

Technical Specification Group Services and System Aspects **TSGS#11(01)010022**
Meeting #11, Palm Springs, CA, USA, 19-22 March 2001

Source: SA WG5
Title: CRs to 3G Telecom Management principles and high level requirements (32.101)
Document for: Approval
Agenda Item: 7.5.3

Doc-	Doc-	Spec	CR	Rev	Phase	Subject	Cat	Version-	Version-	Workitem
SP-010022	S5-010011	32.101	007		R99	Removal of Reference to 32.105	F	3.3.0	3.4.0	OAM-AR

CHANGE REQUEST

⌘ **32.101 CR 007** ⌘ rev **-** ⌘ Current version: **3.3.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

Proposed change affects: ⌘ (U)SIM ME/UE Radio Access Network Core Network

Title:	⌘ Removal of Reference to 32.105		
Source:	⌘ SA5		
Work item code:	⌘ OAM-AR	Date:	⌘ 26/01/2001
Category:	⌘ F	Release:	⌘ R99
	Use <u>one</u> of the following categories: F (essential correction) A (corresponds to a correction in an earlier release) B (Addition of feature), C (Functional modification of feature) D (Editorial modification) Detailed explanations of the above categories can be found in 3GPP TR 21.900.		Use <u>one</u> of the following releases: 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5)

Reason for change:	⌘ To remove a reference to a document not available for R99		
Summary of change:	⌘ A sub-clause (8.9) of the R99 Telecom Management Framework and Requirements specification (32.101) contains some high level statements on Accounting Management. This sub-clause references a charging specification (32.105) that is no longer part of R99. This reference therefore has to be removed.		
Consequences if not approved:	⌘ The R99 version of 32.101 would reference a 3GPP document that is not available for R99		

Clauses affected:	⌘ 2 and 8.9		
Other specs affected:	<input type="checkbox"/> Other core specifications <input type="checkbox"/> Test specifications <input type="checkbox"/> O&M Specifications	⌘	
Other comments:	⌘		

2 References

The following documents contain provisions, which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.

- [1] ITU-T Recommendation M.3010 (2000): "Principles for a telecommunications management network".
- [2] 3GPP TS 22.101: "Service Principles".
- [3] 3GPP TS 32.111-x: "3G Fault Management Requirements".
- [4] IETF RFC 959: "File Transfer Protocol (FTP)"; October 1985, J. Postel, J. Reynolds, ISI. (Status: Standard).
- [5] IETF RFC 783: "Trivial File Transfer Protocol (TFTP)"; rev. 2, June 1981, K.R. Sollins MIT. (Status: Unknown).
- [6] IETF RFC 1157: "A Simple Network Management Protocol (SNMP)"; May 1990, J. Case, SNMP Research, M. Fedor, Performance Systems International, M. Schoffstall, Performance Systems International, J. Davin, MIT Laboratory for Computer Science. (Status: Standard).
- [7] IETF RFC2401: "Security Architecture for the Internet Protocol"; November 1998. (Status: Proposed Standard).
- [8] The Object Management Group (OMG) "The Common Object Request Broker: Architecture and Specification", Revision 2.3, June 1999.
- [9] ITU-T Recommendation Q.811-1997: "Lower Layer Protocol Profiles for the Q3 Interface".
- [10] ITU-T Recommendation Q.812-1997: "Upper Layer Protocol Profiles for the Q3 Interface".
- [11] ITU-T Recommendation X.650-1996 "Information Technology - Open Systems Interconnection – Basic Reference Model: Naming and Addressing".
- [12] ITU-T Recommendation X.700-1992: "Management Framework for Open Systems Interconnection (OSI)".
- [13] ISO IS 8571-1:1988: "Information Processing Systems - Open Systems Interconnection - File Transfer, Access and Management - Part 1: General Introduction".
- [14] ISO IS 8571-2:1988: "Information Processing Systems - Open Systems Interconnection - File Transfer, Access and Management - Part 2: Virtual Filestore Definition".
- [15] ISO IS 8571-3:1988: "Information Processing Systems - Open Systems Interconnection - File Transfer, Access and Management - Part 3: File Service Definition".
- [16] ISO IS 8571-4:1988 "Information Processing Systems - Open Systems Interconnection - File Transfer, Access and Management - Part 4: File Protocol Specification".
- [17] ISO/IEC ISP 10607-1:1995: "Information technology - International Standardized Profiles AFTnn - File Transfer, Access and Management - Part 1: Specification of ACSE, Presentation and Session Protocols for the use by FTAM".

