

Third Generation Partnership Project (3GPP™)

DRAFT Meeting Report for 3GPP TSG SA WG5 meeting #57

Sophia Antipolis, FRANCE (Host: ETSI), 07/01/2008 to
11/01/2008

this draft: Thursday, (2008-02-07) 10:13 [date/time according to secretary's PC time zone setting]

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0 Start

SA5 Chairman: Christian TOCHE (Huawei / CCSA)
SA5 Vice-Chairman: Istvan ABA (T-Mobile / ETSI)
SA5 Vice-Chairman: Thomas TOVINGER (Ericsson / ETSI)
Project Manager: Adrian ZOICAS (ETSI, Mobile Competence Centre)
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Server: http://www.3gpp.org/ftp/TSG_SA/WG5_TM ftp://ftp.3gpp.org/TSG_SA/WG5_TM

Statistics of this meeting:

- 37 participants
- 275 contributions
- 19 incoming liaison statements
- 6 outgoing liaison statements (w/o LS_out under email check)

Note: The sequence in which the different topics appear in this report is related to the agenda of the meeting. However, the Tdocs do not necessarily appear in the sequence as they were treated in the meeting.

1 Opening of the meeting

Christian TOCHE (Huawei), SA5 Chairman, has chaired the SA5 plenary meeting.

Shuqiang HUANG (ZTE) has chaired the SA5 SWG OAM.

Patrik TEPPON (Ericsson) has chaired the SA5 SWG CH (charging)

The list of participants can be found in Annex.

Those delegates with an ETSI On-Line (EOL) account (file server username and password) can obtain the full/updated contact information for any delegate by going to the URL for the delegates' database at:
<http://webapp.etsi.org/teldir/TelDirectory.asp>

They are also able to update their own information (new address / tel. / fax / email etc.) by using the URL:
<http://webapp.etsi.org/teldir/PersonalInfo.asp>

2 Approval of the agenda and registration of new documents

S5-080001 Agenda

Source: WG Chairman

Decision:

The document was **approved**.

3 IPR Declarations

The attention of the members of this Working Group is drawn to the fact that 3GPP Individual Members have the obligation under the IPR Policies of their respective Organizational Partners to inform their respective Organizational Partners of Essential IPRs they become aware of.

The members take note that they are hereby invited:

- to investigate in their company whether their company does own IPRs which are, or are likely to become Essential in respect of the work of the Technical Specification Group.
- to notify the Director-General, or the Chairman of their respective Organizational Partners, of all potential IPRs that their company may own, by means of the IPR Statement and the Licensing declaration forms (e.g. see the ETSI IPR forms <http://webapp.etsi.org/Ipr/>).

4 Meetings and activities reports

4.1 Last SA5 meeting report

S5-080002 Report of the last SA5 meeting
Source: MCC

Discussion:

Wrong Word document included.

Decision:

The document was **withdrawn**.

S5-080235 Report of the last SA5 meeting
Source: MCC

Discussion:

Approved without change.

Decision:

The document was **approved**.

4.2 Last SA meeting report

S5-080003 SA5 status report at the last SA meeting
Source: WG Chairman

Discussion:

Summary of SA5 results at TSG SA#38 in Cancun, Mexico, December 3-6, 2007, hosted by NAF.

All SA5 documents submitted to SA#38 have been approved (49).

CRs (40)

3 Rel-6 OAM CRs + 3 Rel-7 mirror OAM CRs were approved by SA

12 Rel-7 OAM CRs + 3 Rel-8 mirrors OAM CRs were approved by SA

12 Rel-8 OAM CRs were approved by SA

7 Rel-8 Charging CRs were approved by SA

Note: In SP-070747 "Rel-8 CRs on UID 360003 SMS online charging (CH8) Small enhancements", the CR on 32.299 was withdrawn by the SA5 chairman in consultation with SWG CH leaders and revised in SP-070925. SP-070925 was then presented as a company contribution (Vodafone) and approved.

WIDs (7)

2 new OAM WIs were approved by SA:

- SP-070737 New WID on EPC NRM IRP
- SP-070738 New WID on E-UTRAN NRM IRP

1 updated OAM WI was approved by SA:

- SP-070835 Updated WID on HSUPA performance measurements CS Bearer Transport NRM

4 new Charging WIs were approved by SA:

- SP-070736 New WID on EPC Charging
- SP-070739 New WID on Advice of Charge (AoC) support in IMS Charging
- SP-070749 New WID on Multimedia Telephony Service and Supplementary Services (MMTel) Charging
- SP-070750 New WID on WLAN Offline Charging

TSs (1)

1 Rel-8 TS for approval was approved by SA:

- SP-070748 R8 TS 32.274 v200 Charging management; SMS charging

TRs (1)

1 Rel-8 TR for approval was approved by SA:

- SP-070751 R8 TR 32.820 v200 Study on Charging management; 3GPP Evolved Packet Core (EPC): Charging aspects

All documents are available at: http://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_38/

The SA5 presentation to SA#38 can be found at: http://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_38/Docs/SP-070729.zip

TSG SA Chairman's Summary of SA#38 on decisions

It serves to highlight key agreements reached during the meeting and forms the basis of the summary of the SA meeting on the 3GPP web site. Not included the specific guidance to the SA WGs as the WG chairs and MCC provide that guidance to the WGs.

Rel 8 stage 1 specifications were frozen with several exceptions. The stage 1 work related to EPS is considered complete. The following exceptions were granted until SA#39:

Common IMS - inclusion of 3GPP2 requirements

TEI CRs Postponed at last SA1#38

Services Alignment and Migration

Value Added Services for Short Message Service

Earthquake and Tsunami Warning system

IMS Centralized Service Control

eData Requirements

Service and Capability for Core IMS - inclusion of TISPAN requirements

Requirements for Home (e)Node B

Requirements for IP Interconnection of Services

Charging for two phase services

Storage and Easy Access of "In Case of Emergency" numbers on USIM

Customized Ringing Signal

Network Selection for Non 3GPP access

OSA Rel 8 Requirements

Furthermore, it was agreed that the tentative target for the Rel 8 stage 2 freeze is June 2008 (to be confirmed by SA2).

The two key architectural specifications for EPS (23.401 and 23.402) were approved.

At the previous plenary (SA#37), a target date for Rel 8 and an essential set of contents were agreed. Many EPS functions were not classified as essential but are nevertheless important for some deployment scenarios. It became clear that not all this functionality could be included in Rel 8 and priorities needed to be established. After considerable discussion with heavy operator involvement a set of priorities and guidance for SA2 was developed. These priorities and guidance can be found in SP-070945.

A key controversial issue within EPS was optimized handover for WiMax. A compromise was reached that should allow progress. The compromise is documented in SP-070943.

It was also agreed that for the Rel 8 timeframe, the CS Fallback approach currently documented in the CS over EPS study will receive priority as the mechanism for providing voice services when IMS based voice services are not deployed.

Work related to common IMS continues. WIDs were approved for the transfer of TISPAN stage 2 work. Several TISPAN stage 1 and 2 specifications were approved and immediately frozen. Work was also begun on studying impacts of the Gq' and Rx interface integration. 3GPP will also now normatively specify the TISPAN authentication methods.

A workshop was endorsed for January 24-25 to initiate the transfer of common IMS work from 3GPP2.

The following new TSs were approved: TS 23.401 GPRS Enhancements for E-UTRAN Access (SP-070828), TS 23.402 Architectural Enhancements for non-3GPP Accesses (SP-070829), TS 32.274 Charging Management – SMS Charging (SP-070748), Common IMS transfer of stable TISPAN Specifications into TS 22.273 (SP-070894), TS 23.406 and TS 23.506 (SP-070935), TS 23.507 (SP-070936), TS 23.417 and TS 23.517 (SP-070937), TS 23.508 (SP-070938), TS 23.509 (SP-070939), TS 23.511 (SP-070940), TS 23.521 (SP-070941)

The following new TRs were approved: TR 22.812 Study into Network Selection Requirements for non-3GPP Access (SP-070868), TR 22.937 Requirements for Service Continuity between Mobile and WLAN Networks (SP-070869), TR 23.847 Study on Enhancements to IMS Service Functionalities Facilitating Multicast Bearer Services (SP-070830), TR 26.967 eCall Data Transfer – Inband Modem Solution (SP-070754), TR 33.820 Study on Charging Management for EPC (SP-070751),

Several new work items (WIDs) were approved: Requirements for IP Interconnect (SP-070871), Charging for two-Phase Services (SP-070872), Network Selection for non-3GPP Accesses (SP-070874), CS Customized Ringing Signal (SP-070875), Public Warning System Requirements (SP-070876), Storage and Easy Access of In Case of Emergency Numbers on USIM (SP-070944), Requirements for Home (e)NodeB (SP-070952), GPRS and EPS Support for IMS Emergency Calls (SP-070820), Harmonization of Gq'/Rx for Common IMS (SP-070822), Transfer of TISPAN R1 and R2 documents (SP-070823, SP-070915, SP-070916), Single Radio VCC (SP-070949), MTSI Video: Dynamic Rate Adaptation/Signalling of Image Size (SP-070755), eCall Data Transfer Phase 2: Comparison and Selection of an in-band Modem Solution (SP-070756), Extending PSS and MBMS User Services for Optimized Mobile TV (SP-070757), EPC Charging (SP-070736), EPC NRM IRP (SP-070737), E-UTRAN NRM IRP (SP-070738), Advice of Charge Support in IMS Charging (SP-070739), MMTel Charging (SP-070749), WLAN Offline Charging (SP-070750)

Several WIDs were updated: TISPAN Customized Multimedia Information – TISPAN CAT requirements incorporated (SP-070880), Enhancements for VGCS Applications – Cleanup of Service Aspects (SP-070904), Support of Service Level Interworking and Messaging Services – Updated documentation structure and expected dates (SP-070816), Earthquake and Tsunami Warning System – Added SA2 aspects (SP-070815), IMS Centralized Services – Added SA2 aspects (SP-070924), SAES – Reflect WiMax optimized handover compromise and updated dates (SP-070933), HUSPA Performance Measurements for CS Bearer Transport URM – Added TDD aspects (SP-070835).

Several new study items (SIDs) were approved: Study of Advanced Requirements for IP Interconnect (SP-070878), Home Study of Architecture for IMS Based Customized Alerting Tone (SP-070905), Evolution of LCS Solutions for EPS (SP-070819), System Enhancements for the Use of IMS Services in Local Breakout and Optimal Routing of Media (SP-070838), UTRAN Key Management Enhancements (SP-070782), Home (e)NodeB Security (SP-070783).

One SIDs was updated: Multimedia Session Continuity – Clarification of Objectives (SP-070818).

Decision:

[The document was **noted**.](#)

4.3 LS status overview

S5-080004 Liaison Statement Status BEFORE this meeting

Source: WG Vice Chairman

Decision:

[The document was **noted**.](#)

S5-080005 Liaison Statement Status AFTER this meeting

Source: WG Vice Chairman

S5-080030 LS_in from 3GPP2 copy SA5 on Codecs and Common IMS

Source: 3GPP2

Abstract:

The selection of codecs within 3GPP2 is the responsibility of TSG-C. TSG-C appreciates the work 3GPP SA has done regarding default codecs for Common IMS. TSG-C supports the spirit of collaboration of your liaison. At this time, however, TSG-C is not aware of the details of this effort. We would like to verify our understanding of the liaison and determine how 3GPP2 TSG-C might interact with 3GPP SA for this work in the future. It is our understanding that the statement, "Codecs are NOT part of Common IMS," and the subsequent text, as you explained, indicates that no default codecs will be considered for existing applications. Furthermore, 3GPP will not take responsibility for selecting or listing codecs for any of these existing applications. This responsibility will be left to the appropriate SDO. For new Common IMS applications, the liaison states that 3GPP SA1 will determine, taking into account all industry segments, if a default codec should be specified. Within 3GPP2, TSG-S is responsible for determining if a default codec should be considered. Will SA1 request input from the responsible parties in each market segment, including 3GPP2 TSG-S, when determining if a default codec should be specified. If it is determined that a default codec is appropriate for a new Common IMS application, will 3GPP SA request input from entities such as 3GPP2 TSG-S to determine the requirements for the default codec? How will 3GPP SA ensure that all of the stakeholders provide input for this process as stated in the liaison? In those cases where, "SA1 shall ensure that service requirements are in place such that IMS applications can inter-work even when no common end to end codec can be negotiated," TSG-C welcomes the opportunity to provide feedback and support to achieve this goal. The liaison states 3GPP SA4 will select codecs based upon the SA1 service requirements [based on input of all stakeholders] and more detailed requirements developed in SA4. TSG-C WG1 has the responsibility to select codecs within 3GPP2. How will 3GPP2 TSG-C WG1 participate in the activities of SA4? TSG-C looks forward to your response and to supporting the industry's efforts to develop and evolve a common IMS.

Decision:

[The document was **noted \(no reply needed\)**.](#)

4.4 Inter-organizational communication reports

S5-080063 Minutes of 5 Dec 2007 conference call on 3GPP/3GPP2 coordination for IMS NRM changes

Source: WG Chairman

Abstract:

ALU Randy Scheer (3GPP2) explained that SA5 must expect 3GPP specific and 3GPP2 specific attributes in the IMS classes, and then the question is how to deal with that also considered that 3GPP2 use the already "baselined/closed" version of the release of the 3GPP specification.

It was discussed that also 3GPP2 will be using Common IMS in near future and then a question is how to deal with support of 3GPP2 specific interfaces. A comparison was done with TISPAN. Before Common IMS, TISPAN WG8 has endorsed the parts of the 3GPP IMS NRM that are applicable for the TISPAN network and are the same from a management perspective. TISPAN WG8 has had the opportunity to propose changes to 3GPP SA5. After Common IMS, TISPAN WG8 leaves the specification of the IMS model entirely to 3GPP SA5. The Common IMS will include interfaces to TISPAN specific entities.

According to the Common IMS principle, 3GPP SA5 and 3GPP2 TSG-S WG5 would share a common IMS object model specified in 3GPP. Specific 3GPP and 3GPP2 IMS objects should be defined respectively by 3GPP and 3GPP2 in separate specifications. In this context, any change on Common IMS should be made via CRs to 3GPP and this would not be needed to wait until 3GPP specs are closed to make changes required by 3GPP2. A 3GPP/3GPP2 Common IMS Workshop is planned January 24-25 and inputs are expected for OAM aspects to clarify possible impacts.

Until we have a clear split for IMS, it was reminded that changes required by 3GPP2 should be submitted to 3GPP by CRs presented by common companies. This also applies to any changes on other SA5 specs than IMS.

Action Items:

- 1 – Randy to provide a description of current 3GPP2 TSG-S WG5 activities (Done)
- 2 - 3GPP2 TSG-S WG5 to study whether there is anything to transfer to 3GPP in the Common IMS area and provide a recommendation for January workshop (ongoing).

Discussion:

Action 1: Done immediately after the conf call.

Action 2: Ongoing

Decision:

[The document was noted.](#)

S5-080219 Agenda and logistics info for February NGNMFG f2f meeting

Source: NGNMFG Chair

Abstract:

NGNMFG face-to-face meeting 5-8 February 2008 hosted by the ITU in Geneva will have the following agenda:

- 5-6 February: NGN Management Specification Roadmap restructuring based on NGNMFG-ID-300
- 7-8 February: Joint meeting with Q 8/4 on NGN Management Requirements Analysis and Traceability

The logistics for the meeting are as follows:

- NGNMFG contributions should be sent as usual to Leen Mak for uploading to the NGNMFG web/ftp site.
- NGNMFG participants need to register using the attached ITU form as it is necessary to create an ITU-T badge for each person in advance.

Note the form may be faxed or sent by email to the ITU. Your response is requested ASAP to allow us to make the proper room arrangements.

- The ITU has an arrangement for preferential rates with many Geneva hotels which are listed at the following URL:

Discussion:

SA5 Chair informed that he will not attend the meeting.

Interested SA5 members were invited to attend the meeting and provide feedback to SA5.

ACTION: Interested SA5 members were invited to attend the February NGNMFG f2f meeting and provide feedback to SA5.
(action on: All / due by: 2008-02-10)

Decision:

The document was noted.

S5-080220 3GPP/3GPP2 Common IMS Workshop agenda, logistics, and info
Source: SA Chair

Discussion:

SA5 should provide contribution(s) for the Workshop under: 4.4 Contributions destined for SA5 (O&M and Charging).

ACTION: SA5 should provide contribution(s) for the January 3GPP/3GPP2 Workshop under: 4.4 Contributions destined for SA5 (O&M and Charging)
(action on: All / due by: 2008-02-10)

Decision:

The document was noted.

4.5 Other reports

No contribution to this meeting

5 Cross-SWG issues at SA5 level

5.1 Administrative issues at SA5 level

S5-080006 SA5 Structure and Meeting Facility Requirements
Source: WG Vice Chairman

Discussion:

postponed to next meeting

Decision:

The document was withdrawn.

S5-080007 Draft TS/TR Management Process
Source: WG Vice Chairman

Discussion:

Update in line with comment made.

Decision:

The document was revised to S5-080250.

S5-080250 Draft TS/TR Management Process
Source: WG Vice Chairman

(Replaces S5-080007)

Discussion:

All and especially the Rapporteurs should apply to all draft TS/TR from now on this SA5 rules (going beyond the 3GPP Drafting Rules in TS 21801).

All comments on possible problems to apply this process,
and improvement suggestions are welcome

ACTION: All invited to make comments/proposals for the Draft TS/TR Management Process
(coordinator: SA5 Vice Chair Thomas)
(action on: All / due by: 2008-02-10)

Decision:

The document was noted.

5.2 Meeting Calendar

S5-080008 SA5 Meeting Calendar
Source: WG Chairman

Discussion:

All to provide to the SA5 Chair their constrains for the 2009 meeting calendar.

ACTION: All to provide to the SA5 Chair their constrains for the 2009 meeting calendar
(action on: All / due by: 2008-02-10)

Decision:

The document was noted.

5.3 Technical issues at SA5 level

S5-080026 CR quality check process
Source: WG Chairman

Decision:

The document was approved.

S5-080028 List of R8 Feature-level WI for SA5 WID preparations based on SA#38 Agenda
Source: MCC

Discussion:

MCC: Contributions (WID, TS/TR, CR) should use the proper Work Item Acronyms as defined in the 3GPP Work Plan (see Excel version if you do not have MS Project on your PC). The Feature-level Acronyms can be found also in the SA Agenda. In case of doubt, please contact MCC.

Decision:

The document was noted.

S5-080213 Guidelines for creation and revision of CRs
Source: MCC

Decision:

The document was **noted**.

S5-080222 Core IMS Specifications transferred from ETSI TISPAN to 3GPP
Source: MCC

Decision:

The document was **noted**.

S5-080234 Migration of ETSI TISPAN core IMS specs to 3GPP
Source: MCC

Decision:

The document was **noted**.

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

OAM SWG Chair Shuqiang HUANG (ZTE)

OAM SWG Vice Chair Min LOU (Nortel)

6.0 OAM Plenary

S5-080011 OAM Time Plan
Source: OAM Chair

Decision:

The document was **approved**.

S5-080012 OAM Detailed Report from LAST Meeting
Source: OAM Chair

Decision:

The document was **revised to S5-080200**.

S5-080200 OAM Detailed Report from LAST Meeting
Source: OAM Chair

(Replaces S5-080012)

Decision:

The document was **approved**.

S5-080013 OAM Action Item Register (from previous meetings, LSs, Conference Calls)
Source: OAM Vice Chair

Abstract:

SA5 Chair will make the 1st draft ASAP preferable during this meeting.

Decision:

The document was **open**.

S5-080014 OAM Executive Report from THIS Meeting

Source: OAM Chair

Discussion:

CR S5-080212: MCC to change CR category from B to C.

CR S5-080216 updated to S5-080252.

CR S5-080217 updated to S5-080253.

CR S5-080218 withdrawn.

OAM Chair to allocate for the LTE/EPC/EUTRAN/SON WIs much more time / a complete day at the very beginning (Monday) from the next meeting.

ACTION: OAM Chair to allocate for the LTE/EPC/EUTRAN/SON WIs much more time/ a complete day at the very beginning (Monday) from the next meeting (action on: OAM Chair / due by: 2008-02-10)

Decision:

The document was **noted**.

S5-080015 OAM Detailed Report from THIS Meeting

Source: OAM Vice Chair

Decision:

The document was **noted**.

S5-080021 Resubmitted SA5#56: S5-071728 LS_in from ITU-T SG4 on Collaboration for developing Rec. M.sms - Security management systems functional requirements

Source: ITU-T SG4 LS 116r1

Abstract:

Source: ITU-T SG4 (Q11/4) Title: Collaboration for developing Rec. M.sms - Security management systems functional requirements LIAISON STATEMENT To: SG 17, TM Forum, ETSI TISPAN WG8, ATIS TMOC, 3GPP SA5, 3GPP2 TSG-S WG5, DMTF, NGNMFGE Approval: ITU-T SG4 For: Action Deadline: January 1, 2008 Based on input from ATIS TMOC, ITU-T SG 4 has initiated work to produce requirements for Security Management Systems.

Now, the draft Recommendation is available for you (see attached Draft Recommendation M.sms – Security management systems functional requirement).

To support this activity, input from your organization is welcome via liaison and members of your organization are invited to participate.

This work is meant to complement the M.3016 series on Security for the Management Plane with which many of you are familiar.

The contents and organization of this work will have similarities to the M.3016 series as well:

- As they are meant for global application, the SMS requirements will be accompanied by a proforma to allow each user, whether SDO, forum, or company, to designate each requirement as mandatory or optional.

- To make it easier to participate, this work is being addressed in virtual meetings, normally 2 hour conference calls.

The next conference is now scheduled in mid or end of October 2007.

Further information on this activity may be obtained by contacting the Acting Q 11/4 Rapporteur above.

Action 56-6.0: SA5 Chair to co-ordinate with ITU-T

Discussion:

SA5 has shown no interest for doing this work. SA5 Chair to diplomatically inform ITU-T. This LS is closed.

Decision:

The document was closed.

S5-080027 LS_in from TISPAN to TMF mTOP and 3GPP SA5 regarding joint activities in Service Management and Subscription Management

Source: TISPAN (15bTD431r2)

Abstract:

In the joint meeting on May 17th between the TMF mTOP team and TISPAN WG8, both groups respectively presented their activities in Service Activation and in Subscription Management.

They agreed they would benefit from comparisons and joint activities on Service / Subscription Management.

On the same topic, Alcatel Lucent presented a contribution to mTOP and then to TISPAN WG8 (14t_8TD0034) dealing on the relationship between the services, subscribers, and users as addressed by 3GPP, TISPAN and mTOP, and highlighting their differences. In the joint meeting on May 14th between 3GPP SA5 and TISPAN WG8, both groups addressed Subscription Management topic.

Subsequently, TISPAN has reused the 3GPP SuM Network Resource Model to define the TISPAN SuM Information Model.

