

TIA TR-45 2000/2001 WORKPLAN

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TR-45.1 2000 Workplan

	3GPP2	TIA
• PN-4373 (Analog Air Interface Support for ESN Expansion) (On hold)		√
• PN-4375 (IMSI on the Analog Air Interface) Cancelled		√
• PN-4558 (TIA/EIA/TSB-121 2.5mm jack for TDD/TTY) - Approved for ballot November 2000 - Approve for Publication January 2001		√
• PN-4560 (TIA/EIA-553-B Revision to TIA/EIA-553-A) - Approve for Publication 3Q01		√
• PN-4630 (TIA/EIA/IS-816 IDB Message Set) - Approved for Publication July 2000		√
• SP-4658 (Upgrade TIA/EIA/IS-89 to ANSI) - Approved for Ballot 1Q00		√
• SP-4659 (Upgrade TIA/EIA/IS-90 to ANSI) - Approve for Ballot December 2000		√
• PN-4862-1 (Addendum to TIA/EIA/IS-817) - Approve for Ballot February 2001		√
• PN-4864 (Revision of TSB-16) - Approved for Ballot August 2000 - Approve for Publication December 2000		√

TR-45.2 2001 Workplan Candidates

• TIA/EIA-553-B (Enhancement to TIA/EIA-553-A)	√
Plus Code Dialing	
Global Emergency Calling O (GECO)	
Geo Location	

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TR-45.2 2000 Workplan

	3GPP2	TIA
<ul style="list-style-type: none"> • PN-3590 (ANSI-41-E) <ul style="list-style-type: none"> - Approve for ANSI Ballot Feb. –March 2001 - Approve for Publication April 2001 <p>Projects to be included in ANSI-41-E</p> <ol style="list-style-type: none"> 1. TSB-76 (PCS Multi-band – Based on IS-41-C) 2. IS-730 (DCCH Based on IS-41-C) 3. IS-737 (Circuit Modes Services – Data – Based on IS-41-C) 4. IS-751 (IMSI) 5. IS-735 (CDMA) 6. IS-756-A (WNP Phase 1 and Phase II) 7. IS-725-A (OTASP and OTAPA) 8. IS-764 (CNAP/CNAR) 9. J-STD-034 (Emergency Services) 10. IS-771 (WIN) 11. IS-778 (Authentication Enhancements) 12. IS-807 (Internationalization of ANSI-41) 13. IS-812 (ANSI-41 Message Segmentation) 14. Miscellaneous Enhancements Document 	√	√
<ul style="list-style-type: none"> • PN-3890 (Phase II - ES) <ul style="list-style-type: none"> - Approve for Publication December 2000 	√	√
<ul style="list-style-type: none"> • PN-4288 (Emergency Services Beyond the FCC Mandate) <ul style="list-style-type: none"> - (To Be Determined) 	√	√
<ul style="list-style-type: none"> • PN-4289 (WIN Phase II) <ul style="list-style-type: none"> - Approve for Publication Sept. 2000 as <i>IS-848</i> 	√	√
<ul style="list-style-type: none"> • PN-4392 (ANSI-664 - Enhanced Security Services) (To Be Determined) 	√	√
<ul style="list-style-type: none"> • PN-4393 (ANSI-41 - Enhanced Security Services) <ul style="list-style-type: none"> - Approved for Ballot August 2001 - Approved for Publication November 2001 	√	√
<ul style="list-style-type: none"> • PN-4410 (Automatic Code Gapping) <ul style="list-style-type: none"> - Approved for Publication August 2000 as <i>IS-786</i> 	√	√
<ul style="list-style-type: none"> • PN-4411 (MDN Based MC) <ul style="list-style-type: none"> - Approved for Publication August 2000 as <i>IS-841</i> 	√	√
<ul style="list-style-type: none"> • PN-4582 (UIM) <ul style="list-style-type: none"> - Approved for Publication November 2000 as <i>IS-808</i> 	√	√
<ul style="list-style-type: none"> • PN-4610 (Optimal Routing to Wireless Phones) (To Be Determined) 	√	√
<ul style="list-style-type: none"> • PN-4720 (CDMA Packet Data Phase I) <ul style="list-style-type: none"> - Approve for Ballot February 2001 	√	√
<ul style="list-style-type: none"> • PN-4755 (CDMA Packet Data Phase II) <ul style="list-style-type: none"> - (To Be Determined) 	√	√
<ul style="list-style-type: none"> • PN-4746 (LS Authentication/Privacy/Security) <ul style="list-style-type: none"> - Cancelled, work to be included in PN-474 	√	√
<ul style="list-style-type: none"> • PN-4747 (LS Enhancements) <ul style="list-style-type: none"> - Approve for Ballot July 2001 	√	√

