joint-API-group (Parlay, ETSI Project OSA, 3GPP TSG_CN WG5) **Tdoc N5-020327**
Meeting #18, Budapest, Hungary, 13 – 17 May 2002

Source: **JWG Chairs**
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Title: **Draft Meeting Report of CN5#18**

Agenda item	Agenda item title	Tdoc 3GPP N5-020	Title	Source	Result	
1	Opening and approval agenda	320	Proposed agenda	N5 chairman	Approved.	
1.1	IPR declarations				The Chairman reminded the "Article 55: Intellectual Property Rights (IPR) Policy" of the 3GPP Working Procedures: ?? Individual Members shall be bound by the IPR Policy of their respective Organizational Partner. ?? Individual Members should declare at the earliest opportunity, any IPRs, which they believe to be essential, or potentially essential, to any work ongoing within 3GPP. ?? Organizational Partners should encourage their respective members to grant licences on fair, reasonable terms and conditions and on a non-discriminatory basis. ?? The PCG shall maintain a register of IPR declarations relevant to 3GPP, received by the Organizational Partners. The Chairman invited the delegates to declare IPRs - relevant to the 3GPP - they are aware of and there were no declarations. The List of IPR declarations sorted by Organizational Partners can be found at: http://www.3gpp.org/PCG/IPR_declarations.htm	
2	Allocation of documents	321	Document allocation	N5 chairman		
3	Reporting					

3.1	CN5/SPAN12/Parlay	180	Report CN5#17 Sophia Antipolis	ETSI OSA project leader, CN5 chairman	Approved.	
3.2	Parlay BoD and TAC meetings				Only one Parlay BoD/TAC conference call has taken place since last meeting. The key issues discussed will come up in later discussions. Ard-Jan and Chelo pointed out in this conference call that we may not be able to finalise the Framework security discussion in this meeting, and asked the Parlay BoD to confirm that we could still use the Montreal meeting for this. We're still waiting for their confirmation this week. No answer means that we can take the assumption that we can still work on Parlay 4 in Montreal.	
3.3	3GPP-3GPP2 harmonisation related activities					
		348	Highlights from 3GPP PCG#8/OP#7 meetings	3GPP TSG CN Chair (Stephen.Hayes@AM1.ERICSSON.SE)	After some 3GPP2 delegates attended our last Joint WG meeting there was a wish on both sides to work together. The Joint WG sent a contribution to the last PCG meeting asking for green light for harmonisation efforts. In 3GPP2, last TSG-N plenary prepared a letter for their Steering Committee, just sent oput, no answer yet. Stephen Hayes summarises the results of the PCG meeting in the following way: no concrete decisions (they leave them to the TSGs) but agree in principle that there should be a harmonisation of OSA. Stephen's interpretation: business as usual, meaning that individual members are welcome to attend the Joint WG meetings. 3GPP2 companies joining the Joint WG are encouraged.	
3.4	Other OSA related activities					

			SA1 OSA, SA2 OSA		We don't have a report from the meeting of SA1 OSA after our joint session in Sophia. The SA2 draft report, OSA part, says that the main outcome of their last meeting was cleaning up the stage 2 document according to the most recently agreed Rel5 requirements scope. SA2 OSA is also looking for a new chair, though unsure if they should continue as an independent group.	
			JAIN Heidelberg meeting		It was a very successful meeting, operator presence shows high interest.	
4	Liaison Statements					
		330	LS from S1 to N5 : Response LS to SA3 on new security requirements for LCS	SA1	Proposed handling: answer to SA1, SA3 and LIF that CN5 has also developed location APIs and that we have certain security aspects in place. To be checked off line if it is SA1 who have included us in this discussion, or if we were in the original request. This will determine our answer, where we need to address that SA1 OSA may also need to be involved from the point of view of requirements, but also that we do have the location APIs and the corresponding security mechanisms. Ard-Jan and Chelo will look into this and draft a response; will be number 342.	
		331	LS back to SA1and SA3 on enhanced user privacy and new security requirements for LCS	SA2	Proposed handling: explanation to SA2 on how this could be handled by OSA. Furthermore, request for explanation of how SA2 sees relationship OSA and LIF. Same as with previous one, maybe common response.	

		332	Liaison Statement on GUP work progress	SA2	SA2 has been tasked by TSG-SA to actively co-ordinate the Generic User Profile development work within 3GPP. They are starting this coordination role by providing a status update on the GUP activity. This contribution includes a table of tasks, where we're mentioned as involved if there is stage 3 resulting from the requirements and architecture work. This shows SA2 understands well the way we work. No need to answer. Noted.	
		333	LS from SA3 LI to CN5 on Lawful Intercept related information in CN5 specifications	SA3	This is for information, no action required, and tells us that SA3-LI is looking into the situation where an entity providing the third party service would not fall under the category of a licensed operator or service provider but would be providing a remote, high level value added service. In this case Law Enforcement Authorities may not have access to the third party service to enable interception to take place or, in the case of Emergency Telecommunications, to influence the prioritisation of traffic. This is a legal and administrative problem rather than a technical one and the Law Enforcement representatives on 3GPP SA3 LI have been asked to examine it further. Noted.	
		349	NGN-IG status report to GA#39	Alistair URIE NGN-IG Chairman	This is a report on what is being done in NGN in standardisation. ETSI decided not to create an NGN group but instead look at what is being done everywhere, and to create this NGN-IG to monitor all activities and study whether there is the need for anything to be done. Noted.	

		334	LS-reply on Joint Meeting SA5/CN5/T2 on MMS charging	T2	Around Cancun time T2 sent out LS about MMS. Also at the Cancun meeting we had a presentation on MMS. Now we are invited for a meeting about charging for MMS between TS and SA5. As we are establishing relations with SA5 it is pointed out that it might be too early for such a meeting. Also pointed out that charging for MMS might be a very interesting business case. Ard-Jan will approach the issuers of the LS to find out what the topic for the joint meeting really is: is it whether to see if our CBC API is suitable for charging for MMS or is it related to having OSA support for MMS? In the latter case it should be in fact SA1 that should be involved, in the first case it is us. Depending on the outcome we can draft a LS.	

