

# *T2 STATUS REPORT*

## *(Status Report: 20)*



- Chairman: Kevin Holley (BT)

- Slides: Tdoc 21



## *Meetings Held*

- 1-4 February 2000 - SMG4 and T2  
(Puerto Vallarta, Mexico; AT&T, Nokia, Ericsson)
- 22-24 February 2000 - T2 SWG3 MMS adhoc  
(Lund, Ericsson)
- 21st February - T2 SWG6 UE Capability  
Requirements adhoc  
(Reading and Yokohama, NEC)

# *T2 Organisation*



- Chairman: Kevin Holley (BT)
- Vice-Chairs: Peter Neumann (Siemens), Toshihiro Shimizu (Matsushita)
- Secretary: Friedhelm Rodermund (MCC)
- MExE: Mark Cataldo (Motorola)
- Messaging: Ian Harris (Vodafone)
- Terminal Interfaces: Lars Novak (Ericsson)
- Multi-system Terminals: Sofi Persson (Telia)
- Terminal Capability Requirements: Kaz Hashimoto (NEC)



## *T2 Overview*

- R99 Complete
  - If all proposals accepted
- 2 Work items proposed for R2000:
  - Advanced Cell Broadcast
  - Alternatives to AT Commands
- Further Work items under consideration



# *SWG1 MEXE*

- R98 corrections approved last time needed updating
- Some R99 corrections
- Work on R2000 being considered



# *SWG2 Terminal Interfaces*

- CR's relating to AT commands for ASCII
- 27.007 and 27.010 updated for UMTS
- Corrections for R99



## *SWG3 Messaging*

- MMS Specification Agreed (one reservation)
- Enhanced SMS Agreed
- LCS CRs to Cell Broadcast for GPS agreed
  - Differential GPS info
  - GPS “lock” assistance
- Cell Broadcast R99 completed
- Advanced Cell Broadcast awaiting S1 input
- SMS Email parameters improved



## *Use of “Reserved” Codepoints*

- One operator has been using a codepoint marked in GSM 03.40 as “reserved”
- “Reserved” codepoints are for future versions of the specification and not for use in the field.





SC Address length: 07  
SC Address type: 91  
  Type of number: International  
  Numbering plan identifier: E.164  
SC Address: <<removed>>  
Message Type Indicator: 04  
Message Type: SMS-DELIVER / SMS-DELIVER REPORT  
More Messages To Send: No  
Status Report Indication: No  
Reply Path: No  
Originating Address Length: 04  
**Originating Address type: 85**  
  Type of number: Unknown  
  Numbering plan identifier: RESERVED !!!  
Originating Address: 7529  
Protocol Identifier: SC Specific  
Data Coding Scheme: GSM Default Alphabet  
SC Timestamp: 00109180033200  
  decoded: 00/01/19 08:30:23  
Time Zone: GMT+0.00H  
User Data Length: 57  
  decimal: 87  
Message: Happy New Year...

Bits 3 2 1 0

0 0 0 0	Unknown
0 0 0 1	ISDN/telephone numbering plan (E.164/E.163)
0 0 1 1	Data numbering plan (X.121)
0 1 0 0	Telex numbering plan
1 0 0 0	National numbering plan
1 0 0 1	Private numbering plan
1 0 1 0	ERMES numbering plan (ETSI DE/PS 3 01-3)
1 1 1 1	Reserved for extension

*All other values are reserved.*

# *SWG4 SAT/MEXE/CAMEL*



## *Interworking*

- No meetings
- But no consensus on removing this group
- Some of this area is being considered by SWG1



# *SWG5 Multi-system Terminals*

- 21.910 Report on Multi Mode UE issues completed

# *SWG6 Terminal Features and Performance*



- 21.904 UE Capability Requirements completed



# *Meeting Schedule*

- 28-29 Mar - SWG1 adhoc, London
- 11-13 Apr - SWG3 MMS adhoc, Tel Aviv, Israel
- 15-19 May - CMG, Netherlands
- 28 Aug -1 Sep - Logica Aldiscon, Galway, Ireland
- 27 Nov - 1 Dec - Panasonic, Japan



# *Documents for approval*

*- specifications/reports*

- 21.904 UE Capability Requirements TP-000026
- 21.910 Report on Multi Mode UE Issues TP-000027
- 23.140 Multimedia Messaging Service TP-000028



# *Documents for approval*

## *- R98 CRs in TP-000023*

T2 Tdoc	Spec	CR	Rev	Ph	Subject	Cat	Version-Current	Version-New	Workitem
T2-000133	03.41	A060		R98	Addition of LCS message identifier to support GPS Navigation message	B	7.2.0	7.3.0	LCS
T2-000030	03.57	A002	1	R98	Chapter 8 restructuring (Corrections MExE release 98, chapter 8)	F	7.1.0	7.2.0	MExE
T2-000048	03.57	A003		R98	Corrections to WAP chapters	F	7.1.0	7.2.0	MExE

# Documents for approval

## - R99 CRs in TP-000024



T2 Tdocs	Spec	CR	Rev	Ph	Subject	Cat	Version-Current	Version-New	Workitem
T2-000100	23.040	009		R99	Enhancement of the Message Content in SMS	B	3.3.0	3.4.0	MMS
T2-000136	23.040	010		R99	SMS multiple information elements	B	3.3.0	3.4.0	TEI
T2-000129	23.040	011		R99	SMS E-MAIL PARAMETERS	B	3.3.0	3.4.0	TEI
T2-000134	23.041	003		R99	Addition of LCS message identifier to support GPS Navigation message	A	3.1.0	3.2.0	LCS
T2-000130	23.041	004		R99	Adaptation of the scope of TS 23.041 from "GSM only" to "GSM and UMTS" part II	F	3.1.0	3.2.0	CBS
T2-000047	23.057	001		R99	Corrections to WAP chapters	F	3.0.0	3.1.0	MExE
T2-000049	23.057	002		R99	QoS	F	3.0.0	3.1.0	MExE
T2-000058	27.007	023		R99	Deletion of the +CROT? read command	F	3.3.0	3.4.0	TEI
T2-000072	27.007	025		R99	Adaptations for UMTS	F	3.3.0	3.4.0	TEI
T2-000059	27.007	026		R99	References to ASCII Specifications	D	3.3.0	3.4.0	ASCII
T2-000060	27.007	027		R99	Abbreviations related to ASCII	D	3.3.0	3.4.0	ASCII
T2-000061	27.007	028		R99	Priority indication in +CLCC, List Current Calls	B	3.3.0	3.4.0	ASCII
T2-000062	27.007	029		R99	Indication of priority, sub-address, sub-address type and TS 91/TS92 in +CRC, Cellular Result Codes	B	3.3.0	3.4.0	ASCII
T2-000063	27.007	030		R99	Commands for ASCII	B	3.3.0	3.4.0	ASCII
T2-000064	27.007	031		R99	Commands for eMLPP	B	3.3.0	3.4.0	ASCII
T2-000065	27.007	032		R99	Example for usage of priority	B	3.3.0	3.4.0	ASCII
T2-000071	27.007	024		R99	Additional format( 4 digits) for +CCLK	B	3.3.0	3.4.0	TEI
T2-000057	27.010	005		R99	Adaptations for UMTS	F	3.2.0	3.3.0	TEI





## *Other items for approval*

- Move of Advanced Cell Broadcast to R00
- Move of Alternatives to AT commands to R00