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TR-45.2 2000 Workplan (continued)

- **PN-4762 (Internet Protocol Based Data Transfer Services)** ✓
 - Approve for Ballot May 2001
 - Approve for Publication August 2001
- **PN-4818 (Location Based Services – WIN Phase III)** ✓
 - Approve for Ballot TBD
- **PN-4785 (Roamer Database Verification)** ✓
 - Approved for Ballot September 2000
 - Approve for Publication December 2000 as *IS-847*
- **PN-4863 (Network Based Enhancements for International Dialing, Calling Number Identification and Callback)** ✓
 - Approve for Ballot December 2000
 - Approve for Publication March 2001
- **PN-4410-RV-1 (WIN ACG Enhancements)** ✓
 - Approved for Ballot July 2000
- **PN-4760-RV-1 (WIN Pre-Paid Charging Enhancements)** ✓
 - (To Be Determined)
- **PN-4206 (ANSI-93-B)** ✓
 - Approve for Ballot December 2000
 - Approve for Publication January 2001
- **PN-4464 (ANSI Version of J-STD-025-A)** ✓
 - Approved for Ballot April 2000
 - Recommendation for Publication suspended
- **PN-4853 (ANSI-124-D)** ✓
 - Approve for Ballot July 2001
 - Approve for Publication January 2002
- **PN-4609-RV (TSB-29-D)** ✓
 - Approved for Ballot August 2000
 - Approved for Publication November 2000
- **PN-XXXX (Revision to TIA/TIA/IS/J-STD-025-A)** ✓
 - (To Be Determined)
- **PN-XXXX (ANSI Revision of TIA/EIA/IS/J-STD-025-A)** ✓
 - (To Be Determined)
- **PN-XXXX (IIF Enhancement to support SIM Roaming from CDMA to GSM)** ✓
 - (To Be Determined)
- **PN-XXXX (CDMA Subscribers Roaming Between GSM and TIA/EIA-41 Networks)** ✓
 - (To Be Determined)
- **PN-XXXX (Enhancements to support SIM Roaming from TIA/EIA-41-D CDMA to GSM)** ✓
 - (To Be Determined)

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TR-45.2 2001 Workplan Candidates

- Complete ANSI-41-E Integration, Ballot, and Publication ✓
- ANSI-41-F Integration, Ballot, and Publication ✓
- Complete Location Based Services (PN-4747, PN-4818) ✓
- Complete Enhanced Subscriber Authentication (PN-4393) ✓
- Complete Internet Protocol Based Data Transfer Service (PN-4762) ✓
- Complete CDMA Packet Data (PN-4720) ✓
- Complete Emergency Services (Addendum 2, PN-4288) ✓
- Complete ANS-124-D (PN-4853) ✓
- Complete WIN ACG Enhancements (PN-4410-RV-1) ✓
- Complete WIN Pre-Paid Charging Enhancements (PN-4760-RV-1) ✓
- New Terminal Identifiers or alternatives to ESN Expansion ✓
- International Roaming for ANSI-41 ✓
- ANSI-41/GSM MAP Interoperability (2G) ✓
- WIN Implementation for PAS (based on FCC 2nd Report and Order) ✓
- Support for TDMA – EDGE/GPRS/GERAN ✓
- Electronic Surveillance (Rev. B, packet data) ✓
- All IP ✓