From this initial work, TISPAN WG8 has identified a number of topics that would justify a joint activity with the TMF mTOP team and with 3GPP SA5:

- to assess the concepts of subscriber, subscription, users and related service data in the overall service model
- to agree on common terminology
- to evaluate integration/ extension of subscriber /user based info models within the SID. WG8 asks both the TMF mTOP team and 3GPP SA5 to indicate if they share the principle of such joint activities and the topics on which they should apply.

Moreover, TISPAN WG8 proposes to the TMF mTOP team to initiate a joint activity to explore possible synergies on the subject of converging MTOSI Service Activation Interface (SAI) with TISPAN Service Configuration and Activation (SCA) NOSIs. mTOP Resource Management may also benefit from the work done on the TISPAN Resource Provisioning (RP) NOSIs.

The next TISPAN WG8 is on 3-7 March 2008.

Action requested : to consider and answer the TISPAN WG8 proposals.

Discussion:

Ericsson: SA1 needs to be involved if definitions of Subscriber, Subscription etc. need to be harmonized.

SA5 has currently no WID on Subscription Management. Provide in reply the current SA5 status.

T-Mobile: support for having common definitions on User, End-User, User Data Requirements needed by a service, Subscriber etc. between the addressed bodies (incl. OMA) and also harmonized inside 3GPP. The model is very operator-specific. SA5 has paved the way with the CPS Study and harmonization is needed.

Draft an LS_reply Thomas, Istvan, YangLi.

Decision:

The document was **replied in S5-080203**.

S5-080203 LS_out reply to TISPAN, TMF mTOP, OMA, SA1 regarding joint activities in Service Management and Subscription Management

Source: Thomas

(Replaces S5-080027)

Discussion:

LS distribution list: Add SA1 in copy; do not add OMA.

Update in line with comments made.

Decision:

The document was **revised to S5-080251**.

S5-080223 LS_in from TMF copy SA5 regarding joint activities in Service Management and Subscription Management (reply to S5-080027 TISPAN (15bTD431r2))

Source: TMF

Discussion:

LS has arrived during the meeting.

There was no time in SWG to deal with it.

Postponed to next meeting

Decision:

The document was **postponed to next meeting**.

S5-080251 LS_out reply to TISPAN, TMF mTOP (copy SA1) on joint activities in Service Management and Subscription Management (Reply to S5-080027)

Source: SA5 (Thomas)

(Replaces S5-080203)

Decision:

The document was **approved**.

S5-080040 LS_in from ETSI TISPAN WG8 to 3GPP SA5 on SuM model

Source: TISPAN8 (15t_WG8TD024)

Abstract:

Introduction In the course of the work on the specification of the TISPAN SuM information model, TISPAN WG8 has encountered some issues regarding the specification of some IOCs and their attributes that also concern the 3GPP NRM SuM IS, which we ask 3GPP SA5 to consider. This liaison statement also address Services supported by Application servers

Requested Actions For each of the following items, TISPAN WG8 kindly asks 3GPP to consider the action described in the text addressing the item.

- 1) IMS classes and attributes
 - i) Initial filter criteria is defined in TS 23.008 to contain Application Server Address, AS priority, Default Handling, Subscribed Media, Trigger Points and Optional Service Information. It is depicted as a complex information structure in the informative Annex B of TS 29.228. We ask 3GPP SA5 to consider modelling this information differently than as an attribute of IMSServiceProfile,

for example as a class or a structure of classes. We note that the XML definition (TS 32.175) defines this attribute without specifying the type, which leaves a possible complex structure of this attribute non-standardized. ii) Implicitly Registered Public User Identity Sets (TS 23.008) is currently not modelled and we ask 3GPP SA5 to consider modelling this information in the 3GPP SuM NRM. iii) Services related to Unregistered State (TS 23.008) is currently not modelled and we ask 3GPP SA5 to consider modelling this information in the 3GPP SuM NRM. iv) Currently, one TISPAN specific extension is the Shared iFC Set Identifier (TS 23.008), which is introduced in the TISPAN SuM IM by creating NgnIMSServiceProfile as a sub-class of IMSServiceProfile and adding an attribute for this information. We ask 3GPP SA5 to consider modelling this information in the 3GPP SuM NRM. v) The attributes contained in the IMSServiceProfile IOC and that are related to GAA (3GPP Generic Authentication Architecture) are not IMS Specific. Therefore, we ask 3GPP SA5 to consider modelling this information outside of IMSServiceProfile in the 3GPP SuM NRM. 2) IMS based application layer services / supplementary services The TISPAN SuM information model specification lists the following issue to be addressed to 3GPP SA5: "Lack of a Description or Indication of Supplementary Services associated to an IMS or NGN Service for specific subscriber and subscription. For example: Call Forwarding Service, CRBT" Furthermore, TISPAN as well as 3GPP are specifying IMS based Application Servers in their respective network architectures. These Application Servers will handle user data that should be managed within SuM and described in SuM specifications. Currently, one of the specific parts that TISPAN WG8 has introduced to answer the above points is the ApplicationServiceProfile class, which is a sub-class of SuMServiceProfile. Another TISPAN specific part is the UserServiceInstance class which is contained by IMSServiceProfile and ApplicationServiceProfile. We ask 3GPP SA5 to consider the introduction of the above classes in the 3GPP SuM NRM, in particular for IMS based Supplementary Services.

Discussion:

Draft an LS_reply Thomas, Istvan, YangLi.

Decision:

The document was **replied in S5-080204**.

S5-080204 LS_out reply to TISPAN on SuM model (Reply to S5-080040)

Source: SA5 (Thomas)

(Replaces S5-080040)

Decision:

The document was **approved**.

6.1 OAM Maintenance and Rel-8 small Enhancements

S5-080022 Resubmitted SA5#51: S5-071719 LS_in from 3GPP2 to 3GPP SA5 on OAM&P Topics

Source: 3GPP2

Abstract:

Replied from SA5#53 in S5 071034.

Item 1: China Mobile CR provided at SA5#55 but not agreed. New CRs for SA5#56 meeting.

Item 2: Received a set of CRs from 3GPP2 with the LS in S5-070439. Closed.

Item 3: SA5 disagrees with the proposal as no solution could be found that solves the problem. This item is closed.

Item 4: Noted

Item 5: SA5 agrees with the proposal. Similar guidelines exist in 32.404. This item is closed.

Item 6: Link model for PM to be further discussed. Ongoing.

Item 7: Ongoing. Email discussion done after SA5#53. ZTE to re-submit corresponding CR to SA5#56. ZTE to confirm status.

Item 8: One CR was approved at SA5#52 in S5 070488 (WI IRP Methodology). Other issues ongoing. No change at SA5#55 / SA5#56.

Item 9: Action China Mobile. No progress at SA5#55. OAM SWG Chair to check progress after SA5#56.

Item 10: SA5 has agreed to keep the date type for interoperability reasons. This item is closed.

LS Status: Ongoing

Discussion:

Item 1: China Mobile: One CR approved at #56 in GZ. One CR submitted to #57.

Item 6: Link model for PM to be further discussed. Ongoing.

Item 8: Closed. Contribution invited. No need to track anymore.

Item 9: China Mobile: CR provided at #57.

Conclusion: Close the LS and reply to 3GPP2 based on the CRs approval at the end of #57.

Decision:

The document was **replied in S5-080205**.

S5-080205 LS_out reply to 3GPP2 on OAM&P Topics (reply to S5-080022)

Source: Christian

(Replaces S5-080022)

Decision:

The document was **revised to S5-080245**.

S5-080245 LS_out reply to 3GPP2 on OAM&P Topics (Reply to S5-080022)

Source: SA5 (Christian)

(Replaces S5-080205)

Decision:

The document was **approved**.

S5-080025 LS_in from 3GPP2 to SA5 on A Number Of 3GPP SA5 R7 Items

Source: 3GPP2

Abstract:

1. Duplicate Notification Log XSD Identifiers Both R7 3GPP TS 32.385 3GPP Partial Suspension of Itf-N Notification Log and 3GPP TS 32.415 3GPP Performance Measurement Notification Log use the same xmlns references, xp.

These xmlns references need to be different, otherwise a particular notification log cannot contain notifications from both of those IRPs and reference them using the official xmlns reference.

2. UTRAN XSD Is Not Well Formed While the UTRAN, GERAN and Repeater XSD file format definitions are not supported in 3GPP2 TSGS WG5, they are required because they are included in the R7 3GPP TS 32.615 configData.xsd.

The R7 3GPP TS 32.645 UTRAN XSD document, utranNrm.xsd, is currently not well formed in R7 and this prevents 3GPP2 TSG-S WG5 from validating our XSD documents.

Since the UTRAN XSD is used by the GERAN and Repeater XSD documents, they also are not well formed. Please confirm by liaison when the R7 UTRAN XSD documents are available on your archive subdirectory web site (<http://www.3gpp.org/ftp/specs/archive/>) with well formed XSD documents.

3. Use Of Secure ftp For Performance File Transfers In R7 3GPP TS 32.401 chapter 5.5.2, secure ftp (sftp) is not listed as a supported file transfer protocol. 3GPP2 TSG-S WG5 believes that secure ftp needs to be supported, as described in R7 3GPP TS 32.101.

Discussion:

Item 1: NSN provide CR for #58.

Item 2: ALU to provide a way forward for #58.

Item 3: ALU to provide a way forward for #58. Huawei: Confirms that secure FTP (sftp) is optional.

LS is ongoing

Decision:

The document was **ongoing**.

S5-080051 R7 CR 32.735 Add missing inherited attributes of CamelImSsfAsFunction and SipAsFunction - Align with TS 32.732 Information Service

Source: Ericsson

Decision:

The document was **approved**.

S5-080079 R7 CR 32.422 Standardize the "rncId" and "cId" as the identification for the trace target in case of cell traffic trace

Source: Huawei

Abstract:

MCC changed CR cover

Discussion:

Ericsson: Make the CR text release independent (replace "UTRAN cell" by cell so it will apply also in Rel-8 E-URTAN)

Decision:

The document was **revised to S5-080206**.

S5-080206 R7 CR 32.422 Standardize the "rncId" and "cId" as the identification for the trace target in case of cell traffic trace

Source: Huawei

(Replaces S5-080079)

Decision:

The document was **approved**.

S5-080086 IRP definition CR 32.150-720

Source: Ericsson

Decision:

The document was revised to S5-080207.

S5-080207 IRP definition CR 32150-720

Source: Ericsson

(Replaces S5-080086)

Decision:

The document was approved.

S5-080087 IRP definition CR 32.150-800

Source: Ericsson

Decision:

The document was revised to S5-080208.

S5-080208 IRP definition CR 32150-800

Source: Ericsson

(Replaces S5-080087)

Decision:

The document was approved.

S5-080090 E CR 32.643-680 re timeSlot

Source: Ericsson

Decision:

The document was withdrawn.

S5-080091 E CR 32.643-730 re timeSlot

Source: Ericsson

Decision:

The document was revised to S5-080211.

S5-080211 E CR 32.643-730 re timeSlot

Source: Ericsson

(Replaces S5-080091)

Decision:

The document was withdrawn.

S5-080093 E TD version support

Source: Ericsson

Abstract:

Need to support two meanings of 'version', related to Information Object Class (IOC), across Itf-N and Itf-P2P and b) the support mechanisms.

Clarify the two meanings of 'version'

There are two meanings of 'version' that are relevant and related in the context of this paper.

The IRPVersion (see TS 32.311, IRP document version number string (or "IRPVersion"). This is the 3-digits-numbering, e.g. 8.x.y of the 3GPP SA5 IRP specifications where IOC-X is defined. (It is noted that typically where one NRM imports another NRM (see 6.1 of Core NRM IRP Imported information entities and local labels), it is by default the latest version in the same release. We do not currently support mixing of IRPVersion(s) between releases.)

The specification name and version number of a specification (e.g. 23.002-8.x.x in the case of 3GPP or S.R0005-B: Revision: B, Version 2.0 in case of 3GPP2) that defines the network resource capabilities represented an IOC X instance. We call this the network resource version or nRVersion.

Proposal for discussion

- 1 For each NRM IRP IOC that represents a network resource, add an attribute nRVersion.
- 2 For each nRVersion defined, specify its legal values.

Example 1 in 3GPP context: Add this sentence to the nRVersion attribute definition; "the legal values for MscFunction.nRVersion are "23.002-8.x.x, 23.002-7.x.x". The actual syntax to convey this defined semantics would be defined in their respective SSSs.

Example 2: In 3GPP2 context: Add this sentence to the nRVersion attribute definition (as a delta specification element); ""the legal values for this nRVersion is S.R0005-B: Revision: B, Version 2.0 only"

- 3 There is no need to introduce additional standard feature/capability to allow IRPManager to find out the IOC IRPVersion of instances under management. As currently defined, the IOCs' IRPVersion of all instances under management can be obtained by IRPManager issuing the getIRPVersion operation.

Discussion:

Huawei: How to use ?

Ericsson: ...

Motorola: Good proposal. Support for NRM IRP. But for legal value more time is needed for consideration.

Conclusion: More off-line discussion is needed on legal value (Ericsson, Vodafone, Motorola, Huawei).

Decision:

[The document was noted.](#)

S5-080094 R8 CR 32.404 Add generic measurements definition rules

Source: Nortel

Abstract:

MCC changed : TS version 740 to 800; CR cat B to F; CR cover clean-up.

Discussion:

S5-080094r1 approved without change. New Tdoc# given.

Decision:

[The document was revised to S5-080212.](#)

S5-080212 R8 CR 32.404 Add generic measurements definition rules

Source: Nortel

(Replaces S5-080094)

Discussion:

Change CR category from B to C (Functional modification - of the template)

Decision:

The document was **approved**.

S5-080100 CR R8 Add trace failure response due to overload to 32.421

Source: Motorola

Discussion:

Update for the next meeting in line with comments made by Ericsson, Vodafone, ZTE.

MCC: Provide CRs for the identified impacted specifications 32.422/3. Delete Clause 2 References. Change "may" to "might"; change "will enable" to "enables".

Decision:

The document was **noted**.

S5-080107 R6 CR 32.322 Do not force Solution Sets to use toBeMonitoredAttributes

Source: Nokia Siemens Networks

Discussion:

Change WI to "OAM-NIM"

Decision:

The document was **revised to S5-080214**.

S5-080214 R6 CR 32.322 Do not force Solution Sets to use toBeMonitoredAttributes

Source: Nokia Siemens Networks

(Replaces S5-080107)

Decision:

The document was **approved**.

S5-080108 R7 CR 32.322 Do not force Solution Sets to use toBeMonitoredAttributes

Source: Nokia Siemens Networks

Discussion:

Change WI code to "OAM-NIM"

Decision:

The document was **revised to S5-080215**.

S5-080215 R7 CR 32.322 Do not force Solution Sets to use toBeMonitoredAttributes

Source: Nokia Siemens Networks

(Replaces S5-080108)

Decision:

The document was **approved**.

S5-080109 R6 CR 32.323 Correct filterability of testInvocationInitiator, alignment with IS
Source: Nokia Siemens Networks

Decision:

The document was **revised to S5-080216**.

S5-080216 R6 CR 32.323 Correct filterability of testInvocationInitiator, alignment with IS
Source: Nokia Siemens Networks

(Replaces S5-080109)

Decision:

The document was **revised to S5-080252**.

S5-080252 R6 CR 32.323 Correct filterability of testInvocationInitiator, alignment with IS
Source: Nokia Siemens Networks

(Replaces S5-080216)

Decision:

The document was **approved without presentation**.

S5-080110 R7 CR 32.323 Correct filterability of testInvocationInitiator, alignment with IS
Source: Nokia Siemens Networks

Decision:

The document was **revised to S5-080217**.

S5-080217 R7 CR 32.323 Correct filterability of testInvocationInitiator, alignment with IS
Source: Nokia Siemens Networks

(Replaces S5-080110)

Decision:

The document was **revised to S5-080253**.

S5-080253 R7 CR 32.323 Correct filterability of testInvocationInitiator, alignment with IS
Source: Nokia Siemens Networks

(Replaces S5-080217)

Decision:

The document was **approved without presentation**.

S5-080135 R6 CR 32642 Correct wrongly supported RET attributes - Align with 25.463
Source: Ericsson

Decision:

The document was revised to S5-080218.

S5-080218 R6 CR 32642 Correct wrongly supported RET attributes - Align with 25.463

Source: Ericsson

(Replaces S5-080135)

Decision:

The document was **withdrawn**.

S5-080136 R7 CR 32642-730 Correct wrongly supported RET attributes - Align with 25.463

Source: Ericsson

Decision:

The document was **approved**.

S5-080137 R8 CR 32642-800 Correct wrongly supported RET attributes - Align with 25.463

Source: Ericsson

Decision:

The document was **approved**.

S5-080138 Correction of TDD attributes

Source: Ericsson

Discussion:

Vodafone: It is too late to change Rel-6.

Ericsson: This means that SA5 accepts incompatibility between Rel-6 and Rel-7.

Decision:

The document was **withdrawn**.

S5-080139 Correction of TDD attributes.

Source: Ericsson

Decision:

The document was revised to S5-080209.

S5-080152 R7 CR 32.642-730 Add missing multi-frequency attributes for 1.28Mcps TDD - Align with 25.433

Source: ZTE

Discussion:

As Ericsson has withdrawn their CR this one does not need revision.

So S5-080209 is withdrawn and the original CR in S5-080153 is proposed for approval.

Postponed to #58 (clarify R6/7/8, mirrors and 32.642/3/5 impact. provide complete package.

Decision:

The document was **postponed to next meeting**.

S5-080209 R7 CR 32.642-730 Correction of TDD attributes

Source: Ericsson, ZTE

(Replaces S5-080152)

Discussion:

As Ericsson has withdrawn their CR this one does not need revision.

So S5-080209 is withdrawn and the original CR in S5-080153 is proposed for approval.

Decision:

The document was **withdrawn**.

S5-080227 R7 CR 32.642-730 Add missing multi-frequency attributes for 1.28Mcps TDD - Align with 25.433

Source: ZTE

(Replaces S5-080152)

Discussion:

ZTE comments on "Time Slot List".

Decision:

The document was **withdrawn**.

S5-080231 R7 CR 32.643 Add missing multi-frequency attributes for 1.28Mcps TDD - Align with 25.433

Source: ZTE

Abstract:

CORBA SS for S5-080152

Discussion:

Postponed to #58 (clarify R6/7/8, mirrors and 32.642/3/5 impact. provide complete package.

Decision:

The document was **postponed for next meeting**.

S5-080140 Correction of TDD attributes.

Source: Ericsson

Decision:

The document was **revised to S5-080210**.

S5-080155 R8 CR 32.642-800 Add missing multi-frequency attributes for 1.28Mcps TDD - Align with 25.433

Source: ZTE

Discussion:

As Ericsson has withdrawn their CR this one does not need revision.

So S5-080228 is withdrawn and the original CR in S5-080155 is proposed for approval.

Postponed to #58 (clarify R6/7/8, mirrors and 32.642/3/5 impact. provide complete package).

Decision:

The document was **postponed to next meeting**.

S5-080210 R8 CR 32.642-800 Correction of TDD attributes

Source: Ericsson, ZTE

(Replaces S5-080155)

Decision:

The document was **withdrawn**.

S5-080228 R8 CR 32.642-800 Add missing multi-frequency attributes for 1.28Mcps TDD - Align with 25.433

Source: ZTE

(Replaces S5-080155)

Discussion:

As Ericsson has withdrawn their CR this one does not need revision.

So S5-080228 is withdrawn and the original CR in S5-080155 is proposed for approval.

Decision:

The document was **withdrawn**.

S5-080141 Add missing attributes and remove redundant attributes - Align with 32.642

Source: Ericsson

Decision:

The document was **withdrawn**.

S5-080142 Add missing attributes and remove redundant attributes - Align with 32.642

Source: Ericsson

Decision:

The document was **withdrawn**.

S5-080146 CMCC discussion of Point Codes in Signalling Transport Network

Source: China Mobile

Abstract:

Discussion of Point Codes in Signalling Transport Network, to reply LS from 3GPP2.

Discussion:

3GPP2 proposal is not acceptable to SA5.

Add this to the 3GPP2 reply in

Decision:

The document was **noted**.

S5-080147 CMCC R8 32.405-810 Correct measurement name for abnormal RB releases for HS-DSCH

Source: China Mobile

Abstract:

There is no HS family name in 32.405, HSDPA and HSUPA family name have been defined, so HSDPA is proposed to replace HS.

Decision:

The document was **approved**.

S5-080174 R8 CR 32.150 Add typedef definition for attributes in CORBA SS style

Source: ZTE

Abstract:

Allows 3GPP SA5 to use the CORBA IDL NRM format utilized by 3GPP2 TSG-S WG5.

Decision:

The document was **revised as Tdoc**.

**6.2 UID 35051 Telecom Management Methodology (OAM8) - new TS
32.155, CR 32.151/2, 32.622, 32.732**

Progress: from 50% to 60%

**S5-080023 Resubmitted SA5#54: S5-071720 LS_in from 3GPP2 (to SA5) on Tools To Automatically Build
NRM CORBA IDL And XSD Documents**

Source: 3GPP2

Abstract:

3GPP2 TSG-S WG5 would welcome the opportunity to give a presentation of the 3GPP2 TSG-S WG5 tools that automatically build NRM CORBA IDL and XSD documents at the upcoming 3GPP SA5#54 meeting. Randy Scheer, from Alcatel-Lucent, is planning to attend the upcoming 3GPP SA5#54 meeting and such details like presentation date and presentation interval can be arranged before the meeting. The presentation will be tailored toward 3GPP SA5 R7 NRMs.

- Who will maintain this tool? Is it expected to be maintained by 3GPP and 3GPP2 separately? 22 The maintenance for these tools can be worked out if 3GPP SA5 decides to use these tools.
- Does this tool need some kind of customization to be used in 3GPP SA5? 24 For a particular release, 3GPP2 TSG-S WG5 would expect that 3GPP SA5 and 3GPP2 TSG-S WG5 could use the same program set, but with different NRM data files. The programs need to be updated when the 3GPP SA5 methodology rules change the CORBA IDL, XSD documents and XML configuration format. Thus, the programs need to be release specific. In addition, backward compatibility will require program updates. Note, however, that 3GPP2 TSG-S WG5 tends to be working one release behind the 3GPP SA5, since our specifications depend on your specifications.

Allocated to Methodology. Reply postponed to SA5#56. Postponed again to SA5#57.

Action 56-6.2: SWG Chair to start an email discussion on the course of action to take

Decision:

The document was **replied in S5-080232**.

S5-080232 LS_out reply to 3GPP2 on Tools To Automatically Build NRM CORBA IDL And XSD Documents (Reply to S5-080023)

Source: SA5 (Christian)

(Replaces S5-080023)

Decision:

The document was **approved**.