		459	**Email from T2**		**Reply to Ard-Jan's email to T2 based on discussion of 334.** **Main topic is charging for MMS (for Rel6) but it also dependeds on the Rel5 progress of SA5. Their MMS7 RP, which they believe to be OSA based, will be also a topic of discussion, as well as OSA Authentication and Authorisation of VASPs, and how OSA can support messaging. The possibility of a joint meeting with only T2 and CN5 for the discussion of requirements for a (new) OSA messaging functionality in order to support MMS and for MMS in order to use OSA for MM7.** **Proposal: to send them the diagram with our work process we have in our work item, so they know that there are other groups working in OSA, and what each does. Proposed also that we present to them what we already have in messaging and CBC and how to combine them, and the Framework. Operator concern that we may not need to standardise these management interfaces, and whether what needs to be standardised is within the scope of the JWG; besides there is the planned joint work with SA5 where this could fit. Comment: this is an interesting area, and we have never presented OSA to either the charging group or T2.** **Agreement: to reply to their LS with an overview of our what we currently have; explain that if additional requirements are identified then we may need to involve other groups, and explain them our work process. As for the joint meeting, we may send experts but we may also think about a joint meeting when we discuss next meetings.** **Reply will be number 341 (reply to 334). Ard-Jan, Anders, Musa and Chelo will draft it.**	

5	**Backward compatibility discussions**				**Summary of status by Richard: last meeting we discussed a White Paper and some slides produced by the Parlay BoD/TAC and some other related documents. As a result of the discussions in the meeting some issues were identified, one of which were the slides (included in 422).**	

		347	Backward compatibility	Richard Stretch BT Exact Technologies	Not available in the meeting, but included as an attachment in Annex C of 422. The idea is to categorise the maturity of the specifications, so a company looking at them can know. Two concepts are defined: perceived spec completeness, and actual product maturity of current version. For both three stages are defined: evolving, established and mature. The slides include a table that states the status of each API – this is a statement by the Joint WG. These slides will be used by Parlay for marketing purposes. On the other hand, the levels of backwards compatibility defined are for us: developers will just get the stages of perceived completeness and product maturity. Question: how can we prove the products exist? Answer: it is to be done by the JWG, the BoD have delegated this on us. There's no way we can know whether a certain vendor implementation implements the whole functionality of the API – we can just bring messages back from our companies, from our implementers. One possibility is that we the JWG give Parlay the option of keeping this column or not. We're a technical group, not liable here. Conclusion: the TAC will deal with the product maturity, the JWG with the perceived completeness. Question: how do we deal with the fact that they're linked – that the perceived completeness cannot be mature unless the product maturity is at least established? Conclusion: the JWG will give an initial statement on perceived maturity to the Parlay BoD, which may be revised depending on the status of the product maturity column. Question: for the Access Interfaces, which have different uses, can we say we have product maturity because of having implementations of one use (e.g. Fw-App), even if another one (e.g. Fw-EntOp) have not been tested? Answer: yes, except for non-functional aspects, which we don't address. Discussion: we need to re-define the stages because we	

		445			**Based on the discussions in Sophia Chelo prepared a list of issues we need solutions for before we can make final backwards compatibility statements for the different interfaces. Richard sent it to the Parlay BoD and didn't get any feedback yet. This contribution contains those issues, together with proposals from Richard for each of them:** **Issue 1: The way we manage our documentation today, the UML and the IDL are tightly coupled and don't have separate lives, so there is no way we can implement the separation between their BC levels without breaking that coupling. Breaking the coupling would mean there is no longer any need to maintain the Rational Rose UML model. This would be to our disadvantage, because today we compile the IDL as a means to check the specification, and we wouldn't be able to do this anymore.** **Richard proposes that the UML and IDL should continue to be linked and therefore view the BC level the same for both.** **Discussion: the reason for this split in BC requirements from the BoD was that we may have different BC requirements per different implementations. Richard's proposal is agreed.** **Issue 2: Comment on the proposed way to track changes in the specification: if we use for the interfaces a stereotype that is not "interface", then we won't be able to generate IDL automatically. An alternative solution would be to put the changes in an annex.** **Richard proposes that we only deprecate methods and not the Interfaces. Therefore there may need to be a change made to the White Paper.** **Discussion: we can still deprecate interfaces, although not using the stereotype proposed in the white paper – we might for example state the deprecation in the first sentence of the interface description; or we might use an annex, which is the second proposal in the white paper.** **Conclusion: we will deprecate interfaces (not only methods) and the mechanism will be to put the changes**	

		422	Backwards Compatibility in Parlay/OSA White Paper, v0.4	Incomit (Anders Lundqvist)	This is version 0.4 of the white paper on Backward compatibility. It contains an overview of what we can and can't do with respect to backward compatibility. New is part in chapter 4 on the new IpInitial, that allows applications to indicate the version of the API they support. Furthermore, text has been added on how an SCS can support multiple versions of the API. Chapter 5 contains the overview of the levels of Backward Compatibility. Also in this chapter the new definitions of maturity have been added. Chapter 6 contains the rules depending on the level of BC per technology: UML, IDL, Java, WSDL. Java and WSDL are still to be completed. Maybe only 2 levels are needed in the end: compatible or not compatible, but before we define this we have to investigate all the levels. Chapter 7 is on how changes should be tracked. Mainly for the sake of interoperability. Chapter 8 contains the open items. Most of the items have been solved during the discussion on 445. Annex contains other documents, like the maturity presentation 347. Question on what needs to be updated based on discussion of 445 and 347. Answer: description of the levels and the open issues. A new version containing these updates will be provided, possible during this meeting. One issue to be solved is still on how multiple FW versions can be offered. This is in 436. Question on adding of exceptions: is it allowed or not for a certain level. Answer: this is solved and not an open issue anymore. Levels might need more refinement. Target for the whitepaper is June 4th BoD meeting and get it approved as a Version 1.0 whitepaper. Until May 24 comments and suggestions are welcome. Comments	