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TR-45.3 2000 Workplan

	3GPP2	TIA
<ul style="list-style-type: none"> • SP-4027-C (TDMA Cellular/PCS – Radio Interface) - Approved for Ballot July 2000 - Approved for re-ballot October 2000 - Approve for Publication January 2001 		√
000-C-1 TDMA Third Generation Wireless List of Parts		
005-B-1 TDMA Third Generation Wireless Introduction, Identification, and Semi-Permanent Memory		
010-C-1 TDMA Third Generation Wireless Optional Mobile Station Facilities		
020-C TDMA Third Generation Wireless SOC, BSMC, and Other Code Assignments		
030-1 TDMA Third Generation Wireless R-UIM Overview and Operations		
033-1 TDMA Third Generation Wireless R-UIM File Structure		
034 TDMA Third Generation Wireless R-UIM - ME Interface Procedures		?
036 TDMA Third Generation Wireless Personalization of Mobile Equipment		?
037-1 TDMA Third Generation Wireless R-UIM Application Toolkit		
100-C TDMA Third Generation Wireless Introduction to Channels		?
110-B-1 TDMA Third Generation Wireless RF Channel Assignments		
121-B TDMA Third Generation Wireless Digital Control Channel Layer 1		?
123-C-1 TDMA Third Generation Wireless Digital Control Channel Layer 3		
131-C TDMA Third Generation Wireless Digital Traffic Channel Layer 1		?
133-C-1 TDMA Third Generation Wireless Digital Traffic Channel Layer 3		
140-C TDMA Third Generation Wireless Analog Control Channel		?
150-C TDMA Third Generation Wireless Analog Voice Channel		?
210-A-1 TDMA Third Generation Wireless ACELP Minimum Performance		
240-1 TDMA Third Generation Wireless Minimum Performance for Adaptive Multi-rate Codec		
250 TDMA Third Generation Wireless VAD Minimum Performance		?
270-C TDMA Third Generation Wireless Mobile Stations Minimum Performance		?

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	3GPP2	TIA
280-C TDMA Third Generation Wireless Base Stations Minimum Performance		?
290-A-1 TDMA Third Generation Wireless RF Minimum Performance for 136HS Outdoor and 136HS Indoor Bearers		
350-B-1 TDMA Third Generation Wireless Data Service Control		
351-1 TDMA Third Generation Wireless EGPRS-136 AT Command Set		
370-1 TDMA Third Generation Wireless Enhanced General Packet Data Service (EGPRS-136) Overview		
376-1 TDMA Third Generation Wireless Enhanced General Packet Data Service (EGPRS-136) Mobility Management (MM)		
377-1 TDMA Third Generation Wireless EGPRS-136 Gs interface Specification		
410-A TDMA Third Generation Wireless ACELP		?
440 TDMA Third Generation Wireless Adaptive Multi-Rate Codec		?
511-B TDMA Third Generation Wireless Messages Subject to Encryption		?
620-A TDMA Third Generation Wireless Teleservice Segmentation and Reassembly (TSAR)		?
630-A TDMA Third Generation Wireless Broadcast Teleservice Transport - Broadcast Air-Interface Service (BATS)		?
670-1 TDMA Third Generation Wireless Teleservice over GSM SMS (TOGS)		
700-C TDMA Third Generation Wireless Introduction to Teleservices		?
711 TDMA Third Generation Wireless GSM Hosted SMS Teleservice (GHOST)		?
720-C TDMA Third Generation Wireless Over-the-Air Activation Teleservice (OATS)		?
730-A TDMA Third Generation Wireless Over-the-Air Programming Teleservice (OPTS)		?
740-1 TDMA Third Generation Wireless System Assisted Mobile Positioning through Satellite (SAMPS)		
972 TDMA Third Generation Wireless Enhanced General Packet Data Service (EGPRS-136) Stage 2 Description		?

