TSG-X Proposal for MMS in OMA

(Approved by SC on February 16, 2004 as SC-20031020-006cR3)

1. Introduction

In support of transferring 3GPP2's MMS related activity as a test case to OMA, TSG-X, hereby, outlines its recommendations for the scope of this work to be continued in OMA and the terms and conditions that must be met in pre and post-transfer. The recommendations outlined here are based on the following underlying assumptions:

- ✓ OMA was formed by the mobile industry for developing a set of comprehensive and universal standards and specifications for value added service (VAS) enablers and the industry's VAS environment, also known as the OMA Service Environment (OSE.)
- ✓ OMA Architecture and Specifications are access technology agnostic and as such they are applicable across a wide range of underlying network technologies such as wireless and other networks (e.g., GSM, CDMA, IMT-2000, 802.11.)
- ✓ The phased evolution of the cdma2000 system will culminate to an ALL-IP network technology to support new and enhanced IP Multimedia services, and its VAS subsystem will be fully aligned with the OMA Service Environment (OSE.)
- ✓ General terms and conditions governing 3GPP2-OMA's cooperation are the subject of a separate document under preparation by TSG-S OMA Ad-Hoc Group.
- ✓ The work split between OMA and 3GPP2 should be the same as that between OMA and 3GPP, e.g., split between the network agnostic parts and the 3GPP/3PP2 specific parts. Such a work split will avoid duplication of effort between OMA and either of the PPs.

2. Scope

The scope of this transfer will be as follows:

- ✓ It includes the messaging and control aspects of the MMS application layer (e.g., MM1, MM3, MM4, & MM7 interfaces.)
- ✓ Cdma2000 network access dependent aspects (radio and core network) shall remain in 3GPP2. This includes charging, media types, radio/core network authentication, transcoding, etc.
- ✓ The transfer covers only the access technology agnostic parts of the MMS system including all three stages: Stage 1/Requirements, Stage 2 Architecture, Stage 3 Protocol. However, 3GPP2 will retain input and review rights over OMA's requirements for the MMS.
- ✓ All future development of any MMS interfaces that are not being specified in 3GPP2, should be developed by OMA (e.g., MM5.)
- ✓ This transfer includes all of the following 3GPP2 documents (current numbers indicated):

- MMS Stage 2, Functional Specification   X.S0016-200
- MMS MM1 Stage 3 Using OMA/WAP   X.S0016-310
- MMS MM1 Stage 3 Using M-IMAP for Message Submission and Retrieval   X.S0016-311
- MMS MM1 Stage 3 using SIP   X.P0016-312
- MMS MM3 Stage 3 using ESMTP   X.P0016-330
- MMS MM4 Stage 3 Inter-Carrier Interworking   X.S0016-340
- MMS MM7 Stage 3 VASP Interworking   X.S0016-370

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3. A Test Case

✓ The move of MMS work to OMA is a test case, and as such it is not considered a permanent hand-off to OMA by 3GPP2.

✓ Making MMS a test case for transfer of work to OMA will allow both 3GPP2 and OMA to examine the transfer works, correct problems (if any) and gradually transfer other value added services to OMA.

✓ 3GPP2 SC should ensure that in case of termination of the cooperation, 3GPP2 retain the right to revise and publish any MMS specifications documents that have been produced by this test case cooperation.

4. Timing

✓ Ongoing 3GPP2 MMS activities shall be completed in 3GPP2 prior to the transfer. The current 3GPP2 work-plan calls for the completion of the current MMS activities (e.g., SIP-based MM1 and ESMTP-based MM3 protocols) for 1Q/2Q 2004.

✓ In the interest of avoiding duplication and fragmentation of the MMS standards in 3GPP2, 3GPP and OMA, it is recommended that 3GPP make a similar move. 3GPP's current work-plan calls for the completion of Release 6 in June 2004.

Therefore, the earliest date for the transfer is proposed to be in 2Q 2004.