		423	Frame Work version in run-time	Incomit (Anders Lundqvist)	This Contribution contains a backward compatible solution to the OSA/Parlay Framework API that enables the communication between a framework and different versions of applications to work even if the framework has been changed. Proposal is to introduce a method initiateAuthenticationWithVersion where an application can supply its version of the API. In this way an application can indicate which version of the Framework it needs. A new datatype is introduced for the version and also an exception is introduced. Question: wouldn't it be sufficient to supply different IpInitials? Answer: the current proposal allows to have only one IpInitial and no additional configuration is needed. Furthermore, ,the proposal is better for interoperabilty as it is totally defined how the version exchanging should work. Question: Shouldn't we keep the old method? Answer: this might lead to confusion later on. What should we do with the version string? Same data type could also be used for service version. Should be a separate CR. Also observation that the table is incomplete. Koen will do this CR (449). Exception should be generalised to P_INVALID_VERSION. Question on the naming: will it be the general pattern that when a parameter is added this will be reflected in the name? Answer, the name reflects the functionality, not the parameter. Name itself is agreed. Class diagram should be updated, name of method is not correct in this diagram. Name of method should start with lower case, also the framework. Version parameter should be lower case. The stereotypes should be kept in the class diagrams, also there should be text added to the method descriptions. For interfaces that are deprecated, this will	

		447	**Adding version management support to the Framework in run-time**	**Incomit (Anders Lundqvist)**	**CR corresponding to 423.** **Comment: the data type for TpFramework is wrong. There are some spelling errors in the front page, and some unclear sentences.** **This is intended only for Rel5 (Parlay 4.0).** **Will be revised into 467.**	
		467			**Approved.**	
		448	**Adding a new annex C to the 29.198-3 document**	**Incomit (Anders Lundqvist)**	**This contribution proposes a structure for the new Annex C.** **Question: for interfaces, do we need to record again that their methods have changed?** **Answer: no, the "changed" table will be removed for the interfaces. The only case that we can think of now, where an interface would change without changing its methods, is when something is changed in the inheritance structure, which we don't plan to do – if this changes or we find another example we'll re-introduce the table.** **Question: what is a "deprecated" data type?** **Answer: data types that only appear in a method that is deprecated can be eventually removed. Besides if there are not used there is no need to remove them anyway. No need for them, the table "deprecated" for data types will be removed.** **Agreed. Could be changed in the future when we have more experience on this.** **How to proceed: no need for a CR. Ultan will produce a new version, and the editors will be in charge of maintaining it.**	

		449			**Comes from the discussion of 423, where it was decided that to support backward compatibility it is required for the client to indicate the required version to the server. A datatype capturing this version is therefore required. Furthermore an exception is required to deal with illegal version numbers. This contribution proposes the addition of type TpVersion that maps to a TpString with additional syntax, and of the exception (P_INVALID_VERSION)).** **Comment: the version numbering is too detailed, and on things that may change.** **Answer: agreed, details (everything after "!") will be removed.** **Comment: a drawback of this is that SCSs need to register in the Framework all versions they support, distinguishing 3GPP, Parlay and ETSI. Or the Framework could have aliases and be in charge of deciding which ones are equivalent.** **Answer: for registration a string set is used, so several versions can be registered at the same time. This could be used for registering equivalent versions. Note that only the SCS side knows what versions are equivalent, so it is up to the SCS to use this knowledge – otherwise if for instance an SCS only registers an ETS version, and then an Application requests the equivalent 3GPP version, the Framework will not know they are equivalent and it will get a negative answer. Note that the equivalence cannot be embedded in the data type because it would be necessary to keep on updating it.** **Comment: the table Framework or SCF identification is not necessary because an SCS is registered against a certain service type, so it is redundant.** **Answer: agreed, it will be deleted.** **This information should be included in each specification. We need to decide how.** **Agreed with the above changes. Will be revised into 468.**	

		468			**Exclamation mark should be removed, examples still contain the service indication, should be updated to 513**	
		513			**For email approval.**	

!		436	White Paper on Discovery and Backwards Compatibility	Andy Bennett (Lucent Technologies)	The intention of this document is to explain capabilities of the Parlay/OSA Framework that relate to and support service backwards compatibility and version migration. Discovery via the Framework allows a Client Application to select the service which supports a compatible version of the APIs. Event Notification allows the Client Application to be informed of new versions of a service supporting new, or even previous versions of the APIs. There are a number of limitations on this functionality which may require the specifications to be updated Scenarios have been included to show the use cases of the FW functionality. ?? Registration Scenario showed that Service Property for Service Version is not yet defined. Question on whether the scenario shows two different SCFs. Answer, not necessarily, but should be clarified in the sequence. ?? Event Notification scenario. ?? Question on the Service Supplier, is it an external domain than the Framework operator. Answer: In principle the Service Supplier is the logical entity that registers the service. It could be the service registering itself. In Parlay 2.1 the registration interface is on Reference Point 5, between the FW and the Service Supplier. In case we consider the service supplier as a different domain as the service there might be security problems. ?? Question on whether it should be the same application that gets informed of a new version and the one that does the discovery. For migration purposes it might be the case there it is some logic in an appserver watching for new versions, usually it will not be the running applications using a service. ?? Is the assumption that the FW is checking SLA's so it knows which applications to inform of new versions? Answer, might be, not in this sequence, is implementation. 1. Using the current set of service properties there is no means for the Client to select a service based on which Application-side interfaces the	

		446			Update of 436, Not available, will be provided via e-mail.	
6	OSA version 1.1 / Rel. 4					
7	OSA version 2 / Rel. 5					
7.1	Requirements					
7.1.1	Input from SA1: OSA and VHE requirements					
7.1.2	ETSI SPAR					
7.2	PAM					
		353	Draft ES 201 915-14 v.0.0.3 PAM Updated	Ultan Mulligan, ETSI PTCC	Update after Sophia meeting. Document is based on version made by Guda, where he added the agreed changes manually. Noted.	
		354	Draft TS 29.198-14 v.1.0.0 - 3GPP PAM	Ultan Mulligan, ETSI PTCC	Update after Sophia meeting. Document is based on version made by Guda, where he added the agreed changes manually. Noted.	
		433	29.198-14 PAM: removal of references to TS 22.141	Nokia (Matti Saarenpää)	Proposal to remove references to the Presence Service Requirements based on the fact that Presence Service will not be part of Rel.5 Question is it only applicable for 3GPP spec. Answer: should be applicable for both. Suggestion that the reference should be changed to a more general phrase that it is inline with ongoing work on presence in 3GPP. This will be in one place in the text and will be included in an updated version. (450)	

