

**0Introduction: 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. 03/2001	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 01/2004	3GPP2/ TIA
3	12/2003	TR-45 AHAG (Authentication) MEID status	No intentions to use MEID for authentication.	Closed 12/2003	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 publ. 9/8/06.	Publ. 09/2006	TIA
5	6/30/2004	TR-45.8 (prev 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. 8/1/2004	TIA/ 3GPP2
6	12/1/2008	TR-45.8 (prev 45.2)Develop & Publish TIA-928-2 [E] / X.S0008-0 v2.0 TIA-41[ MAP] Support for the Mobile Equipment Identity (MEID). PN-3-0083-AD3 [E] TIA-928-3 [E] / X.S0008-0 v3.0 TIA-41[ MAP] Support for the MEID	TIA-928-1 Annex re-ballot was published June 2005. X.S0008-0v2.0 aligned with TIA 928-2 [E]. Revision X.S0008 v3 Annex footnote clarification,3GPP2 publ. Jan. 09'.. <i>Also submitted for TIA publ.</i>	Ver 2 Publ. 01/2006. Ver 3 Publ. 01/2009	TIA/ 3GPP2
7	4/27/2006	TR-45.8 (prev 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. 03/2006	3GPP2/ TIA
8	n/a	TR-45.8 (prev 45.2) <i>TIA-41-F</i> / 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 Pub.01/2006	TIA/3GPP2

9	5/26/2006	TR-45.8 (prev 45.2) PN-3-4747-AD1[E] TIA-881-1[E] / X.S0002-0 v2.0, MAP Location Services Enhancements	3GPP2 published 06/06' & TIA Publ. is in progress for the MEID support addendum. TIA publ.Jan. 08'	Closed 5/25/06 Pub.01/2008	TIA/3GPP2
10	6/15/2006 and 11/15/2006	TR-45.8 (prev 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 06/2006 Publ. 05/2007	TIA
11	2/1/2005	TR-45.8 (prev 45.2) Develop & Publ PN-4853 RV5 TIA-124-E / 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 05/2005	TIA/ 3GPP2
12	11/2003	TR-45.3 Develop & Publish TIA-943 MEID (TDMA) Std	Published	Publ. 11/2003	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	3Q2004	TR-45.4 Develop & Publish MEID (IOS 5.0)/A.S0001 Standards		Publ 02/2005	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 publ work in progress	Closed 01/2006	TIA/ 3GPP2
16	1Q2004	TR-45.5 Develop & Publish TIA-2000-D / C.S0005-D MEID (Air Interface) Standard	Published	Publ. 03/2004	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. 01/2005	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. 09/2005	TIA/ 3GPP2
19	07/2008	TR-45.5 TIA-158-1[E]/ C.S0066-0 v2.0 Over-the-Air Service Provisioning for MEID-Equipped Mobile Stations in Spread Spectrum Systems	Addenda work to include MEID & EUIMID. v2.0 published.	Publ. 07/2008	TIA/ 3GPP2
20	10/2008	TR-45.5 TIA-683-D-1 [E]/ C.S0016-C v2.0 Over-the-Air Service Provisioning of Mobile Stations in Spread Spectrum Standards-Release C	Addenda work includes MEID & EUIMID. V2.0 3GPP2 spec published 10/31/08. TIA publ work in progress.	Closed 10/31/08	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. 09/2005	TIA/ 3GPP2
22	9/30/2005	TR-45.5 Dev. & Publish “Signaling Test Specification for MEID Support of CDMA 2000® Spread Spectrum Systems”( TIA-1084-A / C.S0073-A)	Implementing MEID & PLCM features in a pre-Rev D MS & base station 10/2005. Rev A publ.04/08’. C.S0073-A v2.0 – work in progress 07/09’	Publ. Rev A 04/2008	TIA/ 3GPP2
23	TBD	TR-45.5 / TSG-C 1X Enhancements	3GPP2 TSG/committee work in progress	TBD	TIA/ 3GPP2
24	3/31/2004	TR-45.8 (prev 45.6) Develop & Publish MEID (Packet) Standard (TIA-835-B-1 / X.S0020)	MEID included in TIA-835-B-1. Published.	Publ. 01/2005	TIA/ 3GPP2
25	6/30/2006	TR-45.8 (prev45.6) Develop & Publish MEID (Packet) Standard (TIA-835-C-1 / X.S0011-C v2.0 (P.S0001). w/ addendum TIA-835-C-2 [E]	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’, & Publ. TIA-835-C-2 [E] 05/08’.	Closed 07/2005 Publ. 05/2008	TIA/ 3GPP2
26	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
27	11/2003	Manufacturer ESN reclamation letters sent	Sent	Sent 11/2003	TIA
28	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 1/7/2004	TIA
29	1Q2004/ 2Q2004	Initial industry seminar w/MEID presentation	Overview & technical presentation suite .ppt & .pdf developed / Clearinghouse, mediation vendor sessions presented.	Closed 5/17/04	Co-op
30	6/1/2005	Collisions whitepaper re: pESN	Posted on TIA website	Publ. 5/26/05	TIA
31	2Q2004	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
32	n/a	Coordinate GDA & GHA Administrator process	Joint GHA/GDA Administrators conf. calls. Ongoing. 9/29/09 GDA/GHA JEM-London,UK	Ongoing	GHA/GDA Co-op
33	n/a	Investigate back office issues for migration to MEID	Work ongoing, CH is believed ready.	Ongoing	Co-op/CDG

34	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 Administrators. First MEID test range assigned 11/3/04'.	Closed 11/2004	TIA GHA
35	n/a	Develop MEID intersystem operations test plan	Leverage results of CDG IOT test plans document.	Closed 12/2008	Co-op/CDG
36	9/1/2005	MEID allocations by GHA	First MEID range allocated 1/9/06'. MEID assignments ongoing.	Ongoing	Co-op/CDG
37	n/a	Test MEID intersystem operations	Leverage results of CDG IOT test plans	Ongoing	Co-op/CDG
38	3Q2004/ 4Q2004	Follow up industry seminar w/MEID presentation	Industry presentation 2/05'. Clearinghouse, mediation vendor conf-calls ongoing.	Closed 11/2004	Co-op
39	n/a	Manufacturer ESN reclamation	ESN administrator tracking and investigating responses – Work ongoing	Ongoing	TIA
40	3Q2006	First MEID Industry Implementation	Verify readiness prior to implementation. Note: 09/06', provisioned mobiles are now deployed with an MEID. Continued implementations are ongoing.	Closed 09/2006	Co-op
41	<b>By end of 1Q 2008*</b>	<b>Anticipated ESN exhaust of presently available Manufacturer Codes (i.e., “virgin” those code blocks that have never been assigned to a manufacturer)!</b>  <b>Note: “virgin” ESN blocks exhausted November 2008. Assignments in December 2008 were starting to be made from the exceptional MFR Code ranges 167 and 221 (see ESN Guidelines, Ver. 2.0, Section 5.13), following set manufacturer completion of the disclaimer acceptance form prepared by TIA legal.</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). Note; <b>June 30,2010</b> is now the last date for receipt of an ESN MFR Code block request.	Open	TIA
42	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
43	TBD	Cease ESN assignment by ESN administration	Following the 6/30/10 date, see item #41 above. Also dependent on actual ESN exhaust.	Open	TIA

