## Work Item Description

**Title**

## Enhanced Messaging Service (EMS) Release 5

**1        3GPP Work Area**

|   |   |
|---|---|
|   | Radio Access |
|   | Core Network |
| X | Services |

**2        Linked work items**
- *MMS (T2)*

**3        Justification**

EMS supports a range of formats and data types enabling users to receive rich media content via the SMS transport mechanisms. Future enhancements will improve EMS. Therefore the following work Items are planned for Release 5 EMS.

**4        Objective**

EMS Release 5 targets the following areas :-
- Investigate and identify support for a line or vector based image format
- Investigate and identify support for new monophonic and polyphonic Sound formats
- Investigate and identify support for means of sequencing various elements
- Investigate and identify support for further Image formats
- Investigate and identify support for more complex elements (forms, menus, session ID etc)
- Investigate and identify support for other new data formats
- Investigate and identify support for alternative compression techniques
- Investigate and identify support for using EMS in CBS

The listed items shall ensure interoperability and shall be implemented in a way that will ensure backwards compatibility.

**5        Service Aspects**

EMS allows users to send and receive compact media rich messages over SMS and CBS.

**6        MMI Aspects**

- Content presentation and execution
- Message handling

**7        Charging Aspects**

The charging of EMS is through SMS mechanisms if EMS is transported over SMS.
The charging of EMS is through CBS mechanisms if EMS is transported over CBS.

**8        Security Aspects**

None known

## 9 Impacts

| Affects: | USIM | ME | AN | CN | Others |
|---|---|---|---|---|---|
| **Yes** | X | X | | | X |
| **No** | | | X | | |
| **Don't know** | | | | X | |

## 10 Expected Output and Time scale (to be updated at each plenary)

| New specifications | | | | | | |
|---|---|---|---|---|---|---|
| Spec No. | Title | | Prime rsp. WG | 2$^{nd}$ary rsp. WG(s) | Presented for information at plenary# | Approved at plenary# | Comments |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| **Affected existing specifications** | | | | | | |
| Spec No. | CR | Subject | | | Approved at plenary# | Comments |
| 23.040 | | | | | TSG-T #14 | |
| 23.038 | | | | | TSG-T #14 | |
| 23.041 | | | | | TSG-T #14 | |
| 22.101 | | | | | TSG-SA #14 | |
| | | | | | | |
| | | | | | | |

## 11 Work item raporteurs

Alan Baldwin - Ericsson

## 12 Work item leadership

TSG-T2,
Secondary responsibility TSG-SA1

## 13 Supporting Companies

Ericsson, Alcatel, Magic4, Motorola, Siemens, Swapcom, One2One, Vodafone,Materna,France Telecom, Telia

## 14 Classification of the WI (if known)

| | |
|---|---|
| | Feature (go to 14a) |
| X | Building Block (go to 14b) |
| | Work Task (go to 14c) |

14b    The WI is a Building Block: parent Feature Messaging Enhancements