S5-080065 Minutes of 12 Dec 2007 conference call with ITU-T, TISPAN, TMF and ATIS

Source: SA5 Vice Chair (Ericsson)

Abstract:

- 1 - Status on alignment between ITU-T and 3GPP methodology specifications (Requirements, IS/Analysis)
 - 1.1 - Where we are
 - 1.2 - Remaining work
 - 1.3 - Process to keep aligned ITU-T and 3GPP methodologies specs
- 2 - Status on other SDOs (ATIS, TISPAN, TMF)
 - 2.1 - Status on the methodology work in other SDOs
 - 2.2 - How to extend the scope of the 3GPP/ITU-T alignment work to other SDOs
- 3 - Planning of future work on Solution Set methodologies
 - 3.1 - Which technologies should we consider (CORBA, XML, SOAP, etc)
 - 3.2 - What is needed (general Solution Set methodology, XML-based solution set methodology, XML design guidelines, etc)
 - 3.3 - What can be reused
 - 3.4 - How to develop and maintain joint methodology specifications

Action Items:

1. All groups to send their methodology documents to Leen Mak (for collection on NGNMFV's website)
2. Knut/Thomas: set up the first SG4/SA5 meeting (for the Reqs/IS/SS template status document and coordination of updates) on 21st Jan. 15.00 CET
3. Nigel: Set up the call on XML guidelines (for all 5 groups). Proposed time: 14.00 or 15.00 CET the 5th Feb.
4. All: Check what can be reused from other organisations, focus on XML guidelines.

Discussion:

Ericsson : proposed to inform and wait for comments from ITU-T SG4 on the agreed contribution before sending to SA for approval. However, this might slow down the progress on methodology. Proposed to try one round to see the effect.

Nortel : Is the procedure applied only to Requirements and IS template ?

Ericsson :Yes, SA5 has no agreement on SS template coordination.

Orange : Question on the procedure if the CR was agreed in 3GPP but rejected by other SDO (here ITU-T SG4).

Answer: 3GPP can take its own decisions independently, but if it disregards ITU-T SG4's important comments the harmonization is in danger.

Decision:

[The document was noted.](#)

S5-080084 R8 CR 32.151-800 IS traceability to Reqs

Source: Ericsson

Abstract:

SA5 members are asked to consider and comment this proposal for the IS template to specify information items for tracing of which requirements are supported by which IS level definitions.

ITU-T M.3020 "Management interface specification methodology", clause 7.3.3 Analysis (which corresponds to SA5's IRP IS specification phase) states that: "The class descriptions along with the interfaces exposed should be traceable to the requirements."

SA5 has agreed with ITU-T SG4 to harmonize methodologies. The CR contains a proposal on how this should be specified in 32.151 "3GPP IRP IS template", based on feedback to S5-071837 from SA5#56.

Discussion:

Decision: Agreed in principle but postponed to next meeting, wait for the comments from SG4 before re-submitting to SA5 for Approval.

**ACTION: Ericsson to get comments from SG4 before re-submitting to SA5 for Approval.
(action on: Ericsson / due by: 2008-02-10)**

Decision:

The document was postponed to next meeting, wait for the comments from SG4.

S5-080085 Proposal for updated TS 32153 draft v020

Source: Ericsson

Discussion:

Revised to R2 version before presentation.

No comments.

Agreed as latest draft and get a new doc number.

Decision:

The document was revised to S5-080233.

S5-080233 TS 32153 draft v0xy

Source: Ericsson

(Replaces S5-080085)

Discussion:

include all agreed contributions and send the updated draft TS for email approval as NEW latest draft.

**ACTION: Ericsson to update TS 32153 for email approval as latest draft
(action on: Ericsson / due by: 2008-02-14)**

Decision:

The document was update for email approval as latest draft.

S5-080221 Add typedef definition for attributes in CORBA SS style

Source: ZTE, Ericsson

(Replaces S5-080174)

Abstract:

CR converted in Tdoc.

Inform 3GPP2 by LS.

Discussion:

Agreed for inclusion in draft TS 32.153

Decision:

The document was **agreed**.

6.3 UID 35053 Advanced Alarming on Itf-N (OAM8) - new TS 32.121/2/3/5

Progress: from 50% to 60%

S5-080111 Summary of AAM email discussions

Source: Nokia Siemens Networks

Discussion:

Ericsson: we have no comments on the report but it does not mean we agreed the changes resulting from the email discussion.

The group has endorsed the results of the email discussion and their inclusion into 32.121 and 32.122.

Decision:

The document was **noted**.

S5-080112 32.121 V1.0.1 AAM Requirements for SA approval

Source: Nokia Siemens Networks

Abstract:

This TS provides the Requirements for a mechanism enabling the IRP Manager to improve the information content of alarms, thereby contributing to reduce the time-to-repair.

Decision:

The document was **revised to S5-080236**.

S5-080236 32.121 V1.x.y AAM Requirements - for SA approval

Source: Nokia Siemens Networks

(Replaces S5-080112)

Decision:

The document was **agreed for SA Approval**.

S5-080113 32.122 V1.1.1 AAM Information Service for SA approval

Source: Nokia Siemens Networks

Abstract:

This TS provides the Information Service for a mechanism enabling the IRP Manager to improve the information content of alarms, thereby contributing to reduce the time-to-repair.

Discussion:

Ericsson: More time is needed to asses this draft.

NSN to provide an updated TS 32.122 in line with comments made (also delete the not agreed text after the history box).

Ericsson: comment on the editorial errors in A..2.1.1

Huawei: ask to confirm if the filter is the attribute of activateAdvancedAlarmManagementRule

NSN: It is missing in the table 5.3.1.2

Ericsson: A.2.3, 071139(SA5#54) was not included in the contribution which has been agreed.

NSN: I took your idea in 071139 to A2.3.3

Huawei: propose to map the attribute in 6.2.2.2.1 with attributes in 5.3.1.2.

NSN: Add text in the comment of attribute table in 6.2.2.2.1 to reflect the mapping.

Ericsson: more time is needed to asses this draft, ask to delay one or two meeting for approval.

MCC: Why not updating the template for presentation of specification sent last time to SA?

The TS titles in the SA presentation paper shall also be updated.

Decision:

The document was revised to S5-080237.

S5-080237 32.122 V1.x.y AAM Information Service

Source: Nokia Siemens Networks

(Replaces S5-080113)

Discussion:

Ericsson: More time is needed to asses this draft.

NSN to provide an updated TS 32.122 in line with comments made (also delete the not agreed text after the history box)

**ACTION: NSN to update TS 32.122 AAM IS for email approval as latest draft
(action on: NSN / due by: 2008-02-14)**

Decision:

The document was update for email approval as latest draft.

S5-080114 32.123 AAM CORBA SS for SA approval

Source: Nokia Siemens Networks

Abstract:

This TS provides the CORBA Solution Set for a mechanism enabling the IRP Manager to improve the information content of alarms, thereby contributing to reduce the time-to-repair.

Discussion:

Ericsson: 1) the scope of SS corresponding which part of the IS? 2) comments on AAM abbreviation

NSN to provide an updated TS 32.123 in line with comments made.

NSN to provide an updated WID to reflect the removal of the XML 32.125, the changed TS titles, schedules etc.

ACTION: NSN to update WID to reflect the removal of the XML 32.125, the changed TS titles, schedules etc.
(action on: NSN / due by: 2008-02-10)

Decision:

The document was revised to S5-080238.

S5-080238 32.123 AAM CORBA SS

Source: Nokia Siemens Networks

(Replaces S5-080114)

Discussion:

NSN to provide an updated WID to reflect the removal of the XML 32.125, the changed TS titles, schedules etc.

ACTION: NSN to update TS 32.123 AAM CORBA for email approval as latest draft
(action on: NSN / due by: 2008-02-14)

Decision:

The document was update for email approval as latest draft.

S5-080170 Add description of merge rule in AAM IS

Source: ZTE

Discussion:

Ericsson: some information in definition session is duplicated or conflicted with the following 4 session proposed by Ericsson. Question on the text in definition session in the IS 32.122. Propose to remove the definition session.

ZTE: It is a general description in definition session.

NSN: question on the trigger of notifynewalarm in table A.2.4.3-1

Ericsson: the second bullet can not be implemented.

NSN: Propose to combine bullet 1 and 2 in table A.2.4.3-1 as “first alike alarm”. the same changes needed in table A.2.4.3-2.

Huawei: we should not mention the internal counter. The sample 1 and 3 are not clear enough.

Ericsson: the sample is clear.

Agreed to include the contribution in TS 32.122, annex C.

Decision:

The document was agreed.

6.4 UID 35056 CS Bearer Transport NRM (OAM8)

Progress: from 30% to 30%

S5-080150 CMCC Use case for CircuitEndPointSubgroup IOC

Source: China Mobile

Abstract:

Use case for CircuitEndPointSubgroup IOC

Discussion:

Motorola: support the contribution.

Ericsson: the text in Configuration management use case is in fact performance management.

Decision:

[The document was noted.](#)

S5-080151 R7 CR 32.632-800 Add CircuitEndPointSubgroup IOC– Align with 32.407

Source: China Mobile

Abstract:

The IOC CircuitEndPointSubgroup is very useful for CN CS measurements. Such as measurements related to number of attempted seizures of trunk circuits or blocked trunk circuits for outgoing calls for one-way-out or two way circuit end point subgroups etc.

Discussion:

No presentation due to offline discussion needed between Ericsson and China Mobile.

Decision:

[The document was **needs more discussion.**](#)

S5-080153 R7 CR 32.633-730 Add CircuitEndPointSubgroup CORBA SS– Align with 32.407

Source: China Mobile

Abstract:

The IOC CircuitEndPointSubgroup is very useful for CN CS measurements. Such as measurements related to number of attempted seizures of trunk circuits or blocked trunk circuits for outgoing calls for one-way-out or two way circuit end point subgroups etc. CircuitEndPointSubgroup CORBA SS has not been defined in 32.633.

Discussion:

No presentation due to offline discussion needed between Ericsson and China Mobile.

Decision:

[The document was **needs more discussion.**](#)

S5-080154 R7 CR 32.635-730 Add CircuitEndPointSubgroup XML file definition– Align with 32.407

Source: China Mobile

Abstract:

The IOC CircuitEndPointSubgroup is very useful for CN CS measurements. Such as measurements related to number of attempted seizures of trunk circuits or blocked trunk circuits for outgoing calls for one-way-out or two way circuit end point subgroups etc. CircuitEndPointSubgroup XML file definition has not been defined in 32.635.

Discussion:

No presentation due to offline discussion needed between Ericsson and China Mobile.

Decision:

The document was **needs more discussion**.

6.5 UID 35061 IP Measurements (OAM8) - CRs 32.32x

Progress: from 40% to 40%

S5-080165 R8 CR 32.322-710 Add new Information Objects for connection and loopback test categories

Source: China Mobile

Abstract:

It is proposed to add the test procedure description and new object for the connection and loopback test categories into TS32.322.

Discussion:

NSN: session 4.x has been defined as operation in clause 6.

NSN: The reference is wrong.

Ericsson: we have agreed to add two test objects but you have just added one test object. One for loopback test, one for..

NSN: why do you name the NetworkPerformFaultTesterObject? Only for fault?

CMCC: We just collect the comments due to the author is absent.

Decision:

The document was **update for next meeting**.

S5-080166 R8 CR 32.323-700 Add new Interfaces for connection and loopback test

Source: China Mobile

Abstract:

It is proposed to include the new interfaces for the connection and loopback test into TS32.323.

Discussion:

NSN: The "cot" in the modification is not the same as in the current TS.

Decision:

The document was **update for next meeting**.

6.6 UID 35065 Study on EOSF definition (OAM8-Study) - TR 32.819

Progress: from 30% to 40%

S5-080149 CMCC draft TR32.819 E-OSF

Source: China Mobile

Abstract:

draft TR32.812 E-OSF

Discussion:

Nortel: comment on 6.1.1.6

ZTE: Alarm forwarding delay in 6.1.4.1 shall be changed to alarm smoothing

NSN: Does the alarm severity function have impact in the NE?

CMCC: no impact. We will make it clear in the 6.1.3.5. make change online.

ZTE: remove “not everyone” in alarm smoothing 6.1.4.5

Ericsson: the last sentence in 6.1.3.4 is wrong.

ZTE: bullet 2) in 6.1.3.4 should “clear Alarm”

ZTE: Alarm acknowledgement function is missing in 6.1.3.4 Alarm acknowledgement function set

Ericsson: it should be updated based on the TR template and the TR number was wrong.

ACTION: China Mobile to update TR 32819 E-OSF Study for email approval as latest draft (action on: China Mobile / due by: 2008-02-14)

Decision:

The document was update for email approval as latest draft.

6.7 UID 340036 Study on Management for LTE and SAE (OAM8-Study) - TR 32.816

Progress: from 75% to 80%

S5-080029 LS_in from RAN1 copy SA5 on Physical-layer Cell Identity Collision
Source: R1-075099

Abstract:

Title: Response to LS on Physical-layer Cell Identity Collision

Release: Rel-8

Work Item: SAE / LTE

Source: RAN1

To: RAN3 Cc: RAN2, SA5

1. Overall Description:

RAN1 thanks RAN3 for the questions related to Phy-CID collision. Below please find RAN1’s responses to these questions.

Question 1: In the event of Phy-CID collision, would it be possible for a UE to:

- normally decode data from the serving cell
- performing measurements for handover on neighbour cells (including the cell with the colliding Phy-CID value) Response:

The use of the same Phy-CID by two cells implies the use of identical reference-signal sequences. Thus, especially in case of well-time-aligned transmissions from the two cells, a situation that might happen, even in case of non-synchronous eNB operation, the total received signal from the two cells will be more or less indistinguishable from the transmission from a single cell subject to additional time dispersion.

Thus, decoding data from the serving cells, when being close to the border of the two cells, as well as performing measurements on the neighbour cell with the colliding Phy-CID, would not be feasible.

Question 2: In the event of Phy-CID collision, would it be possible for a UE to detect the situation that the Phy-CID values are colliding so that such event can be reported to the network?

Response: RAN1’s understanding is that neighbour cells will not use the same physical cell ID.

As stated in the response to Question 1, this situation would be more or less indistinguishable from the case of transmission from a single cell with additional time dispersion in case the received transmission of colliding cells are time aligned.

Thus the situation would be difficult to detect with high reliability and would require additional UE complexity and functionality.

Question 3: Currently, the range of Phy-CID values can take 510 different values.

To minimize the risk for Phy-CID collision, you could consider solution in where the Phy-CID range is significantly extended.

What would be the impact on the lower layers of such a solution? Response:

Note that current RAN1 assumption is that the Phy-CID can take 504 values. Significantly increasing the range of the Phy-CID would have a negative impact on lower layers, both in terms of complexity and additional standardization effort, especially if performance e.g. in terms of cell-search times should be retained.

Question 4: RAN3 understands that a change of the Phy-CID in a cell will impact UEs not only in the specific cell, but also on UEs in neighbour cells performing measurements on the impacted cell.

Considering that impact, RAN3 assumes that any change of Phy-CID value is preferably done at low traffic periods, and RAN3 asks other groups to confirm that assumption. Response:

It is the RAN1 understanding that the change of Phy-CID would be an anomaly, i.e. in practice being equivalent to the cell being removed and a new cell installed at the same position.

Furthermore, the RSRP measurements of a cell during a change of its PHY ID would be of no use.

2. Actions: RAN1 asks RAN3 to take the above responses into account in their future works on LTE/SAE.

Decision:

The document was **noted (no reply needed)**.

S5-080031 LS_in from RAN3 to SA5 on Automatic Neighbour Relation function

Source: R3-072401

Abstract:

Source: RAN3 To: SA5 Cc: RAN4, RAN2 1. Overall Description: RAN3 would like to thank SA5 for LS S5-071951 on the Automatic Neighbour Relation (ANR) function and would like to provide the following comments. On the specific actions, RAN3 has the following comments: Action 1: SA5 requests RAN3 to take note of the above and would like to continue co-operating with RAN3 on the topic. RAN3: Noted, RAN3 is satisfied with the SA5 answer and are happy to hear the SA5 acknowledgement on the SA5 work on black- and white-lists. RAN3 will continue to keep SA5 informed about further progress in RAN3. Action 2: SA5 asks RAN3 to clarify whether the decision of adding a neighbour relation to the Neighbour Relation List is based on a single measurement from a UE, or if it is based on measurements from several UEs. RAN3: RAN3 has discussed the topic and concluded that the decision to add a neighbour can be based on 1) a single measurement from a single UE, 2) several measurements from a single UE or 3) several measurements from several UEs. Exact which method to use (1, 2, or 3), as well as the algorithm for deciding on addition and removal of neighbours, is considered an implementation matter and will not be specified. RAN3 also noted the following statement from SA5: SA5 is also studying an alternative solution for automating the management of Neighbour Relation Lists. This function is based on measurements from eNodeBs, with a controlling function residing in the O&M domain. This solution handles both the additions and removals of neighbour relations. RAN3 had difficult to understand the background and planned functionality with this alternative solution. Discussion were led in RAN3 about potential interaction with the ANR function that RAN3 has already decided upon (as communicated in R3-072015) and extra complexity if the two functions target the same type of optimization. For that reason, RAN3 request more information about this alternative solution. 2. Actions: Action 1: RAN3 requests SA5 to take note of the above. Action 2: RAN3 asks SA5 to motivate the need for, clarify, and provide more information about the alternative solution as commented above.

Decision:

The document was **replied in S5-080239**.

S5-080239 LS_out reply to RAN3 on Automatic Neighbour Relation function

Source: Huawei, Ericsson

(Replaces S5-080031)

Abstract:

Source: RAN3 To: SA5 Cc: RAN4, RAN2 1. Overall Description: RAN3 would like to thank SA5 for LS S5-071951 on the Automatic Neighbour Relation (ANR) function and would like to provide the following comments. On the specific actions, RAN3 has the following comments: Action 1: SA5 requests RAN3 to take note of the above and would like to continue co-operating with RAN3 on the topic. RAN3: Noted, RAN3 is satisfied with the SA5 answer and are happy to hear the SA5 acknowledgement on the SA5 work on black- and white-lists. RAN3 will continue to keep SA5 informed about further progress in RAN3. Action 2: SA5 asks RAN3 to clarify whether the decision of adding a neighbour relation to the Neighbour Relation List is based on a single measurement from a UE, or if it is based on measurements from several UEs. RAN3: RAN3 has discussed the topic and concluded that the decision to add a neighbour can be based on 1) a single measurement from a single UE, 2) several measurements from a single UE or 3) several measurements from several UEs. Exact which method to use (1, 2, or 3), as well as the algorithm for deciding on addition and removal of neighbours, is considered an implementation matter and will not be specified. RAN3 also noted the following statement from SA5: SA5 is also studying an alternative solution for automating the management of Neighbour Relation Lists. This function is based on measurements from eNodeBs, with a controlling function residing in the O&M domain. This solution handles both the additions and removals of neighbour relations. RAN3 had difficult to understand the background and planned functionality with this alternative solution. Discussion were led in RAN3 about potential interaction with the ANR function that RAN3 has already decided upon (as communicated in R3-072015) and extra complexity if the two functions target the same type of optimization. For that reason, RAN3 request more information about this alternative solution. 2. Actions: Action 1: RAN3 requests SA5 to take note of the above. Action 2: RAN3 asks SA5 to motivate the need for, clarify, and provide more information about the alternative solution as commented above.

Discussion:

LS rev.7 presented.

LS text needs to be improved in various aspects.

**ACTION: Ericsson to update LS for email approval
(action on: Ericsson / due by: 2008-01-25)**

Decision:

The document was update for a 2 weeks email approval to reach next RAN WG meetings.

S5-080032 LS_in from RAN3 copy SA5 on Inter-RAT/frequency Automatic Neighbour Relation Function

Source: R3-072403

Abstract:

To: TSG RAN2, TSG RAN1, TSG RAN4

Cc: TSG GERAN2, TSG SA5

WI: SAE/LTE

Attachments: R3-072117, R3-072404

RAN3 discussed additional methods for the Automatic Neighbour Relation (ANR) function.

RAN3 reconfirmed that the ANR function should rely on the UE being able to:

- 1) Detect and report missing neighbour cells based on their “Phy Cell ID”
- 2) Read the global Cell-ID from the broadcast channel of a candidate cell to resolve cases of ambiguity i.e. when there is no a-priori knowledge in the eNB of the mapping between “Phy Cell ID” and global Cell-ID.

To do this the eNB may schedule appropriate measurement gaps in the UE. While step 1) above will automatically happen as part of the regular connected mode operation, it is matter of eNB implementation which UE to choose (when and how) to read the broadcast channel of candidate cell.

For instance, the measurements can be scheduled in situations not critical for UEs e.g. in cases with sufficient coverage and/or in case the impact on the service is limited.

It should be mentioned that UEs are only ordered to measure and detect the global cell ID in case a neighbour relation isn't known to the eNB.

The process is therefore assumed to converge fast.

Therefore during regular eNB operations this task will be performed very rarely.

The agreed method will reduce the amount of planning/configuration work needed to deploy and operate eNBs which is the main goal of SON.

RAN3 is open for any solution to perform the tasks 1) and 2) in active mode, dormant state, or idle mode.

RAN3 discussed to extend the baseline Automatic Neighbour Relation (ANR) function to the Inter-Frequency/RAT case based on document R3-072117 attached.

In order to extend the ANR function to the Inter-Frequency/RAT case, the eNB should be allowed to request the UEs to search for neighbour cells in specific RATs/Frequencies and report the detected cells i.e. their global Cell ID.

To do this the eNB may need to schedule appropriate measurement gaps to allow the UE to scan all cells in the target RATs/frequencies.

The proposed approach limits the burden on the UE and avoids unnecessary, lengthy, searches in all possible RATs/bands.

Also, the scheme has a limited impact on the UE complexity because it builds on functionalities that are already standardized and extensively used in today UEs (e.g. the three-step search process that is used to detect cells in one UTRA frequency layer). RAN3 would like to ask RAN1, RAN2 and RAN4, to confirm the feasibility of the proposed solution for an Automatic Neighbour Relation (ANR) function in case of Inter-Frequency/RAT neighbours, and to keep RAN3 informed about the outcome of the discussions.

Actions To RAN1, RAN2, and RAN4:

RAN3 would kindly like to ask RAN1, RANn2 and RAN4 to confirm the feasibility of the proposed inter-RAT/frequency ANR scheme or provide an alternative UE based solution to provide the global Cell ID of detected inter-frequency/RAT neighbours.

TO RAN1: To check the feasibility and the physical size of measurement gaps in LTE needed to detect inter-frequency/RAT neighbours.

Discussion:

Capture the issue as an Editor's Note in the TR

ACTION: **Ericsson to capture the issue as an Editor's Note in the TR 32.816 E-UTRAN/EPC Management (action on: Ericsson / due by: 2008-02-10)**

Decision:

The document was noted (no reply needed).

S5-080033 **LS_in from RAN3 copy SA5 on feasibility of using RLF recovery to aid neighbour discovery**
Source: R3-072408

Abstract:

Source: RAN3

To: RAN2, GERAN Cc:SA5

Work Item: LTE-Interfaces

1. Overall Description:

RAN3 discussed mechanisms to enable or aid the automatic discovery by the RAN of inter-frequency or inter-RAT neighbours.

