

**Introduction: The following table is a working document maintained by the TIA TR-45 ESN/UIM/MEID Ad Hoc Group**

**ESN Migration to MEID - Milestones & Timeline –**

Line item	Target Date	Milestone / Action	Notes	Status	Fora
1	n/a	3GPP2 S.R0048-A 3G Mobile Equipment Identifier (MEID)	MEID Stage 1. S.R0048-A. v4.0 publ 11/05' aligns with X.S0008.	Publ. 03/01'	3GPP2
2	1/2004	SC.R4002-0 (formerly S.R 0089-0) MEID GHA Assignment Guidelines and Procedures publication.	3GPP2 SC.R4001-0 GDA/GHA (formerly S.R 0088-0) publ.03/04'. SC.R4002-0 MEID GHA revised v5.0 publ 1/08'. TIA version 5.0 published 3/08'. EUM AHG chair is editor.	Publ. Initial ver 01/04'	3GPP2/ TIA
3	12/2003	TR-45 AHAG (Authentication) MEID status	No intentions to use MEID for authentication.	Closed 12/03'	TIA
4	6/15/2006	TR-45 LAES AdHoc SP-3-4465-RV2-AD1, ANSI/J-STD-025-B-1 (addendum to include MEID)	ANSI/J-STD-025-B, published July 2006. The MEID addendum to ANSI/J-STD-025-B was approved by ANSI for publication 9/8/06.	Publ. 09/06'	TIA
5	6/30/2004	TR-45.2 Develop & Publish PN-3-0083 TIA-928 / X.S0008 v1.0 MEID (Intersystem Operations) standard	Contains ANS 41 operations support of MEID parameter. Published.	Publ. 8/1/04'	TIA/ 3GPP2
6	4/27/2005	TR-45.2 Develop & Publish PN-3-0083-AD2 [E] TIA-928-2 [E] / X.S0008-0 v2.0 TIA-41[ MAP] Support for the Mobile Equipment Identity (MEID)	TIA-928-1 Annex re-ballot was published June 2005. X.S0008-0v2.0 aligned with TIA 928-2 [E]. 7/2/08- X.S0008 v3. Annex footnote clarification accepted to V&V	Publ. 01/06' Rev in progress.	TIA/ 3GPP2
7	4/27/2006	TR-45.2 Develop & publish PN-3-0207 TIA-1074 / X.S0033-0 v1.0 OTA support for MEID (addendum to IS-725 A and N.S0011	TIA-1074 published March 2006. The Addendum TIA-1074-1[E] / X.P0033-0 v2.0 to correct an error code conflict found, publ. 3/6/06'.	Publ. 03/06'	3GPP2/ TIA
8	n/a	TR-45.2 TIA-41-F / X.P0004-F Integration (PN-3590 Rev. 6) (Includes integration of MEID TIA-928 / X.S0008)	ANS-41 [MAP] requirements are found in TIA-928.	Closed 3/23/05 Publ.01/06'	TIA/3GPP 2
9	5/26/2006	TR-45.2 PN-3-4747-AD1[E] TIA-881-1[E] / X.S0002-0 v2.0,	Ballot closed 4/18/06 & approved for publ.	Closed	TIA/3GPP

		MAP Location Services Enhancements	5/25/06. 3GPP2 published 06/06' & TIA Publ. is in progress for the MEID support addendum.	5/25/06	2
10	6/15/2006 and 11/15/2006	TR-45.2 Develop & Publish PN-3-3890-RV2 ( <i>J-STD-036-B</i> ) (E911 Phase 2) modifications to incorporate field experience	TIA J-STD 036-B published June 05', also Erratum w/MEID publ. June 06'. The ANS version also incorporates MEID & 12/7/06'	Closed 06/06' Publ. 05/07'	TIA
11	2/1/2005	TR-45.2 Develop & Publ PN-4853 RV5 <i>TIA-124-E</i> / X.S0014 Wireless Radio Telecommunications Intersystem Non-Signaling Data Communication DMH (Data Message Handler)	TIA-124-E published 2005. ANS/TIA 124-E published December 2006.	Publ. 05/05'	TIA/ 3GPP2
12	11/2003	TR-45.3 Develop & Publish TIA-943 MEID (TDMA) Std	Published	Publ. 11/03'	TIA
13	1/2004	TR-45.3 Incorporate MEID in TIA/EIA-136E	Fully incorporated based on latest Publ. date of various parts of that standard.	Publ. 1/20/04	TIA
14	3Q04	TR-45.4 Develop & Publish MEID (IOS 5.0)/A.S0001 Standards		Publ. 02/05'	TIA/ 3GPP2
15	12/2005	TR-45.4 Update IOS v5.0.1 for "MEID for CDMA2000®" (A.S0011 to 17-C v2.0 /TIA 2001-D-1)	Implementing MEID & PLCM features in a pre-Rev D MS & base station. 3GPP2 spec published 01/06' & TIA publication work is in progress	Closed 1/06'	TIA/ 3GPP2
16	1Q04	TR-45.5 Develop & Publish TIA-2000-D / C.S0005-D MEID (Air Interface) Standard	Published	Publ. 03/04'	TIA/ 3GPP2
17	1/05/2005	TR-45.5 Develop & Publish TIA-683-D / C.P1014-0 OTA Technical report for MEID in the Over the Air Service Provisioning [OTASP] Systems.	Published	Publ. 01/05'	TIA/ 3GPP2
18	09/2005	TR-45.5 Develop & Publish TIA-2000-D-1 / C.S0005-D v2.0 MEID (Air Interface) Standard	Published	Publ. 09/05'	TIA/ 3GPP2
19	07/2008	TR-45.5 TIA-158-1[E]/ C.S0066-0 v1.8 Over-the-Air Service Provisioning for MEID-Equipped Mobile Stations in Spread Spectrum Systems	Addenda work in progress to include MEID & EUIMID. The v1.8 V&V review/ comments due on 06/19/08'.	Open	TIA/ 3GPP2
20	07/2008	TR-45.5 TIA-683-D-1/ C.S0016-C v1.9 Over-the-Air Service Provisioning of Mobile Stations in Spread Spectrum Standards-Release C	Addenda work in progress to include MEID & EUIMID. v1.9 V&V comments reviewed 6/19/08 and rebalot now due on 8/28/08'	Open	TIA/ 3GPP2