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TR-45.3 2000 Workplan (continued)

	3GPP2	TIA
<ul style="list-style-type: none"> • SP-4027-C (TDMA Cellular/PCS – Radio Interface) √ <ul style="list-style-type: none"> - Approved for Ballot July 2000 - Approved for re-ballot October 2000 - Approve for Publication January 2001 034-A TDMA Third Generation Wireless R-UIM – ME Interface Procedures 036-A TDMA Third Generation Wireless Personalization of Mobile Equipment 0440-A TDMA Third Generation Wireless Adaptive Multi-Rate Codec 		
<ul style="list-style-type: none"> • SP-4027-C (TDMA Cellular/PCS – Radio Interface) √ <ul style="list-style-type: none"> - Approved for Ballot July 2000 - Approved for Publication October 2000 005-1 TDMA Third Generation Wireless Addendum to TIA/EIA-136-005 005-A-1 TDMA Third Generation Wireless Addendum to TIA/EIA-136-005-A 		
<ul style="list-style-type: none"> • PN-4778 (IS-839 - R-UIM Overview, Operation, and File Structure support in TIA/EIA-136-A) √ <ul style="list-style-type: none"> - Approved for Ballot July 2000 - Approved for Publication October 2000 		
<ul style="list-style-type: none"> • PN-XXXX (IS-XXX – Minimum Performance Noise Suppression for AMR) √ <ul style="list-style-type: none"> - Approved for Ballot July 2000 - Approved for Publication October 2000 		
<ul style="list-style-type: none"> • PN-4759 (IS-842 - GSM Hosted SMS Teleservice (GHOST) support in TIA/EIA-136-A) √ <ul style="list-style-type: none"> - Approved for Ballot July 2000 - Approved for Publication October 2000 new dates?? 		
<ul style="list-style-type: none"> • PN-4704 (TSB-118 – Clarifications of Multilingual PSID/RSID Name in TIA/EIA-136) √ <ul style="list-style-type: none"> - Approved for Ballot July 2000 - Approve for Publication October 2000 new dates?? 		

TR-45.3 2001 Workplan Candidates

3GPP2 TIA

- **SP-4027-D (TDMA Cellular/PCS – Radio Interface)** √
 - Approve for Ballot October 2001
 - Approve for Publication ???
 - Addition of procedures and signaling for support of AKA/ESA
 - Enhanced GHOST (IS-842 above)
 - Addition of signaling on the FSK Control Channel to support System Assisted Mobile Positioning through Satellite, SAMPS
 - Multilingual Enhancements
 - R-UIM Application Toolkit Enhancements
 - Hand-off Improvements
 - Addition of signaling to support Answer Hold and User Selective Call Forwarding
 - Data-only mode for EGPRS-136 Class B devices
 - 200-kHz channel only operation support for EGPRS-136 Class C devices
 - Enhance clarity of EGPRS-136 Class C device handling
 - Maximize alignment of EGPRS-136 standards with Release 2000 of the ETSI documents
 - Investigate Tandem Free Operation

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TR-45.4 2001 Workplan

	3GPP2	TIA
<ul style="list-style-type: none"> • PN-4545 (IOS V4.0) <ul style="list-style-type: none"> - Approve for Publication ??? 	√	ballot
<ul style="list-style-type: none"> • PN-4545-RV (IOS V4.1) <ul style="list-style-type: none"> - Approve for Ballot December 2000 - Approve for Publication ??? 	√	ballot
<ul style="list-style-type: none"> • PN-4545-RV+1 (IOS V4.2) <ul style="list-style-type: none"> - Approve for Ballot ??? - Approve for Publication ??? 	√	ballot
<ul style="list-style-type: none"> • ANSI/TIA/EIA 828 (BTS-BSC Interoperability (i.e., Abis Interface)) <ul style="list-style-type: none"> - Approve for Publication July 2000 new dates?? 		ballot
<ul style="list-style-type: none"> • ANSI/TIA/EIA 829 (Inter-operability Specification for Tandem Free Operation (TFO)) <ul style="list-style-type: none"> - Approve for Publication June 2000 new dates?? 		√
<ul style="list-style-type: none"> • PN-4546 (cdma2000 Access Network Interfaces (ANSI/TIA/EIA-2001-A)) <ul style="list-style-type: none"> - Baseline text January 2001 - Approve for Ballot October 2000 		ballot
<ul style="list-style-type: none"> • PN-4683 (Tandem Free Operation) <ul style="list-style-type: none"> - Approve for ballot June 2000 - Approve for Publication ??? 		√