The primary mechanism for this is likely to be based on UE reports; however other mechanisms may accelerate the overall discovery process and/or reduce the measurements required to be performed by UEs.

As part of these additional mechanisms, one scenario considered is that of radio link failure when the UE exits the coverage of an LTE cell, and no suitable neighbours are reported.

This might happen during initial deployment, when the knowledge by the eNB regarding its potential neighbours is still very limited.

1. In the case of potential intra-LTE neighbour cells, it is quite possible that the UE will attempt to access one of these, following RLF.

Note that in this scenario these cells would not have been prepared (though others might).

Then during the access procedure, it is envisaged that the UE would provide the new cell/eNB with information regarding its old cell and/or the fact that it suffered RLF.

Once the eNB has this information, it may be able to establish an X2 association with the old cell/eNB, and exchange information on its cells including frequencies.

Q1 (to RAN2):

Could RAN2 comment on the feasibility of the described scenario?

Q2 (to RAN2): Will it be possible for the UE to provide the new cell/eNB with an unambiguous old cell/eNB ID?

Q3 (to RAN2): Will it be possible for the UE to either provide an indication of how long ago it was last connected; or otherwise time-out and thus not include the last cell information (to avoid potential set-up of X2 relations when no real radio relation exists)?

2. In the case of potential UMTS or GSM neighbours, a similar scenario might apply in the sense that following RLF, the UE may search and access an inter-RAT neighbour. Similarly, one could envisage the last cell information being provided during access.

Q4 Would RAN2 and GERAN analyze this scenario and provide comments regarding its feasibility and/or any other relevant aspects.

Note that RAN3 understands that the information of the potential UMTS/ or GSM neighbour would be of great value to the original LTE cell, and is still studying this aspect.

RAN3 would also appreciate any feedback in this respect.

2. Actions to RAN2 and GERAN

RAN3 asks RAN2 and GERAN to review the text above and address the questions posed, and also provide any other comments on the general feasibility of the schemes under study from their point of view.

Decision:

The document was **noted (no reply needed)**.

S5-080036 LS_in from RAN2 to SA5 on RACH optimisation use case

Source: R2-075464

Abstract:

Work item: LTE

Source: RAN2

To: RAN3, SA5

Attachment: R2-075152 (including measurement template)

1. Introduction

During RAN2#60, RAN2 agreed to support a SON use case of “RACH optimisation.”

The objective of the use case is to optimise RACH configurations, including:

RACH resource unit allocation (e.g., the number of PRACHs configured in the cell);

RACH preamble split (among dedicated, random-high, random-low);

RACH persistence level and backoff control parameters;

RACH transmission power control.

The use case is described in detail in section 4 of the attached document R2-075152.

To support this use case, RAN2 agreed to standardise the “number of received RACH preambles” to be measured at eNB. The template sheet for this measurement is included in R2-075152.

To document the agreements, a text proposal intended for TS 36.300 Annex was prepared in section 4 of the attached R2-075152.

However, since RAN3 is responsible for coordinating the SON work, it was felt that appropriate documentation should be done by RAN3. As such, RAN2 would like to kindly request RAN3 to do appropriate documentation of the provided use case and measurements.

Moreover, RAN2 felt that the current assumptions on the OAM/SON architecture and interface aspects are unclear to RAN2.

As such, RAN2 would like to kindly request SA5 to provide information on the current assumptions regarding OAM/SON architecture and interface for LTE/SAE.

Moreover, RAN2 would like to ask SA5 to prepare the necessary procedures and containers to report the agreed eNB measurements to the OAM/SON entity.

2. Actions

ACTION: Requests RAN3 to capture the agreed use case and measurements in the relevant specifications, e.g., TS 36.300.

ACTION: Requests SA5 to inform RAN2 on the current assumptions on the OAM/SON architecture and interface for LTE/SAE, and support the necessary procedures and containers to report the agreed measurements to the OAM/SON entity.

Decision:

The document was **replied in S5-080240**.

S5-080240 Alternative 1 - LS_out reply to RAN2 on RACH optimisation use case

Source: Xuelong

(Replaces S5-080036)

Abstract:

Work item: LTE Source: RAN2 To: RAN3, SA5 Attachment: R2-075152 (including measurement template) 1. Introduction During RAN2#60, RAN2 agreed to support a SON use case of “RACH optimisation.” The objective of the use case is to optimise RACH configurations, including: RACH resource unit allocation (e.g., the number of PRACHs configured in the cell); RACH preamble split (among dedicated, random-high, random-low); RACH persistence level and backoff control parameters; RACH transmission power control. The use case is described in detail in section 4 of the attached document R2-075152. To support this use case, RAN2 agreed to standardise the “number of received RACH

preambles” to be measured at eNB. The template sheet for this measurement is included in R2-075152. To document the agreements, a text proposal intended for TS 36.300 Annex was prepared in section 4 of the attached R2-075152. However, since RAN3 is responsible for coordinating the SON work, it was felt that appropriate documentation should be done by RAN3. As such, RAN2 would like to kindly request RAN3 to do appropriate documentation of the provided use case and measurements. Moreover, RAN2 felt that the current assumptions on the OAM/SON architecture and interface aspects are unclear to RAN2. As such, RAN2 would like to kindly request SA5 to provide information on the current assumptions regarding OAM/SON architecture and interface for LTE/SAE. Moreover, RAN2 would like to ask SA5 to prepare the necessary procedures and containers to report the agreed eNB measurements to the OAM/SON entity. 2. Actions ACTION: Requests RAN3 to capture the agreed use case and measurements in the relevant specifications, e.g., TS 36.300. ACTION: Requests SA5 to inform RAN2 on the current assumptions on the OAM/SON architecture and interface for LTE/SAE, and support the necessary procedures and containers to report the agreed measurements to the OAM/SON entity.

Discussion:

Two alternatives in S5-080240 and S5-080249.

SWG OAM Chair to start an email discussion for a compromise solution

**ACTION: SWG OAM Chair to update LS for email approval
(action on: SWG OAM Chair / due by: 2008-01-25)**

Decision:

The document was update for a 2 weeks email approval to reach next RAN WG meetings.

S5-080249 Alternative 2 - LS_out reply to RAN2 on RACH optimisation use case
Source: Robert

Discussion:

LS re.1 presented.

Two alternatives in S5-080240 and S5-080249.

SWG OAM Chair to start an email discussion for a compromise solution

**ACTION: SWG OAM Chair to update LS for email approval
(action on: SWG OAM Chair / due by: 2008-01-25)**

Decision:

The document was update for a 2 weeks email approval to reach next RAN WG meetings.

S5-080037 LS_in from GERAN copy SA5 on feasibility of using RLF recovery to aid neighbour discovery (R3-072408)
Source: GP-072012

Abstract:

Source: GERAN

To: RAN2, RAN3 Cc: SA5

Release: Release 8

Work Item: LTE-Interfaces

1. Overall Description:

GERAN thanks RAN3 for their LS on the use of RLF recovery to aid neighbour discovery. GERAN understands that at RAN3#58, RAN3 discussed mechanisms to enable or aid the automatic discovery by the RAN of inter-frequency or inter-RAT neighbours.

As part of these additional mechanisms, one scenario considered is that of radio link failure when the UE exits the coverage of an LTE cell, and no suitable neighbours are reported.

In the case of potential UMTS or GSM neighbours, the UE may search and access an inter-RAT neighbour and one could envisage the last cell information being provided during access.

2. Question from RAN3 to GERAN RAN3 requested that GERAN analyze this scenario and provide comments regarding its feasibility and/or any other relevant aspects. RAN3 also noted: "Note that RAN3 understands that the information of the potential UMTS/ or GSM neighbour would be of great value to the original LTE cell, and is still studying this aspect. RAN3 would also appreciate any feedback in this respect. "

3. Response to RAN3 GERAN understands that such a mechanism would likely require:

- a) A mechanism to store information in the UE about the previously accessed cell after RLF.
- b) New signalling between the mobile and the GSM RAT to indicate in which LTE cell it experienced RLF.
- c) New signalling between the GSM RAT and the previous LTE RAT to transfer the information about the identity of the selected GERAN cell and the LTE cell in which RLF occurred.

In addition to these impacts on the GERAN specifications, TSG GERAN can envision scenarios in which the selected GERAN cell bears no useful relationship to the cell in which RLF occurred.

For example, if RLF occurred on entering a tunnel and coverage in GSM was gained on exit of the tunnel.

Furthermore, GERAN would recommend that GERAN neighbours for LTE cells are established from the beginning using OAM procedures rather than by a transitory procedure that may be used only for a short period.

In summary, the mechanism would likely require significant changes to legacy GERAN networks and at least in some scenarios may be of limited benefit for automatic neighbour cell list generation or optimisation schemes.

4. Actions GERAN requests RAN3 to consider the response above, and to inform GERAN in case RAN3 decides to progress this.

Decision:

The document was **noted (no reply needed)**.

S5-080038 LS_in from RAN4 (copy SA5) Reply to SA3 on HomeNodeB authorization / localisation

Source: R4-072152

Abstract:

Response to: S3-070834 Reply LS to LS on Home NodeB/eNodeB regarding localisation/authorisation

Release: Rel-8

Work Item: Home NodeB/eNodeB

Source: RAN4

To: SA3 Cc: RAN3, RAN2, GERAN, SA1, SA2, SA5

1. Overall Description:

RAN4 would like to thank SA3 for the reply LS on "Home NodeB/eNodeB regarding localisation / authorisation". RAN4 has discussed the questions from SA3 and provides RAN4's answers on the issues.

Question 1: Are there any other requirements to know the location of the Home NodeB/eNodeB in addition to those mentioned above? RAN4 interest in localisation/authorisation is solely to ensure that the HNB shall only transmit in accordance with the conditions of the HNB operator's spectrum license.

The spectrum licensing conditions include, for example, licensing areas where base stations may be deployed, frequencies that may be used, as well as permitted levels of emissions outside of the boundaries of the licensing area.

RAN4 has not endeavoured to discover any other requirements related to knowledge of HNB location as this is beyond the scope of RAN4.

Question 2: How accurate does the solution for providing Home NodeB/eNodeB location need to be, e.g. for the case of Spectrum licensing regulations and emergency services respectively?

Location information should be of sufficient granularity to support existing authorisation requirement in use at spectrum license boundaries.

Note, geographical areas may be national boundaries, or boundaries of geographic allocations within a country.

Emergency services are outside the scope of RAN4

Question 3: Whether the authorization of Home NodeB/eNodeB based on its location is always required, or just required in some special cases?

Authorisation based on the location is always required when the Home NodeB/eNodeB is operational to ensure that the HNB shall only transmit in accordance with the conditions of the HNB operator's spectrum license. With respect to authorisation, it is necessary to determine if the HNB location is inside a licensing area where it is permitted to operate.

2. Actions: RAN4 requests to be kept informed by SA3 on the progress of its work.

Decision:

The document was **noted (no reply needed)**.

S5-080039 LS_in from RAN4 to SA5 on Automatic Neighbour Relation Function

Source: R4-072193

Abstract:

Response to: LS Automatic Neighbour Relation Function

Release: Rel-8

Work Item: SAE / LTE

Source: RAN4 To: RAN3, SA5, RAN2

1. Overall Description:

RAN4 would like to thank RAN3 and SA5 on their liaison statements on the area of Automatic Neighbour Relation Function. RAN4 has reviewed the LS and CR in R3-072014. RAN4 discussed how the proposed Automatic Neighbour Relation functions and normal active mode handover evaluation would interact with each other and whether handovers are expected to be performed after the ANR functions. It was clarified in RAN4 that the ANR function is not intended to be used for handover purposes but only for network O&M purposes.

RAN4 is concerned that ANR functions may cause some degradation of the handover performances and thus impact the ongoing services, if measurement gaps for the network O&M purposes are initiated at handover regions. RAN4 would like to have more time to study the impact of Automatic Neighbour Relation Function on the UE complexity and on the network performances.

2. Actions: RAN4 asks RAN3 to wait for additional feedback from RAN4 response before concluding on ANR functions. RAN4 would like to know how often and in what conditions the UEs are expected to be requested to read the global Cell-Id from the broadcast channel of a candidate neighbour cell.

Discussion:

Question already answered in S5-080032.

Decision:

The document was **noted (no reply needed)**.

S5-080041 TR 32.816 v131 Study on management of E-UTRAN and EPC

Source: MCC

Abstract:

MCC clean-up for NEW baseline and upload to <http://www.3gpp.org/ftp/Specs/Latest-drafts/>

ACTION: **Ericsson to update TR 32.816 E-UTRAN/EPC Management for email approval as latest draft**
(action on: Ericsson / due by: 2008-02-14)

Decision:

The document was **update for email approval as latest draft**.

S5-080062 Clarification of ANRL and NCL terms

Source: Huawei

Abstract:

Proposes to agree the ANRL and NCL terms and include into TR32.816.

Reason: different understanding of the terms Neighbour Cell List (NCL), Automatic Neighbour Relation List (ANRL), white list and black list etc. when discussing NCL optimization.

Discussion:

Motorola: What is the relationship between Neighbour Relation & Neighbour List ?

Huawei:

Ericsson: Only two terms exist: NCL (Data Structure) and ANRL (Name of Function). This are NOT in SA5 responsibility.

Rapporteur]: Deal 1st with all other contribution before concluding (e.g. S5-080173).

Decision:

The document was **postponed to next meeting**.

S5-080173 E TD WL BL NRL v2 (update of S5-080088)

Source: Ericsson

Abstract:

Proposes to discuss NCL management solution based on the LS (S5-071925) from RAN3 on ANRL to agree on the solution.

Automatic Neighbour Relation (ANR) lists have been discussed extensively in SA5 and RAN3. This contribution complements S5-080120 with a discussion on WhiteList (WL), BlackList (BL) and Neighbour Relation List (NRL). It also defines a term called Hand Over Candidate (HOC).

The WL, BL and NRL are visible to IRPManagers. This paper discusses the semantics (e.g. what does it mean when a particular cell is a member of a particular list) and life-cycle of these lists (e.g. creation, deletion and list entry modifications).

Matters not for standardization :

- The triggers to create, delete and change the list content.
- The algorithms to determine which lists to be created, deleted or modified

The standard operations that IRPManager can use to manipulate the list instances are those defined in Bulk CM IRP and Basic CM IRP specifications.

Description of Terms HOC and Lists (WL, BL, NRL)

Mutual Exclusivity

Two simple precedence rules are required:

1. A WL member is a HOC, from the perspective of the function executing the hand over operation, unless it appears in BL.
2. A NRL member is a HOC, from the perspective of the function executing the hand over operation, unless it appears in BL.

Discussion:

Ericsson: SA5 should not interfere with RAN3 matters.

Telecom Italia: Start a dialog with RAN3.

Ericsson: NRL should be understood but not defined by SA5. It is RAN3 job. If the description in this document is wrong it should be changed.

Huawei: Do we need both lists ?

Rapporteur]: Deal 1st with all other contribution before concluding (e.g. S5-080095).

Decision:

The document was postponed to next meeting.

S5-080095 White paper on NCL management

Source: Motorola, Nortel

Abstract:

The ANRL function has been agreed in RAN3 (see LS S5-071925).

RAN3 asks SA5 to consider how this function is controlled by O&M, particularly with respect to White Cells and Black Cells.

The ANRL function up-to-date applies to intra-frequency neighbours, but not to inter-frequency or inter-RAT (they are FFS and no agreed by RAN3 yet).

Proposes the NCL management solution, especially on how O&M can interwork with the eNB in an efficient manner, in order to give operators more flexibility and reliability on the NCL management.

NCL control scenarios:

1. Full O&M control:
2. No O&M control
3. Hybrid control 1: O&M sets up restrictions but does not limit the set of cells the eNB can consider as possible neighbours
4. Hybrid control 2: O&M sets up restrictions AND limits the set of cells the eNB can consider as possible neighbours

Discussion:

Telecom Italia: What if the Cell is neither in the WL, BL, GL ?

Motorola:...

Ericsson: Who writes the Grey List (GL) ? Why not combine the two lists (GL, NCL) ?

Motorola:...

Rapporteur: Several companies do not see the benefit of the Grey List. Motorola could continue its effort in convincing the others if so wished.

Rapporteur after discussing the first 3 documents how should be handled the Huawei contributions in...

Motorola:...

T-Mobile: SA5 needs more information from RAN3 on ...

Two agreements made:

1)

2)

Decision:

The document was **noted**.

S5-080071 Self-Configuration: SW download

Source: Nokia Siemens Networks

Decision:

The document was **postponed to next meeting**.

S5-080080 Resubmission of MBMS optimization

Source: Huawei

Abstract:

Proposes to agree:

1) to capture in TR 32.816 the use case description for MBMS network optimization .

2) to create a new implementation WI for MBMS management (e.g. optimization)

Discussion:

1) agreed for including clause 4.2 in TR 32.816.

2) postponed the implementation WID after concluding TR 32.816.

Decision:

The document was **noted**.

S5-080081 Mapping between SA5 SON use cases to NGMN SON use cases

Source: Huawei

Decision:

The document was **postponed to next meeting**.

S5-080082 Measurements for Mobility robustness optimization

Source: Huawei

Decision:

The document was **postponed to next meeting**.

S5-080083 Self-Optimization generic procedure/use case and its re-use

Source: Nokia Siemens Networks

Decision:

The document was postponed to next meeting.

S5-080089 E TD SON Neighbour Cell List Handling Architecture
Source: Ericsson

Decision:

The document was more discussion needed.

S5-080092 E TD add Requirements for Pool Mgmt to 32816
Source: Ericsson

Decision:

The document was more discussion needed.

S5-080096 Business level requirement on NCL management
Source: Motorola, Nortel

Discussion:

Update for the next meeting in line with comments made

Decision:

The document was update for next meeting.

S5-080097 Specification level requirement on E-UTRAN KPI
Source: Motorola, Nortel

Decision:

The document was more discussion needed.

S5-080102 White paper on specification level E-UTRAN KPI
Source: Motorola, Nortel

Decision:

The document was more discussion needed.

S5-080104 Resubmission of NCL optimization solution
Source: Huawei

Discussion:

Update for next meeting in line with comments made.

Decision:

The document was update for next meeting.

S5-080105 M Business level requirement on Performance Management of E-UTRAN/EPC
Source: Motorola

Decision:

The document was **more discussion needed**.

S5-080106 M Specification level requirement on Performance Management of E-UTRAN/EPC
Source: Motorola

Decision:

The document was **postponed to next meeting**.

S5-080120 Requirements for Automatic Neighbour Relations
Source: Ericsson

Decision:

The document was **more discussion needed**.

S5-080122 On location of AAF and security
Source: Ericsson

Decision:

The document was **postponed to next meeting (not treated due to lack of time)**.

S5-080169 Addition of use case Self-healing in 32.816
Source: ZTE

Decision:

The document was **more discussion needed**.

S5-080201 Description SON use case and impacts on SA5
Source: T-Mobile, Vodafone

Abstract:

Very late (7 Jan)

Decision:

The document was **not treated due to lack of time**.

S5-080242 LS_out to RAN3
Source: Olaf

ACTION: NSN to update LS for email approval
(action on: NSN / due by: 2008-01-25)

Decision:

The document was **update for a 2 weeks email approval to reach next RAN WG meetings**.

6.8 UID 360001 HSUPA performance measurements (OAM8) - CR 32.405

Progress: from 30% to 50%

S5-080156 R8 32.405-810 Add measurements related to HSUPA release

Source: China Mobile

Abstract:

Measurements related to normal and abnormal HSUPA release are used to analyze the HSUPA release success rate.

Discussion:

Ericsson: propose to reform the trigger condition to make it clearer to be understood in Abnormal RB releases for E-DCH.

NSN: The session name shall be aligned with the 4.34.x.1.1.

Qualcomm: the measurement name of 4.34.x.2 shall be aligned with the bullet a).

CMCC: agreed to change to HSUPA.AbnormalEdchRelease.

Decision:

The document was **update for next meeting**.

S5-080157 R8 32.405-810 Add measurements related to MAC-e feedback decoding

Source: China Mobile

Abstract:

Measurements related to number of successful transmission PDUs, retransmitted PDUs and total number of transmission PDUs of MAC-e are used to analyze the HSUPA retransmission efficiency.

Discussion:

NSN: no comment for the first two measurements, we need more time to check other measurements.

Huawei: check the bullet a) in 4.34.x.1.

Ericsson: editorial error in acknowledge.

Decision:

The document was **revised to S5-080224**.

S5-080224 R8 32.405-810 Add measurements related to MAC-e feedback decoding

Source: China Mobile

(Replaces S5-080157)

Abstract:

Measurements related to number of successful transmission PDUs, retransmitted PDUs and total number of transmission PDUs of MAC-e are used to analyze the HSUPA retransmission efficiency.

Discussion:

MCC to remove rev marks in the CR cover and remove revisions over revision in the new text added in the CR body.

Decision:

The document was **revised to S5-080247**.

S5-080247 R8 32.405-810 Add measurements related to MAC-e feedback decoding

Source: China Mobile

(Replaces S5-080224)

Abstract:

Measurements related to number of successful transmission PDUs, retransmitted PDUs and total number of transmission PDUs of MAC-e are used to analyze the HSUPA retransmission efficiency.

Decision:

The document was **approved**.

S5-080158 R8 32.405-810 Add measurements related to octets of acknowledged MAC-e PDUs

Source: China Mobile

Abstract:

Measurements related to number of octets of acknowledged MAC-e PDUs are used to learn the HSUPA throughput in serving E-DCH cell.

Discussion:

Ericsson: we have no definition of throughput. Why do you limit the measurement in serving cell only?

CMCC: change the “throughput” to “data volume”.

Ericsson: check if the measurement in serving cell only.

Decision:

The document was **revised to S5-080225**.

S5-080225 R8 32.405-810 Add measurements related to octets of acknowledged MAC-e PDUs

Source: China Mobile

(Replaces S5-080158)

Abstract:

Measurements related to number of octets of acknowledged MAC-e PDUs are used to learn the HSUPA throughput in serving E-DCH cell.

Decision:

The document was **revised to S5-080248**.

S5-080248 R8 32.405-810 Add measurements related to octets of acknowledged MAC-e PDUs

Source: China Mobile

(Replaces S5-080225)

Abstract:

Measurements related to number of octets of acknowledged MAC-e PDUs are used to learn the HSUPA throughput in serving E-DCH cell.

Decision:

The document was **approved**.

S5-080159 R8 32.405-810 Add measurements related to channel switches between E-DCH and FACHDCH intra frequency

Source: China Mobile

Abstract:

Measurements related to channel switch are the basis for channel switch success rate for HSUPA between RACH/DCH and E-DCH. It is very useful to indicate network performance when channel switch is happened.

Discussion:

R1 version was presented in the meeting.

NSN: I need more time to check the r1 version.

Decision:

The document was revised to S5-080226.

