Sep-21		Jun-21	
Project 25 Land Mobile Radio Transceiver Performance Recommendations - Digital Radio Technology C4FM/CQPSK Modulation	TIA-102.CAAB-E	X	Sep-21		Jun-21	
Project 25 Land Mobile Radio Transceiver Performance Recommendations - Digital Radio Technology C4FM/CQPSK Modulation Addendum 1	TIA -102.CAAB-E-1		Nov-22		Jul-22	
Project 25 Land Mobile Radio Transceiver Performance Recommendations, Digital Radio Technology, C4FM/CQPSK Modulation - Addendum 2	TIA-102.CAAB-E-2		Dec - 24		Oct-24	
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		Oct-16	
Project 25 Interoperability Testing for OTAR Messages and Procedures - Addendum 1	TIA-102.CABC-C-1		May-22		Feb-22	
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-C	X	Jul-22		Jun-22	
Project 25 Two-Slot Time Division Multiple Access Transceiver Performance Recommendations	TIA-102.CCAB-B	X	Jul-22		Jun-22	
Project 25 Two-Slot Time Division Multiple Access Transceiver Performance Recommendations Addendum 1	TIA-102.CCAB-B-1		Dec-24		Oct-24	
Withdrawn Documents	Document #	ANSI	Withdrawn Date	Status		Comments
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			
Project 25 Phase 2 Two-slot TDMA Media Access Control Layer Description Addendum 1	TIA-102.BBAC-1					Absorbed into BBAC-A
Project 25 Interoperability Testing for Voice Operation in Trunked Systems Addendum 1	TIA-102.CABC-B-1		11-Jul			Absorbed into CABC-C
Services Overview - Addendum Key Management Architecture	TIA-102.AABC-D-1		Apr-19			Absorbed into AABC-E
Project 25 Trunking Control Channel Messages - Addendum 1	TIA - 102.AABC-D-2		Apr-19			Absorbed into AABC-E
Project 25 Trunking Control Channel Messages - Addendum 2 - Vehicle sensed Emergency	TIA-102.AABC-D-3		Apr-19			Absorbed into AABC-E
Project 25 Digital Radio Over-the-Air Rekeying (OTAR) Protocol	TIA-102.AACA-A-1		Nov-20			Absorbed into AACA-B AD-note - Column C is correct
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	Absorbed into BBAC-A
Project 25 Phase 2 Two-slot TDMA Media Access Control Layer Description Addendum 1	TIA-102.BBAC-1		13-Feb			Absorbed into BBAC-A