21	7/31/2005	TR-45.5 Develop & Publish new specification for “MEID for CDMA2000®” (TIA-1082 / C.S0072)	Implementing MEID & PLCM features in a pre-Rev D MS & base station. progress	Publ. 09/05’	TIA/ 3GPP2
22	9/30/2005	TR-45.5 Dev. & Publish “Signaling Test Specification for MEID Support of CDMA 2000® Spread Spectrum Systems”(PN-3-0220 TIA-1084 / C.S0073)	Implementing MEID & PLCM features in a pre-Rev D MS & base station work in progress 03/08’ TIA-1084 Rev A in ballot	Publ. 10/05’ Rev A in prog.	TIA/ 3GPP2
23	3/31/2004	TR-45.6 Develop & Publish MEID (Packet) Standard (TIA-835-B-1 / X.S0020)	MEID included in TIA-835-B-1. Published.	Publ. 01/05’	TIA/ 3GPP2
24	6/30/2006	TR-45.6 Develop & Publish MEID (Packet) Standard (TIA-835-C-1 / X.S0011-C v2.0 (P.S0001)	MEID is included in TIA-835-C-1. Any versions of X.S0011/TIA-835 that includes & follows P.S0001-B v2.0 supports MEID, it does not include revision 0 and revision A. 3GPP2 published 07/05’ & TIA Publ. still pending IPR decisions.	Closed 07/05’	TIA/ 3GPP2
25	n/a	ESN Administrator to query ESN manufacturers for their projected ESN requirements (in a proprietary context)	Work in progress by ESN Administrator- Ongoing	Ongoing	TIA
26	11/2003	Manufacturer ESN reclamation letters sent	Sent	Sent 11/03’	TIA
27	12/2003	Initial MEID industry MEID outreach letters sent	1 <sup>st</sup> mailing 12/18/03 w/f/u 1/7/04, CTIA distributed update sent 3/9/04	Sent 1/7/04’	TIA
28	1Q04/2Q04	Initial industry seminar w/MEID presentation	Overview & technical presentation suite .ppt & .pdf developed / Clearinghouse, mediation vendor sessions presented w/ additional scheduled.	Closed 5/17/04	Co-op
29	6/1/2005	Collisions whitepaper re: pESN	Posted on TIA website	Publ. 5/26/05	TIA
30	2Q04	Follow up industry seminar w/MEID presentation	Consult w/fora and 6/29 w/CDG SC. Ongoing on an as needed basis, also see; <a href="http://www.cdg.org/cdg/teams/MEID.asp">http://www.cdg.org/cdg/teams/MEID.asp</a>	Closed 6/29/04 Ongoing	Co-op/CDG
31	n/a	Coordinate GDA & GHA Administrator process	GHA met w/GDA- Ongoing	Ongoing	GHA/Co-op
32	n/a	Investigate back office issues for migration to MEID	Work ongoing, CH is believed ready.	Ongoing	Co-op/CDG
33	11/2004	GHA assignment of MEID Test S/N ranges	Letter to MS manufacturers re: test MEID process sent 10/12/04 by ESN and UIMID	Closed 11/04	TIA GHA

			Administrators. First MEID test range assigned 11/3/04'.		
34	TBD	Develop MEID intersystem operations test plan	Leverage results of CDG IOT test plans	Ongoing	Co-op/CDG
35	9/1/2005	Begin MEID allocation to Manufacturers by GHA	No deployed use of MEID MS expected prior to Line item 39 "First MEID Industry Implementation". First MEID range allocated 1/9/06'.	Ongoing - assignments started	Co-op/CDG
36	TBD	Test MEID intersystem operations	Leverage results of CDG IOT test plans	Ongoing	Co-op/CDG
37	3Q04/4Q04	Follow up industry seminar w/MEID presentation	Clearinghouse, mediation vendor conf-calls ongoing w/industry presentation 2/05' and ongoing	Closed 11/04	Co-op
38	n/a	Manufacturer ESN reclamation	ESN administrator tracking responses – Work ongoing	Ongoing	TIA
39	3Q06	First MEID Industry Implementation	Verify readiness prior to implementation. Note: 09/06', provisioned mobiles are now deployed with an MEID.	Ongoing	Co-op
40	<b>By end of 1Q08*</b>	<b>Anticipated ESN exhaust of presently available Manufacturer Codes (i.e., those code blocks that have never been assigned to a manufacturer)!</b>	Previously worst case scenario used for planning. * This date is now found in the ESN Administrator report anticipated exhaust timeframe section for implementation guidance (taking into account various factors such as ESN reported run rate, ESN recovery and informal confidential information).	Open	TIA
41	n/a	E-UIM_ID (see UIM_ID Migration to E-UIM_ID - Milestones & Timeline).	Expedited UIM_ID migration to E-UIM_ID is encouraged to relieve UIM_ID derivation demand from ESN resources	Ongoing	Co-op
42	TBD	Cease ESN assignment by ESN administration	Also dependent on actual ESN exhaust.	Open	TIA