S5-080226 R8 32.405-810 Add measurements related to channel switches between E-DCH and FACHDCH intra frequency

Source: China Mobile

(Replaces S5-080159)

Abstract:

Measurements related to channel switch are the basis for channel switch success rate for HSUPA between RACH/DCH and E-DCH. It is very useful to indicate network performance when channel switch is happened.

Decision:

The document was approved.

6.9 UID 360002 Key Performance Indicators (KPIs) for UMTS/GERAN (OAM8) - new TS 32.xyz

Progress: from 20% to 30%

S5-080160 CMCC Skeleton of draft specification KPI R8 32.xyz

Source: China Mobile

Abstract:

Skeleton of draft specification KPI R8

Discussion:

Ericsson: the contribution does not use the TS template.

SWG chair: the TS title

Ericsson: the term resource in KPI category should be changed to utilization.

Qualcomm: does the update related KPI include the cell update? I don't see any requirement for operators to get this info.

Motorola: it depends on whether it is an example or definitions. Propose to add definition in bullet 4 and 5.

CMCC: agree

Orange: what is the object for this TS? If you want to have the KPI of CS/PS/IMS, you need to add more information in KPI Category. Who calculate the KPI? Which NE?

SWG chair: propose to add annex in TS to address how the KPI can be used.

CMCC: it depends on the operators; we don't want to decide here.

Ericsson: missing availability in KPI category.

ACTION: China Mobile to update KPI TS 32.xyz for email approval as latest draft (action on: China Mobile / due by: 2008-02-14)

Decision:

The document was noted.

S5-080161 CMCC KPI overview part of draft specification KPI

Source: China Mobile

Abstract:

overview part of draft specification KPI

Discussion:

NSN: Which point of view you define the KPI? Network point of view or user point of view. It should be mentioned in the scope.

Motorola: what is user here?

CMCC: We try to limit the scope on the network point of view.

Orange: you have mentioned AS in previous contribution, how do you deal with this?

Decision:

The document was **needs more discussion**.

S5-080162 CMCC Input UTRAN KPIs defined in 32.814

Source: China Mobile

Abstract:

Input UTRAN KPIs defined in 32.814

Discussion:

NSN: before we go to the detail definition of KPI, It is good to provide the use case of each KPI.

Ericsson: agreed with NSN.

Motorola: agreed with NSN, but how to deal with use case in the TS? Propose add use cases in the annex.

SWG chair: It is a methodology issue; take an action item to solve how to introduce the use case for KPI and PM?

ACTION: SWG OAM Chair to propose a way forward to address how to introduce the use case for KPI and PM in TR 32.814. (action on: SWG OAM Chair / due by: 2008-02-10)

Decision:

The document was **needs more discussion due to methodology issue**.

S5-080163 CMCC Input GERAN KPIs defined in 32.814

Source: China Mobile

Abstract:

Input GERAN KPIs defined in 32.814

Discussion:

Input GERAN KPIs defined in 32.814

Decision:

The document was **needs more discussion due to methodology issue.**

S5-080164 CMCC common KPIs definition

Source: China Mobile

Abstract:

common KPIs definition

Discussion:

Nortel: what is the common KPI?

CMCC: We have defined it in the contribution.

Decision:

The document was **needs more discussion due to methodology issue.**

6.10 UID 360007 Study on SON related OAM interfaces for Home NodeB (OAM8-Study) - TR 32.821

Progress: from 30% to 40%

S5-080076 TR 32.821 New Skeleton

Source: Huawei

Discussion:

Ericsson: Current TR Title is too limiting (Interface - only. Proposed to change TR Title from "Study of SON related OAM Interfaces for Home NodeB" to "Study of SON related OAM for Home NodeB".

SWG OAM: Agreed.

Huawei to provide an updated TR 32.821 in line with comments made

ACTION: Huawei to update TR 32821 SON Study for email approval as latest draft (action on: Huawei / due by: 2008-02-14)

Decision:

The document was **update for email approval as latest draft.**

S5-080077 Self-Configuration business level requirement

Source: Huawei

Discussion:

Update in line with comments made and include in the TR update.

Decision:

The document was **agreed for inclusion in the TR update**.

S5-080078 Home NodeB Specification level requirement

Source: Huawei

Discussion:

Further discussion is needed.

Decision:

The document was **noted**.

**6.11 UID 360006 Study on System Maintenance over Itf-N (OAM8-Study)
- TR 32.822**

Progress: from 40% to 45%

S5-080145 Software version management of EM system for TR 32.822

Source: ZTE

Discussion:

NSN: requirement 2 and 5 are same?

ZTE: They are different. When notification is lost, in that case, use requirement 2.

NSN: requirement 2, suggest shall->should.

Ericsson: How long of the history?

Huawei: Do you mean NMS can fallback the sw in EMS?

ZTE: No.

Nortel: Which level do you want to standard?

Huawei: Use case 2, format disk?

Nortel: remove "version" in the section title.

ZTE: ok

Ericsson: What is a DM? ManageNode is a high level. Package number....

Huawei: DM is out of the scope.

Huawei: We must have a whole software version.

ZTE: Yes.

Ericsson: Worry about IOC problem...

ZTE: Goal of the TR.

Motorola: Maybe a new IRP operation. No need to modify IOC.

Motorola: We tend to define an interface IRP, then if necessary, NRM.

ZTE: Yes. That depends on solution.

Ericsson: still not agree the use case1.

Decision:

The document was **needs more discussion**.

S5-080167 EMS data backup and restoration for TR 32.822

Source: ZTE

Discussion:

More discussion needed.

Decision:

The document was **noted**.

S5-080168 Resources monitoring requirement for TR 32.822

Source: ZTE

Discussion:

More discussion needed.

Decision:

The document was **noted**.

S5-080175 Time synchronization requirement for TR 32.822

Source: ZTE

Discussion:

Motorola: NMS/EMS and Managers/Agents?

Huawei: can not understand use case 1.

ZTE: We have explain use case 1 several meetings ago.

Huawei: What is relation between use case 2 and requirement? Requirement 2 comes from where?

ZTE: maybe we modify the requirement 2.

Huawei: the level of requirement 1?

ZTE: minutes.

Huawei: For the time different larger than 4 hours, the NTP can not work.

ZTE: Not sure, need to check.

Include use cases in the TR.

Requirements are for further discussion.

ACTION: ZTE to update TR 32822 Maintenance over Itf-N Study for email approval as latest draft (action on: ZTE / due by: 2008-02-14)

Decision:

The document was **agreed to include use cases in TR 32.822**.

6.12 UID 370001 Subscriber and Equipment Trace for eUTRAN and EPC (OAM8) - CR 32.42x, 32.44x

Progress: from 20% to 30%

S5-080024 Resubmitted SA5#56: S5-071933 LS_in from RAN3 to SA5 on availability of IMSI and IMEI(SV) in eNB

Source: R3-072003

Abstract:

Title: LS on availability of IMSI and IMEI(SV) in eNB

Source: RAN3

To: SA5, SA3

1. Overall Description:

RAN3 thanks SA5 for their LS contained in R3-071789 (S5-071618) where RAN3 was asked if whether IMSI and IMEI (SV) are available in the eNB or whether there is any plan to make them available in eNB.

RAN3 also thanks SA3 for having provided their view in R3-071991 (S3-070863).

In response to SA5's question, RAN3 would like to provide the following answer:

Currently RAN3 has not identified the need to make use of IMSI and/or IMEI (SV) in the eNB, following the principles outlined in the LS from SA3 R3-071991 (S3-070863).

ACTION:

RAN3 would like to ask SA5 to provide more details on the intended tracing scheme and the related requirements for IMSI and/or IMEI (SV) being available in the E-UTRAN.

Postponed from SA5#56 to SA5#57.

Discussion:

Presented by Vodafone.

Ericsson: we have not seen the need to provide IMSI and/or IMEI.

Decision: no requirement agreed for IMSI and/or IMEI in eNodeB trace function. Reply to RAN3 (Adrian Neal) to inform the SA5 agreement.

Decision:

The document was **replied in S5-080229**.

S5-080229 LS_out reply to RAN3 on availability of IMSI and IMEI(SV) in Enb (Reply to S5-080024)

Source: SA5 (Adrian N)

(Replaces S5-080024)

Decision:

The document was **approved**.

S5-080134 Add trace functionality for E-UTRAN in 32.421

Source: Ericsson

Abstract:

Update of S5-071937.

Discussion:

NSN: propose to remove “technology” in Trace Reference.

Motorola: propose to change operator to network.

Vodafone: we should allow trace reference for each operators.

CMCC: China mobile have two MNC for one network. How to use MNC as trace reference.

NSN: editorial error in high-level requirements for Trace Session activation.

Vodafone: editorial error in high-level requirements for Trace Session activation.

Decision:

The document was revised to S5-080230.

S5-080230 R8 CR 32.421-800 Add trace functionality for E-UTRAN

Source: Ericsson

(Replaces S5-080134)

Abstract:

Update of S5-071937.

Decision:

The document was revised to S5-080241.

S5-080241 R8 CR 32.421-800 Add trace functionality for E-UTRAN

Source: Ericsson

(Replaces S5-080230)

Abstract:

Update of S5-071937.

Discussion:

Two alternatives in S5-080240 and S5-080249.

Decision:

The document was approved.

S5-080171 Introduction of EPC and E-UTRAN in Trace IRP

Source: Ericsson

Discussion:

Vodafone: How identify subscribers in e-NodeB ?

Ericsson: ..

Motorola: ...

Ericsson: Trace session recording ID will be different for each subscriber. Cell trace it is not covered by this proposal. This covers only SBA.

Update in line with comments made (TS version#, Clause numbering, yellow highlighted text, CR Title/Category, Other affected specs. etc.)

ACTION: Ericsson to update CR in line with comments made
(action on: Ericsson / due by: 2008-02-10)

Decision:

The document was noted.

6.13 UID 370002 End point modelling for reference point (OAM8) - CR
32.152, 32.62/3/4x, 32.73x

Progress: from 10% to 10%

S5-080098 CR R8 32.622 Add end point modelling method for reference point
Source: Motorola, Nortel, CMCC

Discussion:

Ericsson: Is RP_EP both contained and inherited from managedfunction.

Motorola: we don't introduce any new thing, we have similar IOCs as RNCfunction.

Ericsson: We don't agree RP_EP as managedfunction. What is difference between RP_EP with termination point in ITU-T. What is the RP_EP here?

Motorola: it is part of termination point defined in ITU-T.

Ericsson: question on the FarEndEntity, why do you refer to the parent of another RP_EP?

Motorola: we introduced the RP_EP from TP.

Ericsson: TP doesn't refer to another TP. But RP_EP refer to another RP_EP.

Motorola: agreed to align with the approach of TP in ITU-T.

NSN: What is the relation between ATMChannelTerminationPoint and RP_EP?

Motorola: in this case RP_EP will not be defined in RNCFunction.

Nortel: We define a simple object derive from TP.

Huawei: what is problem in exiting method? Why the exiting link method can not meet your requirement?

CMCC: present the problem using link method in AM/PM.

Decision:

The document was **needs more discussion**.

S5-080099 CR R8 32.152 Add sample for end point modelling for reference point
Source: Motorola, Nortel, CMCC

Discussion:

No presentation due to need for more offline discussion on previous contribution (S5-080098).

Decision:

The document was **needs more discussion**.

6.14 UID 380037 EPC NRM IRP (EPC-OAM) - new TS 32.75x-family

Progress: from 0% to 10%

S5-080127 Supporting paper for EPC NRM IRP TD

Source: Nortel, Huawei

Decision:

[The document was noted.](#)

S5-080072 TS 32.751 EPC NRM IRP Requirements

Source: Nortel, Huawei

Discussion:

Update in line with comments made. Provide an updated draft to the OAM exploder at the latest 1 week after this meeting.

SA5 Vice Chair and Methodology expert (Thomas Tovinger) proposed to change the title of the E-UTRAN/EPC TSs in order to align them with 32.731 and 32.732.

**ACTION: Nortel to update TS 32.751 EPC NRM for email approval as latest draft
(action on: Nortel / due by: 2008-02-14)**

Decision:

The document was update for email approval as latest draft.

S5-080073 TS 32.752 EPC NRM IRP (IS) Skeleton of

Source: Huawei, Nortel

Discussion:

Update in line with comments made. Provide an updated draft to the OAM exploder at the latest 1 week after this meeting.

**ACTION: Huawei to update TS 32.752 EPC NRM for email approval as latest draft
(action on: Huawei / due by: 2008-02-14)**

Decision:

The document was update for email approval as latest draft.

S5-080074 Entity Object Model of EPC NRM IRP (IS)

Source: Huawei, Nortel

Discussion:

Update in line with comments made.

Decision:

[The document was noted.](#)

S5-080075 Link Object Model of EPC NRM IRP (IS)

Source: Huawei, Nortel

Discussion:

Update in line with comments made.

Decision:

The document was noted.

S5-080129 WID on EPC NRM IRP

Source: SA#38 (SP-070737)

Discussion:

Update in line with comments made (TS Titles, schedules as appropriate).

**ACTION: Huawei to update WID in line with comments made (TS Titles, schedules as appropriate).
(action on: Huawei / due by: 2008-02-10)**

Decision:

The document was to be revised after the meeting.

**6.15 UID 380036 E-UTRAN NRM IRP (E-UTRAN-OAM) - new TS
32.76x-family**

Progress: from 0% to 10%

S5-080118 32.762 E-UTRAN NRM IRP IS -000

Source: Ericsson

Discussion:

Update in line with comments made. Provide an updated draft to the OAM exploder at the latest 1 week after this meeting.

**ACTION: Ericsson to update TS 32762 E-UTRAN NRM for email approval as latest draft
(action on: Ericsson / due by: 2008-02-14)**

Decision:

The document was update for email approval as latest draft.

S5-080119 32.761 E-UTRAN NRM IRP Requirements -000

Source: Ericsson

Discussion:

Update in line with comments made. Provide an updated draft to the OAM exploder at the latest 1 week after this meeting.

**ACTION: Ericsson to update TS 32761 E-UTRAN NRM for email approval as latest draft
(action on: Ericsson / due by: 2008-02-14)**

Decision:

The document was update for email approval as latest draft.

S5-080130 WID on E-UTRAN NRM IRP

Source: SA#38 (SP-070738)

Discussion:

Update in line with comments made (TS Titles, schedules as appropriate).

ACTION: Ericsson to update the WID in line with comments made
(action on: Ericsson / due by: 2008-02-10)

Decision:

The document was **to be revised after the meeting.**

6.20 New OAM Work Item proposals

S5-080053 New WID on E-UTRAN performance measurements
Source: Motorola, Vodafone, Nortel, ZTE, NSN, TMO

Abstract:

S5-080053 includes the Huawei new WID proposal in S5-080061 which was withdrawn.

Discussion:

Ericsson: objective 1, how to address Ift-P2P related performance measurements?

Motorola: so far the agreement is to define only Ift-N measurements.

It is possible to extend the scope if other companies support.

Ericsson: Is this related to KPI definition?

Motorola: Current KPI work task is for UMTS and GERAN, so we do not have link with KPI study now.

Huawei: Concern for the use case needs to be provided for each measurement. UMTS measurements do not need requirement or use case. Suggest to create separated TS for use case or requirement.

Motorola: we need the use cases, but where it could be located could be discussed, maybe annex or other TS/TR.

T-Mobile: SON is real part of rel-8 WI, but it is not defined in this WI, we need some time to study the WI in the correlation. We will response in next meeting.

MCC: supporting company needs to support.

Motorola: only measurements not only used by SON shall be defined in this WI.

Motorola: SON measurement requirement should be discussed in SON WI, if SON needs the measurement via Ift-N it could be studied in this WI.

SWG Chair: This WI is not only for SON. Can we come back to this at later time in this meeting?

MCC: Justification needs to be modified, and the schedule of TS should be more challenge. Xuelong proposal for TS/TR for use case needs to be decided.

MCC: currently this WI is not for SON.

Ericsson: how do we know one measurement is not for SON?

Motorola: We defined the use case, if the use case is for SON, then...

Ericsson/NSN: More discussion and maybe agreement is waiting for next meeting.

Conclusion: SWG chair take an action to figure out the solution for supporting use case TS/TR. Corresponding change for subsection and schedule should be updated.

Schedules should fit in the 3GPP Rel-8 timeframe (target Dec 2008)

Decision:

The document was **revised to S5-080244, S5-080246.**

S5-080103 Supporting paper for the WID Performance measurement for LTE

Source: Huawei

Decision:

The document was **postponed to next meeting (not treated due to lack of time)**.

S5-080244 New WID on E-UTRAN performance measurements - Version A

Source: Motorola, HUAWEI, Vodafone, Nortel, ZTE, T-Mobile, Nokia Siemens Networks, CMCC, Telecom Italia, Orange, Ericsson

(Replaces S5-080053)

Discussion:

Schedules should fit in the 3GPP Rel-8 timeframe (target Dec 2008)

Decision:

The document was **postponed to next meeting**.

S5-080246 New WID on E-UTRAN performance measurements - Version B

Source: Motorola, HUAWEI, Vodafone, Nortel, ZTE, T-Mobile, Nokia Siemens Networks, CMCC, Telecom Italia, Orange, Ericsson

(Replaces S5-080053)

Discussion:

Schedules should fit in the 3GPP Rel-8 timeframe (target Dec 2008)

Decision:

The document was **postponed to next meeting**.

S5-080061 RESUBMISSION of S5-071764 new WID on Performance measurement for LTE

Source: Huawei

Discussion:

Included already in the Motorola WID proposal in S5-080053.

Decision:

The document was **withdrawn**.

S5-080070 New WID on Self-Configuration

Source: Nokia Siemens Networks

Discussion:

Ericsson: we have many study has been addressed in TR, so how to proceed.

NSN: for the work has been done just copy, for additional study it needs to addressed by this WI.

T-Mobile: we need to have a WI for entire SON.

Huawei: EPC and E-UTRAN NRM have been addressed by other WI.

NSN: there is one interface being established which has linkage with EPC.

MCC: it is a bit complex to put different umbrella features into one.

T-Mobile: We wish to study SON as a building block but we do not object individual WI proposal.

Conclusion: Further discussion together with umbrella WID.

All related SON WIDs had been postponed to the next meeting.

Decision:

The document was **postponed to next meeting.**

S5-080202 Proposal for SON Work Items in SA5

Source: T-Mobile, Vodafone

Abstract:

Proposes a concept for SON standardization with 4 Building Blocks. WIDs from some of these BBs had been proposed to this meeting.

Discussion:

Ericsson: SON capability is distributed, what do you mean by centralized...

T-mobile: SON needs central planning in rel-8 at least, central control via Ift-N would be the fundamental.

Ericsson: we don't share the same opinion.

Ericsson: for outcome, is that intended to study the NRM for SON specifics and then put to general E-UTRAN and EPC NRM?

T-mobile: This outcome only supports SON specific operation, alarm, measurements.

Motorola: for self-optimisation outcome we also need E-UTRAN and EPC measurement additions for SON.

Huawei: some SON related measurements will not be visible through Ift-N, but some of them will.

Motorola: we could enlarge the scope of measurement to Ift-S or ift-P2P if there is a supporting use case.

T-mobile: We need to collect various WI regarding SON, not concrete contributions.

MCC: BB is not in meeting plan.

T-mobile: we need to have more time to study how to fit together various aspects.

T-mobile: we propose to reach consensus among related companies in next meeting.

The group had the feeling that an umbrella WID is needed to encompass the 4 BBs. All related SON WIDs had been postponed to the next meeting.

T-Mobile etc. to provide a SON Umbrella WID for next meeting

ACTION: All to provide an "Umbrella" WID to cover all SON aspects in SA5 and new WIDs proposals for the underlying 4 Building Blocks identified (action on: All / due by: 2008-02-10)

Decision:

The document was **postponed to next meeting.**

S5-080148 CMCC New WID on EPC Performance Measurements

Source: China Mobile

Abstract:

New WID on EPC Performance Measurements

Decision:

The document was **postponed to next meeting (not treated due to lack of time)**.

S5-080172 E WID SON Neighbour Cell List (NCL) Architecture Handling

Source: Ericsson

Discussion:

All related SON WIDs had been postponed to the next meeting.

Decision:

The document was **postponed to next meeting (not treated due to lack of time)**.

S5-080243 SON self optimization handling

Source: Huawei

Discussion:

All related SON WIDs had been postponed to the next meeting.

Decision:

The document was **postponed to next meeting**.

7 Charging Management

CH SWG Chair Patrik TEPPPO (Ericsson)

CH SWG Vice Chair Nick MAZZARELLA (Alcatel-Lucent)

CH SWG Vice Chair Mingjun SHAN (Huawei)

7.0 Charging Plenary

S5-080016 CH Agenda and Time Plan

Source: CH Chair

Decision:

[The document was **noted**.](#)

S5-080017 CH Detailed Report from LAST Meeting

Source: CH Chair

Decision:

[The document was **noted**.](#)

S5-080018 CH List of documents

Source: CH Vice Chair

Decision:

[The document was **noted**.](#)

S5-080019 CH Executive Report from THIS Meeting

Source: CH Chair

Abstract:

SWG Charging will start on Monday at meeting #58 due to new Rel-8 Work Items.

SWG Charging will start on Tuesdays at meetings #59, #60 and #62.

SWG Charging will not meet during SA5#61.

Discussion:

Final decision on participation to meeting #61 in DaLian is #59 in Chengdu.

The 1st draft TS 32.280 v010 "Advice of Charge (AoC) service" should be registered in the 3GPP database and after processing/clean-up by ETSI EditHelp should be submitted to #58 Malta meeting and to the 3GPP web site under the "Latest Drafts" directory.

There are NO TISPAN specifications to be maintained by SA5.

SWG CH Chair to prepare a statement for SA5 email approval for submission to the 3GPP/3GPP2 Workshop e/o Jan 2008.

Joint session with ETSI TISPAN WG2

The proposal from the meeting is to not start any work item for maintenance of the ES 282 010. This specification only refers to 3GPP charging specification and specifies an Advice of Charging service. SA5 has a work item for AoC in IMS that will complete the TISPAN service based on requirements in TS 22.115. Any other extensions will be based on SA1 requirements with new work items or small enhancement.

3GPP and 3GPP2 common IMS

The proposal is to not bring in anything from 3GPP2 in 3GPP on IMS charging due to that 3GPP2 specs are only copy from 3GPP specifications. The only issue is that 3GPP charging architecture has an AAA function, that implements the 3GPP functions of Charging Data Function (CDF) and Charging Gateway Function (CGF), which doesn't exist in 3GPP charging architecture. Instead 3GPP have the CDF and CGF as separate functions. Online charging is not part of 3GPP2.

ACTION: MCC to register/clean-up the draft TS 32.280-010 "AoC service" and subsequently submitted to 3GPP web under the Latest Drafts directory (action on: MCC / due by: 2008-02-10)

Decision:

The document was noted.

S5-080020 CH Detailed Report from THIS Meeting

Source: CH Vice Chair

Decision:

The document was to be provided after the meeting.

S5-080034 LS_in from CT4 to SA5 on New WI and TR for Diameter-based protocols usage and recommendations in 3GPP

Source: C4-071927

Abstract:

Work Item: SAE/LTE

Source: CT4

To: SA5

1. Overall Description:

In CT4#37 meeting, CT4 discussed requirements for the eGTP protocol in 3GPP Release 8. GTP' was defined in pre-Rel 8 specifications for the interface between CDR generating functional network elements and Charging Gateway(s) within a PLMN. Pre-Rel 8 GTP allocates messages, information elements and cause codes for GTP'.

In view of that charging is moving towards using Diameter based charging protocols in the EPC for 3GPP Release 8, CT4 kindly asks SA5 to take note of the conclusion made by CT4, that it is not necessary to support the GTP' protocol in the eGTP protocol in Rel 8.

Decision:

The document was **noted (no reply needed)**.

S5-080035 LS_in from CT4 to SA5 on Stage 2 Documentation Principles for SAE Specifications

Source: C4-072034

Abstract:

Work Item: SAE/ LTE

Source: CT4

To: SA2, CT1, CT3, RAN2, RAN3, GERAN2, SA5

Attachments: C4-071516 (LS on Stage 2 Documentation Principles for SAE Specifications)

1. Overall Description:

CT4 thanks SA2 for the LS on "Stage 2 Documentation Principles for SAE Specifications" in S2-073894 (C4-071516) , which was discussed during the joint session on SAE in Kobe, Japan. T

he following is CT4 understanding from that discussion:

1. In general it is not necessary that stage 2 specifications provide complete lists of information elements for the messages, which are specified within procedure definitions; normal stage 2 procedures should apply. Previous specification of TS 23.060 was an exception to this and it is understood that trying to maintain an exact match with Stage 3 would be inefficient.
2. Although not absolutely necessary it is desirable that message names and parameter names in stage 3 can be easily correlated with stage 2 names and also the same message or parameter described across different stage 2's or TRs should have the same names. Therefore stage 3 protocol may re-use the same names and also if a stage 3 protocol message is known and intended for use in stage 2 then this should not be discouraged.
3. The decision whether to include non-key parameters or even what are non-key parameters should be made on a case by case basis rather than trying establishing rules that may be difficult to administer.
4. If during stage 3 work CT WGs discover a parameter that is important to the procedures between different nodes it shall be possible to update the stage 2 specification if such a parameter or its handling is not present in the stage 2 description. One specific issue that CT4 has already identified with the current version of TS 23.401 v1.2.1 (2007-09), which specifies that "MME Context ID" and "Serving Gateway Context ID" are exchanged by MME and SGW with Create Default Bearer Request / Response messages, respectively. The information elements however were not defined in TS 23.401.

It is CT4 understanding that these parameters refer to "MME's S11 interface TEID for Control Plane" and "SGW's S11 interface TEID for Control Plane", respectively.

2. Actions:

ACTION: CT4 asks SA2 group to confirm that the above was the understanding from the joint meeting and also consider specifically the following matter:

1. Clarifying the following ambiguity in TS 23.401:

o if “MME Context ID” and “Serving Gateway Context ID” information elements in the message parameter list in TS 23.401 represent respective TEIDs, CT4 would ask SA2 to either rename them into ‘TEID’, or to remove them from the list altogether.

o Otherwise, CT4 would like to ask SA2 to kindly define the meaning of “MME Context ID” and “Serving Gateway Context ID” information elements in TS 23.401.

ACTION: CT4 asks CT1, CT3, RAN2, RAN3, GERAN2 and SA5 groups to consider keeping aligned the message and parameter names with stage 2 specs and also across stage 3 specs.

Decision:

The document was **noted (no reply needed)**.

S5-080066 SA1 R8 CRs 22.115 approved at SA#38

Source: MCC

Abstract:

SA5 should assess the impact of the SA1 R8 CR 22.115 approved at SA#38 and the necessary work to be done on Stage 2/3/ Charging in SA5

Decision:

The document was **noted**.

S5-080067 SA1 WIDs impacting charging, approved at SA#38

Source: MCC

Abstract:

SA5 should assess the impact of the SA1 WIDs impacting charging, approved at SA#38 and the necessary work to be done on Stage 2/3/ Charging in SA5

Decision:

The document was **noted**.

S5-080068 SA2 WIDs impacting charging, approved at SA#38

Source: MCC

Abstract:

SA5 should assess the impact of the SA2 WIDs impacting charging, approved at SA#38 and the necessary work to be done on Stage 2/3/ Charging in SA5

Decision:

The document was **noted**.

**S5-080069 Transfer of Specifications Related to Common IMS
(14tTD511r4_WorkProgramme_status_of_TISPAN_Wg3 extract_v006.xls)**

Source: MCC

Decision:

The document was **noted**.

S5-080115 3GPP 3GPP2 common IMS proposed WIDs

Source: Ericsson

Discussion:

SWG CH Chair to prepare a statement for SA5 email approval for submission to the 3GPP/3GPP2 Workshop e/o Jan 2008

ACTION: SWG CH Chair to prepare a statement for SA5 email approval for submission to the 3GPP/3GPP2 Workshop e/o Jan 2008 (action on: SWG CH Chair / due by: 2008-02-10)

Decision:

[The document was **noted**.](#)

S5-080121 Minutes of 19 Dec 2007 conference call with TISPAN WG2 on transfer of charging specification
Source: CH SWG Chair

Decision:

[The document was **noted**.](#)

S5-080177 TS 22.115 v8.2.0
Source: SWG CH

Decision:

[The document was **noted**.](#)

S5-080183 Middle tier TS Template
Source: SWG CH chair

Decision:

[The document was **noted**.](#)

7.1 Charging Maintenance and Rel-8 small Enhancements

S5-080043 Correct Access-Network-Information in IMS-Information AVP
Source: Alcatel-Lucent

Abstract:

In 32.299 the Access-Network-Information field in the IMS-Information AVP is incorrectly identified as a single event. It should be marked for multiple use by adding a "*" in front of the descriptor."

Decision:

[The document was **withdrawn**.](#)

S5-080044 Rename Unsuccessful Session Setup in Cause-Code AVP
Source: Alcatel-Lucent

Abstract:

The Unsuccessful Session setup description for Cause Code failure type 2 in Cause-Code AVP in #2.299 is incorrectly named. It should be changed to SIP Cancel to reflect the actual failure type.

Decision:

The document was **withdrawn before the meeting**.

S5-080045 Correct Release Identifier and TS Number ranges in 32.297

Source: Alcatel-Lucent

Abstract:

The descriptions for Release Identifier and TS Number in the CDR FTP document 32.297 are incorrect and outdated. This CR fixes an incorrect numeric description and changes ranges to reflect actual industry realities and makes allowances for future 3G growth.

Decision:

The document was **revised to S5-080186**.

S5-080046 Add Ga/Gz into Offline Mapping in 32.240

Source: Alcatel-Lucent

Decision:

The document was **withdrawn before the meeting**.

S5-080054 draft LS_out from SA5 to CT4 on AVP code allocation

Source: Nokia Siemens Network

Decision:

The document was **revised to S5-080185**.

S5-080055 CT4 R7 CR 29.230 AVP code allocation for Charging

Source: Nokia Siemens Networks

Decision:

The document was **revised to S5-080192**.

S5-080056 CT4 R8 CR 29.230 AVP code allocation for Charging

Source: Nokia Siemens Networks

Decision:

The document was **revised to S5-080193**.

S5-080060 R8 CR 32.299 Alignment on AVP codes

Source: Nokia Siemens Networks

Decision:

The document was **withdrawn**.

S5-080116 R7 CR 32.299 Alignment on AVP codes

Source: Nokia Siemens Networks

Decision:

The document was **withdrawn**.

S5-080123 Discussion Paper on Issues on Online Correlation

Source: Huawei, CMCC

Decision:

The document was **noted**.

S5-080124 R8 CR 32299 Usage of CC-Correlation-Id in online charging

Source: Huawei, CMCC

Decision:

The document was **revised to S5-080188**.

S5-080125 R8 CR 32299 Addition of AVPs for online charging correlation

Source: Huawei, CMCC

Decision:

The document was **withdrawn**.

S5-080126 R8 CR 32299 Alignment of Number-Of-Messages-Sent AVP with 32.274

Source: Huawei

Decision:

The document was **revised to S5-080191**.

S5-080178 Presentation of issues on AoC and RTTI

Source: Amdocs

Decision:

The document was **noted**.

S5-080185 LS_out from SA5 to CT4 on AVP code allocation

Source: SA5 (Gerald)

(Replaces S5-080054)

Decision:

The document was **approved**.

S5-080186 Correct Release Identifier and TS Number ranges in 32.297

Source: Alcatel-Lucent

(Replaces S5-080045)

Decision:

The document was **approved**.

S5-080188 R8 CR 32299 Usage of CC-Correlation-Id in online charging
Source: Huawei, CMCC

(Replaces S5-080124)

Decision:

The document was **approved**.

S5-080190 Rel-8 CR 32.251 Implications on architecture considerations for EPC Charging
Source: Nokia Siemens Networks

(Replaces S5-080059)

Decision:

The document was **approved**.

S5-080191 R8 CR 32299 Alignment of Number-Of-Messages-Sent AVP with 32.274
Source: Huawei

(Replaces S5-080126)

Decision:

The document was **approved**.

S5-080192 CT4 Rel-7 CR 29.230 AVP code allocation for Charging
Source: Nokia Siemens Networks

(Replaces S5-080055)

Decision:

The document was **agreed for transfer to CT4**.

S5-080193 CT4 Rel-8 CR 29.230 AVP code allocation for Charging
Source: Nokia Siemens Networks

(Replaces S5-080056)

Decision:

The document was **agreed for transfer to CT4**.

**7.2 UID 380038 EPC Charging (EPC-CH) - CR 32.240/ 296/ 251/ 252/
298/ 299**

Progress: from 0% to 15%

S5-080058 R8 CR 32.251 Implications on scope, references and definitions for EPC Charging
Source: Nokia Siemens Networks

Decision:

The document was **revised to S5-080189**.

S5-080059 R8 CR 32.251 Implications on architecture considerations for EPC Charging
Source: Nokia Siemens Networks

Decision:

The document was revised to S5-080190.

S5-080128 WID on EPC Charging
Source: SA#38 (SP-070736)

Decision:

The document was noted.

S5-080189 Rel-8 CR 32.251 Implications on scope, references and definitions for EPC Charging
Source: Nokia Siemens Networks

(Replaces S5-080058)

Decision:

The document was approved.

7.3 UID 380042 AoC support in IMS Charging (IMSTSS) - new TS 32.280, CR 32.240/260/296/298/299

Progress: from 0% to 10%

S5-080057 TS 32.280 v001 Advice of Charge (AoC) service
Source: Nokia Siemens Networks

Decision:

The document was revised to S5-080184.

S5-080131 WID on Advice of Charge (AoC) support in IMS Charging
Source: SA#38 (SP-070739)

Decision:

The document was noted.

S5-080184 TS 32.280 v010 Advice of Charge (AoC) service
Source: Nokia Siemens Networks

(Replaces S5-080057)

Decision:

The document was agreed for MCC TS# registration/clean-up.

7.4 UID 380041 MMTel Charging (MMTel-CH) - new TS 32.27x, CR 32.298/299

Progress: from 0% to 0%

S5-080050 Create Draft TS Doc of MMTel Charging

Source: Alcatel-Lucent

Abstract:

Create new TS document TS 32.27x for MMTel Charging. This document is a place holder for incoming MMTel CRs against the MMTel work item.

Decision:

[The document was **noted**.](#)

S5-080132 WID on Multimedia Telephony Service and Supplementary Services (MMTel) Charging

Source: SA#38 (SP-070749)

Decision:

[The document was **noted**.](#)

7.5 UID 370003 Add Interconnection Border Control Function (IBCF) to IMS Charging (IMSTSS) - CR 32.240/260/298/299

Progress: from 5% to 70%

S5-080047 Add IBCF into IMS Charging Architecture

Source: Alcatel-Lucent

Abstract:

Add a box in the IMS Charging Architecture diagram in TS 32.240 and supporting definitions for IBCF.

Decision:

[The document was **revised to S5-080179**.](#)

S5-080048 Add IBCF into TS 32.260

Source: Alcatel-Lucent

Abstract:

Add IBCF definitions, descriptions, and flows into TS 32.260 to support IBCF addition into IMS Charging.

Decision:

[The document was **revised to S5-080180**.](#)

S5-080049 Add IBCF into Diameter Charging Applications

Source: Alcatel-Lucent

Abstract:

Add IBCF into Diameter Charging Applications document TS 32.299 for supporting IMS AVP definitions.

Decision:

The document was revised to S5-080181.

S5-080052 R8 CR 32.298 Add CDR fields table for IBCF

Source: Alcatel-Lucent

Abstract:

Add CDR fields table for IBCF to TS 32.298 as part of a Work Item.

Decision:

The document was revised to S5-080182.

S5-080179 Add IBCF into IMS Charging Architecture

Source: Alcatel-Lucent

(Replaces S5-080047)

Decision:

The document was approved.

S5-080180 Add IBCF into TS 32.260

Source: Alcatel-Lucent

(Replaces S5-080048)

Decision:

The document was approved.

S5-080181 Add IBCF into Diameter Charging Applications

Source: Alcatel-Lucent

(Replaces S5-080049)

Decision:

The document was approved.

S5-080182 R8 CR 32.298 Add CDR fields table for IBCF

Source: Alcatel-Lucent

(Replaces S5-080052)

Decision:

The document was approved.

7.6 UID 380046 WLAN Offline Charging (CH8) - CR 32.252/298/299

Progress: from 0% to 0%

S5-080133 WID on WLAN Offline Charging

Source: SA#38 (SP-070750)

Decision:

[The document was noted.](#)

7.20 New Charging Work Item proposals

S5-080042 Discussion of charging doc merger for 3GPP/3GPP2 Common IMS

Source: Alcatel-Lucent

Abstract:

This is a discussion of probable work for Common IMS charging. The harmonisation between 3GPP and 3GPP2 IMS will accommodate the merger, and the amount of work will be straight forward.

Decision:

[The document was noted.](#)

S5-080064 Overview of TISPAN Charging WI02037 and some proposals for the transfer to 3GPP SA5

Source: Deutsche Telekom

Abstract:

Contribution to the ad-hoc meeting between TISPAN WG2 and 3GPP SA5 Charging SWG, showing an overview of TISPAN WI02037 and proposals for work transfer.

Discussion:

At the joint session between TISPAN WG2 and 3GPP SA#5 SWGB on Charging at SA5#57, 08 Jan 2008, Matthias Seibel (Deutsche Telekom) presented:

Overview

Charging-related requirements (Stage 1)

Impact on IMS functional architecture and accounting messages/CDRs (Stage 2)

Overview of protocol changes in SIP (Stage 3)

Transfer of TISPAN work to 3GPP (discussion)

Decision:

[The document was noted.](#)

S5-080187 3GPP2 charging specification

Source: Alcatel-Lucent

Decision:

[The document was noted.](#)

8 Review of the 3GPP Work Plan

SWGs revisited their WIDs having deadlines for delivery to the next SA plenary and proposed changes for 3GPP Work Plan and TR 30.818 updates.

MCC to update with new WID/ target Dates / Deliverables (TS/TR)

S5-080009 R8 Deliverables due for the NEXT SA plenary

Source: MCC

ACTION: SWG Chairs to add changes to the WIDs in the SWG Executive Report
(action on: SWG Chairs / due by: 2008-02-22)

ACTION: SWG to provide updated WIDs if the technical substance is changing (Justification, Objectives of the WID)
(action on: SWGs / due by: 2008-02-22)

Decision:

[The document was noted.](#)

S5-080010 TR 30.818 Project scheduling and open issues for SA5 Release 8

Source: MCC

ACTION: SWG Chairs to add changes to the WIDs in the SWG Executive Report
(action on: SWG Chairs / due by: 2008-02-22)

ACTION: SWG to provide updated WIDs if the technical substance is changing (Justification, Objectives of the WID)
(action on: SWGs / due by: 2008-02-22)

Decision:

[The document was noted.](#)

9 Any Other Business

No contribution to this meeting

10 Close of Meeting

On behalf of the SA5 participants, Christian TOCHE (SA5 Chair) thanked the Host for the beautiful venue and excellent meeting facilities.

The meeting was closed on Friday at 13.00 hrs.

Annex A: List of contribution documents

Tdoc	Title	Source	Doc-type	Agenda	Decision	Replaced-by	Replaces
S5-080001	Agenda	WG Chairman	Tdoc	2	approved		
S5-080002	Report of the last SA5 meeting	MCC	report	4.1	withdrawn		
S5-080003	SA5 status report at the last SA meeting	WG Chairman	report	4.2	noted		
S5-080004	Liaison Statement Status BEFORE this meeting	WG Vice Chairman	Tdoc	4.3	noted		
S5-080005	Liaison Statement Status AFTER this meeting	WG Vice Chairman	Tdoc	4.3			
S5-080006	SA5 Structure and Meeting Facility Requirements	WG Vice Chairman	Tdoc	5.1	withdrawn		
S5-080007	Draft TS/TR Management Process	WG Vice Chairman	Tdoc	5.1	revised	S5-080250	
S5-080008	SA5 Meeting Calendar	WG Chairman	Tdoc	5.2	noted		
S5-080009	R8 Deliverables due for the NEXT SA plenary	MCC	Tdoc	8	noted		
S5-080010	TR 30.818 Project scheduling and open issues for SA5 Release 8	MCC	Tdoc	8	noted		
S5-080011	OAM Time Plan	OAM Chair	Tdoc	6.0	approved		
S5-080012	OAM Detailed Report from LAST Meeting	OAM Chair	report	6.0	revised	S5-080200	
S5-080013	OAM Action Item Register (from previous meetings, LSs, Conference Calls)	OAM Vice Chair	Tdoc	6.0	open		
S5-080014	OAM Executive Report from THIS Meeting	OAM Chair	report	6.0	noted		
S5-080015	OAM Detailed Report from THIS Meeting	OAM Vice Chair	report	6.0	noted		
S5-080016	CH Agenda and Time Plan	CH Chair	Tdoc	7.0	noted		
S5-080017	CH Detailed Report from LAST Meeting	CH Chair	report	7.0	noted		
S5-080018	CH List of documents	CH Vice Chair	Tdoc	7.0	noted		
S5-080019	CH Executive Report from THIS Meeting	CH Chair	report	7.0	noted		
S5-080020	CH Detailed Report from THIS Meeting	CH Vice Chair	Tdoc	7.0	to be provided after the meeting		
S5-080021	Resubmitted SA5#56: S5-071728 LS_in from ITU-T SG4 on Collaboration for developing Rec. M.sms - Security management systems functional requirements	ITU-T SG4 LS 116r1	i/c LS	6.0	closed		
S5-080022	Resubmitted SA5#51: S5-071719 LS_in from 3GPP2 to 3GPP SA5 on OAM&P Topics	3GPP2	i/c LS	6.1	replied in S5-080205	S5-080205	
S5-080023	Resubmitted SA5#54: S5-071720 LS_in from 3GPP2 (to SA5) on Tools To Automatically Build NRM CORBA IDL And XSD Documents	3GPP2	i/c LS	6.2	replied in S5-080232		
S5-080024	Resubmitted SA5#56: S5-071933 LS_in from RAN3 to SA5 on availability of IMSI and IMEI(SV) in eNB	R3-072003	i/c LS	6.12	replied in S5-080229	S5-080229	
S5-080025	LS_in from 3GPP2 to SA5 on A Number Of 3GPP SA5 R7 Items	3GPP2	i/c LS	6.1	ongoing		
S5-080026	CR quality check process	WG Chairman	Tdoc	5.3	approved		
S5-080027	LS_in from TISPAN to TMF mTOP and 3GPP SA5 regarding joint activities in Service Management and Subscription Management	TISPAN (15bTD431r2)	i/c LS	6.0	replied in S5-080203	S5-080203	
S5-080028	List of R8 Feature-level WI for SA5 WID preparations based on SA#38 Agenda	MCC	Tdoc	5.3	noted		
S5-080029	LS_in from RAN1 copy SA5 on Physical-layer Cell Identity Collision	R1-075099	i/c LS	6.7	noted (no reply needed)		

S5-080030	LS_in from 3GPP2 copy SA5 on Codecs and Common IMS	3GPP2	i/c LS	4.3	noted (no reply needed)		
S5-080031	LS_in from RAN3 to SA5 on Automatic Neighbour Relation function	R3-072401	i/c LS	6.7	replied in S5-080239	S5-080239	
S5-080032	LS_in from RAN3 copy SA5 on Inter-RAT/frequency Automatic Neighbour Relation Function	R3-072403	i/c LS	6.7	noted (no reply needed)		
S5-080033	LS_in from RAN3 copy SA5 on feasibility of using RLF recovery to aid neighbour discovery	R3-072408	i/c LS	6.7	noted (no reply needed)		
S5-080034	LS_in from CT4 to SA5 on New WI and TR for Diameter-based protocols usage and recommendations in 3GPP	C4-071927	i/c LS	7.0	noted (no reply needed)		
S5-080035	LS_in from CT4 to SA5 on Stage 2 Documentation Principles for SAE Specifications	C4-072034	i/c LS	7.0	noted (no reply needed)		
S5-080036	LS_in from RAN2 to SA5 on RACH optimisation use case	R2-075464	i/c LS	6.7	replied in S5-080240	S5-080240	
S5-080037	LS_in from GERAN copy SA5 on feasibility of using RLF recovery to aid neighbour discovery (R3-072408)	GP-072012	i/c LS	6.7	noted (no reply needed)		
S5-080038	LS_in from RAN4 (copy SA5) Reply to SA3 on HomeNodeB authorization / localisation	R4-072152	i/c LS	6.7	noted (no reply needed)		
S5-080039	LS_in from RAN4 to SA5 on Automatic Neighbour Relation Function	R4-072193	i/c LS	6.7	noted (no reply needed)		
S5-080040	LS_in from ETSI TISPAN WG8 to 3GPP SA5 on SuM model	TISPAN8 (15t_WG8TD024)	i/c LS	6.0	replied in S5-080204	S5-080204	
S5-080041	TR 32.816 v131 Study on management of E-UTRAN and EPC	MCC	TS/TR	6.7	update for email approval as latest draft		
S5-080042	Discussion of charging doc merger for 3GPP/3GPP2 Common IMS	Alcatel-Lucent	Tdoc	7.20	noted		
S5-080043	Correct Access-Network-Information in IMS-Information AVP	Alcatel-Lucent	CR	7.1	withdrawn		
S5-080044	Rename Unsuccessful Session Setup in Cause-Code AVP	Alcatel-Lucent	CR	7.1	withdrawn before the meeting		
S5-080045	Correct Release Identifier and TS Number ranges in 32.297	Alcatel-Lucent	CR	7.1	revised	S5-080186	
S5-080046	Add Ga/Gz into Offline Mapping in 32.240	Alcatel-Lucent	CR	7.1	withdrawn before the meeting		
S5-080047	Add IBCF into IMS Charging Architecture	Alcatel-Lucent	CR	7.5	revised	S5-080179	
S5-080048	Add IBCF into TS 32.260	Alcatel-Lucent	CR	7.5	revised	S5-080180	
S5-080049	Add IBCF into Diameter Charging Applications	Alcatel-Lucent	CR	7.5	revised	S5-080181	
S5-080050	Create Draft TS Doc of MMTel Charging	Alcatel-Lucent	TS/TR	7.4	noted		
S5-080051	R7 CR 32.735 Add missing inherited attributes of CamellmSsfAsFunction and SipAsFunction - Align with TS 32.732 Information Service	Ericsson	CR	6.1	approved		
S5-080052	R8 CR 32.298 Add CDR fields table for IBCF	Alcatel-Lucent	CR	7.5	revised	S5-080182	
S5-080053	New WID on E-UTRAN performance measurements	Motorola, Vodafone, Nortel, ZTE, NSN, TMO	new WID	6.20	revised	S5-080244, S5-080246	
S5-080054	draft LS_out from SA5 to CT4 on AVP code allocation	Nokia Siemens Network	o/g LS	7.1	revised	S5-080185	
S5-080055	CT4 R7 CR 29.230 AVP code allocation for Charging	Nokia Siemens Networks	CR	7.1	revised	S5-080192	
S5-080056	CT4 R8 CR 29.230 AVP code allocation for Charging	Nokia Siemens Networks	CR	7.1	revised	S5-080193	
S5-080057	TS 32.280 v001 Advice of Charge (AoC) service	Nokia Siemens Networks	TS/TR	7.3	revised	S5-080184	
S5-080058	R8 CR 32.251 Implications on scope, references and definitions for EPC Charging	Nokia Siemens Networks	CR	7.2	revised	S5-080189	