		441	**PAM editorial updates**	**Guda**	**In CN#17 at Sophia, it was agreed that some of the changes to the text in the specifications were to be handled by off-line discussions.** **This document reflects outcome of the discussions.** **Document is the 3GPP version. Some changes are also applicable for the ETSI/Parlay version, like the order of the interfaces and the AssignmentID changes. Guda will indicate to Ultan what is applicable for ETSI/Parlay as well.** **Question on whether functionality has been removed in 8.1.2. Answer: no but certain information cannot be obtained in 3GPP. Suggestion to make the text that has been removed now more generic so that it applies to both 3GPP and Parlay/ETSI specs.** **Changes in 11.2.3 also apply to the Parlay/ETSI specs. There should be no difference in the datatypes between the 3GPP and Parlay/ETSI Specs. Note on DefaultValues in 11.2.3 should be updated: "nterpreted" instead of "interpreted".** **8.2.1: This is a correction of an update where suggestion was to replace ClientIDs with assignmentIDs. By mistake all IDs were replaced with assignmentIDs.** **Other identified change needed but not reflected in the document was to have as first interface for all of the SCFs the manager interface.** **It was pointed out that for updated document the official V1.0.0 spec should be used. For future reference (any SCF) it is noted that the last available drafts can be found at the 3GPP server at (ftp://ftp.3gpp.org/Specs/Latest-drafts/ & ftp://ftp.3gpp.org/TSG_CN/WG5_osa/latest_drafts/)** **Guda will provide update and indicate what is relevant for 3GPP and Parlay/ETSI. (451 and 450)** **Text in Annex A should be updated (name of ZIP file is missing). This should be done when v2.0.0 is created by Ultan / MCC.**	

		450			One event in 4.4.5 added as a result of the discussion in 441, also now in the superset in ETSI/Parlay version. Approved. Annex B with Java realisation as proposed by 373 has not been added to the PAM spec. Will be updated to 509, provided via e-mail.	
		509			Intermediate update, taking into account updates listed in discussion of 450. Final version will be produced from the UML, 516.	
		516			Final version of the document, produced from the UML model.	
		451			Approved. However, 4.4.4 still contains reference to 3GPP Presence: should be removed. Annex B with Java realisation as proposed by 373 has not been added to the PAM spec. Will be updated to 510, provided via e-mail.	
		510			Intermediate update, taking into account updates listed in discussion of 451. Final version will be produced from the UML model and supplied to the Montreal meeting.	
7.3	Call Control					
7.3.1	3GPP IMS related Call Control					
		352	3GPP TR 29.998-4-4 V0.3.1 (2002-04)	Lucent Technologies (Xin Chen)	Revised to 355 before the meeting.	
		355	Draft 3GPP TR 29.998-4-4 V1.0.0	MCC	This is a cleanup by MCC of 352. Should be the base for further contributions.	

		405	More Rel-5 (OSA2) CR 29.998-04-04 Various Changes	Lucent Technologies (Musa Unmehopa)	Proposal to add more references to IETF drafts. Furthermore, editor notes have been removed. Table 5-39: shouldn't it be superviseRes instead of superviseReq and also for the specific case that the supervision treatment is set to Release Call. Proposal not accepted, Ericsson will come with new proposal. 5.4.1. There are reponses that don't map to createAndCallLegErr. Suggestion to use a footnote directing the reader to the table below the figure that contains all specific cases. Table 6.6: P_CALL_ERROR_UNDEFINED, should not be used for "All other 4xx, 5xx, 6xx responses not listed in the table", see previous issue." New proposal needs to be drafted. TargetAddress in table 5.60 and table 6.4: Remark should be more clear that the incoming data from the originating INVITE is copied if present. Musa will do update. Question if the P_CALLED_PARTY-ID is new SIP header? Answer based on 24.229 indicates it is a new header. Pointed out that Table 6.4: callAppTeleService is now mapped to SDP. However this is different usage than is done with INAP/CAMEL. More elaboration is needed on this. Other issues, already discussed in Sophia: currently the SIP CallID maps to the OSA CallID. Maybe should be mapped to CallLegID in which case the IDs can be used from the network. However, for the API there is no difference. Approved with agreed changes.	

		406	More Rel-5 (OSA2) Changes Against 29.998-04-04 Section 6	Lucent Technologies (Musa Unmehopa)	Additional remark for P_CALL_EVENT_ORIGINATING_CALL_ATTEMPT_AUTHORISED should be deleted as the authorisation is done in the network, not by the application. Question on the mapping for TpAddress: Presentation and Screening are now proposed to be mapped to Remote-Party-ID. Is this really correct as presentation and screening are not addresses? Matti will consult CN1 delegates. Approval pending based on the outcome of Matti's investigation.	
		407	Various changes against annex of TR 29.998-04-04	Lucent Technologies (Musa Unmehopa)	<u>Section on filtering:</u> "the criteria based on which the S-CSCF shall send the SIP initial request to the application server." Application server should be rephrased to SCS. "Then the application server can decide whether to be in the path of all the subsequent SIP messages of this dialog or not." Application Server should be replaced with Application. Approved with indicated changes.	
		408	Advancement of 3GPP TR 29.998-04-04 to Version 2.0.0	Lucent Technologies (Musa Unmehopa)	Withdrawn. However, document in version 2.0.0 should be available 28th of May.	
		409	Implementation of agreed change from Sophia to ISC mappings	Lucent Technologies (Musa Unmehopa)	Approved.	
7.3.2	Other Call Control issues					
		362	Support for Emergence Telecommunications Service	Telcordia	Updated to 438 before the meeting	

		438	**Support for Emergence Telecommunications Service**	**Telcordia**	**Should be Emergency in stead of Emergence. Adrian will update the title in the CR header and reasons for change.** **Question whether the LS from SA3 on Lawfull intercept is leading to impact on this CR. Pointed out that the functionality behind the ETS has nothing to do with interception.** **Comment that this change only addresses part of the ETS requirements. It is targeted only at Call Control, and there is no mapping provided now.** **For the CAMEL Service Environment the new property should be put to FALSE (No support). Ard-Jan will inform John-Luc about this and most likely an update of the Service Property contribution (417) is needed.** **Approval pending, based on John-Luc's answer. Updated to 453.**	
		453			**Approved, see discussion on 460**	
		460	**Response email *****	**Telcordia**	**Emergency instead of Emergence: agreed.** **Impact of LI: confirmed that there is no impact.** **For the CAMEL Service Environment the new property should be put to FALSE (No support): agreed.** **Therefore 438 is approved.**	

		397	Support for Network Controlled Notifications MPCC	Koen Schilders (Ericsson)	Update of document presented at Sophia, taking care of all comments and also already provided over e-mail for further review. No further comments received so-far. Question: is it possible to get the preset notifications by means of getNotifications. Answer: this should be possible. Question: can one make changes to pre-set notifications. Answer: No. Concern about BC. Pointed out that from IDL point of view this is Backward Compatible. Pointed out that also the level of BC should be indicated. Concern about whether this not better be put on a management interface, i.e. a generic service manager instead of having them on specific service managers. Noted that when the events are connected to a certain SCF, they should be on the specific SCF. The events addressed here are pure call control triggers. Also pointed out that CAMEL (AnyTimeModification) does not allow provisioning of triggers in the network. So the current functionality with createNotification would not work anyhow. Maybe there will be additional management implications that we haven't considered yet. Suggestion could be that an additional management interface could be an option. However, it is noted that there is a mechanism in the Framework that should be enhanced when more general events are concerned. Maybe name should be changed. Description of enablePreSetNotification should be more clear and reflect the fact that notifications can also be added later. Apart from the new description the contribution is approved. Updated to 454	

		454			**Update of 397.** **The following changes have been made:** ?? **Method names have been changed to enable/disableNotifications.** ?? **Sequence diagram: since it is not recommended to use both network and application provisioned notification mechanisms by the same application, this has been removed.** ?? **assignmentID has been removed from disableNotifications because it is not necessary.** ?? **It has been specified when a method only applies to notifications created with createNotification.** ?? **Clarifications have been added to the description of enableNotificaitons and disableNotifications.** ?? **Service properties for the CAMEL SE have been changed.** **Concern that the name may not be the best, and thus it would be useful if the sentence that explains that they refer to notifications that are not set using createNotification were in an independent paragraph.** **In general there is the concern that we should find a better way to prevent that there is a misunderstanding about the different sets of notifications. But there are no concrete proposals at this time. Agreed to approve this contribution and think about it: it a better proposal is presented we'll make a CR. This should happen ideally before the end of this week, so it's ready for the CN plenary; otherwise last chance is for Montreal, so it's ready for Parlay 4 and can be CRed next CN plenary.** **Approved.**	

		402	**Changes to getNotification()**	**Koen Schilders (Ericsson)**	**Update of document in Sophia, already send over e-mail.** **Related to 397, what happens if notifications are added in the network, the list might be endless? Concluded that we should not allow getNotification for preset notifications.** **Pointed out that some of the semantics are not defined yet, e.g. what if application does not set reset to TRUE for the initial request or what happens if there are no notifications set and getNotification is invoked.** **Updated to 458**	
		458			**Modified according to the discussion above; text has been added that explains the behaviour when ambiguous.** **Comment: we had agreed not to allow getNotification for preset notifications.** **Answer: this is part of 454.** **Comment: use of the expression "method call", which contains "call".** **Answer: will be changed to "invocation". Ard-Jan will make the revision: 461.** **Approved with this change.**	
		461			**Approved.**	

		403	Correction to TpCallChargePlan	Koen Schilders (Ericsson)	This contribution was approved, but it is a change that is not backwards compatible. Discussions have taken place with the Parlay TAC on what to do with cases like this: essential changes that are not backwards compatible. Suggestion that these changes are done in Parlay 4, while a new document is added to Parlay 3.1 that documents the changes needed. This proposal has been brought to the BoD, together with the request for a green light before the end of next week so the essential changes can be brought to the CN plenary for Rel5. After email discussion, and discussions in the meeting, it is not clear if the proposed process is the best to deal with essential corrections like this one (a service cannot be charged!). They should be brought as CR to Rel4 as well. But this would destroy the alignment between 3GPP and Parlay/ETSI. The motivation of Parlay is to convey a message of stability to the market. The motivation of 3GPP is to correct essential errors that may endanger the performance of systems already deployed in networks. It is also pointed out that if we do interoperability trials then we need to be able to correct the issues that will surely be identified – otherwise our specifications are worthless. It is noted that the 3GPP process also allows not maintaining old versions if desired. The issue is: do we want to maintain Parlay 3 specs, and 3GPP Rel4 in parallel with Rel5, or do we let each document have its own life? Conclusion: the meeting agrees that we do want to maintain older API versions. We need to refine the proposal to the BoD. A small group will be set up for this: Ard-Jan, Chelo, Musa, Anders, Andy, Richard, Gary, Ultan and Adrian. A lunch drafting session will take place today. Back to the contribution, question: is this an isolated case, or does it happen in other unions in the	

		412	**Explicit exception for continueProcessing when not in interrupted mode**	**Ericsson**	**Currently it is not clear in the spec that continueProcessing should only be used when a call leg is in suspended mode (ie an event has been reported to the application and the call session is waiting for instructions). This contribution proposes to add additional text in the specification that exception "Invalid_Network_state" should be raised when application invokes continueProcessing while the network is not waiting for instructions.** **Agreed that this change is only done for Rel5, because it is only a clarification (and otherwise it would need to be changed in Parlay 3.1 as well).** **Contents approved, pending discussions on header. Updated to 474**	
		474			**Approved.**	
		413	**Clarification on announcements to one call leg**	**Ericsson**	**In case the application wants to play an announcement to or get digits from one one party in the call, it can add one callLeg to a UICall object. However, it is not clear from the spec that the CallLeg should be detached from the Call so that the party corresponding to the specific CallLeg is the only one to get the announcement. This contribution proposes to add a clarification to indicate that a CallLeg should be detached before user interaction can be accepted.** **Question: does this apply also to getting more dialled digits?** **Answer: no, it doesn't apply.** **Comment: "Proposed change affects" does not have any box chose, and it should be CN. This probably applies to other Ericsson CRs. Adrian will clean them up.** **Contents approved, pending discussions on header. Updated to 475.**	
		475			**Approved.**	

		414	Clarify that supervision will be ended when call or callLeg is deassigned	Ericsson	Currently it is not clear what will happen with supervision when a call or call leg is deassigned. When a call / call Leg is deassigned, the relation between the application and the object is removed and thus also no supervision reports can be sent to the application. Therefore, it should be clarified in the spec that all supervision will be ended when a call or call leg is deassigned. This contribution proposes that additional text be added to indicate that supervision treatment will be stopped when call or callLeg is deassigned. Contents approved, pending discussions on header. Updated to 476	
		476			Approved.	
		415	Supervision duration clarification	Ericsson	Currently it is not very clear what granted connection time is when a supervision request is issued. There is an indication in the description of superviseReq, but it would improve the specification is it is made more explicit what is meant by connection time. This contribution proposes adding some text indicating that supervision connection time will be started when the call is answered. Comment: the title should not be “clarification” because this would apply an editorial CR. This applies to other CRs as well. It will be changed Contents approved, pending discussions on header. Updated to 477.	
		477			Approved.	
		416	Detach/Attach request while pending Attach/Detach request clarification	Ericsson	Currently in the spec it is not clear what an application can expect when it invokes a detachMediaReq / attachMediaReq while there is still an outstanding attachMediaReq / detachMediaReq. This contribution proposes additional text in the description of the method detachMediaReq and attachMediaReq that when application invokes these methods while there is still a request outstanding the exception “P_TASK_REFUSED” is raised. Contents approved, pending discussions on header. Updated to 478.	

		478			Approved.	
		417	Updated CAMEL Service Property values	Ericsson	Now that CAMELv4 is ready, also the Service Property values for this service environment should be added in the spec. In addition, some values for the event names in the CAMELv3 Service Property values for MultiParty Call Control were found to be incorrect. This contribution proposes Service Property values for CAMELv4; a few errors in event names (some values for the event names in the CAMELv3 Service Property values for MultiParty Call Control) are corrected as well. Comment: there are footnotes, which are forbidden and should be made part of the main text. Comment: if some CAMEL3 service properties were found to be incorrect, then there is a need to correct them in OSA Rel4. Contents agreed. Two new CRs are needed: one for Rel4, correcting CAMEL3 service properties errors, and one for Rel5, adding CAMEL4 (no need for correcting the CAMEL3 properties here because OSA Rel5 will be based on OSA Rel4, where due to the former CR this will be corrected). They will be respectively 464 and 465.	
		464			Approved.	
		465			Approved.	

		418	**Clean up of Multi-Party Call Control properties**	**Ericsson**	**In Parlay 3 / Rel.4 the inheritance between Multi-Party Call Control and Generic Call Control was broken in order to freeze GCC and further develop MPCC. The service properties defined for GCC were still considered to be valid for the MPCC as well and therefore in the section on MPCC service properties only additions to the ones defined for GCC are listed. However** **?? the P_NOTIFICATION_TYPE (originating / terminating) of the GCC service properties does not apply for MPCC as the notification type is now contained in the event type itself.** **?? for the P_TRIGGERING_ADDRESS service property in MultiMPCC it is not strictly defined which of the notifications apply to originating numbers and which of the notifications apply to terminating numbers.** **?? The property P_MEDIA_ATTACH_EXPLICIT is redundant and was meant to specify some default, but the connectionProperties parameter in the routeReq is not optional and the only supported values are explicit/implicit, so there is no need for a default and in createCallLegAndRouteReq the behaviour is already defined as implicit attach.** **?? The P_ROUTING_WITH_CALLLEG_OPERATIONS property indicates whether createAndRouteCallLeg is supported and/or whether createCallLeg and routeReq can be used, but this is already expressed as part of the P_OPERATIONS_SET. Duplicating this info leads to potential inconsistency.** **This contribution proposes:** **?? To have all properties relevant for MPCC listed in the section on MPCC service properties? LEAVING OUT the P_NOTIFICATION_TYPE.** **?? To add a table clarifying which of the notifications apply to originating and which apply to terminating numbers.** **?? To remove P_MEDIA_ATTACH_EXPLICIT** **?? To remove P_ROUTING_WITH_CALLLEG_OPERATIONS.** **This change is proposed for OSA Rel4 (and Parlay 3.1) as well as OSA Rel5 (Parlay 4). But it is not a problem that will make applications not work. Besides we have not mandated so far the behaviour with respect to properties (we haven't defined service types yet), so this has no impact on applications.**	

		479			**Approved.**	
		419	**Introduction of indication whether SCS supports initially multiple routeReqs in parallel.**	**Ericsson**	**Not all networks support that at application initiated call setup initially multiple destinations are probed. Therefore, it would be good to note developers of the fact whether a certain SCS supports this or not. This contribution proposes to add a note to the description of the routeReq method, and an additional property to the Multi-Party Call Control properties.** **Comment: an exception P_TASK_REFUSED when the application requests to route an additional leg in parallel.** **Answer: agreed, it will be added.** **Approved with this change. Update will be 466.**	
		466			**Update of 419.** **Approved.**	

		420	Adoption of MMCC and CCC APIs	Ericsson	This CR proposes to add The existing APIs for Multi-media call control and Conference call control are added to the 29.198-4 (Call control SCF), because MM is in our requirements for Rel5, and for CCC it is good to have alignment between specs, since it gives us both a new marketing channel and a source of feedback. We the JWG know they are not as stable as the MPCC, but we'd like 3GPP to see them. Comment: sequence diagrams seem to be missing. Comment: CCC is not stable; the mapping to CAMEL has not been specified yet, and some things cannot be mapped. There are features at different abstraction, or functional level, which are fixed together at the moment. There are some redundant features as well. Agreed that it is a bit premature to have these parts under change control in June. The best solution would be to present it as version 1.0.0 in June. This cannot be done now because we have all CC in once: one CC, different flavours. We could split the different flavours in different parts. This would be in line with the fact that we measure stability at an SCF level. Beside if we do it we have to do it now, asap, so we can implement the Parlay mandates for stability as soon as we have the rules. There is another case, Mobility, where we have more than one SCF in one document. But it has been stable for a while, and besides all the SCFs share the same data types – and this does not happen in CC. Part 4 stays as such, but subdivided in subparts: common data types would be a subpart of their own. For GCC, it was decided in Antwerp that it would be kept for one more release and delete it for future releases (starting in Rel5), for both 3GPP and ETSI. Agreement to split CC, both for the 3GPP and ETSI documents. For MMCC: we promised to raise it to Rel5 on June. No objections to send it to the plenary. But we need to send out a version 1.0.0 to the CN mailing list, as we did with the other three parts, asap.	

		515				
		437	Update of N5-020247 proposed text	Andy Bennett (Lucent Technologies)	This is an update to N5-020247 to include the comments noted during the discussion of that contribution in Sophia Antipolis (Meeting #17): Proposal to add mapping for “Unsupported Media Type” in the release cause. Description of the new release cause seems to indicate that there was a problem with the format of the requested media. It needs to be updated to reflect also the fact that the media was not supported. Not clear what part of the specification this is intended to. Agreed that it is for the MPCC Common Data definition. Approved. A CR needs to be created: number 463.	
		463			For e-mail approval.	
7.4	WSDL/SOAP/XML APIs					
		360	29-198-01_WSDL_inclusion	David Tweedie (Nortel Networks)	This contribution proposes some text for the Part 1 of the specification to have WSDL recognised as another realisation of the API. An Informative Annex will specify how the WSDL is created based on provided mapping from UML. Comment: it should not be category D but B (new functionality). Adrian will change it. Comment: clause 11.1 mentions some tool vendors. David will removed them (440). Also references 14 and 25 mention company products. It is noted that other references are incorrect (for example WAP). Ultan will prepare a CR correcting all references (442). It is noted that the same problem occurs in the IDL section. It will be changed in 442.	
		440			Approved.	

		442			Pointed out that there are most likely other references used and that some of the current references are not used. Ultan will further investigate this can come with potential updates. Question whether the indication of the release is needed. Answer: all 3GPP specs need to be consistent set, so a reference to a spec is always to the same release and this is self-contained so the release indication is not needed. Update needed to remove release indications, 506 for e-mail approval.	
		506			For email approval.	
		388	Support for WSDL Realisation in Part 2 of OSA	David Tweedie (Nortel Networks)	In order to acknowledge WSDL as an alternative technology to realise OSA, this contribution proposes that an Annex B (informative) be inserted which is entitled “W3C WSDL Description of …” Comment: category will be changed to B by Adrian. This applies to all the other parts as well. Approved.	
		389	Support for WSDL Realisation in Part 3of OSA	David Tweedie (Nortel Networks)	Approved.	
		390	Support for WSDL Realisation in Part 4 of OSA	David Tweedie (Nortel Networks)	Approved.	
		391	Support for WSDL Realisation in Part 5 of OSA	David Tweedie (Nortel Networks)	Approved.	
		392	Support for WSDL Realisation in Part 6 of OSA	David Tweedie (Nortel Networks)	Approved.	
		393	Support for WSDL Realisation in Part 7 of OSA	David Tweedie (Nortel Networks)	Approved.	
		394	Support for WSDL Realisation in Part 8 of OSA	David Tweedie (Nortel Networks)	Approved.	

		395	**Support for WSDL Realisation in Part 11 of OSA**	**David Tweedie (Nortel Networks)**	**Approved.**	
		396	**Support for WSDL Realisation in Part 12 of OSA**	**David Tweedie (Nortel Networks)**	**Approved.**	
7.5	**Framework**					
		345	**I**nterface Changes for Keeping Subscription Information Consistent	**FTW**	**Reworked contributions N5-020078, N5-020223 (Interface Changes for Keeping Subscription Information Consistent): the client application may be assigned to a service only through a single service profile at a particular moment in time. (It may actually be assigned through any number of non-concurrent service profiles.) This condition may be violated when performing addSAGMembers() and assign() method calls. Exception messages, which are used with these method calls are not well suited for standardized communication between the enterprise operator and the framework. For ensuring full interoperability between different enterprise operators and different frameworks, well structured exception messages are needed.** **This contribution was approved in Sophia except or some modifications, which have been done with one exception: we don't have other exceptions that include other than TpString. A proposed solution is to use standard exceptions (with a simple string) and have applications call a "get" method to get the information associated to the exception.** **These exceptions are part of the Framework data, so we need a CR. For the rest we don't, because it is not part of 3GPP. It is intended for Parlay 4.** **Will be revised into 470.**	
		470			**This CR adds the exception to the Framework.** **Approved.**	

		357	Framework Evaluation Presentation - update corresponding to the presentation at CN5~17 in Sophia (N5-020289)	Telenor (Tønnes Brekne)	It is noted that we need to address these issues and solve them. Noted.	
		364	Removal of Redundant Type Definition of TpServiceSpecString	Lucent Technologies (Musa Unmehopa)	Approved by email.	

		411	Re-obtaining the reference to the Service Manager	Ericsson	At this moment it is not possible to re-obtain a reference to the service manager of an SCF an application is using. However, in case an application has lost the reference to the Service manager e.g. due to a crash, without the SCS being aware of this, it should be possible for the application to re-obtain a reference to the Service manager. This contribution proposes to remove the part of the description in method SelectService that says that an exception will be thrown when an application invokes the signServiceLevelAgreement method more than once, and add text to the description of signServiceLevelAgreement saying that this method can be used to re-obtain reference to Service Manager. Question: is it possible that this opens security issues? Answer: if the application crashes, then when re-started it will authenticate again. Question: couldn't this be solved by the middleware? Answer: this is not up to the middleware but to the application to store the necessary references. Question: but isn't a re-started application a different instance if the application, and thus should get a different service manager reference? Answer: the correspondence is between service manager instance and Application ID, and not instance. Comment: the application, when re-started, has no guarantee that the service manager is the same. In order to make this recovery mechanism reliable it has to be elaborated further, because there are other things to take into account. Therefore this contribution cannot be approved as it is. Not approved.	

		421	Problem with appUnavailableInd() in scenario with multiple service sessions per access session	Lucent Technologies (Musa Unmehopa)	Since the method call IpAppFaultManager:appUnavialableInd() does not pass any parameters to the client application, there is no way for a client (who has multiple service sessions) to determine which service session is in jeopardy. If a client application signs two or more service agreements (different services) using the same access session, when the framework calls the clients appUnavailableInd() method, the client will not know which service is at risk. The most obvious and straightforward solution would be to add a parameter serviceID to the interface of this method, but that would not be backwards compatible. An alternative is to add a new method with the parameter included and add a note to the appUnavailableInd method to say that it is deprecated but could be used in the case where the Client has only one service session. This contribution is a CR that implements this proposal. Comment: the “new” tag is missing in the new method. Question: is this necessary for Parlay 3.1? Answer: no because, although it is a big limitation, it does work - if there is only a service session per access session. Comment: the title is not very good. Comment: it should be made clear why we’re not changing this for Rel4. Answer: we need to state that there is only a clumsy solution for Rel4. Comment: there are two versions of the method name. After some discussion it is decided that the clumsy Rel4 solution is not good, and therefore this should be a CR to Rel4 too, the method will be modified instead of deprecated, and there will be no mention of the Rel4 solution because we don’t want it to be used. Will be revised into 471.	

		471			Update of 421. Approved.	
		469			This contribution adds types and modes for generic service properties (previously they were only defined for Operation Set). Comment: Supported interfaces and Operation Set: should they both be both read only and mandatory? It means it cannot be changed when defining the profile in subscription according to the SLA. We typically use read only for properties like the service version, which will not be changed. Decision: to discuss this by email. Most likely it will not be ready for the June plenary.	
7.6	Policy Management					
		350	Draft ES 201 915-13 v.0.0.4 Policy Mgt Updated	Ultan Mulligan, ETSI PTCC	Specification updated after the Sophia meeting. It implements all the agreements in Sophia. The interfaces have been re-ordered to match the order of the last draft from the Parlay PM WG. The class diagrams need to be reworked a bit, so they reflect better the inheritance structure that is already explained in the text, so this is not a key issue for 3GPP and it could be done any time with a CR.	
		507	Update of 350		Will be provided via e-mail	
		351	Draft TS 29.198-13 v.1.0.0 - 3GPP Policy Management	Ultan Mulligan, ETSI PTCC	This is the document which has been distributed to the CN mailing list. Except for the front page, it is identical to 350, because there are no differences in Policy Management.	
		508			Will be version 2.0.0 and provided via e-mail	

		365	Implementing approved Policy Management changes from documents N5-020279 and N5-020299	Lucent Technologies (Musa Unmehopa)	This contribution presents the required changes, reflecting the agreements from the Sophia meeting, in 3G TS 3GPP TS 29.198-13 V1.0.0 (2002-04), which was sent to the CN plenary for information. Summarized, these approved changes were: ?? Include the Policy Management Information Model (Rational Rose source). See modifications in section 6. ?? Update the description of the Role and Ownership attributes in the IpPolicyDomain interface. See modifications in section 8.3.1 ?? Update the description of IpPolicyDomain::createVariableSet() to clarify the meaning of “dynamically uploaded”. See modifications in section 8.3.26. ?? Update the description of IpPolicyDomain::generateEvent() to clarify the difference between attributes 'in the definition' and attributes that are 'supplied'. See modifications in section 8.3.23. Note that these changes were already agreed at the Sophia meeting. Approved.	
7.7	Other APIs					
7.7.1	Content Based Charging					
		358	Support for interactive authorization of payments (“User Confirmation”)	Siemens	This is one of the contributions, already approved, which needed to be approved in CR format. Approved.	
		359	P_MAX_ADDRESSES_PER_QUERY Service Property for Account Management	David Tweedie (Nortel Networks)	This is one of the contributions, already approved, which needed to be approved in CR format. Approved.	
		361	Support for Split Charging feature	Siemens	This is one of the contributions, already approved, which needed to be approved in CR format. Approved.	

7.7.2	**Terminal Capabilities**					
7.7.3	**Journalling**					
7.7.4	**Information Transfer (Rel. 6)**					
7.7.5	**Information Services (Rel. 6)**					
7.7.6	**Others**					

		346	Reworked N5-020077 (HK Meeting, CCM Support)	FTW	This document is meant to serve as an outline for further investigations and discussions amongst the Parlay members on the definition of a Corba Component Model (CCM) representing the Parlay APIs The document contains an overview of benefits for using a CCM, an overview of the CCM, how it could be used for Parlay/OSA. Some small examples have been provided and one approach would not have an impact on existing API. Questions: Isn't CCM a way of modeling, what does it offer ? Answer: it would offer support for standardised CCM in case vendors would like to offer it. What would be a Framework component? In principle for each interface there would be a component, except for maybe the HeartBeat, for which there is an example in the document. Can CORBA take over certain functionality e.g. current factories ? In principle the answer is yes as there exists something called Home. So one option is to do a redesign of the UML and another option could be that only to the IDL new definitions are added. For getting to use this model, we might rethink some of our interfaces. However, it seems multiple approaches are possible, from redesign to no-impact. What is IDL3 and CIDL ? How would it impact current IDL ? CIDL is the definition of the CCM. IDL3 is the most recent IDL standard provided with CORBA 3. Maybe the CIDL does not need to be standardised as it also shows some implementation, e.g. what components should be persistent. Applications could use IDL3 or CIDL, CIDL is similar to EJB (Enterprise Java Bean) definition. