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| **Liaison Statement** |
| **Title:** | Initial information on the expected transfer of Technical Specifications from ETSI TC M2M to oneM2M |
| Date: | 20/07/2012 |
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| **From** (source): | ETSI TC M2M |
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| **To:** | oneM2M |
| **Copy to:** | BroadBand Forum (BBF), Open Mobile Alliance (OMA) |
|  |  |
| Response to:(if applicable) |  |
|  |  |
| Attachments:(if applicable) |  |
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1. **Overall description:**

ETSI TC M2M would like to congratulate oneM2M on its successful creation.

Since ETSI will participate in oneM2M as a type 1 partner it has thereby expressed its willingness and commitment to avoid development of work that overlaps with the work of oneM2M and to transfer relevant work existing in ETSI M2M.

Within ETSI the Technical Committee on Machine-to-Machine communication (ETSI TC M2M) is in charge of developing M2M specifications. The first set of specifications is published as ETSI M2M Release 1 and currently work on Release 2 is ongoing.

Furthermore, ETSI TC M2M believes that it would be beneficial for oneM2M to re-use existing ETSI M2M work and to endorse ETSI M2M specifications as a basis for their future work.

Therefore ETSI TC M2M proposes to transfer most of their existing specifications to oneM2M.

With this LS ETSI TC M2M provides a proposal for transferring the documents at different points in time (completing the process by February 2013 latest) depending on the envisaged usage by oneM2M - for information, to be endorsed, for maintenance - and the editorial status of the document.

The table below should be read with the following understanding:

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| **I** | indicates that the document is transferred to oneM2M for information only.The document had been prepared to support creation of normative work (e.g. to collect use cases). ETSI will not maintain these documents and we do not expect oneM2M to maintain them. |
| **E** | indicates that the document is transferred to oneM2M for endorsement.‘Endorsement’ by oneM2M would imply that oneM2M considers the document as a baseline for further development. |
| **I&E** | indicates that the document is transferred to oneM2M for information and (later) endorsement.First TC M2M sends the document to oneM2M for information to expedite start of productive work in oneM2M as soon as possible. However some further work (finalization and clean-up) needs to be performed in ETSI TC M2M before an updated version will be sent for endorsement to oneM2M. |
| **E&M** | indicates that the document is transferred to oneM2M for endorsement and maintenance.This relates to documents that exist as part of the ETSI M2M Rel-1 or Rel-2 package. ETSI expects oneM2M to take care of maintenance of the document after endorsement. Note that ‘maintenance’ would imply that essential corrections would be performed by oneM2M, if needed. |
| *Starting Date* | Indicates that at the ETSI TC M2M meeting in that month ETSI TC M2M intends to send the latest version of the document to oneM2M. |
| *Target Date* | Indicates that at the ETSI TC M2M meeting in that month ETSI TC M2M expects the endorsement of the document to be completed. Possibly an updated version will be sent to oneM2M. |

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| *Document* | *Rel-1 transfer* | *Starting date* | *Target Date* | *Rel-2**transfer* | *Starting date* | *Target Date* | *Comments* |
| **(TS 102 689) – Requirements** | **E&M** | **09/12** | **12/12** | **E&M** | **12/12** | **02/13** |  |
| **(TS 102 690) - Functional Architecture** | **E&M** | **09/12** | **12/12** | **E&M** | **12/12** | **02/13** |  |
| **(TS 102 921) - mIa, dIa and mId interfaces** | **E&M** | **09/12** | **12/12** | **E&M** | **12/12** | **02/13** |  |
| **(TS 103 092) - OMA DM compatible Management Objects for ETSI M2M** | **E&M** | **09/12** | **12/12** | **E&M** | **12/12** | **02/13** | **Note 1** |
| **(TS 103 093) - BBF TR-069 compatible Management Objects for ETSI M2M** | **E&M** | **09/12** | **12/12** | **E&M** | **12/12** | **02/13** | **Note 1** |
| **(TS 101 603) - Service layer interworking with 3GPP networks** |  |  |  | **E&M** | **09/12** | **12/12** | **Note 2** |
| **(TS 103 107) - Service layer interworking with 3GPP2 networks** |  |  |  | **E&M** | **09/12** | **12/12** | **Note 2** |
|  **(TR 102 725) - M2M Definitions** | **E&M** | **09/12** | **12/12** | **E&M** | **12/12** | **02/13** |  |
| **(TR 102 732) - Use Cases of M2M applications for eHealth** | **I** |  |  |  |  |  | **Note 3** |
| **(TR 102 857) - Use Cases of M2M applications for Connected Consumer** | **I** |  |  |  |  |  | **Note 3** |
| **(TR 102 897) - Use Cases of M2M applications for City Automation** | **I** |  |  |  |  |  | **Note 3** |
| **(TR 102 898) - Use Cases of automotive applications** | **I** |  |  |  |  |  | **Note 3** |
| **(TR 102 691) - Smart meters** |  |  |  |  |  |  | **Note 4** |
| **(TR 102 935) - Impact of Smart Grids on M2M platform** | **I** |  |  |  |  |  |  |
| **(TR 103 167) - Threat analysis and counter measures to M2M service layer** | **I** |  |  |  |  |  |  |
| **(TR 101 531) - Reuse of Core Network Functionality by M2M Service Capabilities** |  |  |  |  |  |  | **Note 5** |
| **(TR 101 966) - Interworking between the M2M Architecture and M2M Area Network technologies** | **I&E** | **I 09/12** **E 12/12** | **02/13** |  |  |  |  |
| **(TR 101 584) - Study on Semantic support for M2M Data** | **I&E** |  |  |  | **I 09/12** **E 12/12** | **02/13** |  |
| **(TS 103 104) – Interoperability Test Specification for CoAP Binding of ETSI M2M Primitives 102 921** |  |  |  | **I****Possibly** **E&M** | **I 12/12** **02/13** | **02/13** | **Note 6** |