S5-080059	R8 CR 32.251 Implications on architecture considerations for EPC Charging	Nokia Siemens Networks	CR	7.2	revised	S5-080190	
S5-080060	R8 CR 32.299 Alignment on AVP codes	Nokia Siemens Networks	CR	7.1	withdrawn		
S5-080061	RESUBMISSION of S5-071764 new WID on Performance measurement for LTE	Huawei	new WID	6.20	withdrawn		
S5-080062	Clarification of ANRL and NCL terms	Huawei	Tdoc	6.7	postponed to next meeting		
S5-080063	Minutes of 5 Dec 2007 conference call on 3GPP/3GPP2 coordination for IMS NRM changes	WG Chairman	report	4.4	noted		
S5-080064	Overview of TISPAN Charging WI02037 and some proposals for the transfer to 3GPP SA5	Deutsche Telekom	Tdoc	7.20	noted		
S5-080065	Minutes of 12 Dec 2007 conference call with ITU-T, TISPAN, TMF and ATIS	SA5 Vice Chair (Ericsson)	report	6.2	noted		
S5-080066	SA1 R8 CRs 22.115 approved at SA#38	MCC	Tdoc	7.0	noted		
S5-080067	SA1 WIDs impacting charging, approved at SA#38	MCC	Tdoc	7.0	noted		
S5-080068	SA2 WIDs impacting charging, approved at SA#38	MCC	Tdoc	7.0	noted		
S5-080069	Transfer of Specifications Related to Common IMS (14tTD511r4_WorkProgramme_status_of_TISPAN_Wg3 extract_v006.xls)	MCC	Tdoc	7.0	noted		
S5-080070	New WID on Self-Configuration	Nokia Siemens Networks	new WID	6.20	postponed to next meeting		
S5-080071	Self-Configuration: SW download	Nokia Siemens Networks	Tdoc	6.7	postponed to next meeting		
S5-080072	TS 32.751 EPC NRM IRP Requirements	Nortel, Huawei	TS/TR	6.14	update for email approval as latest draft		
S5-080073	TS 32.752 EPC NRM IRP (IS) Skeleton of	Huawei, Nortel	TS/TR	6.14	update for email approval as latest draft		
S5-080074	Entity Object Model of EPC NRM IRP (IS)	Huawei, Nortel	Tdoc	6.14	noted		
S5-080075	Link Object Model of EPC NRM IRP (IS)	Huawei, Nortel	Tdoc	6.14	noted		
S5-080076	TR 32.821 New Skeleton	Huawei	TS/TR	6.10	update for email approval as latest draft		
S5-080077	Self-Configuration business level requirement	Huawei	Tdoc	6.10	agreed for inclusion in the TR update		
S5-080078	Home NodeB Specification level requirement	Huawei	Tdoc	6.10	noted		
S5-080079	R7 CR 32.422 Standardize the "rncl" and "cld" as the identification for the trace target in case of cell traffic trace	Huawei	CR	6.1	revised	S5-080206	
S5-080080	Resubmission of MBMS optimization	Huawei	Tdoc	6.7	noted		
S5-080081	Mapping between SA5 SON use cases to NGMN SON use cases	Huawei	Tdoc	6.7	postponed to next meeting		
S5-080082	Measurements for Mobility robustness optimization	Huawei	Tdoc	6.7	postponed to next meeting		
S5-080083	Self-Optimization generic procedure/use case and its re-use	Nokia Siemens Networks	Tdoc	6.7	postponed to next meeting		
S5-080084	R8 CR 32.151-800 IS traceability to Reqs	Ericsson	CR	6.2	postponed to next meeting, wait for the comments from SG4		
S5-080085	Proposal for updated TS 32153 draft v020	Ericsson	TS/TR	6.2	revised	S5-080233	

S5-080086	IRP definition CR 32.150-720	Ericsson	CR	6.1	revised	S5-080207	
S5-080087	IRP definition CR 32.150-800	Ericsson	CR	6.1	revised	S5-080208	
S5-080089	E TD SON Neighbour Cell List Handling Architecture	Ericsson	Tdoc	6.7	more discussion needed		
S5-080090	E CR 32.643-680 re timeSlot	Ericsson	CR	6.1	withdrawn		
S5-080091	E CR 32.643-730 re timeSlot	Ericsson	CR	6.1	revised	S5-080211	
S5-080092	E TD add Requirements for Pool Mgmt to 32816	Ericsson	Tdoc	6.7	more discussion needed		
S5-080093	E TD version support	Ericsson	Tdoc	6.1	noted		
S5-080094	R8 CR 32.404 Add generic measurements definition rules	Nortel	CR	6.1	revised	S5-080212	
S5-080095	White paper on NCL management	Motorola, Nortel	Tdoc	6.7	noted		
S5-080096	Business level requirement on NCL management	Motorola, Nortel	Tdoc	6.7	update for next meeting		
S5-080097	Specification level requirement on E-UTRAN KPI	Motorola, Nortel	Tdoc	6.7	more discussion needed		
S5-080098	CR R8 32.622 Add end point modelling method for reference point	Motorola, Nortel, CMCC	CR	6.13	needs more discussion		
S5-080099	CR R8 32.152 Add sample for end point modelling for reference point	Motorola, Nortel, CMCC	CR	6.13	needs more discussion		
S5-080100	CR R8 Add trace failure response due to overload to 32.421	Motorola	CR	6.1	noted		
S5-080102	White paper on specification level E-UTRAN KPI	Motorola, Nortel	Tdoc	6.7	more discussion needed		
S5-080103	Supporting paper for the WID Performance measurement for LTE	Huawei	Tdoc	6.20	postponed to next meeting (not treated due to lack of time)		
S5-080104	Resubmission of NCL optimization solution	Huawei	Tdoc	6.7	update for next meeting		
S5-080105	M Business level requirement on Performance Management of E-UTRAN/EPC	Motorola	Tdoc	6.7	more discussion needed		
S5-080106	M Specification level requirement on Performance Management of E-UTRAN/EPC	Motorola	Tdoc	6.7	postponed to next meeting		
S5-080107	R6 CR 32.322 Do not force Solution Sets to use toBeMonitoredAttributes	Nokia Siemens Networks	CR	6.1	revised	S5-080214	
S5-080108	R7 CR 32.322 Do not force Solution Sets to use toBeMonitoredAttributes	Nokia Siemens Networks	CR	6.1	revised	S5-080215	
S5-080109	R6 CR 32.323 Correct filterability of testInvocationInitiator, alignment with IS	Nokia Siemens Networks	CR	6.1	revised	S5-080216	
S5-080110	R7 CR 32.323 Correct filterability of testInvocationInitiator, alignment with IS	Nokia Siemens Networks	CR	6.1	revised	S5-080217	
S5-080111	Summary of AAM email discussions	Nokia Siemens Networks	report	6.3	noted		
S5-080112	32.121 V1.0.1 AAM Requirements for SA approval	Nokia Siemens Networks	TS/TR	6.3	revised	S5-080236	
S5-080113	32.122 V1.1.1 AAM Information Service for SA approval	Nokia Siemens Networks	TS/TR	6.3	revised	S5-080237	
S5-080114	32.123 AAM CORBA SS for SA approval	Nokia Siemens Networks	TS/TR	6.3	revised	S5-080238	
S5-080115	3GPP 3GPP2 common IMS proposed WIDs	Ericsson	Tdoc	7.0	noted		
S5-080116	R7 CR 32.299 Alignment on AVP codes	Nokia Siemens Networks	CR	7.1	withdrawn		
S5-080118	32.762 E-UTRAN NRM IRP IS -000	Ericsson	TS/TR	6.15	update for email approval as latest draft		

S5-080119	32.761 E-UTRAN NRM IRP Requirements -000	Ericsson	TS/TR	6.15	update for email approval as latest draft		
S5-080120	Requirements for Automatic Neighbour Relations	Ericsson	Tdoc	6.7	more discussion needed		
S5-080121	Minutes of 19 Dec 2007 conference call with TISPAN WG2 on transfer of charging specification	CH SWG Chair	report	7.0	noted		
S5-080122	On location of AAF and security	Ericsson	Tdoc	6.7	postponed to next meeting (not treated due to lack of time)		
S5-080123	Discussion Paper on Issues on Online Correlation	Huawei, CMCC	Tdoc	7.1	noted		
S5-080124	R8 CR 32299 Usage of CC-Correlation-Id in online charging	Huawei, CMCC	CR	7.1	revised	S5-080188	
S5-080125	R8 CR 32299 Addition of AVPs for online charging correlation	Huawei, CMCC	CR	7.1	withdrawn		
S5-080126	R8 CR 32299 Alignment of Number-Of-Messages-Sent AVP with 32.274	Huawei	CR	7.1	revised	S5-080191	
S5-080127	Supporting paper for EPC NRM IRP TD	Nortel, Huawei	Tdoc	6.14	noted		
S5-080128	WID on EPC Charging	SA#38 (SP-070736)	new WID	7.2	noted		
S5-080129	WID on EPC NRM IRP	SA#38 (SP-070737)	new WID	6.14	to be revised after the meeting		
S5-080130	WID on E-UTRAN NRM IRP	SA#38 (SP-070738)	new WID	6.15	to be revised after the meeting		
S5-080131	WID on Advice of Charge (AoC) support in IMS Charging	SA#38 (SP-070739)	new WID	7.3	noted		
S5-080132	WID on Multimedia Telephony Service and Supplementary Services (MMTel) Charging	SA#38 (SP-070749)	new WID	7.4	noted		
S5-080133	WID on WLAN Offline Charging	SA#38 (SP-070750)	new WID	7.6	noted		
S5-080134	Add trace functionality for E-UTRAN in 32.421	Ericsson	CR	6.12	revised	S5-080230	
S5-080135	R6 CR 32642 Correct wrongly supported RET attributes - Align with 25.463	Ericsson	CR	6.1	revised	S5-080218	
S5-080136	R7 CR 32642-730 Correct wrongly supported RET attributes - Align with 25.463	Ericsson	CR	6.1	approved		
S5-080137	R8 CR 32642-800 Correct wrongly supported RET attributes - Align with 25.463	Ericsson	CR	6.1	approved		
S5-080138	Correction of TDD attributes	Ericsson	CR	6.1	withdrawn		
S5-080139	Correction of TDD attributes.	Ericsson	CR	6.1	revised	S5-080209	
S5-080140	Correction of TDD attributes.	Ericsson	CR	6.1	revised	S5-080210	
S5-080141	Add missing attributes and remove redundant attributes - Align with 32.642	Ericsson	CR	6.1	withdrawn		
S5-080142	Add missing attributes and remove redundant attributes - Align with 32.642	Ericsson	CR	6.1	withdrawn		
S5-080145	Software version management of EM system for TR 32.822	ZTE	Tdoc	6.11	needs more discussion		
S5-080146	CMCC discussion of Point Codes in Signalling Transport Network	China Mobile	Tdoc	6.1	noted		
S5-080147	CMCC R8 32.405-810 Correct measurement name for abnormal RB releases for HS-DSCH	China Mobile	CR	6.1	approved		

S5-080148	CMCC New WID on EPC Performance Measurements	China Mobile	new WID	6.20	postponed to next meeting (not treated due to lack of time)		
S5-080149	CMCC draft TR32.819 E-OSF	China Mobile	TS/TR	6.6	update for email approval as latest draft		
S5-080150	CMCC Use case for CircuitEndPointSubgroup IOC	China Mobile	Tdoc	6.4	noted		
S5-080151	R7 CR 32.632-800 Add CircuitEndPointSubgroup IOC– Align with 32.407	China Mobile	CR	6.4	needs more discussion		
S5-080152	R7 CR 32.642-730 Add missing multi-frequency attributes for 1.28Mcps TDD - Align with 25.433	ZTE	CR	6.1	postponed to next meeting	S5-080209	
S5-080153	R7 CR 32.633-730 Add CircuitEndPointSubgroup CORBA SS– Align with 32.407	China Mobile	CR	6.4	needs more discussion		
S5-080154	R7 CR 32.635-730 Add CircuitEndPointSubgroup XML file definition– Align with 32.407	China Mobile	CR	6.4	needs more discussion		
S5-080155	R8 CR 32.642-800 Add missing multi-frequency attributes for 1.28Mcps TDD - Align with 25.433	ZTE	CR	6.1	postponed to next meeting	S5-080210	
S5-080156	R8 32.405-810 Add measurements related to HSUPA release	China Mobile	CR	6.8	update for next meeting		
S5-080157	R8 32.405-810 Add measurements related to MAC-e feedback decoding	China Mobile	CR	6.8	revised	S5-080224	
S5-080158	R8 32.405-810 Add measurements related to octets of acknowledged MAC-e PDUs	China Mobile	CR	6.8	revised	S5-080225	
S5-080159	R8 32.405-810 Add measurements related to channel switches between E-DCH and FACHDCH intra frequency	China Mobile	CR	6.8	revised	S5-080226	
S5-080160	CMCC Skeleton of draft specification KPI R8 32.xyz	China Mobile	TS/TR	6.9	noted		
S5-080161	CMCC KPI overview part of draft specification KPI	China Mobile	Tdoc	6.9	needs more discussion		
S5-080162	CMCC Input UTRAN KPIs defined in 32.814	China Mobile	Tdoc	6.9	needs more discussion due to methodology issue		
S5-080163	CMCC Input GERAN KPIs defined in 32.814	China Mobile	Tdoc	6.9	needs more discussion due to methodology issue		
S5-080164	CMCC common KPIs definition	China Mobile	Tdoc	6.9	needs more discussion due to methodology issue		
S5-080165	R8 CR 32.322-710 Add new Information Objects for connection and loopback test categories	China Mobile	CR	6.5	update for next meeting		
S5-080166	R8 CR 32.323-700 Add new Interfaces for connection and loopback test	China Mobile	CR	6.5	update for next meeting		
S5-080167	EMS data backup and restoration for TR 32.822	ZTE	Tdoc	6.11	noted		
S5-080168	Resources monitoring requirement for TR 32.822	ZTE	Tdoc	6.11	noted		
S5-080169	Addition of use case Self-healing in 32.816	ZTE	Tdoc	6.7	more discussion needed		
S5-080170	Add description of merge rule in AAM IS	ZTE	Tdoc	6.3	agreed		
S5-080171	Introduction of EPC and E-UTRAN in Trace IRP	Ericsson	CR	6.12	noted		
S5-080172	E WID SON Neighbour Cell List (NCL) Architecture Handling	Ericsson	new WID	6.20	postponed to next meeting (not treated due to lack of time)		

S5-080173	E TD WL BL NRL v2 (update of S5-080088)	Ericsson	Tdoc	6.7	postponed to next meeting		
S5-080174	R8 CR 32.150 Add typedef definition for attributes in CORBA SS style	ZTE	CR	6.1	revised as Tdoc	S5-080221	
S5-080175	Time synchronization requirement for TR 32.822	ZTE	Tdoc	6.11	agreed to include use cases in TR 32.822		
S5-080177	TS 22.115 v8.2.0	SWG CH	Tdoc	7.0	noted		
S5-080178	Presentation of issues on AoC and RTTI	Amdocs	Tdoc	7.1	noted		
S5-080179	Add IBCF into IMS Charging Architecture	Alcatel-Lucent	CR	7.5	approved		S5-080047
S5-080180	Add IBCF into TS 32.260	Alcatel-Lucent	CR	7.5	approved		S5-080048
S5-080181	Add IBCF into Diameter Charging Applications	Alcatel-Lucent	CR	7.5	approved		S5-080049
S5-080182	R8 CR 32.298 Add CDR fields table for IBCF	Alcatel-Lucent	CR	7.5	approved		S5-080052
S5-080183	Middle tier TS Template	SWG CH chair	Tdoc	7.0	noted		
S5-080184	TS 32.280 v010 Advice of Charge (AoC) service	Nokia Siemens Networks	TS/TR	7.3	agreed for MCC TS# registration/clean-up		S5-080057
S5-080185	LS_out from SA5 to CT4 on AVP code allocation	SA5 (Gerald)	o/g LS	7.1	approved		S5-080054
S5-080186	Correct Release Identifier and TS Number ranges in 32.297	Alcatel-Lucent	CR	7.1	approved		S5-080045
S5-080187	3GPP2 charging specification	Alcatel-Lucent	Tdoc	7.20	noted		
S5-080188	R8 CR 32299 Usage of CC-Correlation-Id in online charging	Huawei, CMCC	CR	7.1	approved		S5-080124
S5-080189	Rel-8 CR 32.251 Implications on scope, references and definitions for EPC Charging	Nokia Siemens Networks	CR	7.2	approved		S5-080058
S5-080190	Rel-8 CR 32.251 Implications on architecture considerations for EPC Charging	Nokia Siemens Networks	CR	7.1	approved		S5-080059
S5-080191	R8 CR 32299 Alignment of Number-Of-Messages-Sent AVP with 32.274	Huawei	CR	7.1	approved		S5-080126
S5-080192	CT4 Rel-7 CR 29.230 AVP code allocation for Charging	Nokia Siemens Networks	CR	7.1	agreed for transfer to CT4		S5-080055
S5-080193	CT4 Rel-8 CR 29.230 AVP code allocation for Charging	Nokia Siemens Networks	CR	7.1	agreed for transfer to CT4		S5-080056
S5-080200	OAM Detailed Report from LAST Meeting	OAM Chair	report	6.0	approved		S5-080012
S5-080201	Description SON use case and impacts on SA5	T-Mobile, Vodafone	Tdoc	6.7	not treated due to lack of time		
S5-080202	Proposal for SON Work Items in SA5	T-Mobile, Vodafone	Tdoc	6.20	postponed to next meeting		
S5-080203	LS_out reply to TISPAN, TMF mTOP, OMA, SA1 regarding joint activities in Service Management and Subscription Management	Thomas	o/g LS	6.0	revised	S5-080251	S5-080027
S5-080204	LS_out reply to TISPAN on SuM model (Reply to S5-080040)	SA5 (Thomas)	o/g LS	6.0	approved		S5-080040

S5-080205	LS_out reply to 3GPP2 on OAM&P Topics (reply to S5-080022)	Christian	o/g LS	6.1	revised	S5-080245	S5-080022
S5-080206	R7 CR 32.422 Standardize the "rnclid" and "clid" as the identification for the trace target in case of cell traffic trace	Huawei	CR	6.1	approved		S5-080079
S5-080207	IRP definition CR 32150-720	Ericsson	CR	6.1	approved		S5-080086
S5-080208	IRP definition CR 32150-800	Ericsson	CR	6.1	approved		S5-080087
S5-080209	R7 CR 32.642-730 Correction of TDD attributes	Ericsson, ZTE	CR	6.1	withdrawn		S5-080152
S5-080210	R8 CR 32.642-800 Correction of TDD attributes	Ericsson, ZTE	CR	6.1	withdrawn		S5-080155
S5-080211	E CR 32.643-730 re timeSlot	Ericsson	CR	6.1	withdrawn		S5-080091
S5-080212	R8 CR 32.404 Add generic measurements definition rules	Nortel	CR	6.1	approved		S5-080094
S5-080213	Guidelines for creation and revision of CRs	MCC	Tdoc	5.3	noted		
S5-080214	R6 CR 32.322 Do not force Solution Sets to use toBeMonitoredAttributes	Nokia Siemens Networks	CR	6.1	approved		S5-080107
S5-080215	R7 CR 32.322 Do not force Solution Sets to use toBeMonitoredAttributes	Nokia Siemens Networks	CR	6.1	approved		S5-080108
S5-080216	R6 CR 32.323 Correct filterability of testInvocationInitiator, alignment with IS	Nokia Siemens Networks	CR	6.1	revised	S5-080252	S5-080109
S5-080217	R7 CR 32.323 Correct filterability of testInvocationInitiator, alignment with IS	Nokia Siemens Networks	CR	6.1	revised	S5-080253	S5-080110
S5-080218	R6 CR 32642 Correct wrongly supported RET attributes - Align with 25.463	Ericsson	CR	6.1	withdrawn		S5-080135
S5-080219	Agenda and logistics info for February NGNMFG f2f meeting	NGNMFG Chair	Tdoc	4.4	noted		
S5-080220	3GPP/3GPP2 Common IMS Workshop agenda, logistics, and info	SA Chair	Tdoc	4.4	noted		
S5-080221	Add typedef definition for attributes in CORBA SS style	ZTE, Ericsson	Tdoc	6.2	agreed		S5-080174
S5-080222	Core IMS Specifications transferred from ETSI TISPAN to 3GPP	MCC	Tdoc	5.3	noted		
S5-080223	LS_in from TMF copy SA5 regarding joint activities in Service Management and Subscription Management (reply to S5-080027 TISPAN (15bTD431r2)	TMF	i/c LS	6.0	postponed to next meeting		
S5-080224	R8 32.405-810 Add measurements related to MAC-e feedback decoding	China Mobile	CR	6.8	revised	S5-080247	S5-080157
S5-080225	R8 32.405-810 Add measurements related to octets of acknowledged MAC-e PDUs	China Mobile	CR	6.8	revised	S5-080248	S5-080158
S5-080226	R8 32.405-810 Add measurements related to channel switches between E-DCH and FACHDCH intra frequency	China Mobile	CR	6.8	approved		S5-080159
S5-080227	R7 CR 32.642-730 Add missing multi-frequency attributes for 1.28Mcps TDD - Align with 25.433	ZTE	CR	6.1	withdrawn		S5-080152
S5-080228	R8 CR 32.642-800 Add missing multi-frequency attributes for 1.28Mcps TDD - Align with 25.433	ZTE	CR	6.1	withdrawn		S5-080155

