

TSGS#28(05)0268

Meeting #28 Quebec, CANADA, 06-08 June 2005



TSG-SA WG5 (Telecom Management) Status Report

Reported by

Michael TRUSS

TSG-SA WG5 Chair

Agenda Item:

7.5.1

Document for:

Information

A GLOBAL INITIATIVE

3GPP SA5 Officers



OAM&P (Operations, Administration, Maintenance & Provisioning) and Charging Management

- **Chair**
Michael TRUSS (Motorola Ltd/ ETSI) – since 04/2002
- **Vice Chairs**
Christian TOCHE (Nortel / ETSI) – since 04/2002
Dr Li Yewen (China Mobile/CCSA) – since 07/2003
(elections 09/2005)

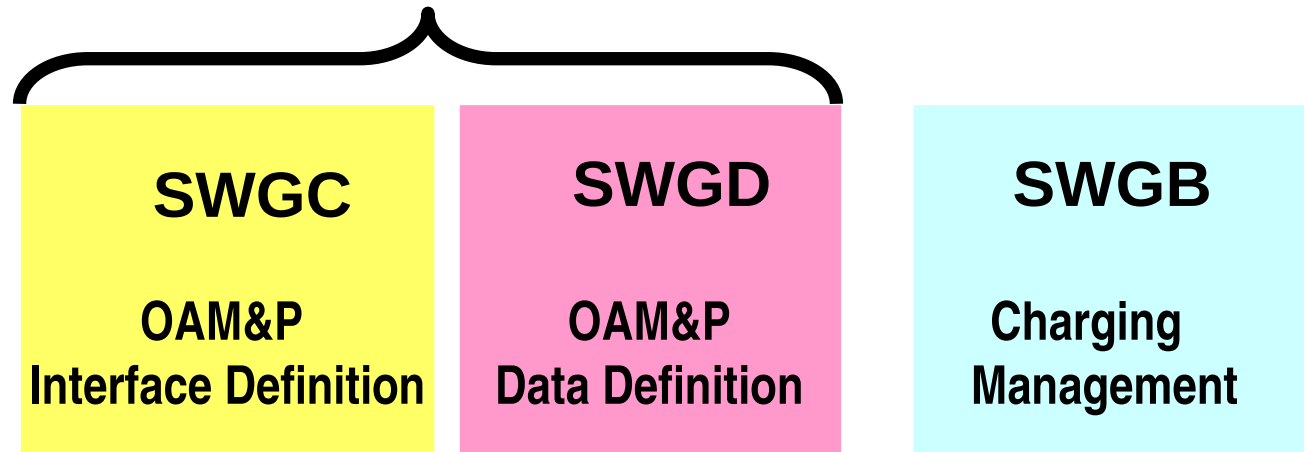


- **SA5 wishes to re-synch the elections for ALL positions in 09/2005**
- **MCC Support: Adrian ZOICAS (MCC) – since 01/2000**

SA5's Sub-WG Structure



OAM&P



SWGA
closed 05/2005

- Reqs & Architecture (AR-PR)
- Subscription Mgmt (SuM)
- Subscriber & UE Trace

AR-PR goes to SWGC

SuM Interface goes to SWGC

SuM NRM goes to SWGD

SuM SOM temporarily goes to SWGD

Trace goes to SWGD

SWG Officials - see next slides

SA5's Sub-WG structure (1/2)



OAM&P (Operations, Administration, Maintenance & Provisioning)

Closed 05/2005:

**SWGA Telecom management Architecture,
High-level requirements,
Subscription management,
Subscriber & UE Trace management**

- István ABA (T-Mobile Austria) – Chair
- Tommy BERGGREN (TeliaSonera) – Vice Chair



SWGC OAM&P Interface Definition

- Thomas TOVINGER (Ericsson) – Chair
- Joerg SCHMIDT (Motorola) – Vice Chair

SWGD OAM&P Data Definition

- Christian TOCHE (Nortel Networks) – Convenor
- Ulf HUBINETTE (Ericsson) – Vice Chair
- Olaf POLLAKOWSKI (Siemens) – Vice Chair



SA5's Sub-WG structure (2/2)



Charging Management

SWGB Charging Management

- **Karl-Heinz NENNER (T-Mobile)** – Chair & Rapp will stop SA5 attendance 09/2005
- **Gerald GÖRMER (Siemens)** – Vice Chair
- **Benni ALEXANDER (Nokia)** – Vice Chair

Liaison:

GSM Association (BARG, IREG, SERG),
OMA M-Commerce & Charging (MCC),
IETF-AAA (Diameter, Credit-Control),
T2 (MMS Charging)



Meetings held



SA5 #41bis

Sophia Antipolis, FRANCE, 14-18 March 2005, hosted by ETSI

- Attended by **40** delegates

SA5 #42

Montreal, CANADA, 09-13 May 2005, hosted by NAF

- Attended by **49** delegates (China participation **exceeds 40%**)
- Draft report in S5-050211

Inter-Organizational Co-operation with:



ITU-T SG4 & ATIS TMOC

- Discussions on-going on CORBA framework, IS Methodology, UML, XML/tML standardization and overlap with Recommendation Q.827.1
- Also liaising with ATIS TMOC on VoIP Account Management

3GPP2 TSG-S on Management standards

- 3GPP2 TSG-S is referencing SA5's TSs in its specification S.S0028-001-C "OAM&P for cdma2000 (3GPP2 R6 Delta Specification)"
- Methodology alignment regarding network resource models and measurements

IEEE 802.16 NETMAN Working Group

- Establishing a relationship to exchange information related to the development of network management specifications for heterogeneous networks