TR-45.4 2001 Workplan Candidates

	3GPP2	TIA
<ul style="list-style-type: none"> • All IP Radio Access Network study <ul style="list-style-type: none"> - Complete June 2001 		√
<ul style="list-style-type: none"> • IOS V4.2 <ul style="list-style-type: none"> - Approve for Ballot March 2001 - Approve for Publication ??? <ul style="list-style-type: none"> 1X EV-DO Support IS-2000 Assured Mode Packet Data support Flexible Rate Data Service support 	√	ballot
<ul style="list-style-type: none"> • Abis (ANSI-TIA/EIA-828) <ul style="list-style-type: none"> - Approve for Ballot ??? - Approve for Publication ??? 	√	ballot
<ul style="list-style-type: none"> • TFO Improvements <ul style="list-style-type: none"> - Approve for Publication ??? <ul style="list-style-type: none"> DTMF Improvements Asymmetric TFO Operation GSM Convergence TBD 	√	ballot
<ul style="list-style-type: none"> • All IP Networks <ul style="list-style-type: none"> - Approve for Publication ??? 	√	ballot

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TR-45.5 2000 Workplan

	3GPP2	TIA
<ul style="list-style-type: none"> • TIA/EIA-IS-707-A-2 (Data Services Addendum for cdma2000 RLP and ISDN Interworking) <ul style="list-style-type: none"> - Approved for Publication August 2000 		ballot
<ul style="list-style-type: none"> • TIA/EIA/IS-2000.2-A-1 (cdma2000 Release A Addendum – Physical Layer) <ul style="list-style-type: none"> - Approved for Publication October 2000 		ballot
<ul style="list-style-type: none"> • TIA/EIA/IS-2000.3-A-1 (cdma2000 Release A Addendum – MAC) <ul style="list-style-type: none"> - Approved for Publication October 2000 		ballot
<ul style="list-style-type: none"> • TIA/EIA/IS-2000.4-A-1 (cdma2000 Release A Addendum – LAC) <ul style="list-style-type: none"> - Approved for Publication October 2000 		ballot
<ul style="list-style-type: none"> • TIA/EIA/IS-2000.2-A-1 (cdma2000 Release A Addendum –Layer 3 Signaling) <ul style="list-style-type: none"> - Approved for Publication October 2000 		ballot
<ul style="list-style-type: none"> • TIA/EIA-97-D (Base Station (BS) Minimum Performance) <ul style="list-style-type: none"> - Approve for Ballot October 2000 - Approve for Publication ??? 		√
<ul style="list-style-type: none"> • TIA/EIA-98-D (Mobile Station (MS) Minimum Performance) <ul style="list-style-type: none"> - Approve for Ballot November 2000 - Approve for Publication ??? 		√
<ul style="list-style-type: none"> • IS-683-B (OTASP of MS in Spread Spectrum System) <ul style="list-style-type: none"> - Approve for Ballot November 2000 - Approve for Publication ??? 		√
<ul style="list-style-type: none"> • PN-4575 (SMV) <ul style="list-style-type: none"> - Approve for Publication December 2000 new dates??? 		√
<ul style="list-style-type: none"> • IS-856 (1X EV-DO) <ul style="list-style-type: none"> - Approved for Publication October 2000 		√
<ul style="list-style-type: none"> • IS-857 (Markov Service Option (MSO)) <ul style="list-style-type: none"> - Approved for Ballot November 2000 - Approved for Publication ??? 		√
<ul style="list-style-type: none"> • IS-858 (Test Data Service Option) <ul style="list-style-type: none"> - Approved for Ballot November 2000 - Approved for Publication ??? 		√
<ul style="list-style-type: none"> • IS-801-1 (Position Determination Services Addendum) <ul style="list-style-type: none"> - Approved for Ballot October 2000 - Approved for Publication ??? 		√
<ul style="list-style-type: none"> • IS-820-1 (Removable User Identity Module (R-UIM) for Wideband Spread Spectrum) <ul style="list-style-type: none"> - Approved for Ballot October 2000 - Approved for Publication ??? 		√
<ul style="list-style-type: none"> • TIA/EIA-126-D (Loopback Service Option) <ul style="list-style-type: none"> - Approve for Ballot November 2000 - Approve for Publication ??? 		√
<ul style="list-style-type: none"> • TIA/EIA-637-B (Short Message Services for Wideband Spread Spectrum Systems) <ul style="list-style-type: none"> - (To Be Determined) ??? 		√