- [18] ISO/IEC ISP 10607-2:1995: "Information technology - International Standardized Profiles AFTnn - File Transfer, Access and Management - Part 2: Specification of Document Types, Constraint sets and Syntaxes".
- [19] ISO/IEC ISP 10607-3:1995: "Information technology - International Standardized Profiles AFTnn - File Transfer, Access and Management - Part 3: Specification of AFT 11 Simple File Transfer Service (Unstructured)".
- [20] ITU-T Recommendation X.710-1997: "Information Technology – Open Systems Interconnection - Common Management Information Service".
- [21] ITU-T Recommendation X.711-1997: " Information Technology – Open Systems Interconnection - Common Management Information Protocol Specification".
- [22] ITU-T Recommendation X.25-1996: "Interface between Data Terminal Equipment (DTE) and Data Circuit Terminating (DCE) for Terminals operating in the Packet Mode and connected to Public Data Networks by Dedicated Circuit".
- [23] ISO/IEC ISP 11183-1:1992: "Information technology -- International Standardized Profiles AOM1n.OSI Management – Management Communications -- Part 1: Specification of ACSE, presentation and session protocols for the use by ROSE and CMISE".
- [24] ISO/IEC 9545:1994: "Information Processing Systems - Open Systems Interconnection - Application Layer Structure".
- [25] ITU-T Recommendation X.200-1994: "Information Technology-Open Systems Interconnection-Basic Reference Model: The Basic Model".
- [26] ITU-T Recommendation (CCITT) X.208 (1988): "Specification of Abstract Syntax Notation One (ASN.1)".
- [27] ITU-T Recommendation (CCITT) X.209 (1988): "Specification of Basic Encoding Rules for Abstract Syntax Notation One (ASN.1)".
- [28] ITU-T Recommendation X.210-1993: "Information Technology-Open Systems Interconnection-Basic Reference Model: Conventions for the definition of OSI Services".
- [29] ITU-T Recommendation X.211-1995: "Information Technology-Open Systems Interconnection-Physical Service Definition".
- [30] ITU-T Recommendation X.212-1995: "Information Technology-Open Systems Interconnection-Data link Service Definition".
- [31] ITU-T Recommendation X.213-1995: "Information Technology-Open Systems Interconnection-Network Service Definition".
- [32] ITU-T Recommendation X.223-1993: "Use of X.25 to provide the OSI Connection-mode network service for ITU-T applications".
- [33] ITU-T Recommendation X.214-1995: "Information Technology-Open Systems Interconnection-Transport Service Definition".
- [34] ITU-T Recommendation X.224-1995: "Information Technology-Open Systems Interconnection-Protocol for providing the connection-mode transport service".
- [35] ITU-T Recommendation X.215-1995: "Information Technology-Open Systems Interconnection-Session Service Definition".
- [36] ITU-T Recommendation X.225-1995: "Information Technology-Open Systems Interconnection-Connection-oriented session protocol: Protocol specification".
- [37] ITU-T Recommendation X.216-1994: "Information Technology-Open Systems Interconnection-Presentation Service Definition".

- [38] ITU-T Recommendation X.226-1994: "Information Technology-Open Systems Interconnection-Connection-oriented presentation protocol: Protocol specification".
- [39] ITU-T Recommendation X.217-1995: "Information Technology-Open Systems Interconnection-Service definition for the association control service element".
- [40] ITU-T Recommendation X.227-1995: "Information Technology-Open Systems Interconnection-Connection-oriented protocol for the association control service element: Protocol specification".
- [41] ITU-T (CCITT) Recommendation X.219 (1988): "Remote Operations: Model, Notation and Service Definition".
- [42] ITU-T (CCITT) Recommendation X.229 (1988): "Remote Operations: Protocol Specification".
- [43] ISO/IEC 7776:1995: "Information technology – Telecommunications and information exchange between systems -- High-level data link control procedures - Description of the X.25 LAPB-compatible DTE data link procedures.
- [44] ISO/IEC 8208:1995: "Information technology -- Data communications -- X.25 Packet Layer Protocol for Data Terminal Equipment.
- [45] ISO/IEC 8878:1992: "Information technology -- Telecommunications and information exchange between systems -- Use of X.25 to provide the OSI Connection-mode Network Service.
- [46] IETF RFC 1006, ISO Transport on top of the TCP, Marshall T. Rose, Dwight E. Cass, Northrop Research and Technology Center, May 1987. Status: Standard.
- [47] IETF RFC 793, Transmission Control Protocol (TCP) DARPA Internet Program Protocol Specification, Information Sciences Institute, University of Southern California, September 1981. Status: Standard.
- [48] IETF RFC 791, Internet Protocol (IP) DARPA Internet Program Protocol Specification, Information Sciences Institute, University of Southern California, September 1981. Status: Standard.
- [49] ITU-T Recommendation X.680-1997: "Information Technology-Abstract Syntax Notation One (ASN.1): Specification of Basic Notation".
- ~~[50] 3GPP TS 32.105: "3G call event data".~~
- [51] 3GPP TS 22.115: "Service aspects; Charging and Billing".
- [52] The Object Management Group (OMG) "The Common Object Request Broker: Architecture and Specification", Revision 2.1.
- ...
- [100] TMF GB910: "Telecom Operations Map"; Evaluation Release Version 1.1 April.
- [101] 3GPP TS 32.102: "Telecom Management Architecture".
- [102] ITU-T Recommendation M.3013-2000: "Considerations for a telecommunications management network".
- [103] ITU-T Recommendation X.290-1995: "OSI Conformance Testing Methodology and Framework for Protocol Recommendations for ITU-T Applications – General concepts".

8.9 Accounting Management

~~3G TS 32.105~~ "3G call event data" ~~[50]~~ is will be based on the requirements specified in 3G TS 22.115 " Service aspects; Charging and Billing" [51]. The main content of 3G call event data will be ~~TS 32.105 [50]~~ is:

- Layout and formats of raw call and event data for the 3G switching nodes (circuit and packet switched);
- Data generation dependent on call states and 3G TS 22.115 [51] service requirements;
- Formal description of the call and event data records in ASN.1 and definition of a file transfer mechanism (FTP).