S5-080229	LS_out reply to RAN3 on availability of IMSI and IMEI(SV) in Enb (Reply to S5-080024)	SA5 (Adrian N)	o/g LS	6.12	approved		S5-080024
S5-080230	R8 CR 32.421-800 Add trace functionality for E-UTRAN	Ericsson	CR	6.12	revised	S5-080241	S5-080134
S5-080231	R7 CR 32.643 Add missing multi-frequency attributes for 1.28Mcps TDD - Align with 25.433	ZTE	CR	6.1	postponed for next meeting		
S5-080232	LS_out reply to 3GPP2 on Tools To Automatically Build NRM CORBA IDL And XSD Documents (Reply to S5-080023)	SA5 (Christian)	o/g LS	6.2	approved		S5-080023
S5-080233	TS 32153 draft v0xy	Ericsson	TS/TR	6.2	update for email approval as latest draft		S5-080085
S5-080234	Migration of ETSI TISPAN core IMS specs to 3GPP	MCC	Tdoc	5.3	noted		
S5-080235	Report of the last SA5 meeting	MCC	report	4.1	approved	S5-080002	
S5-080236	32.121 V1.x.y AAM Requirements - for SA approval	Nokia Siemens Networks	TS/TR	6.3	agreed for SA Approval		S5-080112
S5-080237	32.122 V1.x.y AAM Information Service	Nokia Siemens Networks	TS/TR	6.3	update for email approval as latest draft		S5-080113
S5-080238	32.123 AAM CORBA SS	Nokia Siemens Networks	TS/TR	6.3	update for email approval as latest draft		S5-080114
S5-080239	LS_out reply to RAN3 on Automatic Neighbour Relation function	Huawei, Ericsson	o/g LS	6.7	update for a 2 weeks email approval to reach next RAN WG meetings		S5-080031
S5-080240	Alternative 1 - LS_out reply to RAN2 on RACH optimisation use case	Xuelong	o/g LS	6.7	update for a 2 weeks email approval to reach next RAN WG meetings		S5-080036
S5-080241	R8 CR 32.421-800 Add trace functionality for E-UTRAN	Ericsson	CR	6.12	approved		S5-080230
S5-080242	LS_out to RAN3	Olaf	o/g LS	6.7	update for a 2 weeks email approval to reach next RAN WG meetings		
S5-080243	SON self optimization handling	Huawei	new WID	6.20	postponed to next meeting		
S5-080244	New WID on E-UTRAN performance measurements - Version A	Motorola, HUAWEI, Vodafone, Nortel, ZTE, T-Mobile, Nokia Siemens Networks, CMCC, Telecom Italia, Orange, Ericsson	new WID	6.20	postponed to next meeting		S5-080053
S5-080245	LS_out reply to 3GPP2 on OAM&P Topics (Reply to S5-080022)	SA5 (Christian)	o/g LS	6.1	approved		S5-080205
S5-080246	New WID on E-UTRAN performance measurements - Version B	Motorola, HUAWEI, Vodafone, Nortel, ZTE, T-Mobile, Nokia Siemens Networks, CMCC, Telecom Italia, Orange, Ericsson	new WID	6.20	postponed to next meeting		S5-080053
S5-080247	R8 32.405-810 Add measurements related to MAC-e feedback decoding	China Mobile	CR	6.8	approved		S5-080224
S5-080248	R8 32.405-810 Add measurements related to octets of acknowledged MAC-e PDUs	China Mobile	CR	6.8	approved		S5-080225

S5-080249	Alternative 2 - LS_out reply to RAN2 on RACH optimisation use case	Robert	o/g LS	6.7	update for a 2 weeks email approval to reach next RAN WG meetings		
S5-080250	Draft TS/TR Management Process	WG Vice Chairman	Tdoc	5.1	noted		S5-080007
S5-080251	LS_out reply to TISPAN, TMF mTOP (copy SA1) on joint activities in Service Management and Subscription Management (Reply to S5-080027)	SA5 (Thomas)	o/g LS	6.0	approved		S5-080203
S5-080252	R6 CR 32.323 Correct filterability of testInvocationInitiator, alignment with IS	Nokia Siemens Networks	CR	6.1	approved without presentation		S5-080216
S5-080253	R7 CR 32.323 Correct filterability of testInvocationInitiator, alignment with IS	Nokia Siemens Networks	CR	6.1	approved without presentation		S5-080217

Annex B: List of change requests

Document	Title	Source	Decision
S5-080051	R7 CR 32.735 Add missing inherited attributes of CamellmSsfAsFunction and SipAsFunction - Align with TS 32.732 Information Service	Ericsson	approved
S5-080136	R7 CR 32642-730 Correct wrongly supported RET attributes - Align with 25.463	Ericsson	approved
S5-080137	R8 CR 32642-800 Correct wrongly supported RET attributes - Align with 25.463	Ericsson	approved
S5-080147	CMCC R8 32.405-810 Correct measurement name for abnormal RB releases for HS-DSCH	China Mobile	approved
S5-080179	Add IBCF into IMS Charging Architecture	Alcatel-Lucent	approved
S5-080180	Add IBCF into TS 32.260	Alcatel-Lucent	approved
S5-080181	Add IBCF into Diameter Charging Applications	Alcatel-Lucent	approved
S5-080182	R8 CR 32.298 Add CDR fields table for IBCF	Alcatel-Lucent	approved
S5-080186	Correct Release Identifier and TS Number ranges in 32.297	Alcatel-Lucent	approved
S5-080188	R8 CR 32299 Usage of CC-Correlation-Id in online charging	Huawei, CMCC	approved
S5-080189	Rel-8 CR 32.251 Implications on scope, references and definitions for EPC Charging	Nokia Siemens Networks	approved
S5-080190	Rel-8 CR 32.251 Implications on architecture considerations for EPC Charging	Nokia Siemens Networks	approved
S5-080191	R8 CR 32299 Alignment of Number-Of-Messages-Sent AVP with 32.274	Huawei	approved
S5-080206	R7 CR 32.422 Standardize the "rnclid" and "clid" as the identification for the trace target in case of cell traffic trace	Huawei	approved
S5-080207	IRP definition CR 32150-720	Ericsson	approved
S5-080208	IRP definition CR 32150-800	Ericsson	approved
S5-080212	R8 CR 32.404 Add generic measurements definition rules	Nortel	approved
S5-080214	R6 CR 32.322 Do not force Solution Sets to use toBeMonitoredAttributes	Nokia Siemens Networks	approved
S5-080215	R7 CR 32.322 Do not force Solution Sets to use toBeMonitoredAttributes	Nokia Siemens Networks	approved
S5-080226	R8 32.405-810 Add measurements related to channel switches between E-DCH and FACHDCH intra frequency	China Mobile	approved
S5-080241	R8 CR 32.421-800 Add trace functionality for E-UTRAN	Ericsson	approved
S5-080247	R8 32.405-810 Add measurements related to MAC-e feedback decoding	China Mobile	approved
S5-080248	R8 32.405-810 Add measurements related to octets of acknowledged MAC-e PDUs	China Mobile	approved
S5-080252	R6 CR 32.323 Correct filterability of testInvocationInitiator, alignment with IS	Nokia Siemens Networks	approved without presentation
S5-080253	R7 CR 32.323 Correct filterability of testInvocationInitiator, alignment with IS	Nokia Siemens Networks	approved without presentation

Annex C: Lists of liaisons

C1: Incoming liaison statements

Document	Title	From	Agenda	Decision
S5-080021	Resubmitted SA5#56: S5-071728 LS_in from ITU-T SG4 on Collaboration for developing Rec. M.sms - Security management systems functional requirements	ITU-T SG4 LS 116r1	6.0	closed
S5-080022	Resubmitted SA5#51: S5-071719 LS_in from 3GPP2 to 3GPP SA5 on OAM&P Topics	3GPP2	6.1	replied in S5-080205
S5-080023	Resubmitted SA5#54: S5-071720 LS_in from 3GPP2 (to SA5) on Tools To Automatically Build NRM CORBA IDL And XSD Documents	3GPP2	6.2	replied in S5-080232
S5-080024	Resubmitted SA5#56: S5-071933 LS_in from RAN3 to SA5 on availability of IMSI and IMEI(SV) in eNB	R3-072003	6.12	replied in S5-080229
S5-080025	LS_in from 3GPP2 to SA5 on A Number Of 3GPP SA5 R7 Items	3GPP2	6.1	ongoing
S5-080027	LS_in from TISPAN to TMF mTOP and 3GPP SA5 regarding joint activities in Service Management and Subscription Management	TISPAN (15bTD431r2)	6.0	replied in S5-080203
S5-080029	LS_in from RAN1 copy SA5 on Physical-layer Cell Identity Collision	R1-075099	6.7	noted (no reply needed)
S5-080030	LS_in from 3GPP2 copy SA5 on Codecs and Common IMS	3GPP2	4.3	noted (no reply needed)
S5-080031	LS_in from RAN3 to SA5 on Automatic Neighbour Relation function	R3-072401	6.7	replied in S5-080239
S5-080032	LS_in from RAN3 copy SA5 on Inter-RAT/frequency Automatic Neighbour Relation Function	R3-072403	6.7	noted (no reply needed)
S5-080033	LS_in from RAN3 copy SA5 on feasibility of using RLF recovery to aid neighbour discovery	R3-072408	6.7	noted (no reply needed)
S5-080034	LS_in from CT4 to SA5 on New WI and TR for Diameter-based protocols usage and recommendations in 3GPP	C4-071927	7.0	noted (no reply needed)
S5-080035	LS_in from CT4 to SA5 on Stage 2 Documentation Principles for SAE Specifications	C4-072034	7.0	noted (no reply needed)
S5-080036	LS_in from RAN2 to SA5 on RACH optimisation use case	R2-075464	6.7	replied in S5-080240
S5-080037	LS_in from GERAN copy SA5 on feasibility of using RLF recovery to aid neighbour discovery (R3-072408)	GP-072012	6.7	noted (no reply needed)
S5-080038	LS_in from RAN4 (copy SA5) Reply to SA3 on HomeNodeB authorization / localisation	R4-072152	6.7	noted (no reply needed)
S5-080039	LS_in from RAN4 to SA5 on Automatic Neighbour Relation Function	R4-072193	6.7	noted (no reply needed)
S5-080040	LS_in from ETSI TISPAN WG8 to 3GPP SA5 on SuM model	TISPAN8 (15t_WG8TD024)	6.0	replied in S5-080204
S5-080223	LS_in from TMF copy SA5 regarding joint activities in Service Management and Subscription Management (reply to S5-080027 TISPAN (15bTD431r2)	TMF	6.0	postponed to next meeting

C2: Outgoing liaison statements

Document	Title	From	Agenda	Reply to
S5-080185	LS_out from SA5 to CT4 on AVP code allocation	SA5 (Gerald)	7.1	
S5-080204	LS_out reply to TISPAN on SuM model (Reply to S5-080040)	SA5 (Thomas)	6.0	S5-080040
S5-080229	LS_out reply to RAN3 on availability of IMSI and IMEI(SV) in Enb (Reply to S5-080024)	SA5 (Adrian N)	6.12	S5-080024
S5-080232	LS_out reply to 3GPP2 on Tools To Automatically Build NRM CORBA IDL And XSD Documents (Reply to S5-080023)	SA5 (Christian)	6.2	S5-080023
S5-080245	LS_out reply to 3GPP2 on OAM&P Topics (Reply to S5-080022)	SA5 (Christian)	6.1	S5-080022
S5-080251	LS_out reply to TISPAN, TMF mTOP (copy SA1) on joint activities in Service Management and Subscription Management (Reply to S5-080027)	SA5 (Thomas)	6.0	S5-080203

Annex D: List of agreed/approved new and revised Work Items

Document	Title	Source	new/revised
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Annex E: List of draft Technical Specifications and Reports

Document	Doc title
S5-080041	TR 32.816 v131 Study on management of E-UTRAN and EPC
S5-080050	Create Draft TS Doc of MMTel Charging
S5-080057	TS 32.280 v001 Advice of Charge (AoC) service
S5-080072	TS 32.751 EPC NRM IRP Requirements
S5-080073	TS 32.752 EPC NRM IRP (IS) Skeleton of
S5-080076	TR 32.821 New Skeleton
S5-080085	Proposal for updated TS 32153 draft v020
S5-080112	32.121 V1.0.1 AAM Requirements for SA approval
S5-080113	32.122 V1.1.1 AAM Information Service for SA approval
S5-080114	32.123 AAM CORBA SS for SA approval
S5-080118	32.762 E-UTRAN NRM IRP IS -000
S5-080119	32.761 E-UTRAN NRM IRP Requirements -000
S5-080149	CMCC draft TR32.819 E-OSF
S5-080160	CMCC Skeleton of draft specification KPI R8 32.xyz
S5-080184	TS 32.280 v010 Advice of Charge (AoC) service
S5-080233	TS 32153 draft v0xy
S5-080236	32.121 V1.x.y AAM Requirements - for SA approval
S5-080237	32.122 V1.x.y AAM Information Service
S5-080238	32.123 AAM CORBA SS

Annex F: List of action items

Meeting/No.	Agen	Document	Details	Responsible	Due by
S5-57/1	7.0	S5-080115	SWG CH Chair to prepare a statement for SA5 email approval for submission to the 3GPP/3GPP2 Workshop e/o Jan 2008	SWG CH Chair	Feb 10
S5-57/2	5.2	S5-080008	All to provide to the SA5 Chair their constrains for the 2009 meeting calendar	All	Feb 10
S5-57/3	4.4	S5-080220	SA5 should provide contribution(s) for the January 3GPP/3GPP2 Workshop under: 4.4 Contributions destined for SA5 (O&M and Charging)	All	Feb 10
S5-57/4	6.14	S5-080129	Huawei to update WID in line with comments made (TS Titles, schedules as appropriate).	Huawei	Feb 10
S5-57/5	6.9	S5-080162	SWG OAM Chair to propose a way forward to address how to introduce the use case for KPI and PM in TR 32.814.	SWG OAM Chair	Feb 10
S5-57/6	6.15	S5-080130	Ericsson to update the WID in line with comments made	Ericsson	Feb 10
S5-57/7	6.2	S5-080084	Ericsson to get comments from SG4 before re-submitting to SA5 for Approval.	Ericsson	Feb 10
S5-57/8	6.7	S5-080032	Ericsson to capture the issue as an Editor's Note in the TR 32.816 E-UTRAN/EPC Management	Ericsson	Feb 10
S5-57/9	6.3	S5-080114	NSN to update WID to reflect the removal of the XML 32.125, the changed TS titles, schedules etc.	NSN	Feb 10
S5-57/10	6.7	S5-080249	SWG OAM Chair to update LS for email approval	SWG OAM Chair	Jan 25
S5-57/11	6.7	S5-080239	Ericsson to update LS for email approval	Ericsson	Jan 25
S5-57/12	4.4	S5-080219	Interested SA5 members were invited to attend the February NGNMFG f2f meeting and provide feedback to SA5.	All	Feb 10
S5-57/13	6.12	S5-080171	Ericsson to update CR in line with comments made	Ericsson	Feb 10
S5-57/14	6.20	S5-080202	All to provide an "Umbrella" WID to cover all SON aspects in SA5 and new WIDs proposals for the underlying 4 Building Blocks identified	All	Feb 10
S5-57/15	7.0	S5-080019	MCC to register/clean-up the draft TS 32.280-010 "AoC service" and subsequently submitted to 3GPP web under the Latest Drafts directory	MCC	Feb 10
S5-57/16	8	S5-080010	SWG Chairs to add changes to the WIDs in the SWG Executive Report	SWG Chairs	Feb 22
S5-57/17	8	S5-080009	SWG Chairs to add changes to the WIDs in the SWG Executive Report	SWG Chairs	Feb 22
S5-57/18	8	S5-080009	SWG to provide updated WIDs if the technical substance is changing (Justification, Objectives of the WID)	SWGs	Feb 22
S5-57/19	8	S5-080010	SWG to provide updated WIDs if the technical substance is changing (Justification, Objectives of the WID)	SWGs	Feb 22
S5-57/20	6.0	S5-080014	OAM Chair to allocate for the LTE/EPC/EUTRAN/SON WIs much more time/ a complete day at the very beginning (Monday) from the next meeting	OAM Chair	Feb 10
S5-57/21	6.7	S5-080240	SWG OAM Chair to update LS for email approval	SWG OAM Chair	Jan 25
S5-57/22	6.7	S5-080242	NSN to update LS for email approval	NSN	Jan 25
S5-57/23	5.1	S5-080250	All invited to make comments/proposals for the Draft TS/TR Management Process (coordinator: SA5 Vice Chair Thomas)	All	Feb 10
S5-57/24	6.2	S5-080233	Ericsson to update TS 32153 for email approval as latest draft	Ericsson	Feb 14
S5-57/25	6.3	S5-080237	NSN to update TS 32.122 AAM IS for email approval as latest draft	NSN	Feb 14
S5-57/26	6.3	S5-080238	NSN to update TS 32.123 AAM CORBA for email approval as latest draft	NSN	Feb 14
S5-57/27	6.6	S5-080149	China Mobile to update TR 32819 E-OSF Study for email approval as latest draft	China Mobile	Feb 14
S5-57/28	6.9	S5-080160	China Mobile to update KPI TS 32.xyz for email approval as latest draft	China Mobile	Feb 14
S5-57/29	6.10	S5-080076	Huawei to update TR 32821 SON Study for email approval as latest draft	Huawei	Feb 14
S5-57/30	6.14	S5-080072	Nortel to update TS 32.751 EPC NRM for email approval as latest draft	Nortel	Feb 14
S5-57/31	6.14	S5-080073	Huawei to update TS 32.752 EPC NRM for email approval as latest draft	Huawei	Feb 14
S5-57/32	6.15	S5-080118	Ericsson to update TS 32762 E-UTRAN NRM for email approval as latest draft	Ericsson	Feb 14
S5-57/33	6.15	S5-080119	Ericsson to update TS 32761 E-UTRAN NRM for email approval as latest draft	Ericsson	Feb 14

S5-57/34	6.7	S5-080041	Ericsson to update TR 32.816 E-UTRAN/EPC Management for email approval as latest draft	Ericsson	Feb 14
S5-57/35	6.11	S5-080175	ZTE to update TR 32822 Maintenance over Itf-N Study for email approval as latest draft	ZTE	Feb 14

Annex G: List of participants

Name	Representing	Status (OP)	Country
Aba, Istvan (Mr.)	T-Mobile Austria GmbH	3GPPMEMBER (ETSI)	AT
Bizzarri, Simone (Mr.)	TELECOM ITALIA S.p.A.	3GPPMEMBER (ETSI)	IT
Bódog, Gyula (Mr.)	Nokia Siemens Networks Oy	3GPPMEMBER (ETSI)	HU
Brown, Yishai (Mr.)	Amdocs Software Systems Ltd	3GPPMEMBER (ETSI)	IL
Catovic, Amer (Dr.)	QUALCOMM EUROPE S.A.R.L.	3GPPMEMBER (ETSI)	FR
Chengzhi, Yu (Mr.)	China Mobile Com. Corporation	3GPPMEMBER (CCSA)	CN
Divialle, Marie (Mrs.)	NORTEL NETWORKS (EUROPE)	3GPPMEMBER (ETSI)	FR
Elmdahl, Per (Mr.)	Nanjing Ericsson Panda Com Ltd	3GPPMEMBER (CCSA)	SE
Flore, Dino (Mr.)	QUALCOMM EUROPE S.A.R.L.	3GPPMEMBER (ETSI)	US
Fodil, Idir (Mr.)	France Telecom	3GPPMEMBER (ETSI)	FR
Gardella, Maryse (Mrs.)	Alcatel-Lucent	3GPPMEMBER (ETSI)	FR
Gebler, Erik (Mr.)	Acision UK Ltd	3GPPMEMBER (ETSI)	GB
Gompakis, Panagiotis (Mr.)	Vodafone D2 GmbH	3GPPMEMBER (ETSI)	DE
Görmer, Gerald (Mr.)	Nokia Siemens Networks	3GPPMEMBER (ETSI)	DE
Huang, Shuqiang (Mr.)	ZTE Corporation	3GPPMEMBER (CCSA)	CN
Hübinette, Ulf (Mr.)	Telefon AB LM Ericsson	3GPPMEMBER (ETSI)	SE
Li, Gang (Mr.)	Nokia Siemens Networks	3GPPMEMBER (ETSI)	CN
Li, Jian (Mr.)	China Mobile Com. Corporation	3GPPMEMBER (CCSA)	CN
Liang, Shuangchun (Dr.)	China Mobile Com. Corporation	3GPPMEMBER (CCSA)	CN
Lou, Min (Mr.)	NORTEL NETWORKS (EUROPE)	3GPPMEMBER (ETSI)	GB
Mazzarella, Nick (Mr.)	Alcatel-Lucent	3GPPMEMBER (ATIS)	US
Neal, Adrian (Dr.)	VODAFONE Group Plc	3GPPMEMBER (ETSI)	GB
Petersen, Robert (Mr.)	Nippon Ericsson K.K.	3GPPMEMBER (ARIB)	SE
Pollakowski, Olaf (Dr.)	Nokia Siemens Networks	3GPPMEMBER (ETSI)	DE
Seibel, Matthias (Mr.)	Deutsche Telekom AG	3GPPMEMBER (ETSI)	DE
Shan, Mingjun (Mr.)	Huawei Technologies Sweden AB	3GPPMEMBER (ETSI)	CN
Suerbaum, Clemens (Mr.)	Nokia Siemens Networks S.p.A	3GPPMEMBER (ETSI)	DE
Teppo, Patrik (Mr.)	Ericsson Inc.	3GPPMEMBER (ATIS)	SE
Toche, Christian (Mr.)	HuaWei Technologies Co., Ltd	3GPPMEMBER (CCSA)	CN
Tovinger, Thomas (Mr.)	Telefon AB LM Ericsson	3GPPMEMBER (ETSI)	SE
Tse, Edwin (Mr.)	Ericsson Inc.	3GPPMEMBER (ATIS)	CA
Wang, Xuelong (Mr.)	HUAWEI TECHNOLOGIES Co. Ltd.	3GPPMEMBER (ETSI)	CN
Yang, Li (Mr.)	HuaWei Technologies Co., Ltd	3GPPMEMBER (ATIS)	CN
Yao, Yizhi (Mr.)	MOTOROLA S.A.S	3GPPMEMBER (ETSI)	CN
Zhang, Kai (Mr.)	ZTE Corporation	3GPPMEMBER (ETSI)	CN
Zhu, Weiyong (Mr.)	ZTE Corporation	3GPPMEMBER (CCSA)	CN
Zoicas, Adrian (Mr.)	ETSI Secretariat	3GPPORG_REP (ETSI)	FR

Report prepared by: zoicas