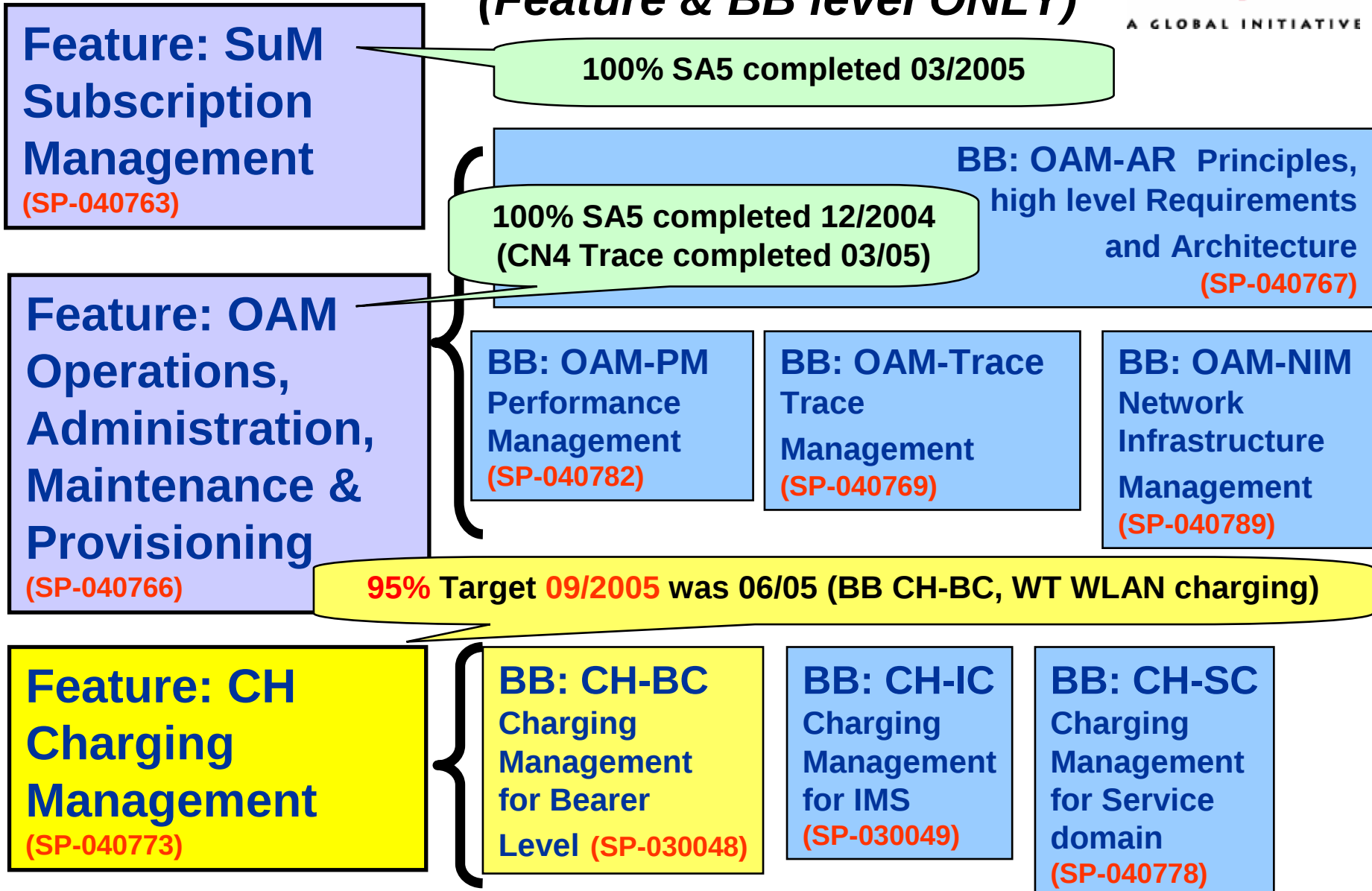
IETF AAA Working Group

- On Diameter Credit Control application for 3GPP Online Charging.

OMA Mobile Commerce & Charging (MCC) Working Group

- On Re-use of 3GPP Charging Architecture and Specifications

SA5 Telecom Management Rel-6 WID overview (Feature & BB level ONLY)



Evolution of SA5 specifications

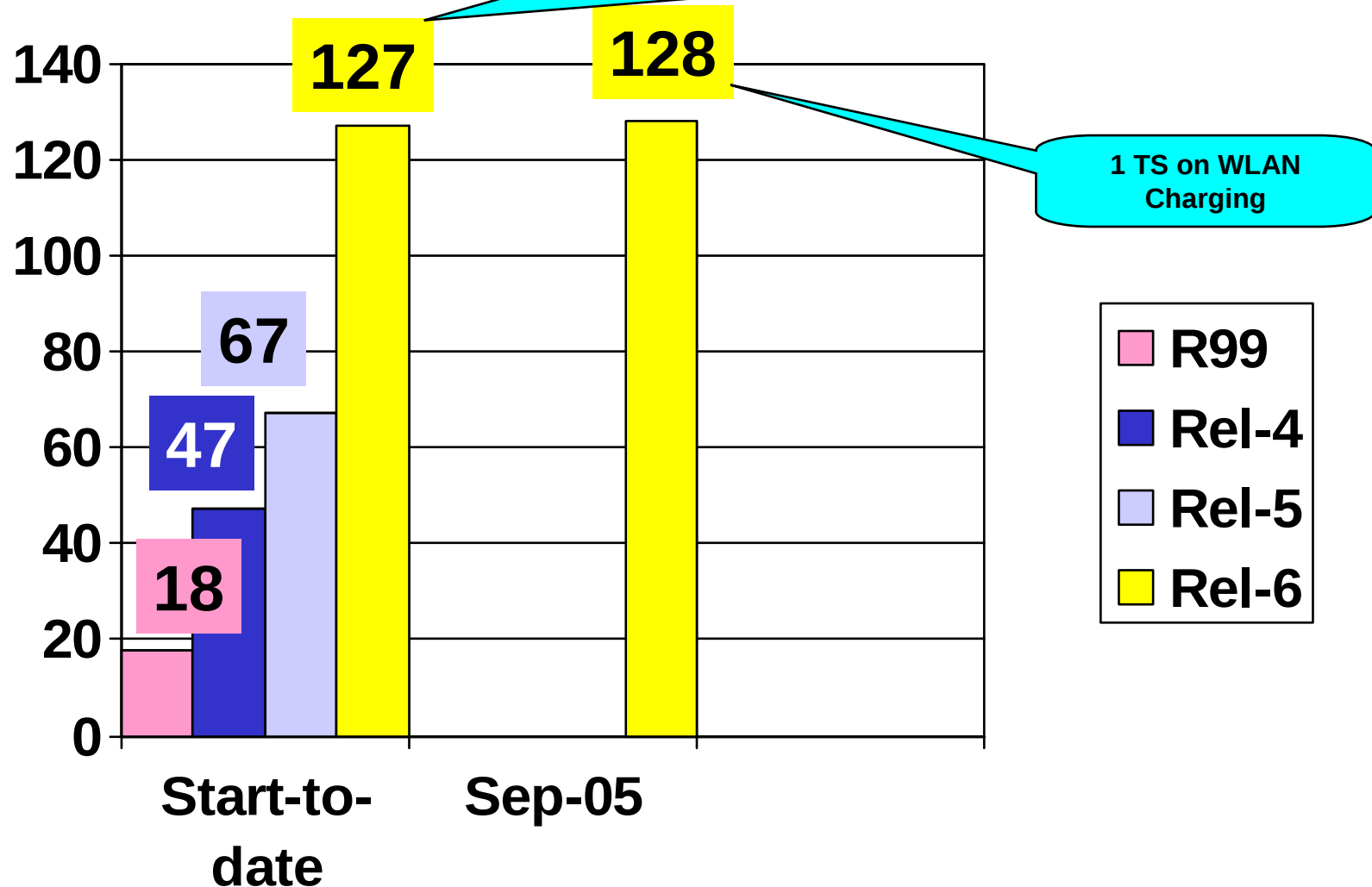


- from start of 3GPP

5 TSs :

2 IRP Solution Sets

3 Charging PoC, MBMS, CDR parameter description



Status of Rel-6 Feature OAM&P



Operation, Administration, Maintenance and Provisioning

Completed **12/2004**

Already SA Approved: > 110 TS

For SA#28 approval: 2 TSs (IRP Solution Sets)

- OAM-AR: Principles, high level Requirements & Architecture (completed 06/2004)
- **OAM-NIM: Network Infrastructure Management (completed 12/2004)**
- OAM-PM: Performance Management (completed Dec 04)
- OAM-Trace: Subscriber and Equipment Trace Management (completed 12/2004)
 - Contains Management Based Activation (MBA) and non-SIP Signalling Based Activation of Trace
 - Moved to Rel-7 Signalling Based Activation (SBA) of Trace in IMS (Reason: CN1/IETF dependency on SIP)

Status of Rel-6 Feature: Subscription Management (SuM)

Completed **03/2005**

- 32.140/1 SuM Requirements / Architecture
- 32.171/2 SuM Network Resources Model (NRM) IRP Requirements / Information Service
- 32.175 SuM NRM IRP XML Definition
- 32.803 Process Guide; Use Cases in UML

Status of Rel-6 Feature: Charging Management (CH)

Completion target **Sep 2005** (was Sep 2004, Dec 2004, Jun 2005)

Already SA Approved 11 TS :

32.240	Charging architecture and principles
32.250	Circuit Switched (CS) domain charging
32.251	Packet Switched (PS) domain charging
32.260	IP Multimedia Subsystem (IMS) charging
32.270	Multimedia Messaging Service (MMS) charging
32.271	Location Services (LCS) charging
32.295	Charging Data Record (CDR) transfer
32.815	Online Charging System (OCS) architecture study
32.296	Online Charging System (OCS): Applications and interfaces
32.297	Charging Data Record (CDR) file format and transfer
32.299	Diameter charging applications

SA#28 Three (3) TSs for Approval :

32.272	PoC charging - coordinate with OMA
32.273	MBMS charging
32.298	Charging Data Record (CDR) parameter description

Completion date delayed from June to **Sept 2005** :

32.252	Wireless Local Area Network (WLAN) charging
	Reason and open issues are listed in S5-054469/ SP-050282 "Form for exception on WLAN Charging Rel-6".

