N5-040208

joint-API-group (Parlay, ETSI Project OSA, 3GPP TSG_CN WG5)
DRAFT Report v1.0.0 of Meeting #27, Miami, USA, 10-14 May 2004

Contents

| **Chair:** | Chelo Abarca (Alcatel) | for 3GPP CN5 |
| | Richard Stretch (BT) | for ETSI TISPAN Project OSA |

CN5 Vice-Chair:	John-Luc Bakker (Telcordia Technologies Inc.)
3GPP Support:	Adrian Zoicas (ETSI, 3GPP Mobile Competence Centre), **Absent**
Meeting Host:	Parlay
Web Home Page:	http://www.3gpp.org/TB/CN/CN5/CN5.htm
3GPP E-mail Lists:	http://www.3gpp.org/email/lists.htm http://list.etsi.org/
JWG E-mail List:	3GPP_TSG_CN_WG5_JOINTAPIWORK@LIST.ETSI.ORG
Server:	http://www.3gpp.org/ftp/tsg_cn/WG5_osa/ ftp://ftp.3gpp.org/tsg_cn/WG5_osa/

1   Opening of the meeting and approval of the agenda (Monday 9:00 AM)

1.1   Reminder for IPR declaration

The chairman made the following call for IPRs, and asked ETSI members to check the latest version of ETSI's policy available on the web server:

The attention of the members of this Technical Specification 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:

a)   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.

b)   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/).

---

201 Draft agenda
JWG Chair and Vicechair

Approved

2   Allocation of documents to agenda items

202 Document Allocation
JWG Chair and Vicechair

Due to the large number of late document the allocation was finalized during the meeting

Approved

3   Reporting

3.1   JWG meeting, Atlanta

N5-040245.zip N5-040007r2 Draft_v200_Report_CN5_26
JWG Chair Team

Approved

3.2   3GPP

3.2.1   CN plenary

N5-040209.zip CN5 Report to the last CN plenary
MCC

Noted

N5-040210.zip Report of last 3GPP CN meeting
MCC

Noted

N5-040212.zip 3GPP IETF Dependencies and Priorities (http://www.3gpp.org/TB/Other/IETF.htm)

3GPP

MCC (SP-040tbd)

Noted

3.2.2   SA plenary

N5-040211.zip Report of last 3GPP SA meeting
MCC

Chelo notes the following:
1) SP-040092 CR to 22.127 on HA is agreed
2) workplan discussion: the release 6 freezing date will be 3Q 2004 (September).

Noted

3.2.3   SA1 activities on OSA Requirements
3.2.4   SA1 and T2 activities on MMS
3.2.5   SA1, SA2 activities on GUP
3.2.6   CN1 activities on Access Independence
3.2.7   CN1 activities on Presence

N5-040318.zip Status of Presence Activities within CN1
MARCONI

Summary of contribution:

As agreed last meeting (see ToDo list) Jane informed by email of the status and necessary links on the CN1 Presence work, and requested volunteers for the mapping (see email distributed to the JWG email exploder on 28th April). Since the email was distributed there have been no volunteers to do the work. In view of the approaching completion date for the mapping document this contribution proposes that we consider reporting to the next CN plenary that in the absence of an editor, we are currently unable to complete this work. Furthermore, if the supporters of the Presence Work Item (as listed in NP-030302) are not willing or able to provide the resources to complete the work then perhaps the API mapping should be deleted from the work item.

A volunteer is requested (again)
It was noted that supporting companies are Lucent, MMO2, Nokia, Motorola, AT&T Wireless, NTT DoCoMo and Alcatel.

Noted

3.2.8   3GPP OMA discussions

N5-040319.zip Next Steps in OMA Overlap Discussions
Alcatel

Summary of contribution:

As reported last meeting, after the workshop between the Requirements groups of 3GPP and OMA, work is ongoing to address the overlaps between the two organizations. Among this work we can highlight that
-    A table of these overlaps have been created (see S1-040100)
-    Joerg Swetina from Siemens is in charge of this coordination.

This table includes OSA Web Services as one of the points of overlap.

As a first step, groups in 3GPP that have overlaps with OMA, as collected in SA-040100, are requested to give a summary of what they have. We discussed in Atlanta the possibility of using our stage 2, which needs updating, as a means of performing this communication.

Having failed to manage to have this done by SA2, this contribution would like to propose to use the Miami week for off line drafting of this updated OSA stage 2.

It is also proposed to have the resulting stage 2 presented and discussed at the end of the Miami meeting, so it has the consensus of all companies involved in the JWG.

Chelo volunteers a round of beer for volunteers to write an update against stage 2/.
Joe volunteers himself
Lucent suggests writing the LS in CR form
Suggestion accepted.
LS to be submitted on Friday

Noted

See 357

3.3   Parlay

Jane tells us that a liaison from SG16 was received and has the title "LS on Draft Recommendation on Metadata Framework (F.MDF)". ITU-T SG16 is working on metadata issues to develop a draft of ITU-T Metadata Framework Recommendation. It uses Parlay API as well as PAM-API for Metadata Framework. ITU-T Q.C/16 has developed the first Draft of Metadata Framework (F.MDF) with the intention of approving a final draft at the November 2004 meeting of Study Group 16.

3.3.1   Parlay Board

Nothing

3.3.2   Parlay TAC

Nothing

3.4   ETSI

Mentions the activity to start IMS-based NGN for Fixed Networks in cooperation with SDOs of US, China, Korea, Japan, etc.. The activity was presented in Atlanta.
How does that impact OSA? The view is expressed that OSA in TISPAN could be a candidate to represent OSA in this activity.

3.5   3GPP2

Nothing

3.6   Work between meetings
This agenda item aims to review the ToDo list from the previous meeting, plus reporting on any other between-meetings activity, if applicable.

0320 ToDo List Results
Alcatel

Document 119 was approved by e-mail
Contrary to the the contents of 320, Action Item 33 was done and submitted as 219 to this meeting

The list of CRs below were e-mail approved and update the Java code for the 2003 December spec.
In the future, we need to be careful if we update the production rules in Part 1.
Specifically, for release 6, we need a CR for every part to update the Java code.

Noted

N5-040226.zip Rel 5 CR 29.198-01 Correct Java code
Eamonn Murray, Aepona

This contribution, and the others below, were approved by email first by the JWG, then by the 3GPP CN plenary, in order to have correct Java code for the OSA functionality approved in the December 2003 3GPP plenary. They will be presented for information next CN plenary.

Noted

N5-040228.zip Rel 5 CR 29.198-02 Correct Java code

Eamonn Murray - Aepona

See 226.

Noted

N5-040229.zip Rel 5 CR 29.198-03 Correct Java code
Eamonn Murray, Aepona

See 226.

Noted

N5-040230.zip Rel 5 CR 29.198-04-1 Correct Java code
Eamonn Murray, Aepona

See 226.

Noted

N5-040231.zip Rel 5 CR 29.198-04-2 Correct Java code
Eamonn Murray, Aepona

See 226.

Noted

N5-040232.zip Rel 5 CR 29.198-04-3 Correct Java code
Eamonn Murray, Aepona

See 226.

Noted

N5-040233.zip Rel 5 CR 29.198-04-4 Correct Java code
Eamonn Murray, Aepona

See 226.

Noted

N5-040234.zip Rel 5 CR 29.198-05 Correct Java code
Eamonn Murray, Aepona

See 226.

Noted

N5-040235.zip Rel 5 CR 29.198-06 Correct Java code
Eamonn Murray, Aepona

See 226.

Noted

N5-040236.zip Rel 5 CR 29.198-07 Correct Java code
Eamonn Murray, Aepona

See 226.

Noted

N5-040237.zip Rel 5 CR 29.198-08 Correct Java code
Eamonn Murray, Aepona

See 226.

Noted

N5-040238.zip Rel 5 CR 29.198-11 Correct Java code
Eamonn Murray, Aepona

See 226.

Noted

N5-040239.zip Rel 5 CR 29.198-12 Correct Java code
Eamonn Murray, Aepona

See 226.

Noted

N5-040240.zip Rel 5 CR 29.198-13 Correct Java code
Eamonn Murray, Aepona

See 226.

Noted

N5-040241.zip Rel 5 CR 29.198-14 Correct Java code
Eamonn Murray, Aepona

See 226.

Noted

3.7   Other reporting

4   Input liaison statements

N5-040217.zip LS from T2 on MMS transfer to OMA
T2-040137

Summary of contribution:

This LS is not sent or Cc-ed to us, but for our information: the status of the discussion of the transfer of MMS to OMA.

Noted

N5-040218.zip LS from T2 to CN4, SA2, SA5, CN5 cc TSG-T, TSG-CN on latest version of 23.241 (GUP) and proposed work assignments
T2-040100

Summary of contribution:

This LS conveys the latest version of TS23.241, 3GPP Generic User Profile Stage 2 Data Description Method, for your information, and proposes some assignments for some future work for your consideration and decision. TS23.241 version 1.0.0 was presented to TSG-T#22 December 2003 for information. T2 have now completed the TS23.241 to the level required for submission to TSG-T#23 March 2004 for approval. The latest version is attached for your information.

Action requested from CN5: to review the TS for their information and possible future use.

Chelo announces that she will ask CN5 to decide whether CN5 will request to remove the GUP requirement during this meeting pending response from SA1.

 Noted

Note: no response was received by the end of the meeting.

N5-040227.zip LS from OMA-MWG to 3GPP, 3GPP2 (cc: OMA-REQ) on Capturing network-independent MMS requirements in OMA OMA-MWG-2004-0019
(Open Mobile Alliance - Messaging WG)

Summary of contribution:

LS from OMA, not sent or Cc-ed to us, but for our information: the OMA, 3GPP and 3GPP2 members that participated in the MMS Workshop in November 2003 reached several conclusions regarding the future of MMS activities. Following the workshop and subsequent reviews, OMA has been preparing the way forward to support network-independent MMS activities within OMA. This liaison supports one of the steps of that preparatory work: an invitation to 3GPP and 3GPP2 members to contribute to the capture of network-independent MMS requirements within OMA. OMA will track and monitor such requirements capture, and proactively communicate their status with 3GPP and 3GPP2 via liaison statements.

Noted

0321 LS reply from SA2 to CN5 on Request for clarification on the scope of the Ut interface towards the OSA-SCS
3GPP SA2

Summary of contribution:

As indicated in previous LS, the Ut reference point is only between the UE and the SIP AS. The attached CR 23.002-142 has addressed the noted misalignment in the TS 23.002, as we had requested.

Noted

N5-040370 LS from OMA Presence and Availability Group (PAG) to 3GPP CN5, ETSI TISPAN, Parlay JWG on Request for information on Group Management work in Parlay
OMA-PAG-2004-0120

Summary of contribution:

The OMA PAG WG is in the process of collecting requirements for Group Management. They request the Parlay Group to identify Parlay's activities in this area (requirements, specs, and the possibility of OMA PAG using Parlay requirements and specs).

Discussion:

Joe: what is the timeframe desired for the response?
Ihab: the sooner the better. They have a face to face meeting in two weeks, weekly conference calls, and next meeting in June.

Jane: is information requested in GM as a whole, or as related to PAM?
Ihab: they have separate WIs for Presence and GM, so GM is a standalone subject.
Joe: there are other activities, including requirements, in 3GPP, and we need to align with this requirements.

Michel: where is the PX GM requirement?
Joe: there were requirements for group support to be added to some interfaces (Location, Status and Presence), and this resulted into a requirement for group support.
Michel: has problems relating this to 22.250 and OMA work.
Joe: 22.250 is the kind of content that would be needed. The requirements definition is a small reflection of this.

Ihab: OMA requirements doc is done keeping 22.250 in mind.

Chelo: are you sending this LS to other 3GPP groups?
Ihab: yes.

Chelo: from the JWG we have nothing to give them at the moment.
Michel: we can reply we have nothing at the moment but we're aware of the Parlay X work that may affect our specs.

The same LS was discussed in the PX session, where the conclusion was that the response should wait until Parlay approves the sharing of this information.

Action item: Martin Yates/Richard Stretch to discuss GM LS response with Parlay. CN5 will consider a response at the next meeting.

Noted

5 Technical discussions OSA version 1 / 3GPP Rel.4

Only essential error corrections can be taken into account. Essential means that without the intended error correction the current spec can not be implemented (SCS and/or application side).

Note that as Parlay 3.2 has been finalised, and backwards compatibility has to be guaranteed, the assumption is that for error corrections in the scope of Parlay 3 / 3GPP Rel.4 only work around and documentation of the errors is allowed.

N5-040213.zip Overview of 3GPP Release 4 - Summary of all Release 4 Features
MCC

Summary of contribution:

We are invited to review and comment (preferably with revision marks) this 1st draft "Rel-4 Feature description" made by the CN5 MCC.

The participants are invited to submit comments in revision marks.
It is encouraged to share comments with Adrian on of before May 21th.

Noted

0249 CR 29.198-03 Rel-4 Correct Address Range service property type
ETSI PTCC

Summary of contribution:

The Service Property Type ADDRESSRANGE_SET is used to identify the sets of address ranges for which an application can request notifications. At present it is simply defined as a set of addresses, with wildcards permitted. The Address Plan within which these addresses are defined is missing. There is no way to correlate the values of a service property of type ADDRESSRANGE_SET with the values of a service property identifying the address plans supported by an SCF. This is a particular problem when more than one address plan is supported by an SCF, and has resulted in interoperability issues, where different interpretations have been placed on the contents of service properties of this type.

This contribution proposes to
- Introduce a new service property type XML_ADDRESS_RANGE_SET which is defined as a sequence of values of TpAddressRange, and therefore contains all the information necessary to uniquely identify address ranges, including the address plan. The service property type is formatted in XML. This is because most other formatting possibilities, using , ; : = etc. as delimiters, could cause confusion with various address types, where similar delimiters are also used; also, use of XML is compatible with the basic type of all service properties: they are passed as strings.
- Deprecate the existing ADDRESSRANGE_SET service property type, as it is replaced by XML_ADDRESS_RANGE_SET. This ensures the correction is backwards compatible.

If not approved, the interoperability problems encountered will continue, with different vendors adopting their own interpretation of the meaning of this service property type. These interoperability problems impact the interface between the Framework and an Application, and the interface between the Framework and the SCF.

Approved

0250 CR 29.198-03 Rel-5 Cat A Correct Address Range service property type
ETSI PTCC

Summary of contribution:

Mirror of 249, for Rel5.

Approved

0251 CR 29.198-03 Rel-6 Cat A Correct Address Range service property type
ETSI PTCC

Summary of contribution:

Mirror of 249, for Re65.

Approved

0252 CR 29.198-04 Rel-4 correct P_TRIGGERING_ADDRESSES service property
ETSI PTCC

Summary of contribution:

The Service Property P_TRIGGERING_ADDRESSES is used to identify the sets of address ranges for which an application can request notifications. At present it is defined as being of service property type ADDRESS_RANGE_SET. This type doesn't exist, but ADDRESSRANGE_SET does.   This is defined as a set of addresses, with wildcards permitted. The Address Plan within which these addresses are defined is missing.

There is no way to correlate the values of P_TRIGGERING_ADDRESSES with the values of P_ADDRESSPLAN, the service property identifying the address plans supported by the SCF. This is a particular problem when more than one address plan is supported by an SCF, and has resulted in interoperability issues, where different interpretations have been placed on the contents of these service properties.

This contribution proposes to
- Introduce a new service property P_NOTIFICATION_ADDRESS_RANGES which is of service property type XML_ADDRESS_RANGE_SET, which is defined as a sequence of values of TpAddressRange, and therefore contains all the information necessary to uniquely identify address ranges, including the address plan.
- Correct the description of P_ADDRESSPLAN to clarify that more than one address plan may be supported.
- Correct the definition of P_TRIGGERING_ADDRESSES to refer to the ADDRESSRANGE_SET service property type.
- Deprecate P_TRIGGERING_ADDRESSES as it is replaced by P_NOTIFICATION_ADDRESS_RANGES.

If not approved, the interoperability problems encountered will continue, with different vendors adopting their own interpretation of the meaning of these service properties.

Approved

0253 CR 29.198-04-2 Rel-5 Cat A correct P_TRIGGERING_ADDRESSES service property
ETSI PTCC

Summary of contribution:

Mirror of 252, for Rel5, Part 2.

Approved

0254 CR 29.198-04-2 Rel-6 Cat A correct P_TRIGGERING_ADDRESSES service property
ETSI PTCC

Summary of contribution:

Mirror of 252, for Rel6, Part 2.

Approved

0255 CR 29.198-04-3 Rel-5 Cat A correct P_TRIGGERING_ADDRESSES service property
ETSI PTCC

Summary of contribution:

Mirror of 252, for Rel5, Part 4-3.

Approved

0256 CR 29.198-04-3 Rel-6 Cat A correct P_TRIGGERING_ADDRESSES service property
ETSI PTCC

Summary of contribution:

Mirror of 252, for Rel6, Part 4-3.

Approved

0257 CR 29.198-05 Rel-4 correct P_TRIGGERING_ADDRESSES service property
ETSI PTCC

Summary of contribution:

The Service Property P_TRIGGERING_ADDRESSES is used to identify the sets of address ranges for which an application can request notifications. At present it is defined as being of service property type ADDRESS_RANGE_SET. This type doesn't exist, but ADDRESSRANGE_SET does.   This is defined as a set of addresses, with wildcards permitted. The Address Plan within which these addresses are defined is missing. This is a particular problem when more than one address plan is supported by an SCF, and has resulted in interoperability issues, where different interpretations have been placed on the contents of these service properties.

Ultan explains that Part 4 and the other parts have 2 service properties and are thus different from this document. Part 5 doesn't have P_ADDRESSPLAN, it only has P_TRIGGERING_ADDRESSES. But the only change needed with P_ADDRESSPLAN is to make it clear that it could contain more than one address plan - the real problem is with P_TRIGGERING_ADDRESSES service property.

This contribution proposes to:
- Introduce a new service property P_NOTIFICATION_ADDRESS_RANGES which is of service property type XML_ADDRESS_RANGE_SET, which is defined as a sequence of values of TpAddressRange, and therefore contains all the information necessary to uniquely identify address ranges, including the address plan.
- Correct the definition of P_TRIGGERING_ADDRESSES to refer to the ADDRESSRANGE_SET service property type.
- Deprecate P_TRIGGERING_ADDRESSES as it is replaced by P_NOTIFICATION_ADDRESS_RANGES.

If not approved, the interoperability problems encountered will continue, with different vendors adopting their own interpretation of the meaning of these service properties.

Approved

0258 CR 29.198-05 Rel-5 Cat A correct P_TRIGGERING_ADDRESSES service property
ETSI PTCC

Summary of contribution:

Mirror of 257 for Rel5.

Approved

0259 CR 29.198-05 Rel-6 Cat A correct P_TRIGGERING_ADDRESSES service property
ETSI PTCC

Summary of contribution:

Mirror of 257 for Rel6.

Approved

0260 CR 29.198-08 Rel-4 correct P_TRIGGERING_ADDRESSES service property
ETSI PTCC

Summary of contribution:

Same change as proposed in 252, for Part 8.

Approved

0261 CR 29.198-08 Rel-5 Cat A correct P_TRIGGERING_ADDRESSES service property
ETSI PTCC

Summary of contribution:

Mirror of 260 for Rel5.

Approved

0262 CR 29.198-08 Rel-6 Cat A correct P_TRIGGERING_ADDRESSES service property
ETSI PTCC

Summary of contribution:

Mirror of 260 for Rel6.

Approved

0263 CR 29.198-11 Rel-4 correct P_TRIGGERING_ADDRESSES service property
ETSI PTCC

Summary of contribution:

Same change as proposed in 252, for Part 11.

Approved

0264 CR 29.198-11 Rel-5 Cat A correct P_TRIGGERING_ADDRESSES service property
ETSI PTCC

Summary of contribution:

Mirror of 263 or Rel5.
Approved

0265 CR 29.198-11 Rel-6 Cat A correct P_TRIGGERING_ADDRESSES service property
ETSI PTCC

Summary of contribution:

Mirror of 263 or Rel6.

Approved

0266 Parlay 3 callbacks text clarifications for GCCS and MPCCS
Appium

Summary of contribution:

Misunderstandings in how to treat call backs was reported from the second OSA/Parlay PLUGTEST event in a contribution provided by NTT (N5-040077).. The result of OSA/Parlay interoperability test reports major misunderstandings of how call back references were passed to Gateway. Especially the sequence and timing of event for the sending of call backs seemed not to be clear enough in the specs. This contribution proposes clarifying text on this issue for GCCS and MPCCS for Parlay 3 / 3GPP R4. If accepted, it is proposed to create a CR as proposed within this contribution.

The proposed CR proposes to introduce clarifying text for the sequence and timing of event for the sending of call backs for GCCS as well as MPCCS.

If not approved, the consequence would be interoperability problems.

Some CR header observations follow:
- Strip of the non-CR front page
- The mirrors are 269, 270, 271 and 272.
- This needs to be reflected in the cover sheet
- Question marks after Parlay Member need to be removed; Parlay Member can be changed into Appium.

Accepted with changes

Note: Lucent was not present in this session. They had comments on these contributions, agreeing with them in principle but going a step further in these clarifications. They announce that when the CRs from Appium are implemented, they will submit these changes.

Updated to 338

0338 Parlay 3 callbacks text clarifications for GCCS and MPCCS
Appium

Update of 266

Agreed

0269 Parlay 4 callbacks text clarifications for GCCS
Appium

Mirror of 266 for Rel5.

Same front page changes apply

Accepted with changes

Updated to 339

0339 Parlay 4 callbacks text clarifications for GCCS
Appium

Update of 269

Agreed

0270 Parlay 4 callbacks text clarifications for MPCCS
Appium

Mirror of 266 for Rel5.

Exactly the same except for same set of changes that was applied to <<new>> method enableNotifications.

Accepted with changes

Updated to 340

0340 Parlay 4 callbacks text clarifications for MPCCS
Appium

Update of 270

Agreed

0271 Parlay 5 callbacks text clarifications for GCCS
Appium

Mirror of 266 for Rel6.

Same front page changes apply

Accepted with changes

Updated to 341

0341 Parlay 5 callbacks text clarifications for GCCS
Appium

Update of 271

Agreed

0272 Parlay 5 callbacks text clarifications for MPCCS
Appium

Mirror of 266 for Rel6.

Same front page changes apply

Accepted with changes

Updated to 342

0342 Parlay 5 callbacks text clarifications for GCCS
Appium

Update of 272

Agreed

6   Technical discussions OSA version 2 / 3GPP Rel.5

Only essential error corrections can be taken into account. Essential means that without the intended error correction the current spec can not be implemented (SCS and/or application side).

Note that as Parlay 4.0 has been finalised, and backwards compatibility has to be guaranteed, the assumption is that for error corrections in the scope of Parlay 4 / 3GPP Rel.5 only work around and documentation of the errors is allowed.

0242 Correct Description of AvailStatusReason
Lucent

Summary of contribution:

The descriptions of the TpSvcAvailStatusReason and TpAppAvailStatusReason codes seem vague and can cause ambiguity across implementations resulting in inoperability between SCFs and clients.

This CR addresses the changes needed to clarify the intent of the reason codes:
1) The reason codes apply to a service instance (not an SCF).
2) Mention that the 'expected' recovery time could be defined within the SLA so the client doesn't wait indefinitely for the service instance to become available.
3) Explicitly state which reason codes are temporary and which are permanent.

If not approved, there would remain confusion as to what action the Framework and Client should take. Without explicitly stating the expected behavior, interoperability between SCFs and Applications will suffer.

Discussion:

Ramson: notices that text at the beginning of 10.4.22 also requires modification according to the first point of reasons for change.

Approved with this change. Needs Rel6 mirror. Update will be 349, mirror 350.

0349 Update of 242
Lucent

For e-mail approval

0350 Mirror of 349
Lucent

For e-mail approval

0279 Rel-5 CR 29.198-03 Clarify usage of selectSigningAlgorithm
Lucent

Summary of contribution:

The described usage of the selectSigningAlgorithm() method is ambiguous and requires additional clarification. This contribution proposes additional clarifying text has been added to selectSigningAlgorithm() and to each of the methods that use a digital signature. If not approved, there is a possibility of a client using an incorrect signing algorithm within some methods.

Discussion:

Jacques: for trusted applications, should we use selectSignAlgorithm?
Ultan: the SLA signature is identical whether the application is trusted or not.

Ultan: only a change is one of the signServiceAgreement methods has been included, and not in the application side. Is there a need? Agreed there is no need.

Ultan: change "clarify" → "correct". Try to rephrase the reasons for change and consequences if not approved to stress the importance.

Approved with front page changes. Also needs Rel6 mirror. Update will be 351, Rel6 mirror will be 352.

351 Update of 279
Lucent

For e-mail approval

0352 Mirror of 351
Lucent

For e-mail approval

0280 Rel-5 CR 29.198-03 Clarify usage of CHAP within authentication
Lucent

Summary of contribution:

The usage of the CHAP protocol during authentication within the challenge() methods is unclear in and differing interpretations of its usage have resulted in interoperability problems.

This contribution proposes additional description and clarifying steps on the usage of CHAP have been added to the challenge() method descriptions to define how it is used in authentication. Note that the same description and steps have been applied to both challenge() methods.

If not approved, confusion and disagreement as to precisely how the CHAP exchange is used within authentication would remain and there would be continued interoperability problems.

Discussion:

Ultan: comments it is good to have a review and enhancement of this, which was changed from Rel4 and has not gone through as much review as other things.
Ramson: why was the Null authentication deleted?
Ultan: as a result of the first interop event,w here it was concluded that in the trusted case there is no need for an authentication mechanism.

Same comments to the fron page as to 279.

Approved with front page changes. Also needs Rel6 mirror. Update will be 353, Rel6 mirror will be 354.

353 Update of 280
Lucent

For e-mail approval

0354 Mirror of 353
Lucent

For e-mail approval

0281 Rel-5 CR 29.198-03 Correct TpSignatureAndServiceMgr to align with description in signServiceAgreement
Lucent

Summary of contribution:

The TpSignatureAndServiceMgr type description is not aligned with the signServiceAgreement description. There is a discrepancy about the contents of the digital signature. Ths contribution proposes to modify the TpSignatureAndServiceMgr description to align with the description in signServiceAgreement(). If not approved, the contents of the digital signature returned in signServiceAgreement will vary depending on which section of the specification is used, possibly resulting in failures.

Discussion:

Ultan: should the description include all related text in the signServiceAgreement description, so that the decriptions in the two places match 100%.
Ramson: agreed.

Chelo: rephrase consequences if not approved to stress the dangers.

Approved with changes. Needs Rel6 mirror. Update will be 355, Rel6 mirror will be 356.

355 Update of 281
Lucent

For e-mail approval

0356 Mirror of 355
Lucent

For e-mail approval

0274 Tool support to enforce deprecation
Telcordia

Summary of contribution:

Java source can evolve between one version and the next. Three causes of evolution are identified:
- Through applying changes to the UML
- Through applying changes to the rulebook
- Through improving the Java production process

We recommend that deprecation rules are maintained between subsequent versions of the Java sources. We have therefore submitted a companion document to introduce such a rule in 29.198-01.

In order to simplify support for deprecated tag, Telcordia is developing a tool, and is willing to supply it. The tool compares two compiled versions of the Java code associated with a specification version; say version $v.i$ and $v.i+1$. The tool lists all the classes, methods and fields found in version $v.i$ that are not found in version $v.i+1$ of the specification. The listed Java code needs to be added to specification version $v.i+1$. Further automation is being considered.

Discussion:

Ultan: is it intended to use a deprecated type for the same purpose as in the UML, and also to identify areas where there is a difference between two versions of the Java source code in cases where we wouldn't have deprecated the UML (like when extending data types)?
John-Luc: no, no deprecation when extending data types. Recompilation is still necessary, but some rules in he rule book have an extensive effect in the Java source.

Ultan: some of our APIs are not under full BC requirements, and we may make changes where we don't deprecate.
John-Luc: the tool will not take into account the maturity, but this should be addressed – one possibility is not to use the tool for SCFs which are not in a maturity level to require BC.

Chelo: is the intention to use deprecation as in the UML (we deprecate interfaces, methods if we change parameters, if we add exceptions, service properties; we don't deprecate types)?
John-Luc: the idea is to use deprecation as Java intended it - deprecate any object that has been removed.

Ultan: would it be possible to use this mechanism to identity in the Java code what has been deprecated in the UML? The Java deprecated tag could be used like that. We could add this to the production process.
John-Luc: wants BC in different versions of the specification, no matter what is deprecated in the UML. Likes things the way they are. If there is a need to improve the production process, encourages this discussion.

Chelo: what does making this tool available mean?
John-Luc: needs to find out. The tool is at the moment in the prototyping state.

Noted.

<u>0275</u> Correct Java Rulebook to conform to Java accepted standards
Telcordia

Summary of contribution:

Java code, and a rulebook for developing it, were introduced into the OSA specifications in September 2003. The Java production process is not required to take into account evolution of the Java source. To allow for Java API evolution; Java supports the deprecated tag.

This contribution proposes to introduce required use of the deprecated tag when applying the production process. The deprecated tag enforces backward compatibility.

If not approved, different versions of the Java source can evolve without carry-over of the previous code. This situation will discourage companies from developing implementations which use the Java code part of the OSA specifications.

Discussion:

Ultan: is this generic to all Java realizations or specific to any of them?
John-Luc: generic.

Ultan: wrong "other specs" in front page.
John-Luc: agreed.

Ultan: mirror needs to be provided. Also some typos in the text.

Agreed with changes. Will be updated to 345, mirror will be 346.

0345 Update of 275
Telcordia

For e-mail approval

0346 Mirror of 345
Telcordia

For e-mail approval

<u>0276</u> Correct Java Rulebook to conform to produced Java J2EE source
Telcordia

Summary of contribution:

Java code, and a rulebook for developing it, were introduced into the OSA specifications in September 2003. The produced J2EE code is not compliant with the Rulebook. Correction of the rulebook is required to reflect the generated J2EE code.

This contribution brings the rulebook inline with the produced Java J2EE code:

If not approved, a mismatch between the production rules and the produced Java J2EE code.

Discussion:

Ultan: mirror CR needed. Also table at the end. Also correct clauses affected.

Chelo: the "reasons for change" seem to imply that having found a mismatch between the code and the rule book, the solution proposed is to change the rulebook, but it's really an example that's wrong.
John-Luc: will be re-phrased.

Ultan: is it the J2EE or the J2SE code?
John-Luc: needs to verify if the J2SE Java source is equivalent to this example. Will check if change in J2EE is needed.

Agreed not to approve this due to this last comment. John-Luc will check and bring an update.

347 for the update, 348 for Rel6 mirror.

0347 Update of 265
Telcordia

Withdrawn

0348 Mirror of 347
Telcordia

Withdrawn

7   Parlay X Web Services and WSDL Realization session

N5-040222.zip Rel-6 CR 29.199 Add OTA in OSA Web Service
Yunyong ZHANG (zhangyy@chinaunicom.com.cn)

See 220

Noted

0292 Parlay X Web Services specification v1.0.2
BT Exact

Not discussed
Updated to 327

0327 ParlayX_Web_Services_Specification_v1_0_2
BT Exact

- The document contains updates to the document structure information by adding information related to the document/literal WSDL inclusion (section 1.7)
- Minor corrections to the WS-I references in (section 1.7)
- Includes references to the document/literal WSDL files that accompany the specification. This change results in a reference being added to the interface definition for each interface in the specification in the WSDL references (e.g. section 2.4).
- The other addition is the updated WSDL zip which is packaged with the specification document.

The meeting would like to see 29.199 updated.
The Parlay document, the ETSI draft and 29.199 needs to be updated
The Parlay document version number should have a subsequent version number (1.0.1).
There should be no further work on the Parlay X document after 3GPP applied change control to the format of 29.199 in September.
This document should be the basis of the reorg.
So the document reorg based on 29.199-101.
Submit to Piscataway the restructered 29.199 with change marks reflecting the contents of this document. It is suggested to submit any additional changes as separate contributions to Piscataway.
For Piscataway, add to reasons to change "WS-I compliant"

Noted

7.1   Parlay X/JWG 299.99 document structure

0291 Parlay X issues to resolve
ETSI PTCC

Summary of contribution:

Parlay has developed a first version of ParlayX, known within Parlay as ParlayX 1.0, which has been published. This document has been handed over to the JWG for maintenance, while Parlay continues with ParlayX 2.0 specification. There has been very little consideration of how to manage the ParlayX development, in terms of specification releases, document format, relationship with the other OSA/Parlay specifications etc. Now, prior to publication of ParlayX 1.0 as an ETSI or 3GPP specification, is probably the last chance to sort these issues out.

The following issues require immediate resolution:

1. ParlayX Release Plan
Parlay X 1.0 is part of 3GPP Release 6. Therefore, within 3GPP, it will be maintained as a Rel-6 specification, in parallel with the Rel-7 version of ParlayX, and so on. In the absence of a decision, ParlayX will be maintained as usual in each 3GPP release in which it is included. It will be 'branded' as 'ParlayX 1' in ETSI, corresponding to 3GPP Release-6, and as 'ParlayX 2', corresponding to 3GPP Release-7, this even if 3GPP Release 6 contains what Parlay considers to be the technical contents of ParlayX 2.0.

Discussion now takes place on the following questions raised in the contribution:

Will there be any maintenance of ParlayX 1.0 to form ParlayX 1.1, or will all maintenance be performed as part of the following release? i.e. will the Release 6 version of ParlayX be maintained?

John-Luc: there has been some maintenance in a Parlay 1.0.1
Richard: the decision taken was that all versions of Parlay X 1 would be maintained by the JWG.
Ultan: Parlay X1 will be maintained in parallel with Parlay X2.

Ultan: will Parlay X2 be part of 3GPP Rel6?
John-Luc: this is the intention.
Musa: when was this decision taken? He is not aware of it.
John-Luc: in the Parlay meeting in Rome.
Musa: is that the right place to decide this?
Chelo: considers this as a proposal from PX WG, that has not been discussed yet in the JWG. Believed that this was one of the objectives of this week.
Ultan: if it is done then it has to have a name for the ETSI specifications
Richard: from the market perspective they need to be different.
Joe: the key issue is not to confuse those who use the APIs but don't participate in the standardization.
Ultan: ETSI will publish Parlay X as Parlay X 1, which will correspond to 3GPP Rel6, regardless of the technical content (i.e. regardless of whether we include Parlay X 2 or not).
Erwin: is it the intention of the Parlay X WG to finalize PX2 within the timeframe of 3GPP Rel6? If so, and since PX2 is a superset of PX1, then why not releasing PX2 in 3GPP Rel6?
Richard: then there will be a discrepancy with ETSI, because ETSI is going to publish PX1 and PX2 separately.
Chelo: when was this decision taken? ETSI has not published anything, and we have not discussed what to publish.
Ultan: no decision has been taken.
Joe: proposes ETSI's publication to be called 1.1.
Musa: feels uncomfortable because we only have one meeting to discuss PX2 in the JWG before the freeze of Rel6, because PX2 has not been shown to the JWG until now and we never discussed it, or even the associated requirements and architecture.
John-Luc: true, there is no reflection in the stage 2 of 3GPP, but there is a requirement that allows for it.
Musa: the requirement is a blanket statement, Lucent would not be comfortable with that.
Chelo: the JWG needs to discuss the contributions, and some of them may have architectural implications; this needs to be discussed and we don't have enough time.
Joe: PX addresses the same requirements as OSA does, there is a lot of consistency. Is concerned because there is a lot of industry interest in this.
Musa: disagrees that there are requirements for PX2. Agrees on the industry interest, but precisely for that believes we should do things properly.
John-Luc: does not agree that PX2 does not have 3GPP requirements, for instance there is PAM, for which there are requirements.
Ultan: is there any real possibility that PX2 is technically finished for August? Also the JWG has seen nothing.

Richard: proposes we take the as a working assumption that we publish PX1 and PX2 separately, because the market is already using PX1.

John-Luc: the Rome working assumption was to publish them together.

Joe: believes the technical content will be ready for 3GPP Rel6, though is not sure if everything can be ready – these parts can be left for the next release.

Chelo: the non Parlay member companies of the JWG have not seen any PX2 material.

Joe: clarifies that the material should be presented in a form that the JWG does not need to do extra work.

Chelo: we often have two different contributions for the same requirement, not everybody likes the same solution for the same requirement, and we usually need several meetings to reach a consensus; we're not going to have time for this.

Ultan: proposes to work until august to see what we can include, and after that work on an ETSI/Parlay release with the rest, that will go in the future to Rel7.

Musa: if we miss the September deadline it doesn't mean that we need to wait 2 years to publish available technical material. As soon as Rel7 is open in 3GPP we can have a published first version.

Anders: would not like the first ETSI version to be different in content to the already published PX1, except necessary fixes; it would confuse the market.

Musa: agrees; the easiest way forward is to align PX1 as we know it with Rel6, and PX2 as we know it with Rel7.

John-Luc: would prefer to discuss the requirements on a case by case basis; for example it would be interesting to have PAM.

Musa: would consider PAM.

Joe: agrees identifying what we want to publish on a case by case basis.

Anders: agrees to make changes, but stresses that we shouldn't confuse the market.

Musa: changing existing specifications is business as usual.

Summary from John-Luc: today the PX WG will work on prioritising and will start working on contributions to the JWG meeting in August.

Chelo: reminds that this doesn't mean that the JWG will accept them for publication.

2. Specification Numbering:

ParlayX is identified in 3GPP as TS 29.199. This number will remain constant in all 3GPP releases. Does ETSI and Parlay want a static or semi-static specification number, permitting more than one phase of ParlayX to be maintained in parallel? In the absence of a decision, no specification number range will be reserved for ParlayX phased releases in ETSI (this is, in any case, an unusual practice) - the next available ETSI specification number will be chosen for each release. However, each release will be identified as 'ParlayX 1', 'ParlayX 2' etc.

Agreed that the document number doesn't matter, it is the version number that matters.

Structure of ParlayX:

Parlay X 1.0 has been handed over to the JWG for maintenance, and is now the responsibility of the JWG. Parlay has continued to work on the next version of ParlayX, on the understanding that this next version will have new APIs only, and not updates of existing APIs of ParlayX (these are handled by the JWG). How do we publish this next version of ParlayX?

  o By combining it into the single ParlayX specification at ETSI and 3GPP, under the next release?
  o By creating a multi-part specification, the first part being the existing ParlayX 1, the second part being the new APIs of ParlayX 2? But there may be relationships between some of the ParlayX 2 APIs and some ParlayX 1 APIs, which would make the document structure appear unusual.

In the absence of a decision, the first mechanism will be chosen (combining the new material from ParlayX WG into the ETSI and 3GPP specification).

Joe: his contribution 337 covers most of this.

The meeting agrees to discuss 337 now.

After discussing 337, discussion continues on the possibility to have a multi-part PX document. The meeting agrees to restructure 29.199 (3GPP) and the corresponding ETSI document into a multi-part document.

Julian volunteers to do the restructuring. Agreed that it will only be a restructuring for the moment, and (except for adding introductions etc) the existing contents will not be changed.

Dates: the document needs to be submitted to the 3GPP CN plenary before May 26. We need one week for email approval

Chelo: are the advantages of having a multi-part document such that we need this even in this this tight schedule?

Joe: believes a single document will be unworkable – this is an immature spec, we're going to be deprecating lots of stuff. Also for liaison purposes it's going to be difficult – we may have problems getting for instance one OMA group approving referencing our specs if another group doesn't agree. Maintenance would be more time effective if future CRs don't have to be done to a bigger document.

The meeting agrees that this restructuring is desirable. Also that it needs to be done for the June plenary, because it is the last one before the Rel6 freeze. The question is whether it is possible. Julian and Joe volunteer to do the restructuring.

Musa: requests the use of revision marks for the introductory sections etc (for the added content, not for the template changes), in order to make review easier. Agreed.

Eamonn: would like to understand if this is desirable or really necessary. Also would like to understand how having a single document endangers our ability to make changes in the future.
Joe: cannot give details but there has been a case in OMA where an external reference could not be made in OMA because of other references in the referred document. For maintenance, this is a practical issue: as our number of interfaces grows, the document will be very large.

Numbering of parts:
- Part 1: overview and common data types
- Part 2-9: the sections of 29.199, in the same order.

Mapping information: it will not be included this version, but we need to decide how to include it in the future. It could be an informative annex, or an TR (like we have for the base APIs). It is agreed that the mapping is not normative. It is agreed that there is no need to decide now, because an annex is always part of the ETSI template, that can be removed if empty.

Agreed dates: May 19 mid afternoon European time for submission to the JWG list of the 3GPP version of the document (the ETSI version can wait); email revision until May 25. Presented to the plenary that starts in June 2. Agreed to have a phased approach with parts available for review before May 19, so there is time for updates according to comments if necessary.

Noted.

| 0337 Parlay X Web Services Document structure |
| IBM |

Summary of contribution:

In publishing the Parlay X Web Services specifications (29.199), the structure of the documents may be an influence on how the specifications are managed and utilized. One consideration is whether the set of Web Services are defined within a single specification document, or whether a document set approach is used; where each document in the set pertains to a specific service, which may contain one interface or a set of related interfaces. For example, SMS has three interfaces defined, which may be addressed in one specification part.

This contribution proposes some arguments in favour of the specification set option.

Discussion:

John-Luc: do we need to present a first version of the multipart document to 3GPP?
Chelo: yes.
Ultan: yes – in ETSI new WIs need to be created to every part, and for 3GPP it should be done for the June plenary. This means it has to be ready this meeting.

John-Luc: what about the legal IPR issue with PayCircle? IPR issues take time.
Ultan: it is not a problem.

Ultan: also take into account the big increase of document size – most of the PX APIs specifications are very short, but every ETSI/3GPP specification document has a lot of common sections. In some cases we'd be doubling the size.
Julian: the proposal is that the format is like the one being used for PX2, which includes mapping so it already doubles the sizes of the APIs, thus making the ETSI overhead smaller. Also volunteers to do the document reformatting.

John-Luc: the mapping info has not been seen by the JWG, this cannot be agreed by email, it needs to be left for the August meeting.
Chelo: we're leaving so any things to the august meeting that it seems unlikely we can agree on everything.
Joe: proposes to start discussing this afternoon how to share information sooner with the JWG.
Chelo: the sooner we share this info the more likely it is that we can agree them.

Musa: would PX output result in stage 2 input to 3GPP?
John-Luc: there is already an activity to update the 3GPP OSA stage 2.
Musa: what would it include? TDoc 337 talks about the Parlay X Web Service.
Chelo: the update to stage 2 should include what 3GPP has seen.
Michel: stage 2 should be based on what we have, and not on assumptions on what will be available in September.
Chelo: the purpose of the proposal to work on a stage 2 this week
John-Luc: what about PAM? Would rather give to OMA a snapshot in September.
Musa: do we agree that the snapshot of September cannot be done today?
John-Luc: when is this going to be presented to OMA? Could it be in September?
Chelo: the person in charge is waiting for us. September would be too late.
Eamonn: is PAM the only exception?
John-Luc: PAM is an example. There may be more. We should discuss on a case by case basis.
Chelo: agrees having PAM would be better, but we cannot tell OMA we have what we don't have. And this is a 3GPP-OMA communication, and 3GPP has never seen it.

Conclusion: continue discussing in the JWG.

Noted.

7.2   Parlay X/Parlay Web Services/JWG joint harmonization session

N5-040344.zip Parlay X and WSDL – proposal for progress
ETSI PTCC

This document tries to structure the discussion. It explains the JWG expectations & responsibilities. And identifies some priorities.
As long as the JWG WSDL is not corrected, we cannot use them for harmonization.
We need to see the JWG WSDL before Parlay X can conclude that some of their requirements are satisfied.
Pragmatics suggest: do not have two identical descriptions in two documents if they are not intended for divergence. 29.199 should include hand-crafted WSDL and 29.198 should include model generated interfaces.

Martin: the 29.198 is based on rules to be found in Part 1. Thus the starting point is to update the rules. If the rules can't be updated then we need to think about alternatives.
Joe: what can be based on rule based system. It is clear that there is a significant amount of handwork. The handwork comes into play when comparing JWG WSDL and Parlay X WSDL.

Can we have rules that result in satisfactory WSDL? What is the desired result of applying these rules.

Go through each of the APIs and see what can be generated by generic rules
There might be fine-grained rules; rules per SCF.
What are the timeframes?
WS-I compliant and styleguide compliant WSDL and rules by next Friday.
By the end of June a significant improved set of rules.

WS Framework is presented to Parlay WS and Joe seeks to move that to JWG by the end of May.

Noted

N5-040329.zip JWG Harmonization conference call notes
IBM

Noted

N5-040244.zip Web Services Harmonization
Joe McIntyre, IBM

Noted

> N5-040248.zip Web Services Top Down View
> Joe McIntyre, IBM

Noted

8   Messaging session

Michel: Lucent would like to clarify that these documents are submitted late. Lucent views this is a resubmission. How to deal with resubmitted this document.
Erwin: this is a stage 3 document. In earlier sessions we have not
Michel: does this stage 3 take into account discussion stage 1 and stage 2 documents
Erwin: claims stage 3 does reflect stage 2 and 1 discussions.

> 0277 Introduction to Proposed API for new Messaging SCF
> Lucent

This document contains a high level overview and a class diagram. It serves as an introduction to 278 and intents to build on the progress made during the last meetings.

Q1: Session based messaging: belongs in these interfaces or in User Interaction based interfaces. The current document proposes to have a single SCF for everything.

Erwin: proposes to go through 332.
Discussion moves to 332.

Noted

> 0278 Proposed API for new Messaging SCF
> Lucent

Noted

> 0332 Comments and questions for N5-040277 and N5-040278
> Ericsson

Is an analysis of 278 and 277. It lists comments for discussion and decision.
Three main points:
Point general.1) suggest renaming the object names into messaging from communication.
Lucent: makes the point that if Messaging is in the name of the interfaces it might cause confusion with the name GMS SCF. Welcomes suggestions for name change.
Proposal is to postpone this discussion.
Action Item: Ransum Murphy to start e-mail discussion listing the proposed names for the interfaces and SCF name.

Point general.2) Asks the group to study if 'session' support is needed in this SCF as it is already supported in the GUI API.
Point general.2.1) why is GUI's session not sufficient"
Lucent: this proposal follows the principle of integrating all Messaging functionality in one SCF. Recall that this was a high level agreement of the Sophia meeting.
Ericsson: SMS messages are not correlated so what is the purpose of the communication session interface.
Lucent: wants all messaging paradigms as listed in Sophia to be supported by this SCF.
Appium: support for correlation below or above the API is an abstraction level question.
Appium & Ultan: recalls that everything messaging should be handled by the new SCF
Erricson agrees

The meeting agrees that all messaging related functionality shall be in scope for the messaging API.

Point general.2.2) Is there a need for a session notion in the messaging SCF.

Ericsson differentiates between correlated and non-correlated messaging functions.
Lucent: if there is functional difference then that is a reason to expose correlated and non-correlated messaging
Appium would like to see one API rather than different APIs where the differences are driven by the underlying signalling

Lucent claims that this single messaging API would be complex as it covers all kinds of messaging
Ericsson would like to see this API on the top level as this would reduce interface complexity.
FTW offers use cases that support the notion of session
The meeting agrees that there is a need for the session concept based on the use cases.

Erwin drafts 3 options:
1) sendMessage on the manager
2) sendMessage on the manager and session
3) sendMessage on the session

Aepona states a preference towards option 3 as it is a different pattern not employed by other SCFs.
4) Aepona offers an alternative class hierarchy with inheritance: it shows three objects, a manager with a openMessaging() and
an IpMessaging with a non-correlated sendMessage() and inherited from IpMessaging an interface IpSessionMessgaing for
correlated sendMessage().

Ericsson claims that a method like cancelMessage might not make sense in some session protocols but that it is inherited from
the parent interface in Aepona's proposal.

Option 5 (option 4 without inheritance) emerged and was found acceptable during the coffee break. It takes care of two issues:
1) keep the manager free of clutter
2) have support for separate not-correlated and correlated sendMessage methods

It is suggested to resist splitting up the proposed messaging interface if methods are found to be more applicable to session
(correlated) and (non-correlated) single-shot methods.

Point general.3) closed

No more class level comments are identified.

The meeting proceeds with drafting the classes and lists the difference on method level with 277. Following the conclusion on
point 1 we will not further debate the interface name and replace Communication with X.

IpXManager

openSession() will have different semantics: it can have an empty TpAddressSet which means IpX not associated with any
particular user. We suggest to change the name to openX().
No further changes

IpAppXManager

No changes

IpMailbox

IpMailbox includes the IpMessageManager methods. This may be revisited if use cases to the contrary are found.
No agreements is reached on whether methods should be synchronous or asynchronous
Add listMessages per Point IpMailbox.7 (see below in notes)
Remove getMessages per Point IpMailbox.7
Add getFullMessage(), getMessageHeaders(), getMessageContent(), listBodyParts(), getBodyPart() (clean up may be needed if
there redundancy found) per Point IpMailbox.9
No further changes

IpAppMailbox

No agreements is reached on whether methods should be synchronous or asynchronous
No further changes

IpX

The instance of IpX may or may not be applicable to a particular set of users
No further changes

IpAppX

No changes

This new class diagram allows us to revisit the remaining issues raised in this document.

Point IpCommunicationManager.1.1) agreed, the change will be made
Point IpCommunicationManager.1.2) closed

Point IpCommunicationManager.2) postponed
Point IpCommunicationManager.3) postponed

Point IpCommunicationManager.4) agreed, this is per common pattern

Point IpAppCommunicationManager.1) postponed
Point IpAppCommunicationManager.2) postponed
Point IpAppCommunicationManager.3) postponed
Point IpAppCommunicationManager.4) postponed

Point IpMailbox.1) postponed
Point IpMailbox.2) postponed
Point IpMailbox.3) closed
Point IpMailbox.4) closed
Point IpMailbox.5) postponed
Point IpMailbox.6) postponed
Point IpMailbox.7) agreed, listMessages added pending the discussion on (a)synschronous method invocation
Point IpMailbox.8) postponed, maybe applicable to listMessages
Point IpMailbox.9) there is value in retrieving the full message (including the headers) and getting access to all the individual parts of a message by value of by reference.

It is proposed by Ericsson to use getFullMessage(), getMessageHeaders(), getMessageContent(), listBodyParts(), getBodyPart() per Figure 2 of document 333, in order to get access to message parts.

If a message type does not support headers, how do we map this message type to the methods? getFullMessage() can than still be used to get access to the full, raw, message.

Agreed.

Point Ip[App]CommunicationSession.a) postponed
Point Ip[App]CommunicationSession.b) there may a need for such methods, closed
Point Ip[App]CommunicationSession.c) there may a need for such methods, closed

Point IpMessageManager.1) closed
Point IpMessageManager.2) postponed
Point IpMessageManager.3) postponed
Point IpMessageManager.4) postponed
Point IpMessageManager.5) postponed

Point TpMessageInfoProperties.1) postponed

All points in the conclusion section is closed.

Subject SCF name
Messaging shall be part of the name
Ultan: do we want GMS in Parlay 5?
Musa: recalls a Bangkok decision not to touch GMS; would like to have a name that does not closely resemble the SCF in Parlay.
Joe & Eamonn: support removing GMS from Parlay 5 and forward.
Ultan & Jane: name the SCF "Unified Messaging"
It is suggested to write a white paper that explains the use of UI, GMS and the new Messaging SCFs.

Action Item: Richard to start discussion on whether GMS is to be retained in Parlay 5

Action item: Joe to take the lead on producing a white paper explaining the relations messaging functionality in between GUI, GMS and the new Messaging SCFs

Orange: raises that informational section of the new Messaging SCF can be used to explain how GUI, GMS and new Messaging SCF is to be used.

The meeting does not feel that such guidance is needed in the informational section for GUI.

E-plus: name the new Messaging SCF "multimedia messaging SCF"
All in agreement.

Subject X in Interface Name

X == "MultimediaMessaging"

Subject Synchronous/asynchronous
Lucent agrees with using asynchronous method patterns if database access or signaling activities are required for methods in IpMailbox.
Ericsson: all IpMailbox methods (except close()) should be asynchronous
IBM: proposes to make none of the IpMailbox methods asynchronous if performance is the primary reason

Action Item: Musa to kick of e-mail discussion

Lucent & Ericsson to progress work offline.
- MIME Headers, what MIME types need to made visible
- Message parts are possible retrieved not only one part by one; getting insight into body part structure.
- Mailbox indication will likely be flexible in the sense that not all parts are "typed".
- Rename openSession?
- Parameter discussion will be done offline
- Agreed to build on UML model
- Will schedule a JWG conference call

Action Item: Erwin to summarize offline Messaging discussion on Monday

Noted

0333 Proposed stage 3 definition of Messaging SCF
Ericsson

Noted

9   Other technical discussions OSA version 3 / 3GPP Rel.6
9.1   Requirements

N5-040246.zip ETSI_Parlay 5_Requirements_v0.9
BT Exact

This document contains two ETSI TISPAN WG2 and WG7 questions.

A question on User Application Authentication
A number of questions are raised by Joe. After resolving Chelo's action item we may want to pass these questions to SA1.

A question on User Binding functions
NTT/Telcordia will work offline with the author to resolve this question such that an answer can be provided ETSI TISPAN WG2 & WG7

noted

N5-040247.zip ETSI_Parlay_ Requirement6_draft0.2
BT Exact

Michel: what is the procedure for aligning this with 3GPP SA1?
Richard: Parlay members are encouraged to participate in SA1 and bring the requirements forward.

Document Update and Retrieval requirement

Lucent raised questions which are reflected in the document.
Document 336 addresses these questions.

Lucent: use case is subscription based information. Feels like GUP.
Wipro: all uses cases are at least partially based on subscribed information
FTW: Uses cases can be implemented with standard technologies, e.g. CPL, above the Gateway level. Questions whether a map SCF needs to be implemented as Parlay GW SCF in the Operator domain?
WIPRO: this SCF can be part of the Enterprise domain
Telenity: supports WIPRO and points out that there are no content servers that can store content; a content provisioning API.
Telcordia: are there restrictions associated to content access?
WIPRO: yes this can be added to the scope.
BT: Does WIPRO participate in 3GPP SA1? How can WIPRO bring this requirement into in SA1?
WIPRO does not participate in 3GPP SA1 but it is suggested that WIPRO collaborates with 3GPP members to submit these requirements
Lucent point out that 3GPP architectural changes may be needed

Wipro to update section 6.1.

Multi media stream control

[MRU1] Is this an extension to MMCC?
Wipro: proposes a network capability that might have overlap with MMCC.
Note that document 336 addresses these questions.

Lucent: controlling the media streams is usually done by the content provider. Is this capability part of the operator regardless?
Wipro: content part of the service provider

Richard: could this be used to put advertisements in the stream?
Wipro: yes

Jane: why do we want this generic interference?
Uses case are found in document 336.

It is suggested that some generic uses, rationale and motivation are added to the document. It is also suggested that this requirement will eventually make it to 3GPP SA1.

Route translation lookup

[MRU1] what is a route?
A route is a unique stream identification which might be an address.
Note that document 336 addresses these questions.

We move to 336, where a figure explains this requirement.

Arrow 2 shows the API. Arrow 2 in the figure seems not within scope of Parlay.

Clarification is needed to show the API is in scope. It is also suggested that this requirement (if in scope) will eventually make it to 3GPP SA1.

Content management SCS

Discussion moves to 330

Extend mobility SCS to include Geo coding mapping

Discussion moves to 335

Archive contains two files: "Telenity Mobility SCS Text.doc" [1] and "Telenity Mobility Contribution X.doc" [2].
[1] is presented and contains text proposed to become part of this section. [2] is a Parlay X document that was not dealt with in Parlay X and is a example concepts described in [1].
Lucent: this is information held by an ISP, not in Parlay scope.
IBM: storage of map data can be an operator functions
Michel: doesn't think this is an operator functions and, personally, fears that no support can be found in 3GPP SA1.
Telenity: identifies a market in areas where there are not a lot of maps available.

Lucent: agrees with the value of the API. But questions whether a Parlay GW provider should map to different map provider interfaces.

Joe: mentions LIF in OMA and would like to see a comparison of OMA LIF and this requirement. This would be valuable given the current OMA – 3GPP agreement

1) consider OMA LIF requirements
2) consider Parlay X requirements
3) refine contribution

DRM and Lifecycle management

Removed, in overlap with OMA

Media control at a high level

Removed, due to lack of input

SCS for SIP

Discussion moves to 328

Removed, due to lack of requirement

Single Sign-on for multiple services

Removed, due to lack of input

Service Brokering

BT, Orange, E-Plus support the requirement

Authentication API

Discussion moves to 328

Removed, its corresponding R6 requirement was also removed due to lack of input for two releases

Profile API

Discussion moves to 328

Removed, its corresponding R6 requirement may likely be removed due to lack of input for two releases

Richard: discussion on other areas of involvement will be continued on an e-mail exploder

noted

N5-040328.zip Parlay 6.0 Requirements capture
BT Exact

This document requests a study to IMS to OSA mapping.

Chelo: welcomes study. Requirements needs to be submitted as a result of the study.
FTW would like to contribute to the study.
John-Luc: notes that registration control is part of the Parlay Mobility SCFs
Lucent: notes that registration control is not supported through IMS

Richard: SIP SCS is a misnomer. The study might result in enhancements or new capabilitries with IMS as a protocol underneath

Remaining content not discussed

Discussion moves back to 247

Seems strongly related to SSO requirement.

There was a requirement for this in OSA R6, but it was related as there were no contributions for two releases.

Remaining content not discussed

Discussion moves back to 247

Reminder of document content is presented

Discussion moves back to 247

Noted

N5-040336.zip Comments on Parlay 6 requirements
WIPRO

Noted

N5-040330.zip Content Management SCS
Telenity

Document includes two embedded, dynamic presentations.
Slide one shows content provisioning
Slide two shows content screening

Is related to "**Document Update and Retrieval requirement**".
Ultan questions the apparent overlap with storeMessage functionality in UI, which is available in Parlay 5.
This document contains perhaps two separate requirements: one to store content and one that deals with screening. It is suggested to split up the requirement.

Cingular: Supports content provisioning part of the original requirement. Questions the value of standardizing the content screening.
Ultan: Parlay 5 does content provisioning. A part of the requirement seems already covered.
Telenity: the objective is not to create a new SCF at all costs; improving UI to meet the requirement is also acceptable.

1) Look at GUI
2) Look at "**Document Update and Retrieval requirement**"
3) Split it up
4) It is also suggested that this requirement will eventually make it to 3GPP SA1

Noted

N5-040335.zip Mobility Management SCS
Telenity

Noted

9.2   OSA support for 3GPP2 networks
9.3   Different abstraction levels for OSA
9.4   Presence and Availability Management
9.5   Call Control
9.6   Framework
9.7   User data Management and User data security management
9.8   User-application authentication function
9.9   Other APIs

N5-040220.zip Rel-6 CR 29.198 Add OTA in OSA API
Yunyong ZHANG (zhangyy@chinaunicom.com.cn)

Presented by Ultan.

Summary of contribution:

Proposes to add OTA method support on the OSA specs. OTA is over-the-air update of SIM card contents.

Discussion:

Michel: what is the OTA requirement mentioned in the contribution? Is there an OTA requirement we should be aware of – even if there is no OSA OTA requirement there could be a global Ota requirement that we should satisfy too. What is an OTA Gateway?
Erwin: OTA GW products exist but he hasn't seen it as part of the architecture of any standard.
Ulltan: we don't have an OSA OTA requirement.
Chelo: we could provide ChinaUnicom with the feedback to tell us if there is a global OTA requirement in any of our parent organizations.

Ultan: would an operator want to give 3rd party to these data?
Michel: could be for trusted applications – applications in the operator's domain.

Ultan: once we have a requirement, more detail is needed: is it a new SCF? Need for a class diagram, more detailed description of method.

Ultan: couldn't this be done by correctly formatting an SMS and using standard OSA functionality to do this?

Erwin: a picture with the desired architecture would help understanding what is requested.

Feedback to ChinaUnicom: at the moment (for Rel6) we don't have a requirement to support this. Need to check if there is a requirement to support OTA in any of our parent organizations. In this case this needs to be translated into an OSA requirement. We believe this, if approved, would be Rel7 functionality. Also need to study if this can be done with existing OSA functionality.

Not approved.

N5-040221.zip Rel-6 CR 29.998 Mapping from OSA OTA to CAMEL
Yunyong ZHANG (zhangyy@chinaunicom.com.cn)

See 220.

Not approved.

N5-040223.zip Rel-6 CR 29.998 Mapping from OSA OTA to ANSI-41 MAP
Yunyong ZHANG (zhangyy@chinaunicom.com.cn)

See 220.

Not approved.

N5-040224.zip Rel-6 CR 29.198-12 Add parameter in OSA Charging Specification
Yunyong ZHANG (zhangyy@chinaunicom.com.cn)

Presented by Ultan.

Summary of contribution:

Proposal to extend TpChargingParameterID in Part 12.

Discussion:

Feedback to ChinaUnicom:
  - Suggestion that it would be better if the descriptions were longer.
  - There seems to be a misunderstanding on how to use this type – when a session is started there is a description of the kind of charging, because it could be anything and not just call related. Adding these parameters would reduce this API to call based charging, while we wanted this API to be very generic.

Not approved.

0283 CR Rel-6 29.198-01 remove new stereotypes
ETSI PTCC

Summary

Remove the <<new>> stereotype from the Javadoc documentation of methods which were first introduced in Release 5, and not in Release 6 specifications.

This change allows for a ZIP containing the JavaDoc.

It is suggested to update the reason of change.

Not approved.

0284 CR Rel-6 29.198-03 remove new stereotypes
ETSI PTCC

Summary

Remove the <<new>> stereotype from the documentation of methods which were newly introduced prior to the creation of the Rel-6 specifications, i.e. from methods in the Rel-6 specifications which were newly introduced into Rel-5 at or before the March 2003 plenary.

Ultan: the criterium is to remove sterotype <<new>> from all methods introduced up to Parlay 4.1.
Ultan: there is always the table at the end of the document which will document what has been modified when.

Approved

0285 CR Rel-6 29.198-04-3 remove new stereotypes
ETSI PTCC

See 284

Approved

0286 CR Rel-6 29.198-05 remove new stereotypes
ETSI PTCC

See 284

Approved

0287 CR Rel-6 29.198-07 remove new stereotypes
ETSI PTCC

See 284

Approved

0288 CR Rel-6 29.198-08 remove new stereotypes
ETSI PTCC

See 284

Approved

0289 CR Rel-6 29.198-11 remove new stereotypes
ETSI PTCC

See 284

Approved

> 0290 CR Rel-6 29.198-12 remove new stereotypes
> ETSI PTCC

See 284

Approved

> 0273 J2EE Java source versus part one
> Telcordia

C.3.6.7 This is on purpose. As JDK 1.4 includes Throwable as one of the constructor arguments
C.3.6.7.5 This rule may need Updating
C.3.6.5 neccisty for readResolve() needs to be clarified
C.5.2.1 needs to be applied
Remove serialVersionUID to be continued

Action Item: Joe & Eamonn to come with comments by end of the week

Noted

> 0343 J2EE Java source versus part one (#2)
> Telcordia

Inconsistency agreed, contribution in the form of CR is requested.

Noted

> 0322 Overview of HA changes
> AePONA

Brief overview of document
AePONA have submitted a number of release 6 CRs to this meeting suggesting modifications to the framework and a sample service (GCCS in this case) that may be required to support the stage 1 requirement for high availability.

This document provides a brief summary of the solution being proposed in order to provide a context for review and understanding of the submissions.

Cingular: is HA functionality offered to application?
Aepona: there are already futures in the API that manage call backs references and these can be used for HA.
Cingular: suggest that HA functionality should not be made available to applications. They cite experience that when applications go down, there are grave consequences.
Aepona: this diagram represents functionality that is logically available as opposed to physical. There are functions available that allow managing of call backs. The functions enhance the resilience of the API. These functions can be used to offer HA.
Cingular: these functions cause increased load on the Gateway? The load increase is caused by applications.
IBM: separates the functionality available over the wire (from the GW) from the functionality offered within the Application Server.
Lucent: can this functionality be used to pass a reference to a second application?
Aepona: there are no mechanisms to prevent such

Aepona: would like to see the functionalit optional such that middleware solutions can be used. The optional functionality would have one FW instance that coordinates with multiple SCSes, each communicating with an application master and application slave.
France Telecom: two applications, one master and other slave, are identified as such as they have the same domain ID
Lucent: mentions that even optional functionality has the consequence of becoming a de fact standard. Would like to see session state and recovery addressed in call control.
Aepona: if the market drives demand for an API based HA solution then so be it. Notes that the functionality is available and notes that they are being used for HA. However, the functionality is not sufficient for HA. By completing this functionality Aepona will take away the need for proprietary solutions.
Lucent: would like to see a list of issues

Noted

<div style="background:navy; color:white">

0323 Rel 6 CR 29.198-03 Framework App HA initialisation and recovery
AePONA

</div>

Overview

Current application high availability that employs features of the OSA API is ambiguous and incomplete. Corrections and modifications are required to the Framework API in order to provide a complete specification that will support this feature in an unambigous and consistent fashion. These changes are submitted to fulfill the Release 6 stage 1 requirement for high availability for OSA.

List of issues
- Clarify the setCall[BackSessionId]() methods (change no.1)
  - Agreement with possible change no.1

Possible change no.2
- Lucent: managing multiple client application instances should be in the domain of the client application rather then visible over the API
- Aepona: agrees but notes that the FW already provides Integrity Management. This shows that exposing such functionality over the API is not a new pattern in the FW
- France Telecom: application with the same DomainID; is that a problem elsewhere in the APIs.
- Aepona: these CR clarify or address any such problems; other side effects may also exist and should be addressed as part of the detailed technical review
- Alcatel: remove fragment "not to support resilience or recovery"

Possible change no.3

Possible change no.4

Alcatel: how is optionality of API-based HA reflected in the documentation?
Aepona: there should be an architecture split according to the integrity management approach

Suggestion is to proceed with class diagram presentation.

initiateAuthenicationInstance is proposed to be added to IpInitial. This method is to be invoked if there are multiple instances per of a single client. The framework identifies the application instance as TpDomainID + TpInstanceID. The TpInstanceID instance is also used when recovering.

Lucent: how do you which calls are in progress and what there state is
IBM: this presentation deals with the Framework and not with the services such as call control.
Aepona: conflicts to be identified and addressed through appropriate clarifying text. Further clarification is required with respect to Session Recovery.
Lucent: Fears that addressing HA this way will further complicate the API; fears that the changes will have extensive impact. We might end up specifying a lot of underlying semantics.
Aepona: encourages further detailed technical review. Agrees that the API should become clear with respect to HA.

Lucent: is this one of the optional methods? And how is this optional?
Aepona: yes. This method can not be made optional through Service Properties. Use ETSI PICS instead.
Lucent: wouldn't client applications only use this method and hence wouldn't initiateAuthenication be superfluous?

Lucent: how to recover service sessions when access sessions break
IBM: suggest there are two use cases: re-establishing the access session and re-establishing the service session context.
Aepona: leave it to the application

The rest of the changes clarify semantics behaviour. Suggest continuing discussion of these document on the exploder

Noted

<div style="background:navy; color:white">

0324 Rel 6 CR 29.198-04-2 GCC HA Initialisation Modifications
AePONA

</div>

Motivation:

Current application high availability that employs features of the OSA service APIs is ambiguous and incomplete. Corrections and modifications are required to the Service APIs in order to provide a complete specification that will support this feature in an unambigous and consistent fashion. These changes are submitted to fulfill the Release 6 stage 1 requirement for high availability for OSA.

Lucent: how does an application deal with multiple point of entry of notifications?
Aepona: The service needs to deal with multiple points of control. This is an implementation detail.
Ericsson: suppose there are multiple instances, there will be multiple SCSs. Which SCS will send the notification? In case of a non-interrupt mode perhaps all SCSes want to deliver the notification.
Aepona: there is a monitoring mode notification issue

Noted

0325 Rel 6 CR 29.198-04-1 Common CC HA Modifications
AePONA

Summary:

Clarify the defintion of the setCallBack methods on the IpService interface to highlight that these methods support the establishement of a single call back reference only.

Noted

0326 Rel 6 CR 29.198-04-2 GCC HA notification refresh and multiple call abort
AePONA

Summary:

Introduce a new method that allows applications to refresh existing callback references in the event that an application has failed and subsequently recovered.

Introduce a new method that allows the failure and recovery of a service to result in a method to be invoked on the application indicating the list of call sessions that have been lost as a result of this failure.

The first of the changes may not be required and Aepona is open for discussion

It is suggested to continue the discussion over e-mail based on the contributions 323-326
A general call for feedback within two weeks time and another two weeks for additionall comments.
It is suggested to have conference call in order to progress before the next meeting for mid June
An interim meeting is suggested.

Noted

10 OSA Testing Activities

0317 Report from ETSI STF 251
ETSI PTCC

Summary of contribution:

Report Output of the STF is in TDocs 293-316, presented for information only in order to solicit comments from the JWG. They intended to present the testing specs for approval to the JWG in August, but since we have not made any decisions on spec closing dates then they will be delayed, possibly for email approval shortly afterwards, because they intend to be in line with the latest version of the specs.

For Parlay 3, this meetings all parts are contributed, and they are considered stable drafts. Requests in particular feedback on what is mandatory/not mandatory for Policy Management and PAM.

For Parlay 4, work on parts 3, 4, 13 and 14 are still ongoing. Drafts of them will be available around the end of June.

Dietmar: are all methods checked, or just a subset? Are detection points checked?

Ultan: they tried to go through every single method at least once. Detection points are not checked.
Dietmar: believes this is a good basis, and operators can do the additional work on top of it.

Jacques: are there only the SCFs included in this work, or the Framework too?
Ultan: the Framework, the SCFs and to some extent the Application.

Noted.

0293 Draft TISPAN-06002v004 Parlay 4 ICS
ETSI PTCC

Noted.

0294 Draft TISPAN-06003v003 Parlay 3 ICS
ETSI PTCC

Noted.

0295 Draft TISPAN-06004-01v001 Parlay 4 TSS&TP
ETSI PTCC

Noted.

0296 Draft TISPAN-06004-02v001 Parlay 4 TSS&TP
ETSI PTCC

Noted.

0297 Draft TISPAN-06004-05v001 Parlay 4 UI TSS&TP
ETSI PTCC

Noted.

0298 Draft TISPAN-06004-06v001 Parlay 4 MM TSS&TP
ETSI PTCC

Noted.

0299 Draft TISPAN-06004-07v001 Parlay 4 TC TSS&TP
ETSI PTCC

Noted.

0300 Draft TISPAN-06004-08v001 Parlay 4 DSC TSS&TP
ETSI PTCC

Noted.

0301 Draft TISPAN-06004-09v001 Parlay 4 GMS TSS&TP
ETSI PTCC

Noted.

0302 Draft TISPAN-06004-10v001 Parlay 4 CM TSS&TP
ETSI PTCC

Noted.

0303 Draft TISPAN-06004-11v001 Parlay 4 AM TSS&TP
ETSI PTCC

Noted.

0304 Draft TISPAN-06004-12v001 Parlay 4 CS TSS&TP
ETSI PTCC

Noted.

0305 Draft TISPAN-06005-01v001 Parlay 3 TSS&TP
ETSI PTCC

Noted.

0306 Draft TISPAN-06005-02v001 Parlay 3 TSS&TP
ETSI PTCC

Noted.

0307 Draft TISPAN-06005-03v001 Parlay 3 FW TSS&TP
ETSI PTCC

Noted.

0308 Draft TISPAN-06005-04v001 Parlay 3 CC TSS&TP
ETSI PTCC

Noted.

0309 Draft TISPAN-06005-05v001 Parlay 3 UI TSS&TP
ETSI PTCC

Noted.

0310 Draft TISPAN-06005-06v003 Parlay 3 MM TSS&TP
ETSI PTCC

Noted.

0311 Draft TISPAN-06005-07v003 Parlay 3 TC TSS&TP
ETSI PTCC

Noted.

0312 Draft TISPAN-06005-08v004 Parlay 3 DSC TSS&TP
ETSI PTCC

Noted.

0313 Draft TISPAN-06005-09v001 Parlay 3 GMS TSS&TP
ETSI PTCC

Noted.

0314 Draft TISPAN-06005-10v001 Parlay 3 CM TSS&TP
ETSI PTCC

Noted.

0315 Draft TISPAN-06005-11v003 Parlay 3 AM TSS&TP
ETSI PTCC

Noted.

0316 Draft TISPAN-06005-12v003 Parlay 3 CS TSS&TP
ETSI PTCC

Noted.

11 Organisational aspects with relation to Joint activities

11.1 Delivery plans for OSA Rel6 and Parlay 5

We have release 4, 5 and 6 CRs. All parts are available in Release 6.

All change request to be brought to the plenary.
In September we bring all CRs created after the June plenary.

11.2 CR delivery plans for next CN plenaries

N5-040215.zip List of 26 CRs agreed at CN5#26 Atlanta 02/2004 (but NOT submitted to CN#23 03/2004 for Approval) - the result of email approvals is NOT included
MCC

noted

11.3 Review of 3GPP OSA workplan

0214 3GPP Rel-6 Work Plan filtered on OSA issues (for CN5 update)
MCC

Propose to change all dates to September that are not finished
Presence TR should not change, December is still appropriate
15037: remains 0%. Sandford Bessler from FTW expressed an interest might be a candidate for editor.
15026: goes to 60%

There is still *User Application Authentication* in SA1 for OSA.

Action Item: Chelo to follow up and figure out why this requirement is not in our workplan and whether it has not been completely removed.

Noted.

11.4 3GPP OSA Work Item Description

N5-040225.zip CN#23 Approved Rel-6 Work Item Description for OSA Stage 3
NP-040144

Column "approved at plenary" should be updated with correct dates. I.e. it says that User Profile was brought to plenary.

Action Item: Adrian to update

Noted

N5-040243.zip New Work Item Description form - v1.5.0 for TSG consideration
MCC

Noted

11.5 Agreement of revised JWG ToR

12 Outgoing Liaisons

> **N5-040357.zip LS on update if OSA stage, containing CR to 23.127**
> **CN5**

CN5 would like to use the OSA stage 2 document in communication with the OMA about Web Services. The purpose of this LS is to make the OSA stage 2 usable for LS with OMA.

The document is presented in a draft form and is edited online.

Agreed

13 Future meetings

Need a conference call in two weeks for Messaging

> **N5-040216.zip Full 3GPP meeting calendar including workshops**
> **MCC**

Action Item: Chelo to request 2005 Parlay meeting dates

Suggested to take in to account Parlay, 3GPP plenaries, OMA meeting dates.

Action Item: Chelo to start discussion on meeting dates in 2005 and provide a response to Stephan Hayes and David B.

Messaging conference call

Thursday May 27, 2004
Action Item: John-Luc to start e-mail discussion in early US morning and reserve bridge with Adrian (7CDT)

HA conference call

Thursday June 10, 2004
Action Item: John-Luc to start e-mail discussion in early US morning and reserve bridge with Adrian (7CDT)

A Web Services meeting without decision power may be scheduled later. A proposal will be made two weeks from now.

14 AOB

Erwin is the editor of 29.199. Erwin will check if he can commit to this responsibility.
John-Luc is found to be the editor ETSI Parlay X. John-Luc will check if he can commit to this responsibility.
3GPP Editorship requires familiarity with the templates and do the editorial tasks.
ETSI Editorship requires familiarity with the templates, do the editorial tasks and do the implementation of CRs.
Joe volunteers to perform the 29.199 and ETSI editorship until September.
MCC will do the implementation of 3GGP CRs.

> **N5-040219.zip Backwards Compatibility in OSA/Parlay, Option 3**
> **Ultan Mulligan, ETSI PTCC**

Proposal was to remove <<deprecated>> methods, datatypes and <<new>> stereotypes from spec X that were deprecated in spec X-2. Removal (even of stereotypes) will be done through CRs. No name reuse, no deletion as minor releases.
Exceptions: e.g. old authentication methods might not be removed.

Consequence: each new release will not be backwards compatible.

Lucent: prefers to remove methods per release. This is based on the amount of testing that would be involved.
Ultan: if accepted this may need CRs now as there are deprecated methods in the previous release.

How do we deal with the preference of the BoD?
It is suggested to relay Lucent's concerns to the BoD.
Jane: no strong views, but prefers to delete never.

Wait for the input of the BoD and decide on e-mail.

The proposal in this document is to gradually remove methods

We bring it to the BoD and request a response from the next BoD conference call.
After the BoD's input, Chelo will start an action item to reach a conclusion in two weeks from now.

Action Item: Eamonn to bring this proposal to the BoD tonight and request a response at the next conference call
Action Item: Chelo to start e-mail discussion after receiving a response from the BoD

Lucent: will this policy be included in the specification.
Contributions are invited

Lucent: method names will not be reused in the in the interface it was deleted from.

Lucent: clarification for exceptional criteria, i.e. not remove ETSI PICS mandatory methods. In general, each CR needs to be looked at from the point of view of preserving backwards compatibility.

Lucent: if deprecated methods come in groups, it is suggested to deprecate them together in order to keep the specification consistent.

Noted

0282 VeUML Profile for Telecommunication Platforms, Protocols and Services StateSoft

Postponed

1   Close

Annex A: Agenda

1   Opening of the meeting and approval of the agenda (Monday 9:00 AM)

1.1   Reminder for IPR declaration

The chairman made the following call for IPRs, and asked ETSI members to check the latest version of ETSI's policy available on the web server:

The attention of the members of this Technical Specification 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:

a)   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.

b)   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/).

2   Allocation of documents to agenda items

3   Reporting

3.1   JWG meeting, Atlanta

3.2   3GPP

3.2.1   CN plenary
3.2.2   SA plenary
3.2.3   SA1 activities on OSA Requirements
3.2.4   SA1 and T2 activities on MMS
3.2.5   SA1, SA2 activities on GUP
3.2.6   CN1 activities on Access Independence
3.2.7   CN1 activities on Presence
3.2.8   3GPP OMA discussions

3.3   Parlay

3.3.1   Parlay Board
3.3.2   Parlay TAC

3.4   ETSI

3.5   3GPP2

3.6   Work between meetings

This agenda item aims to review the ToDo list from the previous meeting, plus reporting on any other between-meetings activity, if applicable.

3.7   Other reporting

4   Input liaison statements

5   Technical discussions OSA version 1 / 3GPP Rel.4

Only essential error corrections can be taken into account. Essential means that without the intended error correction the current spec can not be implemented (SCS and/or application side).

Note that as Parlay 3.2 has been finalised, and backwards compatibility has to be guaranteed, the assumption is that for error corrections in the scope of Parlay 3 / 3GPP Rel.4 only work around and documentation of the errors is allowed.

6   Technical discussions OSA version 2 / 3GPP Rel.5

Only essential error corrections can be taken into account. Essential means that without the intended error correction the current spec can not be implemented (SCS and/or application side).

Note that as Parlay 4.0 has been finalised, and backwards compatibility has to be guaranteed, the assumption is that for error corrections in the scope of Parlay 4 / 3GPP Rel.5 only work around and documentation of the errors is allowed.

7   Parlay X Web Services and WSDL Realization session
7.1   Parlay X/JWG 299.99 document structure
7.2   Parlay X/Parlay Web Services/JWG joint harmonization session

8   Messaging session

9   Other technical discussions OSA version 3 / 3GPP Rel.6
9.1   Requirements

9.2   OSA support for 3GPP2 networks
9.3   Different abstraction levels for OSA
9.4   Presence and Availability Management
9.5   Call Control
9.6   Framework
9.7   User data Management and User data security management
9.8   User-application authentication function
9.9   Other APIs

10   OSA Testing Activities

11   Organisational aspects with relation to Joint activities
11.1   Delivery plans for OSA Rel6 and Parlay 5
11.2   CR delivery plans for next CN plenaries
11.3   Review of 3GPP OSA workplan
11.4   3GPP OSA Work Item Description
11.5   Agreement of revised JWG ToR

12   Outgoing Liaisons

13   Future meetings

14   AOB

15   Close

Annex B: Documents list

	Document not available				
	Document available, not yet treated				
	Document available late, not yet treated				
	Document treated				
	Document replaced / superseded by a Revised Version				

Doc	Title	Source	Allocations	Type	Go to CN#24	Abstract
N5-040200	Invitation to CN#27 Miami meeting	Host/Parlay	1 Agenda	Agenda	n/a	Noted
N5-040201	Draft Agenda	JWG Chair	1 Agenda	Agenda	n/a	Approved
N5-040202	Document Allocation	JWG Chair	2 Tdoc allocation	Tdoc	n/a	Noted
N5-040203	report_Monday	JWG Chair	n/a	Report out	n/a	Noted
N5-040204	report_Tuesday	JWG Chair	n/a	Report out	n/a	Noted
N5-040205	report_Wednesday	JWG Chair	n/a	Report out	n/a	Noted
N5-040206	report_Thursday	JWG Chair	n/a	Report out	n/a	Noted
N5-040207	report_Friday	JWG Chair	n/a	Report out	n/a	Withdrawn
N5-040208	Draft Report of this CN5 meeting	JWG Chair	n/a	Report out	n/a	Noted
N5-040209	CN5 Report to the last CN plenary	MCC	3 Reporting	Report in	n/a	Noted
N5-040210	Report of last 3GPP CN meeting	MCC	3 Reporting	Report in	n/a	Noted
N5-040211	Report of last 3GPP SA meeting	MCC	3 Reporting	Report in	n/a	Noted
N5-040212	3GPP IETF Dependencies and Priorities (http://www.3gpp.org/TB/Other/IETF.htm)	MCC	3 Reporting	Report in	n/a	Noted
N5-040213	Overview of 3GPP Release 4 - Summary of all Release 4 Features	MCC	Rel-4	Tdoc	n/a	Noted. Action: provide feedback to MCC
N5-040214	3GPP Rel-6 Work Plan filtered on OSA issues (for CN5 update)	MCC	Rel-6	Tdoc	n/a	Updated.
N5-040215	List of 26 CRs agreed at CN5#26 Atlanta 02/2004 (but NOT submitted to CN#23 03/2004 for Approval) - the result of email approvals is NOT included	MCC	3 Reporting	Tdoc	n/a	Noted
N5-040216	Full 3GPP meeting calendar including workshops	MCC	13 Future meetings	Tdoc	n/a	Noted
N5-040217	LS from T2 on MMS transfer to OMA	T2-040137	4 Input LSs	LS in	n/a	MCC copied CN5. Noted
N5-040218	LS from T2 to CN4, SA2, SA5, CN5 cc TSG-T, TSG-CN on latest version of 23.241 (GUP) and proposed work assignments	T2-040100	4 Input LSs	LS in	n/a	Noted. No reply needed
N5-040219	Backwards Compatibility in OSA/Parlay, Option 3	ETSI PTCC	11 Organisational	Tdoc	n/a	Noted
N5-040220	Rel-6 CR 29.198 Add OTA in OSA API	China Unicom	Rel-6	CR	n/a	Not Approved
N5-040221	Rel-6 CR 29.998 Mapping from OSA OTA to CAMEL	China Unicom	Rel-6	CR	n/a	Not Approved
N5-040222	Rel-6 CR 29.199 Add OTA in OSA Web Service	China Unicom	Rel-6	CR	n/a	Not Approved
N5-040223	Rel-6 CR 29.998 Mapping from OSA OTA to ANSI-41 MAP	China Unicom	Rel-6	CR	n/a	Not Approved

N5-040224	Rel-6 CR 29.198-12 Add parameter in OSA Charging Specification	China Unicom	Rel-6	CR	n/a	Not Approved
N5-040225	CN#23 Approved Rel-6 Work Item Description for OSA Stage 3	NP-040144	Rel-6	WID	n/a	Noted
N5-040226	Rel 5 CR 29.198-01 Correct Java code	Aepona	Rel-5	CR	Yes (for Info)	CN#23bis emai approved 19 April 2004.
N5-040227	LS from OMA-MWG to 3GPP, 3GPP2 (cc: OMA-REQ) on Capturing network-independent MMS requirements in OMA	OMA-MWG-2004-0019 (Open Mobile Alliance - Messaging WG)	4 Input LSs	LS in	n/a	Noted. No reply needed
N5-040228	Rel 5 CR 29.198-02 Correct Java code	Aepona	Rel-5	CR	Yes (for Info)	CN#23bis emai approved 19 April 2004.
N5-040229	Rel 5 CR 29.198-03 Correct Java code	Aepona	Rel-5	CR	Yes (for Info)	CN#23bis emai approved 19 April 2004.
N5-040230	Rel 5 CR 29.198-04-1 Correct Java code	Aepona	Rel-5	CR	Yes (for Info)	CN#23bis emai approved 19 April 2004.
N5-040231	Rel 5 CR 29.198-04-2 Correct Java code	Aepona	Rel-5	CR	Yes (for Info)	CN#23bis emai approved 19 April 2004.
N5-040232	Rel 5 CR 29.198-04-3 Correct Java code	Aepona	Rel-5	CR	Yes (for Info)	CN#23bis emai approved 19 April 2004.
N5-040233	Rel 5 CR 29.198-04-4 Correct Java code	Aepona	Rel-5	CR	Yes (for Info)	CN#23bis emai approved 19 April 2004.
N5-040234	Rel 5 CR 29.198-05 Correct Java code	Aepona	Rel-5	CR	Yes (for Info)	CN#23bis emai approved 19 April 2004.
N5-040235	Rel 5 CR 29.198-06 Correct Java code	Aepona	Rel-5	CR	Yes (for Info)	CN#23bis emai approved 19 April 2004.
N5-040236	Rel 5 CR 29.198-07 Correct Java code	Aepona	Rel-5	CR	Yes (for Info)	CN#23bis emai approved 19 April 2004.
N5-040237	Rel 5 CR 29.198-08 Correct Java code	Aepona	Rel-5	CR	Yes (for Info)	CN#23bis emai approved 19 April 2004.
N5-040238	Rel 5 CR 29.198-11 Correct Java code	Aepona	Rel-5	CR	Yes (for Info)	CN#23bis emai approved 19 April 2004.
N5-040239	Rel 5 CR 29.198-12 Correct Java code	Aepona	Rel-5	CR	Yes (for Info)	CN#23bis emai approved 19 April 2004.
N5-040240	Rel 5 CR 29.198-13 Correct Java code	Aepona	Rel-5	CR	Yes (for Info)	CN#23bis emai approved 19 April 2004.
N5-040241	Rel 5 CR 29.198-14 Correct Java code	Aepona	Rel-5	CR	Yes (for Info)	CN#23bis emai approved 19 April 2004.
N5-040242	Correct Description of AvailStatusReason	Lucent	Rel-5	CR	n/a	Updated to N5-040349 (Rel-6 in N5-040350)
N5-040243	New Work Item Description form - v1.5.0 for TSG consideration	MCC	11 Organisational	Tdoc	n/a	Noted
N5-040244	Web Services Harmonization	IBM	2 Tdoc allocation	Tdoc	n/a	Noted
N5-040245	N5-040007r2 Draft_v200_Report_CN5_26	JWG Chair Team	3 Reporting	Report in	n/a	Approved
N5-040246	ETSI_Parlay 5_Requirements_v0.9	BT Exact	Rel-6	TS	n/a	Noted
N5-040247	ETSI_Parlay_ Requirement6_draft0.2	BT Exact	2 Tdoc allocation	Tdoc	n/a	Noted
N5-040248	Web Services Top Down View	IBM	2 Tdoc allocation	Tdoc	n/a	Noted
N5-040249	CR 29.198-03 Rel-4 Correct Address Range service property type	ETSI PTCC	Rel-4	CR	Yes	Agreed
N5-040250	CR 29.198-03 Rel-5 CatA Correct Address Range service property type	ETSI PTCC	Rel-4	CR	Yes	Agreed
N5-040251	CR 29.198-03 Rel-6 CatA Correct Address Range service property type	ETSI PTCC	Rel-4	CR	Yes	Agreed
N5-040252	CR 29.198-04 Rel-4 correct P_TRIGGERING_ADDRESSES service property	ETSI PTCC	Rel-4	CR	Yes	Agreed
N5-040253	CR 29.198-04-2 Rel-5 CatA correct P_TRIGGERING_ADDRESSES service property	ETSI PTCC	Rel-4	CR	Yes	Agreed

N5-040254	CR 29.198-04-2 Rel-6 CatA correct P_TRIGGERING_ADDRESSES service property	ETSI PTCC	Rel-4	CR	**Yes**	Agreed
N5-040255	CR 29.198-04-3 Rel-5 CatA correct P_TRIGGERING_ADDRESSES service property	ETSI PTCC	Rel-4	CR	**Yes**	Agreed
N5-040256	CR 29.198-04-3 Rel-6 CatA correct P_TRIGGERING_ADDRESSES service property	ETSI PTCC	Rel-4	CR	**Yes**	Agreed
N5-040257	CR 29.198-05 Rel-4 correct P_TRIGGERING_ADDRESSES service property	ETSI PTCC	Rel-4	CR	**Yes**	Agreed
N5-040258	CR 29.198-05 Rel-5 CatA correct P_TRIGGERING_ADDRESSES service property	ETSI PTCC	Rel-4	CR	**Yes**	Agreed
N5-040259	CR 29.198-05 Rel-6 CatA correct P_TRIGGERING_ADDRESSES service property	ETSI PTCC	Rel-4	CR	**Yes**	Agreed
N5-040260	CR 29.198-08 Rel-4 correct P_TRIGGERING_ADDRESSES service property	ETSI PTCC	Rel-4	CR	**Yes**	Agreed
N5-040261	CR 29.198-08 Rel-5 CatA correct P_TRIGGERING_ADDRESSES service property	ETSI PTCC	Rel-4	CR	**Yes**	Agreed
N5-040262	CR 29.198-08 Rel-6 CatA correct P_TRIGGERING_ADDRESSES service property	ETSI PTCC	Rel-4	CR	**Yes**	Agreed
N5-040263	CR 29.198-11 Rel-4 correct P_TRIGGERING_ADDRESSES service property	ETSI PTCC	Rel-4	CR	**Yes**	Agreed
N5-040264	CR 29.198-11 Rel-5 CatA correct P_TRIGGERING_ADDRESSES service property	ETSI PTCC	Rel-4	CR	**Yes**	Agreed
N5-040265	CR 29.198-11 Rel-6 CatA correct P_TRIGGERING_ADDRESSES service property	ETSI PTCC	Rel-4	CR	**Yes**	Agreed
N5-040266	Parlay 3 call backs text clarifications for GCCS and MPCCS	appium	Rel-4	Tdoc	n/a	Updated to N5-040338.
N5-040267	Withdrawn	appium	n/a	n/a	n/a	Withdrawn
N5-040268	Withdrawn	appium	n/a	n/a	n/a	Withdrawn
N5-040269	Parlay 4 call backs text clarifications for GCCS	appium	Rel-5	Tdoc	n/a	Updated to N5-040339.
N5-040270	Parlay 4 call backs text clarifications for MPCCS	appium	Rel-5	Tdoc	n/a	Updated to N5-040340.
N5-040271	Parlay 5 call backs text clarifications for GCCS	appium	Rel-6	Tdoc	n/a	Updated to N5-040341.
N5-040272	Parlay 5 call backs text clarifications for MPCCS	appium	Rel-6	Tdoc	n/a	Updated to N5-040342.
N5-040273	J2EE Java source versus part one	Telcordia	Rel-5	Tdoc	n/a	Noted
N5-040274	Tool support to enforce deprecation	Telcordia	Rel-5	Tdoc	n/a	Noted
N5-040275	Correct Java Rulebook to conform to Java accepted standards	Telcordia	Rel-5	CR	n/a	Updated in N5-040345, 346
N5-040276	Correct Java Rulebook to conform to produced Java J2EE source	Telcordia	Rel-5	CR	n/a	Not Agreed
N5-040277	Introduction to 3GPP Rel-6 / Parlay Proposed API for new Messaging SCF	Lucent	8 Messaging	Tdoc	n/a	Noted
N5-040278	Proposed 3GPP Rel-6 / Parlay API for new Messaging SCF	Lucent	8 Messaging	Tdoc	n/a	Noted
N5-040279	Rel-5 CR 29.198-03 Clarify usage of selectSigningAlgorithm	Lucent	Rel-5	CR	n/a	Updated to N5-040351
N5-040280	Rel-5 CR 29.198-03 Clarify usage of CHAP within authentication	Lucent	Rel-5	CR	n/a	Updated to N5-040353
N5-040281	Rel-5 CR 29.198-03 Correct TpSignatureAndServiceMgr to align with description in signServiceAgreement	Lucent	Rel-5	CR	n/a	N5-040355
N5-040282	VeUML Profile for Telecommunication Platforms, Protocols and Services	StateSoft	14 AOB	Tdoc	n/a	Postponed
N5-040283	Rel-6 CR 29.198-01 Correct Javadoc and references to Javadoc to remove the <<new>> stereotype from methods which are no longer new	ETSI PTCC	Rel-6	CR	n/a	Not Agreed.
N5-040284	Rel-6 CR 29.198-3 Remove the <<new>> stereotype from methods which are no longer new	ETSI PTCC	Rel-6	CR	**Yes**	Agreed
N5-040285	Rel-6 CR 29.198-4-3 Remove the <<new>> stereotype from methods which are no longer new	ETSI PTCC	Rel-6	CR	**Yes**	Agreed

N5-040286	Rel-6 CR 29.198-5 Remove the <<new>> stereotype from methods which are no longer new	ETSI PTCC	Rel-6	CR	Yes	Agreed
N5-040287	Rel-6 CR 29.198-7 Remove the <<new>> stereotype from methods which are no longer new	ETSI PTCC	Rel-6	CR	Yes	Agreed
N5-040288	Rel-6 CR 29.198-8 Remove the <<new>> stereotype from methods which are no longer new	ETSI PTCC	Rel-6	CR	Yes	Agreed
N5-040289	Rel-6 CR 29.198-11 Remove the <<new>> stereotype from methods which are no longer new	ETSI PTCC	Rel-6	CR	Yes	Agreed
N5-040290	Rel-6 CR 29.198-12 Remove the <<new>> stereotype from methods which are no longer new	ETSI PTCC	Rel-6	CR	Yes	Agreed
N5-040291	ParlayX Documentation Issues to Resolve	ETSI PTCC	7 Parlay X	Tdoc	n/a	Noted
N5-040292	Parlay X Web Services Specification_v1_0_2	Richard Stretch BT	Rel-6	TS	n/a	Updated to N5-040327
N5-040293	Draft TISPAN-06002v004 Parlay 4 ICS	ETSI STF 251	10 OSA: Testing	TS	n/a	Noted
N5-040294	Draft TISPAN-06003v003 Parlay 3 ICS	ETSI STF 251	10 OSA: Testing	TS	n/a	Noted
N5-040295	Draft TISPAN-06004-01v001 Parlay 4 TSS&TP	ETSI STF 251	10 OSA: Testing	TS	n/a	Noted
N5-040296	Draft TISPAN-06004-02v001 Parlay 4 TSS&TP	ETSI STF 251	10 OSA: Testing	TS	n/a	Noted
N5-040297	Draft TISPAN-06004-05v001 Parlay 4 UI TSS&TP	ETSI STF 251	10 OSA: Testing	TS	n/a	Noted
N5-040298	Draft TISPAN-06004-06v001 Parlay 4 MM TSS&TP	ETSI STF 251	10 OSA: Testing	TS	n/a	Noted
N5-040299	Draft TISPAN-06004-07v001 Parlay 4 TC TSS&TP	ETSI STF 251	10 OSA: Testing	TS	n/a	Noted
N5-040300	Draft TISPAN-06004-08v001 Parlay 4 DSC TSS&TP	ETSI STF 251	10 OSA: Testing	TS	n/a	Noted
N5-040301	Draft TISPAN-06004-09v001 Parlay 4 GMS TSS&TP	ETSI STF 251	10 OSA: Testing	TS	n/a	Noted
N5-040302	Draft TISPAN-06004-10v001 Parlay 4 CM TSS&TP	ETSI STF 251	10 OSA: Testing	TS	n/a	Noted
N5-040303	Draft TISPAN-06004-11v001 Parlay 4 AM TSS&TP	ETSI STF 251	10 OSA: Testing	TS	n/a	Noted
N5-040304	Draft TISPAN-06004-12v001 Parlay 4 CS TSS&TP	ETSI STF 251	10 OSA: Testing	TS	n/a	Noted
N5-040305	Draft TISPAN-06005-01v001 Parlay 3 TSS&TP	ETSI STF 251	10 OSA: Testing	TS	n/a	Noted
N5-040306	Draft TISPAN-06005-02v001 Parlay 3 TSS&TP	ETSI STF 251	10 OSA: Testing	TS	n/a	Noted
N5-040307	Draft TISPAN-06005-03v001 Parlay 3 FW TSS&TP	ETSI STF 251	10 OSA: Testing	TS	n/a	Noted
N5-040308	Draft TISPAN-06005-04v001 Parlay 3 CC TSS&TP	ETSI STF 251	10 OSA: Testing	TS	n/a	Noted
N5-040309	Draft TISPAN-06005-05v001 Parlay 3 UI TSS&TP	ETSI STF 251	10 OSA: Testing	TS	n/a	Noted

N5-040310	Draft TISPAN-06005-06v003 Parlay 3 MM TSS&TP	ETSI STF 251	10 OSA: Testing	TS	n/a	Noted
N5-040311	Draft TISPAN-06005-07v003 Parlay 3 TC TSS&TP	ETSI STF 251	10 OSA: Testing	TS	n/a	Noted
N5-040312	Draft TISPAN-06005-08v004 Parlay 3 DSC TSS&TP	ETSI STF 251	10 OSA: Testing	TS	n/a	Noted
N5-040313	Draft TISPAN-06005-09v001 Parlay 3 GMS TSS&TP	ETSI STF 251	10 OSA: Testing	TS	n/a	Noted
N5-040314	Draft TISPAN-06005-10v001 Parlay 3 CM TSS&TP	ETSI STF 251	10 OSA: Testing	TS	n/a	Noted
N5-040315	Draft TISPAN-06005-11v003 Parlay 3 AM TSS&TP	ETSI STF 251	10 OSA: Testing	TS	n/a	Noted
N5-040316	Draft TISPAN-06005-12v003 Parlay 3 CS TSS&TP	ETSI STF 251	10 OSA: Testing	TS	n/a	Noted
N5-040317	Report from ETSI STF 251	ETSI STF 251 Leader	10 OSA: Testing	Report in	n/a	Noted
N5-040318	Status of Presence Activities within CN1	Rapporteur (Jane Humphrey)	3 Reporting	Report in	n/a	Noted
N5-040319	NextStepsOMAOverlap	Alcatel	3 Reporting	Tdoc	n/a	Noted
N5-040320	ToDoListResults	CN5 Chair (Chelo Abarca)	3 Reporting	Tdoc	n/a	Noted
N5-040321	LS reply from SA2 to CN5 on Request for clarification on the scope of the Ut interface towards the OSA-SCS	S2-041670	4 Input LSs	LS in	n/a	Noted. No reply needed
N5-040322	Overview of HA changes	AePONA	Rel-6	Tdoc	n/a	Noted
N5-040323	Rel 6 CR 29.198-03 Framework App HA initialisation and recovery	AePONA	Rel-6	CR	n/a	Noted. Not agreed.
N5-040324	Rel 6 CR 29.198-04-2 GCC HA Initialisation Modifications	AePONA	Rel-6	CR	n/a	Noted. Not agreed.
N5-040325	Rel 6 CR 29.198-04-1 Common CC HA Modifications	AePONA	Rel-6	CR	n/a	Noted. Not agreed.
N5-040326	Rel 6 CR 29.198-04-2 GCC HA notification refresh and multiple call abort	AePONA	Rel-6	CR	n/a	Noted. Not agreed.
N5-040327	ParlayX_Web_Services_Specification_v1_0_2	BT	7 Parlay X	TS	n/a	Noted
N5-040328	Parlay 6.0 Requirements capture	BT	11 Organisational	Tdoc	n/a	Noted
N5-040329	Conference Call Notes	IBM	7 Parlay X	Tdoc	n/a	Noted
N5-040330	Content Management SCS (to be included in N5-040247 'ETSI_Parlay_ Requirement6_draft0.2')	Telenity (Parlay Affiliate Member)	2 Tdoc allocation	Tdoc	n/a	Noted
N5-040331	Withdrawn	n/a	n/a	n/a	n/a	Withdrawn
N5-040332	Comments and questions for N5-040277 and N5-040278	Ericsson	8 Messaging	Tdoc	n/a	Noted
N5-040333	Proposed stage 3 definition of Messaging SCF	Ericsson	8 Messaging	Tdoc	n/a	Noted
N5-040334	Registered participants lists (Word & Excel)	MCC	1 Agenda	Tdoc	n/a	Noted
N5-040335	Mobility Contribution for Release 6 Requirements	Telenity (Parlay Affiliate Member)	7 Parlay X	Tdoc	n/a	Noted
N5-040336	Comments on Parlay 6 Requirements	Wipro	9.1 Requirements	Tdoc	n/a	Noted

N5-040337	Parlay X web Services Document Structure	IBM	7 Parlay X	Tdoc	n/a	Noted
N5-040338	Parlay 3 call backs text clarifications for GCCS and MPCCS	appium	Rel-4	CR	Yes	Update from N5-040266. Agreed
N5-040339	Parlay 4 call backs text clarifications for GCCS	appium	Rel-4	CR	Yes	Update from N5-040269. Agreed
N5-040340	Parlay 4 call backs text clarifications for MPCCS	appium	Rel-4	CR	Yes	Update from N5-040270. Agreed
N5-040341	Parlay 5 call backs text clarifications for GCCS	appium	Rel-4	CR	Yes	Update from N5-040271. Agreed
N5-040342	Parlay 5 call backs text clarifications for MPCCS	appium	Rel-4	CR	Yes	Update from N5-040272. Agreed
N5-040343	J2EE Java source versus part one (#2)	Telcordia	Rel-5	Tdoc	n/a	Noted
N5-040344	Proposals to progress ParlayX 2.0 and Web Services of base APIs	ETSI PTCC	7 Parlay X	Tdoc	n/a	Noted
N5-040345	Rel- 5 CR 29.198-01 Correct Java Rulebook to conform to Java accepted standards	Telcordia	Rel-5	CR	Yes	Updated of N5-040275. Email approved 24 May.
N5-040346	Rel- 6 CR 29.198-01 Correct Java Rulebook to conform to Java accepted standards	Telcordia	Rel-5	CR	Yes	Rel-6 Mirror CR of N5-040275. Email approved 24 May.
N5-040347	Withdrawn	n/a	n/a	n/a	n/a	Withdrawn
N5-040348	Withdrawn	n/a	n/a	n/a	n/a	Withdrawn
N5-040349	Rel-5 CR Correct Description of AvailStatusReason	Lucent	Rel-5	CR	Yes	Update of N5-040242. Email approved 24 May.
N5-040350	Rel-6 CR Correct Description of AvailStatusReason	Lucent	Rel-5	CR	Yes	Rel-6 Mirror CR of N5-040349. Email approved 24 May.
N5-040351	Rel-5 CR 29.198-03 Clarify usage of selectSigningAlgorithm	Lucent	Rel-5	CR	Yes	Update of N5-040279. Email approved 24 May.
N5-040352	Rel-6 CR 29.198-03 Clarify usage of selectSigningAlgorithm	Lucent	Rel-5	CR	Yes	Rel-6 Mirror CR of N5-040352. Email approved 24 May.
N5-040353	Rel-5 CR 29.198-03 Clarify usage of CHAP within authentication	Lucent	Rel-5	CR	Yes	Update of N5-040280. Email approved 24 May.
N5-040354	Rel-6 CR 29.198-03 Clarify usage of CHAP within authentication	Lucent	Rel-5	CR	Yes	Rel-6 Mirror CR of N5-040353. Email approved 24 May.
N5-040355	Rel-5 CR 29.198-03 Correct TpSignatureAndServiceMgr to align with description in signServiceAgreement	Lucent	Rel-5	CR	Yes	Update of N5-040281. Email approved 24 May.
N5-040356	Rel-6 CR 29.198-03 Correct TpSignatureAndServiceMgr to align with description in signServiceAgreement	Lucent	Rel-5	CR	Yes	Rel-6 Mirror CR of N5-040355. Email approved 24 May.
N5-040357	LS to SA2 on Stage 2 specification - containing a CR to 23.127	CN5	Rel-6	LS_out	n/a	Email approved 14 May.
N5-040358	Rel-5 CR 29.198-01 Rev.1 Correct Java Rulebook	Telcordia	Rel-5	CR	Yes	Update of N5-040273. Email approved 24 May.
N5-040359	Rel-6 CR 29.198-01 Rev.1 Correct Java Rulebook	Telcordia	Rel-5	CR	Yes	Rel-6 Mirror CR of N5-040273. Email approved 24 May.
N5-040360	Rel-5 CR 29.198-02 Correct Java Rulebook	Telcordia	Rel-5	CR	Yes	Linked to update of N5-040273. Email approved 24 May.
N5-040361	Rel-5 CR 29.198-04-1 Correct Java Rulebook	Telcordia	Rel-5	CR	Yes	Linked to update of N5-040273. Email approved 24 May.
N5-040362	Rel-5 CR 29.198-04-4 Correct Java Rulebook	Telcordia	Rel-5	CR	Yes	Linked to update of N5-040273. Email approved 24 May.
N5-040363	Rel-5 CR 29.198-06 Correct Java Rulebook	Telcordia	Rel-5	CR	Yes	Linked to update of N5-040273. Email approved 24 May.
N5-040364	Rel-5 CR 29.198-07 Correct Java Rulebook	Telcordia	Rel-5	CR	Yes	Linked to update of N5-040273. Email approved 24 May.
N5-040365	Rel-6 CR 29.198-07 Correct Java Rulebook	Telcordia	Rel-5	CR	Yes	Linked to update of N5-040273. Email approved 24 May.
N5-040366	Rel-5 CR 29.198-12 Correct Java Rulebook	Telcordia	Rel-5	CR	Yes	Linked to update of N5-040273. Email approved 24 May.
N5-040367	Rel-6 CR 29.198-12 Correct Java Rulebook	Telcordia	Rel-5	CR	Yes	Linked to update of N5-040273. Email approved 24 May.
N5-040368	Rel-5 CR 29.198-13 Correct Java Rulebook	Telcordia	Rel-5	CR	Yes	Linked to update of N5-040273. Email approved 24 May.
N5-040369	Rel-5 CR 29.198-14 Correct Java Rulebook	Telcordia	Rel-5	CR	Yes	Linked to update of N5-040273. Email approved 24 May.

N5-040370	LS from OMA Presence and Availability Group (PAG) to 3GPP CN5, ETSI TISPAN, Parlay JWG on Request for information on Group Management work in Parlay	OMA-PAG-2004-0120	4 Input LSs	LS in	n/a	Noted. Action items assigned to follow up
N5-040371	Result of 29199 Parlay X split	Parlay (Julian Richards)	Rel-6	TS	Yes	Email approved 25 May.
N5-040372	Report of CN5#27 meeting, Miami, FL, USA, 10-14 May 2004	CN5	n/a	Report out	n/a	Approved at CN5#28, Piscataway, NJ, USA, Aug 2004

Annex B.1:   LS list

Doc	Title	Source	Allocations	Type	Go to CN#24	Abstract
N5-040217	LS from T2 on MMS transfer to OMA	T2-040137	4 Input LSs	LS in	n/a	MCC copied CN5. Noted
N5-040218	LS from T2 to CN4, SA2, SA5, CN5 cc TSG-T, TSG-CN on latest version of 23.241 (GUP) and proposed work assignments	T2-040100	4 Input LSs	LS in	n/a	Noted. No reply needed
N5-040227	LS from OMA-MWG to 3GPP, 3GPP2 (cc: OMA-REQ) on Capturing network-independent MMS requirements in OMA	OMA-MWG-2004-0019 (Open Mobile Alliance - Messaging WG)	4 Input LSs	LS in	n/a	Noted. No reply needed
N5-040321	LS reply from SA2 to CN5 on Request for clarification on the scope of the Ut interface towards the OSA-SCS	S2-041670	4 Input LSs	LS in	n/a	Noted. No reply needed
N5-040370	LS from OMA Presence and Availability Group (PAG) to 3GPP CN5, ETSI TISPAN, Parlay JWG on Request for information on Group Management work in Parlay	OMA-PAG-2004-0120	4 Input LSs	LS in	n/a	Noted. Action items assigned to follow up
N5-040357	LS to SA2 on Stage 2 specification - containing a CR to 23.127	CN5	Rel-6	LS_out	n/a	Email approved 14 May.

Annex B.2: CR list for CN Approval (sorted by CN5 Tdoc#)

Doc-1st-	Spec	CR	Re	Phase	Subject	Ca	Versio	Doc-2nd-	Workit
NP-040260	29.198-01	029	-	Rel-5	Correct Java Rulebook to support API design pattern introduced by PAM SCS	F	5.5.0	N5-040045	OSA2
NP-040271	29.198-11	024	-	Rel-6	Account Management missing needed features	B	6.0.1	N5-040054	OSA3
NP-040263	29.198-01	030	-	Rel-6	Correct Java Rulebook to introduce UI service naming rule	F	6.0.1	N5-040055	OSA3
NP-040261	29.198-03	103	-	Rel-5	Add ability to identify when a client app/service contract/service profile is being used - Align between ETSI/Parlay and 3GPP	F	5.6.0	N5-040056	OSA2
NP-040261	29.198-03	102	-	Rel-6	Add ability to identify when a client app/service contract/service profile is being used - Align between ETSI/Parlay and 3GPP	A	6.0.1	N5-040057	OSA2
NP-040253	29.198-03	105	-	Rel-5	Correct alignment between ETSI/Parlay version of OSA and the 3GPP OSA, by clarifying erroneous field in TpServiceProfileDescription	A	5.6.0	N5-040058	OSA1
NP-040253	29.198-03	106	-	Rel-6	Correct alignment between ETSI/Parlay version of OSA and the 3GPP OSA, by clarifying erroneous field in TpServiceProfileDescription	A	6.0.1	N5-040059	OSA1
NP-040261	29.198-03	108	-	Rel-5	Introduce a ServiceID field to TpServiceProfileDescription	F	5.6.0	N5-040060	OSA2
NP-040261	29.198-03	107	-	Rel-6	Introduce a ServiceID field to TpServiceProfileDescription	A	6.0.1	N5-040061	OSA2
NP-040265	29.198-03	104	-	Rel-6	Add events to allow an entop to identify when a client app/service contract/service profile is being used	F	6.0.1	N5-040062	OSA3
NP-040253	29.198-03	109	-	Rel-4	Correct alignment between ETSI/Parlay version of OSA and the 3GPP OSA, by clarifying erroneous field in TpServiceProfileDescription	F	4.8.0	N5-040066	OSA1
NP-040253	29.198-03	122	-	Rel-4	Correction of Digital Signature with NO signing algorithm	F	4.8.0	N5-040078	OSA1
NP-040266	29.198-04-1	010	-	Rel-6	Add missing Supervise Report value to support QoS parameter change reports	F	6.1.0	N5-040080	OSA3
NP-040264	29.198-02	044	-	Rel-6	Remove P_FIXED, TpFixed	F	6.0.1	N5-040094	OSA3
NP-040255	29.198-04	067	-	Rel-4	Correction of continueProcessing method for Generic Call Control Service (GCCS)	F	4.8.0	N5-040098	OSA1
NP-040255	29.198-04-2	012	-	Rel-5	Correction of continueProcessing method for Generic Call Control Service (GCCS)	A	5.6.0	N5-040099	OSA1
NP-040255	29.198-04-2	013	-	Rel-6	Correction of continueProcessing method for Generic Call Control Service (GCCS)	A	6.0.1	N5-040101	OSA1
NP-040272	29.198-14	020	-	Rel-6	Correction of introduction of PAM Provisioning Interfaces	F	6.0.1	N5-040110	OSA3
NP-040267	29.198-04-3	021	-	Rel-6	Correction of description in superviseRes - Align with Rel-5	F	6.1.0	N5-040112	OSA3
NP-040268	29.198-04-4	016	-	Rel-6	Correction of description in superviseVolumeRes - Align with Rel-5	F	6.1.0	N5-040113	OSA3
NP-040268	29.198-04-4	017	-	Rel-6	Correction of method references in MMCC - Align with Rel-5	F	6.1.0	N5-040114	OSA3
NP-040269	29.198-05	046	-	Rel-6	Correct List vs Set semantics in User Interaction	F	6.0.1	N5-040117	OSA3
NP-040270	29.198-06	026	-	Rel-6	Correct allignment between ETSI/Parlay OSA and the 3GPP OSA by adding user binding data types	F	6.1.0	N5-040118	OSA3
NP-040260	29.198-01	031	-	Rel-6	Correct Java Rulebook to support API design pattern introduced by PAM SCS	A	6.0.1	N5-040119	OSA2
NP-040254	29.198-03	110	-	Rel-4	Correct the service property type used for address ranges	F	4.8.0	N5-040249	OSA1
NP-040254	29.198-03	111	-	Rel-5	Correct the service property type used for address ranges	A	5.6.0	N5-040250	OSA1
NP-040254	29.198-03	112	-	Rel-6	Correct the service property type used for address ranges	A	6.0.1	N5-040251	OSA1
NP-040256	29.198-04	068	-	Rel-4	Correct the P_TRIGGERING_ADDRESSES service property	F	4.8.0	N5-040252	OSA1
NP-040256	29.198-04-2	014	-	Rel-5	Correct the P_TRIGGERING_ADDRESSES service property	A	5.6.0	N5-040253	OSA1
NP-040256	29.198-04-2	015	-	Rel-6	Correct the P_TRIGGERING_ADDRESSES service property	A	6.0.1	N5-040254	OSA1
NP-040256	29.198-04-3	022	-	Rel-5	Correct the P_TRIGGERING_ADDRESSES service property	A	5.6.0	N5-040255	OSA1
NP-040256	29.198-04-3	023	-	Rel-6	Correct the P_TRIGGERING_ADDRESSES service property	A	6.1.0	N5-040256	OSA1
NP-040256	29.198-05	047	-	Rel-4	Correct the P_TRIGGERING_ADDRESSES service property	F	4.8.0	N5-040257	OSA1
NP-040256	29.198-05	048	-	Rel-5	Correct the P_TRIGGERING_ADDRESSES service property	A	5.6.0	N5-040258	OSA1
NP-040256	29.198-05	049	-	Rel-6	Correct the P_TRIGGERING_ADDRESSES service property	A	6.0.1	N5-040259	OSA1
NP-040256	29.198-08	029	-	Rel-4	Correct the P_TRIGGERING_ADDRESSES service property	F	4.7.0	N5-040260	OSA1
NP-040256	29.198-08	030	-	Rel-5	Correct the P_TRIGGERING_ADDRESSES service property	A	5.5.0	N5-040261	OSA1
NP-040256	29.198-08	031	-	Rel-6	Correct the P_TRIGGERING_ADDRESSES service property	A	6.0.1	N5-040262	OSA1
NP-040256	29.198-11	025	-	Rel-4	Correct the P_TRIGGERING_ADDRESSES service property	F	4.4.0	N5-040263	OSA1
NP-040256	29.198-11	026	-	Rel-5	Correct the P_TRIGGERING_ADDRESSES service property	A	5.4.0	N5-040264	OSA1
NP-040256	29.198-11	027	-	Rel-6	Correct the P_TRIGGERING_ADDRESSES service property	A	6.0.1	N5-040265	OSA1

NP-040273	29.198-03	113	-	Rel-6	Remove the <<new>> stereotype from methods which are no longer new	F	6.0.1	N5-040284	OSA3
NP-040273	29.198-04-3	024	-	Rel-6	Remove the <<new>> stereotype from methods which are no longer new	F	6.1.0	N5-040285	OSA3
NP-040273	29.198-05	050	-	Rel-6	Remove the <<new>> stereotype from methods which are no longer new	F	6.0.1	N5-040286	OSA3
NP-040273	29.198-07	017	-	Rel-6	Remove the <<new>> stereotype from methods which are no longer new	F	6.0.1	N5-040287	OSA3
NP-040273	29.198-08	032	-	Rel-6	Remove the <<new>> stereotype from methods which are no longer new	F	6.0.1	N5-040288	OSA3
NP-040273	29.198-11	028	-	Rel-6	Remove the <<new>> stereotype from methods which are no longer new	F	6.0.1	N5-040289	OSA3
NP-040273	29.198-12	027	-	Rel-6	Remove the <<new>> stereotype from methods which are no longer new	F	6.0.1	N5-040290	OSA3
NP-040257	29.198-04	069	-	Rel-4	Correction of callbacks sequence and timing conditions in GCCS and MPCCS	F	4.8.0	N5-040338	OSA1
NP-040257	29.198-04-2	016	-	Rel-5	Correction of callbacks sequence and timing conditions in GCCS	A	5.6.0	N5-040339	OSA1
NP-040257	29.198-04-3	025	-	Rel-5	Correction of callbacks sequence and timing conditions in MPCCS	A	5.6.0	N5-040340	OSA1
NP-040257	29.198-04-2	017	-	Rel-6	Correction of callbacks sequence and timing conditions in GCCS	A	6.0.1	N5-040341	OSA1
NP-040257	29.198-04-3	026	-	Rel-6	Correction of callbacks sequence and timing conditions in MPCCS	A	6.1.0	N5-040342	OSA1
NP-040260	29.198-01	032	-	Rel-5	Correct Java Rulebook to conform to Java accepted standards	F	5.5.0	N5-040345	OSA2
NP-040260	29.198-01	033	-	Rel-6	Correct Java Rulebook to conform to Java accepted standards	A	6.0.1	N5-040346	OSA2
NP-040261	29.198-03	114	-	Rel-5	Correct description of availStatusReason codes	F	5.6.0	N5-040349	OSA2
NP-040261	29.198-03	115	-	Rel-6	Correct description of availStatusReason codes	A	6.0.1	N5-040350	OSA2
NP-040261	29.198-03	116	-	Rel-5	Correct description for the use of selectSigningAlgorithm	F	5.6.0	N5-040351	OSA2
NP-040261	29.198-03	117	-	Rel-6	Correct description for the use of selectSigningAlgorithm	A	6.0.1	N5-040352	OSA2
NP-040261	29.198-03	118	-	Rel-5	Correct the description of the usage of CHAP within authentication	F	5.6.0	N5-040353	OSA2
NP-040261	29.198-03	119	-	Rel-6	Correct the description of the usage of CHAP within authentication	A	6.0.1	N5-040354	OSA2
NP-040261	29.198-03	120	-	Rel-5	Correct TpSignatureAndServiceMgr to align with description in signServiceAgreement	F	5.6.0	N5-040355	OSA2
NP-040261	29.198-03	121	-	Rel-6	Correct TpSignatureAndServiceMgr to align with description in signServiceAgreement	A	6.0.1	N5-040356	OSA2
NP-040262	29.198-01	034	1	Rel-5	Correct Java Rulebook	F	5.5.0	N5-040358	OSA2
NP-040262	29.198-01	035	1	Rel-6	Correct Java Rulebook	A	6.0.1	N5-040359	OSA2
NP-040262	29.198-02	045	-	Rel-5	Correct Java Rulebook	F	5.6.0	N5-040360	OSA2
NP-040262	29.198-04-1	011	-	Rel-5	Correct Java Rulebook	F	5.5.0	N5-040361	OSA2
NP-040262	29.198-04-4	018	-	Rel-5	Correct Java Rulebook	F	5.6.0	N5-040362	OSA2
NP-040262	29.198-06	027	-	Rel-5	Correct Java Rulebook	F	5.4.0	N5-040363	OSA2
NP-040262	29.198-07	018	-	Rel-5	Correct Java Rulebook	F	5.5.0	N5-040364	OSA2
NP-040262	29.198-07	019	-	Rel-6	Correct Java Rulebook	A	6.0.1	N5-040365	OSA2
NP-040262	29.198-12	028	-	Rel-5	Correct Java Rulebook	F	5.5.0	N5-040366	OSA2
NP-040262	29.198-12	029	-	Rel-6	Correct Java Rulebook	A	6.0.1	N5-040367	OSA2
NP-040262	29.198-13	009	-	Rel-5	Correct Java Rulebook	F	5.4.0	N5-040368	OSA2
NP-040262	29.198-14	021	-	Rel-5	Correct Java Rulebook	F	5.5.0	N5-040369	OSA2

Annex B.3:   CR list for CN Approval (sorted by Specification #)

Doc-1st-	Spec	CR	Re	Phase	Subject	Ca	Versio	Doc-2nd-	Workit
NP-040260	29.198-01	029	-	Rel-5	Correct Java Rulebook to support API design pattern introduced by PAM SCS	F	5.5.0	N5-040045	OSA2
NP-040260	29.198-01	031	-	Rel-6	Correct Java Rulebook to support API design pattern introduced by PAM SCS	A	6.0.1	N5-040119	OSA2
NP-040260	29.198-01	032	-	Rel-5	Correct Java Rulebook to conform to Java accepted standards	F	5.5.0	N5-040345	OSA2
NP-040260	29.198-01	033	-	Rel-6	Correct Java Rulebook to conform to Java accepted standards	A	6.0.1	N5-040346	OSA2
NP-040262	29.198-01	034	1	Rel-5	Correct Java Rulebook	F	5.5.0	N5-040358	OSA2
NP-040262	29.198-01	035	1	Rel-6	Correct Java Rulebook	A	6.0.1	N5-040359	OSA2
NP-040263	29.198-01	030	-	Rel-6	Correct Java Rulebook to introduce UI service naming rule	F	6.0.1	N5-040055	OSA3
NP-040262	29.198-02	045	-	Rel-5	Correct Java Rulebook	F	5.6.0	N5-040360	OSA2
NP-040264	29.198-02	044	-	Rel-6	Remove P_FIXED, TpFixed	F	6.0.1	N5-040094	OSA3
NP-040253	29.198-03	105	-	Rel-5	Correct alignment between ETSI/Parlay version of OSA and the 3GPP OSA, by clarifying erroneous field in TpServiceProfileDescription	A	5.6.0	N5-040058	OSA1
NP-040253	29.198-03	106	-	Rel-6	Correct alignment between ETSI/Parlay version of OSA and the 3GPP OSA, by clarifying erroneous field in TpServiceProfileDescription	A	6.0.1	N5-040059	OSA1
NP-040253	29.198-03	109	-	Rel-4	Correct alignment between ETSI/Parlay version of OSA and the 3GPP OSA, by clarifying erroneous field in TpServiceProfileDescription	F	4.8.0	N5-040066	OSA1
NP-040253	29.198-03	122	-	Rel-4	Correction of Digital Signature with NO signing algorithm	F	4.8.0	N5-040078	OSA1
NP-040254	29.198-03	110	-	Rel-4	Correct the service property type used for address ranges	F	4.8.0	N5-040249	OSA1
NP-040254	29.198-03	111	-	Rel-5	Correct the service property type used for address ranges	A	5.6.0	N5-040250	OSA1
NP-040254	29.198-03	112	-	Rel-6	Correct the service property type used for address ranges	A	6.0.1	N5-040251	OSA1
NP-040261	29.198-03	102	-	Rel-6	Add ability to identify when a client app/service contract/service profile is being used - Align between ETSI/Parlay and 3GPP	A	6.0.1	N5-040057	OSA2
NP-040261	29.198-03	103	-	Rel-5	Add ability to identify when a client app/service contract/service profile is being used - Align between ETSI/Parlay and 3GPP	F	5.6.0	N5-040056	OSA2
NP-040261	29.198-03	107	-	Rel-6	Introduce a ServiceID field to TpServiceProfileDescription	A	6.0.1	N5-040061	OSA2
NP-040261	29.198-03	108	-	Rel-5	Introduce a ServiceID field to TpServiceProfileDescription	F	5.6.0	N5-040060	OSA2
NP-040261	29.198-03	114	-	Rel-5	Correct description of availStatusReason codes	F	5.6.0	N5-040349	OSA2
NP-040261	29.198-03	115	-	Rel-6	Correct description of availStatusReason codes	A	6.0.1	N5-040350	OSA2
NP-040261	29.198-03	116	-	Rel-5	Correct description for the use of selectSigningAlgorithm	F	5.6.0	N5-040351	OSA2
NP-040261	29.198-03	117	-	Rel-6	Correct description for the use of selectSigningAlgorithm	A	6.0.1	N5-040352	OSA2
NP-040261	29.198-03	118	-	Rel-5	Correct the description of the usage of CHAP within authentication	F	5.6.0	N5-040353	OSA2
NP-040261	29.198-03	119	-	Rel-6	Correct the description of the usage of CHAP within authentication	A	6.0.1	N5-040354	OSA2
NP-040261	29.198-03	120	-	Rel-5	Correct TpSignatureAndServiceMgr to align with description in signServiceAgreement	F	5.6.0	N5-040355	OSA2
NP-040261	29.198-03	121	-	Rel-6	Correct TpSignatureAndServiceMgr to align with description in signServiceAgreement	A	6.0.1	N5-040356	OSA2
NP-040265	29.198-03	104	-	Rel-6	Add events to allow an entop to identify when a client app/service contract/service profile is being used	F	6.0.1	N5-040062	OSA3
NP-040273	29.198-03	113	-	Rel-6	Remove the <<new>> stereotype from methods which are no longer new	F	6.0.1	N5-040284	OSA3
NP-040255	29.198-04	067	-	Rel-4	Correction of continueProcessing method for Generic Call Control Service (GCCS)	F	4.8.0	N5-040098	OSA1
NP-040256	29.198-04	068	-	Rel-4	Correct the P_TRIGGERING_ADDRESSES service property	F	4.8.0	N5-040252	OSA1
NP-040257	29.198-04	069	-	Rel-4	Correction of callbacks sequence and timing conditions in GCCS and MPCCS	F	4.8.0	N5-040338	OSA1
NP-040262	29.198-04-1	011	-	Rel-5	Correct Java Rulebook	F	5.5.0	N5-040361	OSA2
NP-040266	29.198-04-1	010	-	Rel-6	Add missing Supervise Report value to support QoS parameter change reports	F	6.1.0	N5-040080	OSA3
NP-040255	29.198-04-2	012	-	Rel-5	Correction of continueProcessing method for Generic Call Control Service (GCCS)	A	5.6.0	N5-040099	OSA1
NP-040255	29.198-04-2	013	-	Rel-6	Correction of continueProcessing method for Generic Call Control Service (GCCS)	A	6.0.1	N5-040101	OSA1
NP-040256	29.198-04-2	014	-	Rel-5	Correct the P_TRIGGERING_ADDRESSES service property	A	5.6.0	N5-040253	OSA1
NP-040256	29.198-04-2	015	-	Rel-6	Correct the P_TRIGGERING_ADDRESSES service property	A	6.0.1	N5-040254	OSA1
NP-040257	29.198-04-2	016	-	Rel-5	Correction of callbacks sequence and timing conditions in GCCS	A	5.6.0	N5-040339	OSA1
NP-040257	29.198-04-2	017	-	Rel-6	Correction of callbacks sequence and timing conditions in GCCS	A	6.0.1	N5-040341	OSA1

NP-040256	29.198-04-3	022	-	Rel-5	Correct the P_TRIGGERING_ADDRESSES service property	A	5.6.0	N5-040255	OSA1
NP-040256	29.198-04-3	023	-	Rel-6	Correct the P_TRIGGERING_ADDRESSES service property	A	6.1.0	N5-040256	OSA1
NP-040257	29.198-04-3	025	-	Rel-5	Correction of callbacks sequence and timing conditions in MPCCS	A	5.6.0	N5-040340	OSA1
NP-040257	29.198-04-3	026	-	Rel-6	Correction of callbacks sequence and timing conditions in MPCCS	A	6.1.0	N5-040342	OSA1
NP-040267	29.198-04-3	021	-	Rel-6	Correction of description in superviseRes - Align with Rel-5	F	6.1.0	N5-040112	OSA3
NP-040273	29.198-04-3	024	-	Rel-6	Remove the <<new>> stereotype from methods which are no longer new	F	6.1.0	N5-040285	OSA3
NP-040262	29.198-04-4	018	-	Rel-5	Correct Java Rulebook	F	5.6.0	N5-040362	OSA2
NP-040268	29.198-04-4	016	-	Rel-6	Correction of description in superviseVolumeRes - Align with Rel-5	F	6.1.0	N5-040113	OSA3
NP-040268	29.198-04-4	017	-	Rel-6	Correction of method references in MMCC - Align with Rel-5	F	6.1.0	N5-040114	OSA3
NP-040256	29.198-05	047	-	Rel-4	Correct the P_TRIGGERING_ADDRESSES service property	F	4.8.0	N5-040257	OSA1
NP-040256	29.198-05	048	-	Rel-5	Correct the P_TRIGGERING_ADDRESSES service property	A	5.6.0	N5-040258	OSA1
NP-040256	29.198-05	049	-	Rel-6	Correct the P_TRIGGERING_ADDRESSES service property	A	6.0.1	N5-040259	OSA1
NP-040269	29.198-05	046	-	Rel-6	Correct List vs Set semantics in User Interaction	F	6.0.1	N5-040117	OSA3
NP-040273	29.198-05	050	-	Rel-6	Remove the <<new>> stereotype from methods which are no longer new	F	6.0.1	N5-040286	OSA3
NP-040262	29.198-06	027	-	Rel-5	Correct Java Rulebook	F	5.4.0	N5-040363	OSA2
NP-040270	29.198-06	026	-	Rel-6	Correct allignment between ETSI/Parlay OSA and the 3GPP OSA by adding user binding data types	F	6.1.0	N5-040118	OSA3
NP-040262	29.198-07	018	-	Rel-5	Correct Java Rulebook	F	5.5.0	N5-040364	OSA2
NP-040262	29.198-07	019	-	Rel-6	Correct Java Rulebook	A	6.0.1	N5-040365	OSA2
NP-040273	29.198-07	017	-	Rel-6	Remove the <<new>> stereotype from methods which are no longer new	F	6.0.1	N5-040287	OSA3
NP-040256	29.198-08	029	-	Rel-4	Correct the P_TRIGGERING_ADDRESSES service property	F	4.7.0	N5-040260	OSA1
NP-040256	29.198-08	030	-	Rel-5	Correct the P_TRIGGERING_ADDRESSES service property	A	5.5.0	N5-040261	OSA1
NP-040256	29.198-08	031	-	Rel-6	Correct the P_TRIGGERING_ADDRESSES service property	A	6.0.1	N5-040262	OSA1
NP-040273	29.198-08	032	-	Rel-6	Remove the <<new>> stereotype from methods which are no longer new	F	6.0.1	N5-040288	OSA3
NP-040256	29.198-11	025	-	Rel-4	Correct the P_TRIGGERING_ADDRESSES service property	F	4.4.0	N5-040263	OSA1
NP-040256	29.198-11	026	-	Rel-5	Correct the P_TRIGGERING_ADDRESSES service property	A	5.4.0	N5-040264	OSA1
NP-040256	29.198-11	027	-	Rel-6	Correct the P_TRIGGERING_ADDRESSES service property	A	6.0.1	N5-040265	OSA1
NP-040271	29.198-11	024	-	Rel-6	Account Management missing needed features	B	6.0.1	N5-040054	OSA3
NP-040273	29.198-11	028	-	Rel-6	Remove the <<new>> stereotype from methods which are no longer new	F	6.0.1	N5-040289	OSA3
NP-040262	29.198-12	028	-	Rel-5	Correct Java Rulebook	F	5.5.0	N5-040366	OSA2
NP-040262	29.198-12	029	-	Rel-6	Correct Java Rulebook	A	6.0.1	N5-040367	OSA2
NP-040273	29.198-12	027	-	Rel-6	Remove the <<new>> stereotype from methods which are no longer new	F	6.0.1	N5-040290	OSA3
NP-040262	29.198-13	009	-	Rel-5	Correct Java Rulebook	F	5.4.0	N5-040368	OSA2
NP-040262	29.198-14	021	-	Rel-5	Correct Java Rulebook	F	5.5.0	N5-040369	OSA2
NP-040272	29.198-14	020	-	Rel-6	Correction of introduction of PAM Provisioning Interfaces	F	6.0.1	N5-040110	OSA3

Annex B.4: CR list for CN Approval (sorted by CN Plenary Tdoc#)

Doc-1st-	Spec	CR	Re	Phase	Subject	Ca	Versio	Doc-2nd-	Workit
NP-040253	29.198-03	105	-	Rel-5	Correct alignment between ETSI/Parlay version of OSA and the 3GPP OSA, by clarifying erroneous field in TpServiceProfileDescription	A	5.6.0	N5-040058	OSA1
NP-040253	29.198-03	106	-	Rel-6	Correct alignment between ETSI/Parlay version of OSA and the 3GPP OSA, by clarifying erroneous field in TpServiceProfileDescription	A	6.0.1	N5-040059	OSA1
NP-040253	29.198-03	109	-	Rel-4	Correct alignment between ETSI/Parlay version of OSA and the 3GPP OSA, by clarifying erroneous field in TpServiceProfileDescription	F	4.8.0	N5-040066	OSA1
NP-040253	29.198-03	122	-	Rel-4	Correction of Digital Signature with NO signing algorithm	F	4.8.0	N5-040078	OSA1
NP-040254	29.198-03	110	-	Rel-4	Correct the service property type used for address ranges	F	4.8.0	N5-040249	OSA1
NP-040254	29.198-03	111	-	Rel-5	Correct the service property type used for address ranges	A	5.6.0	N5-040250	OSA1
NP-040254	29.198-03	112	-	Rel-6	Correct the service property type used for address ranges	A	6.0.1	N5-040251	OSA1
NP-040255	29.198-04	067	-	Rel-4	Correction of continueProcessing method for Generic Call Control Service (GCCS)	F	4.8.0	N5-040098	OSA1
NP-040255	29.198-04-2	012	-	Rel-5	Correction of continueProcessing method for Generic Call Control Service (GCCS)	A	5.6.0	N5-040099	OSA1
NP-040255	29.198-04-2	013	-	Rel-6	Correction of continueProcessing method for Generic Call Control Service (GCCS)	A	6.0.1	N5-040101	OSA1
NP-040256	29.198-04	068	-	Rel-4	Correct the P_TRIGGERING_ADDRESSES service property	F	4.8.0	N5-040252	OSA1
NP-040256	29.198-04-2	014	-	Rel-5	Correct the P_TRIGGERING_ADDRESSES service property	A	5.6.0	N5-040253	OSA1
NP-040256	29.198-04-2	015	-	Rel-6	Correct the P_TRIGGERING_ADDRESSES service property	A	6.0.1	N5-040254	OSA1
NP-040256	29.198-04-3	022	-	Rel-5	Correct the P_TRIGGERING_ADDRESSES service property	A	5.6.0	N5-040255	OSA1
NP-040256	29.198-04-3	023	-	Rel-6	Correct the P_TRIGGERING_ADDRESSES service property	A	6.1.0	N5-040256	OSA1
NP-040256	29.198-05	047	-	Rel-4	Correct the P_TRIGGERING_ADDRESSES service property	F	4.8.0	N5-040257	OSA1
NP-040256	29.198-05	048	-	Rel-5	Correct the P_TRIGGERING_ADDRESSES service property	A	5.6.0	N5-040258	OSA1
NP-040256	29.198-05	049	-	Rel-6	Correct the P_TRIGGERING_ADDRESSES service property	A	6.0.1	N5-040259	OSA1
NP-040256	29.198-08	029	-	Rel-4	Correct the P_TRIGGERING_ADDRESSES service property	F	4.7.0	N5-040260	OSA1
NP-040256	29.198-08	030	-	Rel-5	Correct the P_TRIGGERING_ADDRESSES service property	A	5.5.0	N5-040261	OSA1
NP-040256	29.198-08	031	-	Rel-6	Correct the P_TRIGGERING_ADDRESSES service property	A	6.0.1	N5-040262	OSA1
NP-040256	29.198-11	025	-	Rel-4	Correct the P_TRIGGERING_ADDRESSES service property	F	4.4.0	N5-040263	OSA1
NP-040256	29.198-11	026	-	Rel-5	Correct the P_TRIGGERING_ADDRESSES service property	A	5.4.0	N5-040264	OSA1
NP-040256	29.198-11	027	-	Rel-6	Correct the P_TRIGGERING_ADDRESSES service property	A	6.0.1	N5-040265	OSA1
NP-040257	29.198-04	069	-	Rel-4	Correction of callbacks sequence and timing conditions in GCCS and MPCCS	F	4.8.0	N5-040338	OSA1
NP-040257	29.198-04-2	016	-	Rel-5	Correction of callbacks sequence and timing conditions in GCCS	A	5.6.0	N5-040339	OSA1
NP-040257	29.198-04-2	017	-	Rel-6	Correction of callbacks sequence and timing conditions in GCCS	A	6.0.1	N5-040341	OSA1
NP-040257	29.198-04-3	025	-	Rel-5	Correction of callbacks sequence and timing conditions in MPCCS	A	5.6.0	N5-040340	OSA1
NP-040257	29.198-04-3	026	-	Rel-6	Correction of callbacks sequence and timing conditions in MPCCS	A	6.1.0	N5-040342	OSA1
NP-040260	29.198-01	029	-	Rel-5	Correct Java Rulebook to support API design pattern introduced by PAM SCS	F	5.5.0	N5-040045	OSA2
NP-040260	29.198-01	031	-	Rel-6	Correct Java Rulebook to support API design pattern introduced by PAM SCS	A	6.0.1	N5-040119	OSA2
NP-040260	29.198-01	032	-	Rel-5	Correct Java Rulebook to conform to Java accepted standards	F	5.5.0	N5-040345	OSA2
NP-040260	29.198-01	033	-	Rel-6	Correct Java Rulebook to conform to Java accepted standards	A	6.0.1	N5-040346	OSA2
NP-040261	29.198-03	102	-	Rel-6	Add ability to identify when a client app/service contract/service profile is being used - Align between ETSI/Parlay and 3GPP	A	6.0.1	N5-040057	OSA2
NP-040261	29.198-03	103	-	Rel-5	Add ability to identify when a client app/service contract/service profile is being used - Align between ETSI/Parlay and 3GPP	F	5.6.0	N5-040056	OSA2
NP-040261	29.198-03	107	-	Rel-6	Introduce a ServiceID field to TpServiceProfileDescription	A	6.0.1	N5-040061	OSA2
NP-040261	29.198-03	108	-	Rel-5	Introduce a ServiceID field to TpServiceProfileDescription	F	5.6.0	N5-040060	OSA2
NP-040261	29.198-03	114	-	Rel-5	Correct description of availStatusReason codes	F	5.6.0	N5-040349	OSA2
NP-040261	29.198-03	115	-	Rel-6	Correct description of availStatusReason codes	A	6.0.1	N5-040350	OSA2
NP-040261	29.198-03	116	-	Rel-5	Correct description for the use of selectSigningAlgorithm	F	5.6.0	N5-040351	OSA2
NP-040261	29.198-03	117	-	Rel-6	Correct description for the use of selectSigningAlgorithm	A	6.0.1	N5-040352	OSA2

NP-040261	29.198-03	118	-	Rel-5	Correct the description of the usage of CHAP within authentication	F	5.6.0	N5-040353	OSA2
NP-040261	29.198-03	119	-	Rel-6	Correct the description of the usage of CHAP within authentication	A	6.0.1	N5-040354	OSA2
NP-040261	29.198-03	120	-	Rel-5	Correct TpSignatureAndServiceMgr to align with description in signServiceAgreement	F	5.6.0	N5-040355	OSA2
NP-040261	29.198-03	121	-	Rel-6	Correct TpSignatureAndServiceMgr to align with description in signServiceAgreement	A	6.0.1	N5-040356	OSA2
NP-040262	29.198-01	034	1	Rel-5	Correct Java Rulebook	F	5.5.0	N5-040358	OSA2
NP-040262	29.198-01	035	1	Rel-6	Correct Java Rulebook	A	6.0.1	N5-040359	OSA2
NP-040262	29.198-02	045	-	Rel-5	Correct Java Rulebook	F	5.6.0	N5-040360	OSA2
NP-040262	29.198-04-1	011	-	Rel-5	Correct Java Rulebook	F	5.5.0	N5-040361	OSA2
NP-040262	29.198-04-4	018	-	Rel-5	Correct Java Rulebook	F	5.6.0	N5-040362	OSA2
NP-040262	29.198-06	027	-	Rel-5	Correct Java Rulebook	F	5.4.0	N5-040363	OSA2
NP-040262	29.198-07	018	-	Rel-5	Correct Java Rulebook	F	5.5.0	N5-040364	OSA2
NP-040262	29.198-07	019	-	Rel-6	Correct Java Rulebook	A	6.0.1	N5-040365	OSA2
NP-040262	29.198-12	028	-	Rel-5	Correct Java Rulebook	F	5.5.0	N5-040366	OSA2
NP-040262	29.198-12	029	-	Rel-6	Correct Java Rulebook	A	6.0.1	N5-040367	OSA2
NP-040262	29.198-13	009	-	Rel-5	Correct Java Rulebook	F	5.4.0	N5-040368	OSA2
NP-040262	29.198-14	021	-	Rel-5	Correct Java Rulebook	F	5.5.0	N5-040369	OSA2
NP-040263	29.198-01	030	-	Rel-6	Correct Java Rulebook to introduce UI service naming rule	F	6.0.1	N5-040055	OSA3
NP-040264	29.198-02	044	-	Rel-6	Remove P_FIXED, TpFixed	F	6.0.1	N5-040094	OSA3
NP-040265	29.198-03	104	-	Rel-6	Add events to allow an entop to identify when a client app/service contract/service profile is being used	F	6.0.1	N5-040062	OSA3
NP-040266	29.198-04-1	010	-	Rel-6	Add missing Supervise Report value to support QoS parameter change reports	F	6.1.0	N5-040080	OSA3
NP-040267	29.198-04-3	021	-	Rel-6	Correction of description in superviseRes - Align with Rel-5	F	6.1.0	N5-040112	OSA3
NP-040268	29.198-04-4	016	-	Rel-6	Correction of description in superviseVolumeRes - Align with Rel-5	F	6.1.0	N5-040113	OSA3
NP-040268	29.198-04-4	017	-	Rel-6	Correction of method references in MMCC - Align with Rel-5	F	6.1.0	N5-040114	OSA3
NP-040269	29.198-05	046	-	Rel-6	Correct List vs Set semantics in User Interaction	F	6.0.1	N5-040117	OSA3
NP-040270	29.198-06	026	-	Rel-6	Correct allignment between ETSI/Parlay OSA and the 3GPP OSA by adding user binding data types	F	6.1.0	N5-040118	OSA3
NP-040271	29.198-11	024	-	Rel-6	Account Management missing needed features	B	6.0.1	N5-040054	OSA3
NP-040272	29.198-14	020	-	Rel-6	Correction of introduction of PAM Provisioning Interfaces	F	6.0.1	N5-040110	OSA3
NP-040273	29.198-03	113	-	Rel-6	Remove the <<new>> stereotype from methods which are no longer new	F	6.0.1	N5-040284	OSA3
NP-040273	29.198-04-3	024	-	Rel-6	Remove the <<new>> stereotype from methods which are no longer new	F	6.1.0	N5-040285	OSA3
NP-040273	29.198-05	050	-	Rel-6	Remove the <<new>> stereotype from methods which are no longer new	F	6.0.1	N5-040286	OSA3
NP-040273	29.198-07	017	-	Rel-6	Remove the <<new>> stereotype from methods which are no longer new	F	6.0.1	N5-040287	OSA3
NP-040273	29.198-08	032	-	Rel-6	Remove the <<new>> stereotype from methods which are no longer new	F	6.0.1	N5-040288	OSA3
NP-040273	29.198-11	028	-	Rel-6	Remove the <<new>> stereotype from methods which are no longer new	F	6.0.1	N5-040289	OSA3
NP-040273	29.198-12	027	-	Rel-6	Remove the <<new>> stereotype from methods which are no longer new	F	6.0.1	N5-040290	OSA3

Annex C: Participants list

Chairman

ABARCA Chelo	ALCATEL S.A.	FR
STRETCH Richard	BT Group Plc	GB

Vice Chairman

BAKKER John-Luc	Telcordia Technologies	US

BESSLER Sandford	TELECOM. RESEARCH CENTER (FTW)	AT
CHUNG Kisook	ETRI	KR
GRECH Michel	Lucent N. S. UK	GB
HUMPHREY Jane D	MARCONI COMMUNICATIONS	GB
MAHLER Roger	Cingular Wireless LLC	US
MCINTYRE Joe	IBM EUROPE	DE
MULLIGAN Ultan	ETSI Secretariat	FR
MURPHY Ransom	Lucent N. S. UK	GB
MURRAY Eamonn	AePONA LTD	GB
PARK Yoo-mi	ETRI	KR
RATTIER Jacques	ORANGE SA	FR
RHEE Eunjun	ETRI	KR
UNMEHOPA Musa	Lucent N. S. UK	GB
VAN RIJSSEN Erwin	ERICSSON LM	SE

Number of Attendees: **17**

Member of 3GPP (ATIS)

Mr. John-Luc Bakker	Telcordia Technologies	(ATIS)	US	+1-732-699-2694	jlbakker@research.telcordia.com
Mr. Roger Mahler	Cingular Wireless LLC	(ATIS)	US	+1 404 236 6920	roger.mahler@cingular.com

Member of 3GPP (ETSI)

Ms. Chelo Abarca	ALCATEL S.A.	(ETSI)	FR	+33 1307 70469	chelo.abarca@alcatel.fr
Dr. Sandford Bessler	TELECOM. RESEARCH CENTER (FTW)	(ETSI)	AT	+431505283043	bessler@ftw.at
Mr. Michel Grech	Lucent N. S. UK	(ETSI)	GB	+44 207 318 6430	grech@lucent.com
Ms. Jane D Humphrey	MARCONI COMMUNICATIONS	(ETSI)	GB	+44 24 76564232	jane.humphrey@marconi.com
Mr. Joe Mcintyre	IBM EUROPE	(ETSI)	US	+1 512 823 1675	joe@us.ibm.com
Mr. Ransom Murphy	Lucent N. S. UK	(ETSI)	US	+1 919 463 3202	gmurphy@lucent.com
Mr. Eamonn Murray	AePONA LTD	(ETSI)	GB	+44 28 90269188	eamonn.murray@aepona.com
Mr. Jacques Rattier	ORANGE SA	(ETSI)	FR	+33 6 73 89 38 88	jacques.rattier@francetelecom.com
Mr. Richard Stretch	BT Group Plc	(ETSI)	GB	+44 1473 607487	richard.stretch@bt.com
Mr. Musa Unmehopa	Lucent N. S. UK	(ETSI)	NL	+31 35 687 1684	unmehopa@lucent.com
Mr. Erwin van Rijssen	ERICSSON LM	(ETSI)	NL	+31161242320	Erwin.van.Rijssen@ericsson.com

Member of 3GPP (TTA)

Miss Kisook Chung	ETRI	(TTA)	KR	+82-42-860-1275	kschung@etri.re.kr
Mrs. Yoo-mi Park	ETRI	(TTA)	KR	+82-42-860-6718	parkym@etri.re.kr
Mr. Eunjun Rhee	ETRI	(TTA)	KR	+82-42-860-6782	ejrhee@etri.re.kr

Organisation partner representative (ETSI)

Mr. Ultan Mulligan	ETSI Secretariat	(ETSI)	FR	+33 4 92 94 43 88	ultan.mulligan@etsi.org

History

Document history		
Ver. 1.0.0	26 May 2004	N5-040208 DRAFT Report submitted to CN5 for comment and posted at: http://www.3gpp.org/ftp/tsg_cn/WG5_osa/TSGN5_27_Miami/Report/
Ver. 2.0.0	14 Jul 2004	N5-040208r1 Revised DRAFT Report submitted to CN5 for approval and posted at: http://www.3gpp.org/ftp/tsg_cn/WG5_osa/TSGN5_27_Miami/Report/
Ver. 3.0.0	13 Aug 2004	N5-040372: Approved Report at CN5#28 and posted at: http://www.3gpp.org/ftp/tsg_cn/WG5_osa/TSGN5_27_Miami/Report/