**Notes:**

*Note 1*: ETSI M2M specifications make use of BBF TR-069 and OMA DM for device management. The content of TS 103 092 and TS 103 093 specifies ETSI M2M specific management objects in both systems. However the handling of specifications coming from external bodies in BBF and OMA are different:

* OMA prefers such specifications to be kept for maintenance in the external body that created it. Therefore TS 103 092 will need to be endorsed and maintained in oneM2M.
* BBF prefers to include such specifications that have been created by external bodies in their own documentation structure. Currently the content of TS 103 093 is being transferred to BBF and BBF will assign an own specification number to it. Once this is done the content of TS 103 093 needs to be emptied and replaced by a reference to that BBF specification.
This may be done – by ETSI TC M2M – before TS 103 093 is transferred to oneM2M or afterwards – by oneM2M. However, in either case we recommend endorsement by oneM2M.

*Note 2:* TS 101 603 (Service layer interworking with 3GPP networks) and TS 103 107 (Service layer interworking with 3GPP2 networks) have been created as Release-2 documents and are still progressing. It should be noted that to date neither 3GPP nor 3GPP2 have been involved in the development of these documents

*Note 3*: These TRs are not finalized. Their content was supporting the requirements for the specification of ETSI M2M, and even not completed, are including a wide set of use cases and potential requirement potentially relevant for oneM2M

*Note 4*: There is no intention to transfer TR 102 691 on Smart meters, because its content is specific to the European Smart Metering mandate.

*Note 5*: There is no intention to transfer TR 101 531 on Reuse of Core Network Functionality by M2M Service Capabilities because its contents have already been transformed into normative specification text.

*Note 6*: ETSI TC M2M is currently developing a test specification for ETSI M2M Release 1 - TS 103 104 (Interoperability Test Specification for CoAP Binding of ETSI M2M Primitives). It is planned that this specification is sent to oneM2M for information.

Depending on the decision whether or not oneM2M will include testing activities in their scope the specification can be transferred to oneM2M for endorsement.

ETSI TC M2M would also like to indicate to oneM2M that an update of the documentation will be provided by the end of ETSI meeting #22 (17-21 September 2012)

**2. Actions to oneM2M:**

1. ETSI TC M2M kindly asks oneM2M to give feedback on the proposed plan to transfer ETSI M2M specifications to oneM2M.
2. ETSI TC M2M kindly asks oneM2M to agree on ETSI TC M2M’s proposal for endorsement (E) and maintenance (M) of the specifications and reports indicated above.
3. ETSI TC M2M would like to ask oneM2M to provide information whether or not to testing activities will be in their scope.

**3. Date of next meetings of the originator:**

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| 17-21 Sep 2012 | ETSI TC [M2M#22](http://webapp.etsi.org/MeetingCalendar/MeetingDetails.asp?mid=30384)   | Sophia Antipolis, FR |
| 03-07 Dec 2012 | ETSI TC M2M#23 | Shanghai, China |
| Feb 2013 | ETSI TC M2M#24 | TBC |