SA5 Meetings



3GPPSA5#40-bis SWGB	11 - 13 Jan 2005	Sophia Antipolis (ETSI)	FR
3GPPSA5#41	24 - 28 Jan 2005	Lisbon (EF3)	PT
3GPPSA#27	14 - 17 Mar 2005	Tokyo	JP
3GPPSA5#41-bis	14 - 18 Mar 2005	Sophia Antipolis (ETSI)	FR
3GPPSA5#42	9 - 13 May 2005	Montreal (NAF)	CA
3GPPSA#28	6 - 9 Jun 2005	Quebec	CA
3GPPSA5#42-bis	27 Jun - 1 Jul 2005	Sophia Antipolis (ETSI)	FR
3GPPSA5#43	29 Aug - 2 Sep 2005	Bordeaux (EF3)	FR
3GPPSA#29	26 - 29 Sep 2005	Tallinn	EE
3GPPSA5#44	7 - 11 Nov 2005	Guangzhou (Huawei)	CN
3GPPSA#30	5 - 8 Dec 2005	Malta	MT

Acknowledgements



Mr István ABA (T-Mobile Austria)
SA5 SWGA Chair for
2 years and Rapporteur on
Subscription Management (SuM)

Mr Tommy BERGGREN (TeliaSonera)
SA5 SWGA Vice Chair for
4 years and Rapporteur on
Telecom management Architecture



NOTE: István and Tommy will continue their work and rapporteurships in SA5

Acknowledgements



Ms Yunzhong LUO
(CATT/Datang) - for 2 years
work on Performance and
Network Infrastructure



Mr Tapinder PAL (T-Mobile) -
for 6 years OAM Rapporteur
on various topics from the
beginning of the 3GPP and
in GSM/SMG



Abbreviations commonly used in SA5



A GLOBAL INITIATIVE

AVP	Attribute Value Pair	TOM	Telecom Operations Map (TMF)
BS	Billing System		
CDR	Charging Data Record	DN	Distinguished Name
CM	Configuration Management		
CMIP	Common Management Information Protocol		
CMISE	Common Management Information Service		
COPS	Common Open Policy Service		
CORBA	Common Object Request Broker Architecture		
FM	Fault Management		
GDMO	Guidelines for the Definition of Managed Objects		
IDL	Interface Definition Language		
IMS	IP Multimedia Subsystem	IOC	Information Object Class
IRP	Integration Reference Point	IS	Information Service
ITF-N	Interface-N (Network-NM Interface)	MOC	Managed Object Class
NRM	Network Resource Model		
OAM&P	Operations, Administration, Maintenance & Provisioning		
O(S)S	Operations Support System		
PDP	Policy Decision Point		
PM	Performance Management		
SNMP	Simple Network Management Protocol (IETF)		
SuM	Subscription Management	UML	Unified Modelling Language
SS	Solution Set	XML	eXtensible Mark-up Language
TM	Telecom Management		
TMF	TeleManagement Forum		
TMN	Telecommunications Management Network (ITU-T)		

Documents and issues for discussion, information and approval

List of SA5 input documents to this SA plenary

SA Tdoc#	Title	Type	WI
SP-050269	CR 32172-5 Subscription Management (SuM) Network Resource Model IRP Information Service/XML definition	CR	SuM
SP-050270	CR 32215 PS domain charging	CR	OAM-CH
SP-050271	CR 32240 Charging architecture and principles	CR	CH
SP-050272	CR 32297 Charging Data Record (CDR) file format and transfer	CR	CH
SP-050273	CR 32815 Online Charging System (OCS) architecture study	CR	CH
SP-050274	CR 32296 Online Charging System (OCS): Applications and interfaces	CR	CH
SP-050275	CR 32250-251-295 CS domain charging / PS domain charging / CDR transfer	CR	CH-BC
SP-050276	CR 32260-299 IMS charging - Diameter charging applications	CR	CH-IC
SP-050277	CR 32270 MMS charging	CR	CH-SC
SP-050278	CR 32271 LCS charging	CR	CH-SC
SP-050279	Rel-6 TS 32272-200 PoC Charging - for SA Approval	TS	CH-SC
SP-050280	Rel-6 TS 32273-200 MBMS Charging - for SA Approval	TS	CH-SC
SP-050281	Rel-6 TS 32298-200 Charging Data Record (CDR) parameter description - for SA Approval	TS	CH
SP-050282	Form for exception on WLAN Charging Rel-6 - for Information and Approval	TS	CH-BC
SP-050283	CR 32111-3-4-5 Fault Management Alarm IRP	CR	OAM-NIM
SP-050284	CR 32152 IRP Information Service (IS) Unified Modelling Language (UML) repertoire	CR	OAM-NIM
SP-050285	CR 32300 Name convention for Managed Objects	CR	OAM-NIM
SP-050286	CR 32303 CM Notification IRP CORBA SS	CR	OAM-NIM
SP-050287	Rel-6 TS 32.305-100 Notification IRP: XML Definitions - for SA Approval	TS	OAM-NIM
SP-050288	CR 32313 Generic IRP management; CORBA SS	CR	OAM-NIM
SP-050289	CR 32322 Test management RP Information Service	CR	OAM-NIM
SP-050290	CR 32332 Notification Log IRP Information Service	CR	OAM-NIM
SP-050291	Rel-6 TS 32335-200 Notification Log IRP XML Definitions - for SA Approval	TS	OAM-NIM
SP-050292	CR 32342 File Transfer IRP Information Service	CR	OAM-PM
SP-050293	CR 32403 Performance Management / CR 32412-3 Performance Management IRP	CR	OAM-PM
SP-050294	CR 32421-2-3 Subscriber and equipment trace	CR	OAM-Trace
SP-050295	CR 32612-5 Bulk Configuration Management IRP Information Service / Bulk CM XML file format definition	CR	OAM-NIM
SP-050296	CR 32623-5 Generic network resources IRP CORBA SS / Bulk CM XML - CR 32635 Core network resources IRP Bulk CM XML	CR	OAM-NIM
SP-050297	CR 32643-4-5 UTRAN network resources IRP - 32804 RET antennas Requirements	CR	OAM-NIM
SP-050298	CR 32652 GERAN network resources IRP Network Resource Model	CR	OAM-NIM
SP-050299	CR 32662-3 Kernel CM IRP Information Service / CORBA SS	CR	OAM-NIM
SP-050300	CR 32672-3 State Management IRP CORBA SS	CR	OAM-NIM
SP-050301	CR 32692 Inventory Management network resources IRP Network Resource Model	CR	OAM-NIM
SP-050302	WID WT Enhance NRM to accommodate NGN (IMS as basis of the Next Generation Network)	WID	OAM7-NIM-NGN
SP-050303	WID WT IRP usage scenarios	WID	OAM7-NIM
SP-050304	WID WT Co-operative Element Management interface (CO-OP)	WID	OAM7-NIM-COOP
SP-050305	WID WT Network Management (NM) Itf-N performance criteria	WID	OAM7-NIM
SP-050306	WID WT Delta synchronization between IRP Manager and IRP Agent	WID	OAM7-NIM
SP-050307	WID WT Subscription Management (SuM) IRP Solution Sets	WID	OAM7-NIM-SuM
SP-050308	WID WT Integration Reference Point (IRP) Security Management	WID	OAM7-NIM
SP-050309	WID WT Integration Reference Point (IRP) Methodology	WID	OAM7-NIM
SP-050310	WID WT Partial suspension of Itf-N during maintenance/testing	WID	OAM7-NIM
SP-050311	WID WT Advanced Alarming on Itf-N	WID	OAM7-NIM
SP-050312	WID WT Management of Legacy Equipment	WID	OAM7-NIM
SP-050313	WID WT Rules for Vendor Specific Extensions	WID	OAM7-NIM
SP-050314	WID WT CN CS Bearer Transport Network (BTN) relative NRM	WID	OAM7-NIM
SP-050315	WID WT Performance measurements definition for CN CS	WID	OAM7-PM
SP-050316	WID WT Enhancement UTRAN performance measurements definition	WID	OAM7-PM
SP-050317	WID WT Add TDD specific counters in Performance measurement	WID	OAM7-PM
SP-050318	WID WT ATM bearer network Performance measurements	WID	OAM7-PM
SP-050319	WID WT IP bearer network Performance measurement definitions	WID	OAM7-PM
SP-050320	WID update BB Trace Management	WID	OAM7-Trace

Feature: Subscription Management (SuM)



Unique_ID	Name	Acronym	WID	
2062	Subscription Management	SuM	SP-040763	
SA Tdoc#	Title	Type	WI	Doc for
SP-050269	CR 32172-5 Subscription Management (SuM) Network Resource Model IRP Information Service/XML definition	CR	SuM	Approval
Spec	Title	Rel-5	Rel-6	Note
32.140	Subscription Management (SuM) requirements	n.a.	6.x.y	
32.141	Subscription Management (SuM) architecture	n.a.	6.x.y	
32.171	Subscription Management (SuM) NRM IRP Requirements	n.a.	6.x.y	
32.172	Subscription Management (SuM) NRM IRP Information Service	n.a.	6.x.y	
32.175	Subscription Management (SuM) NRM IRP XML definitions	n.a.	6.x.y	
32.803	Process guide; Use cases in Unified Modelling Language (UML)	n.a.	6.x.y	

Doc-1st-Level	Spec_#	CR_#	R	Phase	Subject	Ca t	Ver-Cur	Doc-2nd-Level	Workitem
SP-050269	32.172	0004	-	Rel-6	Add Rel-6 trace parameters to SuM - align with CT4's TS 23.008 (Organisation of subscriber data)	F	6.1.0	S5-052210	SuM
SP-050269	32.175	0001	-	Rel-6	Add Rel-6 trace parameters to SuM - align with CT4's TS 23.008 (Organisation of subscriber data)	F	6.0.0	S5-052211	SuM

Feature: Charging (CH)



Unique_ID	Name	Acronym	WID	
35016	Charging Management	CH	SP-040773	
SA Tdoc#	Title	Type	WI	Doc for
SP-050272	CR 32297 Charging Data Record (CDR) file format and transfer	CR	CH	Approval
SP-050273	CR 32815 Online Charging System (OCS) architecture study	CR	CH	Approval
SP-050274	CR 32296 Online Charging System (OCS): Applications and interfaces	CR	CH	Approval
SP-050281	Rel-6 TS 32298-200 Charging Data Record (CDR) parameter description - for SA Approval	TS	CH	Approval
Spec	Title	Rel-5	Rel-6	Note
32.815	Online Charging System (OCS) architecture study	n.a.	6.x.y	
32.295	Charging Data Record (CDR)	n.a.	6.x.y	
32.296	Online Charging System (OCS): Applications and interfaces	n.a.	6.x.y	
32.297	Charging Data Record (CDR) file format and transfer	n.a.	6.x.y	
32.298	Charging Data Record (CDR) parameter description	n.a.	2.0.0	For approval Jun 2005

Doc-1st-Level	Spec_#_	CR_#	R	Phase	Subject	Ca t	Ver-Cur	Doc-2nd-Level	Workitem
SP-050272	32.297	0001	1	Rel-6	Corrections, alignments and additions to complete remaining technical gaps	C	6.0.0	S5-054453	CH

Feature: Charging (CH)



Doc-1st-Level	Spec__#_	CR__#	R	Phase	Subject	Cat	Ver-Cur	Doc-2nd-Level	Workitem
SP-050273	32.815	0001	-	Rel-6	Correction on the use of "reference point" and "interface" – Align with TR 21.905	F	6.0.0	S5-054277	CH

Doc-1st-Level	Spec__#_	CR__#	R	Phase	Subject	Cat	Ver-Cur	Doc-2nd-Level	Workitem
SP-050274	32.296	0001	-	Rel-6	Correction to scope	F	6.0.0	S5-054441	CH
SP-050274	32.296	0002	-	Rel-6	Correction to references	F	6.0.0	S5-054452	CH
SP-050274	32.296	0003	-	Rel-6	Enhance rating for several services in a single transaction	C	6.0.0	S5-054278	CH

BB: Bearer Charging (CH-BC)



Unique_ID	Name	Acronym	WID	
35017	Charging Management for Bearer level	CH-BC	SP-030048	
35033	WLAN charging	WLAN-CH		
SA Tdoc#	Title	Type	WI	Doc for
SP-050270	CR 32215 PS domain charging	CR	OAM-CH	Approval
SP-050271	CR 32240 Charging architecture and principles	CR	CH	Approval
SP-050275	CR 32250-251-295 CS domain charging / PS domain charging / CDR transfer	CR	CH-BC	Approval
SP-050282	Form for exception on WLAN Charging Rel-6 - for Information and Approval	TS	CH-BC	Information and Approval
Spec	Title	Rel-5	Rel-6	Note
32.240	Charging architecture and principles	n.a.	6.x.y	
32.250	Circuit Switched (CS) domain charging	n.a.	6.x.y	
32.251	Packet Switched (PS) domain charging	n.a.	6.x.y	
32.252	Wireless Local Area Network (WLAN) charging	n.a.	1.x.y	For approval Sep 2005

Doc-1st-Level	Spec_#_	CR_#	R	Phase	Subject	Cat	Ver-Cur	Doc-2nd-Level	Workitem
SP-050270	32.215	0038	-	Rel-4	Correction to legal values of the Charging Characteristics IE	F	4.8.0	S5-054463	OAM-CH
SP-050270	32.215	0039	-	Rel-5	Correction to legal values of the Charging Characteristics IE	A	5.8.0	S5-054464	OAM-CH

BB: Bearer Charging (CH-BC)



Doc-1st-Level	Spec_#_	CR_#	R	Phase	Subject	Cat	Ver-Cur	Doc-2nd-Level	Workitem
SP-050271	32.240	0005	-	Rel-6	Correction to scope	F	6.1.0	S5-054466	CH
SP-050271	32.240	0006	-	Rel-6	Correction to references	F	6.1.0	S5-054467	CH

Doc-1st-Level	Spec_#_	CR_#	R	Phase	Subject	Cat	Ver-Cur	Doc-2nd-Level	Workitem
SP-050275	32.250	0002	-	Rel-6	Correction on the use of 'reference point' and 'interface' – Align with TR 21.905	F	6.1.0	S5-054284	CH
SP-050275	32.250	0003	-	Rel-6	Correction to scope	F	6.1.0	S5-054434	CH
SP-050275	32.250	0004	-	Rel-6	Correction to references	F	6.1.0	S5-054446	CH
SP-050275	32.251	0010	-	Rel-6	Correction to scope	F	6.2.0	S5-054435	CH
SP-050275	32.251	0011	-	Rel-6	Correction to references	F	6.2.0	S5-054447	CH
SP-050275	32.295	0001	-	Rel-6	Correction to scope	F	6.0.0	S5-054440	CH
SP-050275	32.295	0002	-	Rel-6	Correction to references	F	6.0.0	S5-054451	CH
SP-050275	32.295	0003	-	Rel-6	Correction on the use of 'reference point' and 'interface' – Align with TR 21.905	F	6.0.0	S5-054286	CH

BB: IMS Charging (CH-IC, IMS2-CH)



Unique_ID	Name	Acronym	WID	
35018	Charging Management for the IMS	IMS2-CH	SP-030049	
35032	IMS charging	IMS2-CH		
SA Tdoc#	Title	Type	WI	Doc for
SP-050276	CR 32260-299 IMS charging - Diameter charging applications	CR	CH-IC	Approval
Spec	Title	Rel-5	Rel-6	Note
32.260	IP Multimedia Subsystem (IMS) charging	n.a.	6.x.y	
32.299	Diameter charging applications	n.a.	6.x.y	

Doc-1st-Level	Spec_#_	CR_#	R	Phase	Subject	Cat	Ver-Cur	Doc-2nd-Level	Workitem
SP-050276	32.260	0004	-	Rel-6	Correction to scope	F	6.1.0	S5-054436	CH
SP-050276	32.260	0005	-	Rel-6	Correction to references	F	6.1.0	S5-054448	CH
SP-050276	32.299	0016	-	Rel-6	Correction to scope	F	6.2.0	S5-054443	CH
SP-050276	32.299	0017	-	Rel-6	Correction to references	F	6.2.0	S5-054454	CH

BB: Service Charging

(CH-SC, MMS6-CH, LCS-CH, PoC-CH, MBMS-CH)



Unique_ID	Name	Acronym	WID	
35019	Charging Management for the Service domain	CH	SP-040778	
35034	MMS charging	MMS6-CH		
35035	LCS charging	LCS2-CH		
35036	PoC charging	PoC-CH	SP-050032	
35038	MBMS charging	MBMS-CH	SP-040779	
SA Tdoc#	Title	Type	WI	Doc for
SP-050277	CR 32270 MMS charging	CR	CH-SC	Approval
SP-050278	CR 32271 LCS charging	CR	CH-SC	Approval
SP-050279	Rel-6 TS 32272-200 PoC Charging - for SA Approval	TS	CH-SC	Approval
SP-050280	Rel-6 TS 32273-200 MBMS Charging - for SA Approval	TS	CH-SC	Approval
Spec	Title	Rel-5	Rel-6	Note
32.270	Multimedia Messaging Service (MMS) charging	n.a.	6.x.y	
32.271	Location Services (LCS) charging	n.a.	6.x.y	
32.272	Push-to-talk over Cellular (PoC) charging	n.a.	2.0.0	For approval Jun 2005
32.273	MBMS charging	n.a.	2.0.0	For approval Jun 2005

BB: Service Charging (CH-SC, MMS6-CH, LCS-CH)



Doc-1st-Level	Spec_#_	CR_#	R	Phase	Subject	Cat	Ver-Cur	Doc-2nd-Level	Workitem
SP-050277	32.270	0008	-	Rel-6	Correction to scope	F	6.2.0	S5-054437	CH
SP-050277	32.270	0009	-	Rel-6	Correction to references	F	6.2.0	S5-054449	CH
SP-050277	32.270	0010	-	Rel-6	Corrections and alignments	F	6.2.0	S5-054458	CH

Doc-1st-Level	Spec_#_	CR_#	R	Phase	Subject	Cat	Ver-Cur	Doc-2nd-Level	Workitem
SP-050278	32.271	0001	-	Rel-6	Add peer GMLC Identification and network ID to LCS CDRs	C	6.0.0	S5-054280	CH
SP-050278	32.271	0002	-	Rel-6	Correction to scope	F	6.0.0	S5-054438	CH
SP-050278	32.271	0003	-	Rel-6	Correction to references	F	6.0.0	S5-054450	CH

BB: Network Infrastructure Management (OAM-NIM)



Unique_ID	Name	Acronym	WID	
35014	Network Infrastructure Management	OAM-NIM	SP-040789	
SA Tdoc#	Title	Type	WI	Doc for
SP-050283	CR 32111-3-4-5 Fault Management Alarm IRP	CR	OAM-NIM	Approval
Spec	Title	Rel-5	Rel-6	Note
32.111-1	Fault Management; Part 1: 3G fault management requirements	5.x.y	6.x.y	
32.111-2	Fault Management; Part 2: Alarm IRP Information Service (IS)	5.x.y	6.x.y	
32.111-3	Fault Management; Part 3: Alarm IRP CORBA SS	5.x.y	6.x.y	
32.111-4	Fault Management; Part 4: Alarm IRP CMIP SS	5.x.y	6.x.y	
32.111-5	Fault Management; Part 5: Alarm IRP XML Definitions	n.a.	6.x.y	

Doc-1st-Level	Spec_#_	CR_#	R	Phase	Subject	Cat	Ver-Cur	Doc-2nd-Level	Workitem
SP-050283	32.111-3	0044	-	Rel-6	Correction of IDL syntax errors in AlarmIRP{ConstDefs	F	6.2.0	S5-056368	OAM-NIM
SP-050283	32.111-4	0032	-	Rel-5	Clarification for Parallel Alarm alignments	F	5.9.0	S5-056369	OAM-NIM
SP-050283	32.111-4	0033	-	Rel-6	Clarification for Parallel Alarm alignments	A	6.4.0	S5-056370	OAM-NIM
SP-050283	32.111-5	0001	-	Rel-6	Align with 32.335	F	6.0.0	S5-056380	OAM-NIM

BB: Network Infrastructure Management (OAM-NIM)



Unique_ID	Name	Acronym	WID	
35014	Network Infrastructure Management	OAM-NIM	SP-040789	
	WT09: Backward Compatibility			
SA Tdoc#	Title	Type	WI	Doc for
SP-050284	CR 32152 IRP Information Service (IS) Unified Modelling Language (UML) repertoire	CR	OAM-NIM	Approval
Spec	Title	Rel-5	Rel-6	Note
32.150	Integration Reference Point (IRP) Concept and definitions	n.a.	6.x.y	
32.151	Integration Reference Point (IRP) Information Service (IS) template	n.a.	6.x.y	
32.152	Integration Reference Point (IRP) Information Service (IS) UML repertoire	n.a.	6.x.y	
32.805	Process guide; Backward compatibility recommendations	n.a.	6.x.y	

Doc-1st-Level	Spec__#_	CR__#	R	Phase	Subject	Cat	Ver-Cur	Doc-2nd-Level	Workitem
SP-050284	32.152	0003	-	Rel-6	Add the stereotype "Notification" to UML repertoire. Align with TS 32.412	F	6.2.0	S5-056325	OAM-NIM
SP-050284	32.152	0004	-	Rel-6	Correction of stereotype name capitalization and visibility qualifiers	F	6.2.0	S5-056362	OAM-NIM

BB: Network Infrastructure Management (OAM-NIM)



Unique_ID	Name	Acronym	WID	
35014	Network Infrastructure Management	OAM-NIM	SP-040789	
SA Tdoc#	Title	Type	WI	Doc for
SP-050285	CR 32300 Name convention for Managed Objects	CR	OAM-NIM	Approval
Spec	Title	Rel-5	Rel-6	Note
32.300	CM; Name convention for Managed Objects	5.x.y	6.x.y	

Doc-1st-Level	Spec__#_	CR_#	R	Phase	Subject	Cat	Ver-Cur	Doc-2nd-Level	Workitem
SP-050285	32.300	0005	-	Rel-6	Correct DN string representation formal definition to support wildcard character	F	6.1.0	S5-058313	OAM-NIM

BB: Network Infrastructure Management (OAM-NIM)



Unique_ID	Name	Acronym	WID	
35014	Network Infrastructure Management	OAM-NIM	SP-040789	
SA Tdoc#	Title	Type	WI	Doc for
SP-050286	CR 32303 CM Notification IRP CORBA SS	CR	OAM-NIM	Approval
SP-050287	Rel-6 TS 32.305-100 Notification IRP: XML Definitions - for SA Approval	TS	OAM-NIM	Approval
Spec	Title	Rel-5	Rel-6	Note
32.301	CM; Notification IRP Requirements	5.x.y	6.x.y	
32.302	CM; Notification IRP Information Service (IS)	5.x.y	6.x.y	
32.303	CM; Notification IRP CORBA SS	5.x.y	6.x.y	
32.304	CM; Notification IRP CMIP SS	5.x.y	6.x.y	
32.305	CM; Notification IRP: XML Definitions	n.a.	1.0.0	For approval Jun 2005

Doc-1st-Level	Spec_#	CR_#	R	Phase	Subject	Cat	Ver-Cur	Doc-2nd-Level	Workitem
SP-050286	32.303	0015	-	Rel-6	Add missing type for support of Structured Event non-filterable Name-Value pairs	F	6.3.0	S5-056364	OAM-NIM

BB: Network Infrastructure Management (OAM-NIM)



Unique_ID	Name	Acronym	WID	
35014	Network Infrastructure Management	OAM-NIM	SP-040789	
SA Tdoc#	Title	Type	WI	Doc for
SP-050288	CR 32313 Generic IRP management; CORBA SS	CR	OAM-NIM	Approval
Spec	Title	Rel-5	Rel-6	Note
32.311	Generic Integration Reference Point (IRP) management; Requirements	5.x.y	6.x.y	
32.312	Generic Integration Reference Point (IRP) management; Information Service (IS)	5.x.y	6.x.y	
32.313	Generic Integration Reference Point (IRP) management; CORBA SS	n.a.	6.x.y	
32.314	Generic Integration Reference Point (IRP) management; CMIP SS	n.a.	6.x.y	

Doc-1st-Level	Spec_#_	CR_#	R	Phase	Subject	Cat	Ver-Cur	Doc-2nd-Level	Workitem
SP-050288	32.313	0001	-	Rel-6	Correction of IDL syntax errors in GenericIRPManagement{ConstDefs	F	6.0.0	S5-056322	OAM-NIM

BB: Network Infrastructure Management (OAM-NIM)



Unique_ID	Name	Acronym	WID	
35014	Network Infrastructure Management	OAM-NIM	SP-040789	
SA Tdoc#	Title	Type	WI	Doc for
SP-050289	CR 32322 Test management RP Information Service	CR	OAM-NIM	Approval
Spec	Title	Rel-5	Rel-6	Note
32.321	Test management IRP Requirements	5.x.y	6.x.y	
32.322	Test management IRP Information Service (IS)	5.x.y	6.x.y	
32.323	Test management IRP CORBA SS	5.x.y	6.x.y	
32.324	Test management IRP CMIP SS	5.x.y	6.x.y	

Doc-1st-Level	Spec_#_	CR_#	R	Phase	Subject	Cat	Ver-Cur	Doc-2nd-Level	Workitem
SP-050289	32.322	0002	-	Rel-6	Apply Generic System Context	F	6.0.0	S5-056365	OAM-NIM

BB: Network Infrastructure Management (OAM-NIM)



Unique_ID	Name	Acronym	WID	
35014	Network Infrastructure Management	OAM-NIM	SP-040789	
	WT08: Log Management IRP			
SA Tdoc#	Title	Type	WI	Doc for
SP-050290	CR 32332 Notification Log IRP Information Service	CR	OAM-NIM	Approval
SP-050291	Rel-6 TS 32335-200 Notification Log IRP XML Definitions - for SA Approval	TS	OAM-NIM	Approval
Spec	Title	Rel-5	Rel-6	Note
32.331	Notification Log IRP Requirements	n.a.	6.x.y	
32.332	Notification Log IRP Information Service (IS)	n.a.	6.x.y	
32.333	Notification Log IRP CORBA SS	n.a.	6.x.y	
32.334	Notification Log IRP CMIP SS	n.a.	6.x.y	
32.335	Notification Log IRP XML definitions	n.a.	2.0.0	For approval Jun 2005

Doc-1st-Level	Spec_#	CR_#	R	Phase	Subject	Cat	Ver-Cur	Doc-2nd-Level	Workitem
SP-050290	32.332	0001	-	Rel-6	Correct mapping info of currentOccupancyLevel and some editorial errors	F	6.0.0	S5-056332	OAM-NIM

BB: Network Infrastructure Management (OAM-NIM)



Unique_ID	Name	Acronym	WID	
35014	Network Infrastructure Management	OAM-NIM	SP-040789	
	WT07: Generic File Transfer IRP			
SA Tdoc#	Title	Type	WI	Doc for
SP-050292	CR 32342 File Transfer IRP Information Service	CR	OAM-NIM	Approval
Spec	Title	Rel-5	Rel-6	Note
32.341	File Transfer (FT) IRP Requirements	n.a.	6.x.y	
32.342	File Transfer (FT) IRP Information Service (IS)	n.a.	6.x.y	
32.343	File Transfer (FT) IRP CORBA SS	n.a.	6.x.y	
32.344	File Transfer (FT) IRP CMIP SS	n.a.	6.x.y	

Doc-1st-Level	Spec_#	CR_#	R	Phase	Subject	Cat	Ver-Cur	Doc-2nd-Level	Workitem
SP-050292	32.342	0001	-	Rel-6	Apply Generic System Context	F	6.0.0	S5-056350	OAM-NIM

BB: Performance Management (OAM-PM)



Unique_ID	Name	Acronym	WID	
35012	Performance Management	OAM-PM	SP-040782	
SA Tdoc#	Title	Type	WI	Doc for
SP-050293	CR 32403 Performance Management / CR 32412-3 Performance Management IRP	CR	OAM-PM	Approval
Spec	Title	Rel-5	Rel-6	Note
32.401	Performance Management (PM); Concept and requirements	5.x.y	6.x.y	
52.402	Performance Management (PM); Performance measurements - GSM	5.x.y	6.x.y	
32.403	PM; Performance measurements - UMTS and combined UMTS/GSM	5.x.y	6.x.y	
32.411	Performance Management (PM) IRP Requirements	n.a.	6.x.y	
32.412	Performance Management (PM) IRP Information Service (IS)	n.a.	6.x.y	
32.413	Performance Management (PM) IRP CORBA SS	n.a.	6.x.y	
32.414	Performance Management (PM) IRP CMIP SS	n.a.	6.x.y	
32.432	Performance measurement collection IRP Information Service (IS)	n.a.	6.x.y	
32.435	Performance measurement: XML file format definition	n.a.	6.x.y	
32.436	Performance measurement: Abstract Syntax Notation 1 (ASN.1) file format definition	n.a.	6.x.y	

BB: Performance Management (OAM-PM)



Doc-1st-Level	Spec_# _	CR_#	R	Phase	Subject	Cat	Ver-Cur	Doc-2nd-Level	Workitem
SP-050293	32.403	0061	-	Rel-6	Correction of measurement type name to RAB.SuccRelPSNoQueuing	F	6.7.0	S5-058351	OAM-PM
SP-050293	32.403	0062	-	Rel-6	Add missing GSM SGSN measurements for subscribers state	F	6.7.0	S5-058386	OAM-PM
SP-050293	32.403	0063	-	Rel-6	Add missing SGSN measurements for GSM ciphering procedures	F	6.7.0	S5-058390	OAM-PM
SP-050293	32.403	0064	-	Rel-5	Correct inter-RAT handover measurement object class UtranRelation to GsmRelation	F	5.10.0	S5-058442	OAM-PM
SP-050293	32.403	0065	-	Rel-6	Correct inter-RAT handover measurement object class UtranRelation to GsmRelation	A	6.7.0	S5-058443	OAM-PM
SP-050293	32.403	0066	-	Rel-6	Add missing UMTS/GSM SGSN measurements for IMEI checking	F	6.7.0	S5-058445	OAM-PM
SP-050293	32.403	0067	-	Rel-6	Add missing UMTS/GSM SGSN measurements for failed PS paging procedures	F	6.7.0	S5-058446	OAM-PM
SP-050293	32.403	0068	-	Rel-6	Add missing GSM SGSN measurements for LLC protocol and SMDCP protocol	F	6.7.0	S5-058447	OAM-PM
SP-050293	32.403	0069	-	Rel-6	Add missing SGSN/GGSN measurements for max number of subscribers	F	6.7.0	S5-058448	OAM-PM
SP-050293	32.412	0011	-	Rel-6	Correct the matching information of monitorId attribute	F	6.4.0	S5-056373	OAM-PM
SP-050293	32.413	0008	-	Rel-6	Add missing IDL constants in PMIRPCConstDefs.idl	F	6.4.0	S5-056374	OAM-NIM

BB: Subscriber and Equipment Trace Management (OAM-Trace)



Unique_ID	Name	Acronym	WID	
35015	Trace Management	OAM-Trace	SP-040769	
SA Tdoc#	Title	Type	WI	Doc for
SP-050294	CR 32421-2-3 Subscriber and equipment trace	CR	OAM-Trace	Approval
Spec	Title	Rel-5	Rel-6	Note
32.421	Subscriber and equipment trace; Trace concepts and requirements	n.a.	6.x.y	
32.422	Subscriber and equipment trace; Trace control and Configuration Management (CM)	n.a.	6.x.y	
32.423	Subscriber and equipment trace; Trace data definition and management	n.a.	6.x.y	
52.008	GSM subscriber and equipment trace	n.a.	6.x.y	

Doc-1st-Level	Spec_#	CR_#	R	Phase	Subject	Cat	Ver-Cur	Doc-2nd-Level	Workitem
SP-050294	32.421	0010	-	Rel-6	BM-SC Network Element and Gmb interface addition for MBMS tracing	B	6.6.0	S5-058426	OAM-Trace
SP-050294	32.422	0007	-	Rel-6	Stage 2 modifications for MBMS tracing	B	6.2.0	S5-058427	OAM-Trace
SP-050294	32.422	0008	-	Rel-6	Management based activation of a Trace Session for MBMS	B	6.2.0	S5-058429	OAM-Trace
SP-050294	32.422	0009	-	Rel-6	Signalling based activation of a Trace Session for MBMS	B	6.2.0	S5-058430	OAM-Trace
SP-050294	32.422	0010	-	Rel-6	Management deactivation of a Trace Session for MBMS	B	6.2.0	S5-058431	OAM-Trace
SP-050294	32.422	0011	-	Rel-6	Signalling deactivation of a Trace Session for MBMS	B	6.2.0	S5-058432	OAM-Trace
SP-050294	32.422	0012	-	Rel-6	PS Domain Trace Recording Session starting mechanisms – Management Based	B	6.2.0	S5-058433	OAM-Trace
SP-050294	32.422	0013	-	Rel-6	PS Domain Trace Recording Session starting mechanisms – Signalling Based	B	6.2.0	S5-058434	OAM-Trace
SP-050294	32.422	0014	-	Rel-6	PS Domain Trace Recording Session stopping mechanisms – Management Based	B	6.2.0	S5-058435	OAM-Trace
SP-050294	32.422	0015	-	Rel-6	PS Domain Trace Recording Session stopping mechanisms – Signalling Based	B	6.2.0	S5-058436	OAM-Trace
SP-050294	32.422	0016	-	Rel-6	Correct figures titles	F	6.2.0	S5-058439	OAM-Trace
SP-050294	32.422	0017	-	Rel-6	Correcting Trace Session activation message names	F	6.2.0	S5-058438	OAM-Trace
SP-050294	32.423	0002	-	Rel-6	Stage 3 modifications for MBMS tracing	B	6.1.0	S5-058428	OAM-Trace

BB: Network Infrastructure Management (OAM-NIM)



Unique_ID	Name	Acronym	WID	
35014	Network Infrastructure Management	OAM-NIM	SP-040789	
SA Tdoc#	Title	Type	WI	Doc for
SP-050295	CR 32612-5 Bulk Configuration Management IRP Information Service / Bulk CM XML file format definition	CR	OAM-NIM	Approval
Spec	Title	Rel-5	Rel-6	Note
32.611	CM; Bulk CM IRP Requirements	5.x.y	6.x.y	
32.612	CM; Bulk CM IRP Information Service (IS)	5.x.y	6.x.y	
32.613	CM; Bulk CM IRP CORBA SS	5.x.y	6.x.y	
32.614	CM; Bulk CM IRP CMIP SS	5.x.y	6.x.y	
32.615	CM; Bulk CM IRP XML file format definition	5.x.y	6.x.y	

Doc-1st-Level	Spec__#_	CR__#	R	Phase	Subject	Cat	Ver-Cur	Doc-2nd-Level	Workitem
SP-050295	32.612	0016	-	Rel-5	Correction of ambiguous precondition statement related to fallback operation	F	5.3.1	S5-056371	OAM-NIM
SP-050295	32.612	0017	-	Rel-6	Correction of ambiguous precondition statement related to fallback operation	A	6.2.0	S5-056372	OAM-NIM
SP-050295	32.615	0021	-	Rel-5	Bulk CM SessionLog Schema correction for no error scenario	F	5.5.1	S5-058418	OAM-NIM
SP-050295	32.615	0022	-	Rel-6	Bulk CM SessionLog Schema correction for no error scenario	A	6.2.0	S5-058419	OAM-NIM
SP-050295	32.615	0023	-	Rel-6	Add Transport Network interface NRM IRP - Align with 32.612	F	6.2.0	S5-056363	OAM-NIM

BB: Network Infrastructure Management (OAM-NIM)



Unique_ID	Name	Acronym	WID	
35014	Network Infrastructure Management	OAM-NIM	SP-040789	
SA Tdoc#	Title	Type	WI	Doc for
SP-050296	CR 32623-5 Generic network resources IRP CORBA SS / Bulk CM XML - CR 32635 Core network resources IRP Bulk CM XML	CR	OAM-NIM	Approval
Spec	Title	Rel-5	Rel-6	Note
32.621	CM; Generic network resources IRP Requirements	5.x.y	6.x.y	
32.622	CM; Generic network resources IRP NRM	5.x.y	6.x.y	
32.623	CM; Generic network resources IRP CORBA SS	5.x.y	6.x.y	
32.624	CM; Generic network resources: IRP CMIP SS	5.x.y	6.x.y	
32.625	CM; Generic network resources IRP Bulk CM XML file format definition	5.x.y	6.x.y	

Doc-1st-Level	Spec__#_	CR__#	R	Phase	Subject	Cat	Ver-Cur	Doc-2nd-Level	Workitem
SP-050296	32.623	0016	-	Rel-6	Correction of IDL syntax error in GenericNetworkResourcesNRMDefs.idl	F	6.4.0	S5-058349	OAM-NIM
SP-050296	32.624	0022	-	Rel-6	Add Link Object Class to CMIP Solution Set - Align with IS in TS 43.622	F	6.1.0	S5-058422	OAM-NIM
SP-050296	32.625	0019	-	Rel-6	Remove the xxxIRPs from the Schema - Align with the IS in TS 32.622	F	6.4.0	S5-058357	OAM-NIM
SP-050296	32.625	0020	-	Rel-6	Correction of inappropriate XML type for a list of Distinguished Names	F	6.4.0	S5-058440	OAM-NIM
SP-050296	32.635	0014	-	Rel-6	Correction of XML definitions for IOCs MscServerFunction and SgsnFunction	F	6.2.0	S5-058350	OAM-NIM

BB: Network Infrastructure Management (OAM-NIM)



Unique_ID	Name	Acronym	WID	
35014	Network Infrastructure Management	OAM-NIM	SP-040789	
35023	OAM&P (inpacts from RET) WT RET: Remote Control of Electrical Tilting Antennas	RANimp-TiltAnt-OAM		
SA Tdoc#	Title	Type	WI	Doc for
SP-050297	CR 32643-4-5 UTRAN network resources IRP - 32804 RET antennas Requirements	CR	OAM-NIM	Approva I
Spec	Title	Rel-5	Rel-6	Note
32.641	CM; UTRAN network resources IRP Requirements	5.x.y	6.x.y	
32.642	CM; UTRAN network resources IRP NRM	5.x.y	6.x.y	
32.643	CM; UTRAN network resources IRP CORBA SS	5.x.y	6.x.y	
32.644	CM; UTRAN network resources IRP CMIP SS	5.x.y	6.x.y	
32.645	CM; UTRAN network resources IRP Bulk CM XML file format definition	5.x.y	6.x.y	
32.804	Control of Remote Electrical Tilting (RET) antennas; Requirements	n.a.	6.x.y	

Doc-1st-Level	Spec_#	CR_#	R	Phase	Subject	Cat	Ver-Cur	Doc-2nd-Level	Workitem
SP-050297	32.643	0024	-	Rel-6	Corrections to UTRAN CORBA SS for implementation	F	6.4.0	S5-056341	OAM-NIM
SP-050297	32.644	0017	-	Rel-6	Add ExternalRncFunction Object Class - Align with the IS in TS 32.622	F	6.1.0	S5-058423	OAM-NIM
SP-050297	32.645	0021	-	Rel-5	utranNrm Attribute Name Correction	F	5.6.0	S5-058420	OAM-NIM
SP-050297	32.645	0022	-	Rel-6	utranNrm Attribute Name Correction	A	6.3.0	S5-058421	OAM-NIM
SP-050297	32.645	0023	-	Rel-6	Corrections to XML schema definition	F	6.3.0	S5-058441	OAM-NIM
SP-050297	32.804	0002	-	Rel-6	Incorporation of agreed revisions from RAN3 review published in R3-041655	F	6.1.0	S5-058449	OAM-NIM

BB: Network Infrastructure Management (OAM-NIM)



Unique_ID	Name	Acronym	WID	
35014	Network Infrastructure Management	OAM-NIM	SP-040789	
SA Tdoc#	Title	Type	WI	Doc for
SP-050298	CR 32652 GERAN network resources IRP Network Resource Model	CR	OAM-NIM	Approval
Spec	Title	Rel-5	Rel-6	Note
32.651	CM; GERAN network resources IRP Requirements	5.x.y	6.x.y	
32.652	CM; GERAN network resources IRP NRM	5.x.y	6.x.y	
32.653	CM; GERAN network resources IRP CORBA SS	5.x.y	6.x.y	
32.654	CM; GERAN network resources IRP CMIP SS	5.x.y	6.x.y	
32.655	CM; GERAN network resources IRP Bulk CM XML file format definition	5.x.y	6.x.y	

Doc-1st-Level	Spec_#_	CR_#	R	Phase	Subject	Cat	Ver-Cur	Doc-2nd-Level	Workitem
SP-050298	32.652	0019	-	Rel-6	Correction of System Context and Compliance rules	F	6.0.0	S5-058255	OAM-NIM

BB: Network Infrastructure Management (OAM-NIM)



Unique_ID	Name	Acronym	WID	
35014	Network Infrastructure Management	OAM-NIM	SP-040789	
SA Tdoc#	Title	Type	WI	Doc for
SP-050299	CR 32662-3 Kernel CM IRP Information Service / CORBA SS	CR	OAM-NIM	Approval
Spec	Title	Rel-5	Rel-6	Note
32.661	CM; Kernel CM; Requirements	5.x.y	6.x.y	
32.662	CM; Kernel CM; Information service (IS)	5.x.y	6.x.y	
32.663	CM; Kernel CM IRP CORBA SS	5.x.y	6.x.y	
32.664	CM; Kernel CM IRP CMIP SS	5.x.y	6.x.y	

Doc-1st-Level	Spec_#	CR_#	R	Phase	Subject	Cat	Ver-Cur	Doc-2nd-Level	Workitem
SP-050299	32.662	0007	-	Rel-6	Apply Generic System Context	F	6.3.0	S5-056366	OAM-NIM
SP-050299	32.663	0013	-	Rel-6	Correct CORBA SS mapping of notification filterable/non-filterable IS parameters	F	6.4.0	S5-056367	OAM-NIM

BB: Network Infrastructure Management (OAM-NIM)



Unique_ID	Name	Acronym	WID	
35014	Network Infrastructure Management	OAM-NIM	SP-040789	
	WT10: State Management Enhancements (NRM)			
	WT10: State Mgmt Enhancement, Interface IRP part			
SA Tdoc#	Title	Type	WI	Doc for
SP-050300	CR 32672-3 State Management IRP CORBA SS	CR	OAM-NIM	Approval
Spec	Title	Rel-5	Rel-6	Note
32.671	CM; State Management IRP Requirements	5.x.y	6.x.y	
32.672	CM; State Management IRP Information Service (IS)	5.x.y	6.x.y	
32.673	CM; State Management IRP CORBA SS	5.x.y	6.x.y	
32.674	CM; State Management IRP CMIP SS	5.x.y	6.x.y	
32.675	CM; State Management IRP CMIP SS XML file format definition	n.a.	6.x.y	

Doc-1st-Level	Spec_#_	CR_#	R	Phase	Subject	Ca t	Ver-Cur	Doc-2nd-Level	Workitem
SP-050300	32.673	0006	-	Rel-5	Align AlarmStatus with the IS in TS 32.672	F	5.2.0	S5-058416	OAM-NIM
SP-050300	32.673	0007	-	Rel-6	Align AlarmStatus with the IS in TS 32.672	A	6.2.0	S5-058417	OAM-NIM

BB: Network Infrastructure Management (OAM-NIM)



Unique_ID	Name	Acronym	WID	
35014	Network Infrastructure Management	OAM-NIM	SP-040789	
	WT11: Inventory Management (NRM)			
	WT11: Inventory Mgmt, Interface IRP part			
SA Tdoc#	Title	Type	WI	Doc for
SP-050301	CR 32692 Inventory Management network resources IRP Network Resource Model	CR	OAM-NIM	Approval
Spec	Title	Rel-5	Rel-6	Note
32.690	Inventory Management (IM) IRP Requirements	n.a.	6.x.y	
32.691	Inventory Management (IM) network resources IRP Requirements	5.x.y	6.x.y	
32.692	Inventory Management (IM) network resources IRP NRM	5.x.y	6.x.y	
32.695	Inventory Management (IM) network resources IRP XML file format definition	n.a.	6.x.y	

Doc-1st-Level	Spec__#_	CR__#	R	Phase	Subject	Ca t	Ver-Cur	Doc-2nd-Level	Workitem
SP-050301	32.692	0002	-	Rel-6	Remove obsolete compliance text in 4.2	F	6.0.0	S5-058268	OAM-NIM

BB: Network Infrastructure Management (OAM-NIM)



Unique_ID	Name	Acronym	WID	
35041	Feature OAM&P (Operations, Administration, Maintenance & Provisioning)	OAM7	n.a.	
35042	BB Network Infrastructure Management	OAM7-NIM	n.a.	
SA Tdoc#	Title	Unique_ID	WI	Doc for
SP-050302	WID WT Enhance NRM to accommodate NGN (IMS as basis of the Next Generation Network)	35044	OAM7-NIM-NGN	Approval
SP-050303	WID WT IRP usage scenarios	35045	OAM7-NIM	Approval
SP-050304	WID WT Co-operative Element Management interface (CO-OP)	35046	OAM7-NIM-COOP	Approval
SP-050305	WID WT Network Management (NM) Itf-N performance criteria	35047	OAM7-NIM	Approval
SP-050306	WID WT Delta synchronization between IRP Manager and IRP Agent	35048	OAM7-NIM	Approval
SP-050307	WID WT Subscription Management (SuM) IRP Solution Sets	35049	OAM7-NIM-SuM	Approval
SP-050308	WID WT Integration Reference Point (IRP) Security Management	35050	OAM7-NIM	Approval
SP-050309	WID WT Integration Reference Point (IRP) Methodology	35051	OAM7-NIM	Approval
SP-050310	WID WT Partial suspension of Itf-N during maintenance/testing	35052	OAM7-NIM	Approval
SP-050311	WID WT Advanced Alarming on Itf-N	35053	OAM7-NIM	Approval
SP-050312	WID WT Management of Legacy Equipment	35054	OAM7-NIM	Approval
SP-050313	WID WT Rules for Vendor Specific Extensions	35055	OAM7-NIM	Approval
SP-050314	WID WT CN CS Bearer Transport Network (BTN) relative NRM	35056	OAM7-NIM	Approval
Spec	Title	Rel-6	Rel-7	Note
32.000-series		6.x.y		

BB: Performance Management (OAM-PM)



Unique_ID	Name	Acronym	WID	
35041	Feature OAM&P (Operations, Administration, Maintenance & Provisioning)	OAM7	n.a.	
35043	BB Performance Management	OAM7-PM	n.a.	
35039	BB Trace Management	OAM7-Trace	SP-050042	
SA Tdoc#	Title	Unique_ID	WI	Doc for
SP-050315	WID WT Performance measurements definition for CN CS	35057	OAM7-PM	Approval
SP-050316	WID WT Enhancement UTRAN performance measurements definition	35058	OAM7-PM	Approval
SP-050317	WID WT Add TDD specific counters in Performance measurement	35059	OAM7-PM	Approval
SP-050318	WID WT ATM bearer network Performance measurements	35060	OAM7-PM	Approval
SP-050319	WID WT IP bearer network Performance measurement definitions	35061	OAM7-PM	Approval
SP-050320	WID update BB Trace Management	35039	OAM7-Trace	Approval
Spec	Title	Rel-6	Rel-7	Note
32.400-series		6.x.y		

It's me !

***Intensive
physical
training for
SA5 Rel-7
OAM&P
and
Charging
work***



The End
See you next time !