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TR-45.5 2001 Workplan Candidates

	3GPP2	TIA
<ul style="list-style-type: none"> • MS & BS Minimum Performance Specifications for Position Determination Services <li style="padding-left: 20px;">- Approve for Publication July 2001 	√	
<ul style="list-style-type: none"> • MS & BS Minimum Performance Specifications for 1X EV-DO <li style="padding-left: 20px;">- Approve for Publication July 2001 	√	
<ul style="list-style-type: none"> • All IP support 	√	ballot

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	3GPP2	TIA
<ul style="list-style-type: none"> • PN-4732 (IS-835: cdma2000 Wireless IP Network Standards) <li style="padding-left: 20px;">- Approved for Publication June 2000 <li style="padding-left: 20px;">- Pending IETF RFC assignment 		ballot
<ul style="list-style-type: none"> • IS-835 Addendum (cdma2000 Wireless IP Network Standard version 2) <li style="padding-left: 20px;">- Approve for Ballot January 2001 <li style="padding-left: 20px;">- Approve for Publication TBD 		ballot
<ul style="list-style-type: none"> • SP-4033-UG (ANSI version of IS-732 CDPD) <li style="padding-left: 20px;">- Approve for Ballot January 2001 <li style="padding-left: 20px;">- Approve for Publication TBD 		√

TR-45.7 2000 Workplan

	3GPP2	TIA
<ul style="list-style-type: none"> • IS-813/PN-4108 (Stage 2 OAM&P) <li style="padding-left: 20px;">- Approve for Re-Ballot June 2000 <li style="padding-left: 20px;">- Approve for Publication TBD 		√
<ul style="list-style-type: none"> • 3G_{base} Wireless Management Joint ANSI Standard <li style="padding-left: 20px;">- Approve for Ballot TBD <li style="padding-left: 20px;">- Approve for Publication TBD 		√
<ul style="list-style-type: none"> • Unified 3G_{base} Wireless Management, Stage 2 Interim Standard <li style="padding-left: 20px;">- Approve for Ballot TBD <li style="padding-left: 20px;">- Approve for Publication TBD 		√
<ul style="list-style-type: none"> • Unified 3G_{base} Wireless Management Joint ANSI Standard <li style="padding-left: 20px;">- Approve for Ballot TBD <li style="padding-left: 20px;">- Approve for Publication TBD 		√
<ul style="list-style-type: none"> • Automatic Roaming Stage 1&2 Interim Standard (Capability Requirement 1.13 of TR-45 ISD Workplan) <li style="padding-left: 20px;">- Approve for Ballot TBD <li style="padding-left: 20px;">- Approve for Publication TBD 		√
<ul style="list-style-type: none"> • Requirements for Management of WAP Signaling Capabilities <li style="padding-left: 20px;">- Approve for Ballot TBD <li style="padding-left: 20px;">- Approve for Publication TBD 		√
<ul style="list-style-type: none"> • Preparation for A_iD_i OAM&P Update <li style="padding-left: 20px;">- Approve for Ballot TBD <li style="padding-left: 20px;">- Approve for Publication TBD 		√

TR-45 Network Reference Model Ad-Hoc (NAG) 2000 Workplan

3GPP2 TIA

- TSB-100-A (Network Reference Model)
 - Approve for Ballot September 2000
 - Approve for Publication October 2000

√

TR-45 UIM/ESN Ad-Hoc 2000 Workplan

(To Be Determined)

TR-45 Ad-Hoc Authentication Group (AHAG) 2000 Workplan

(To Be Determined)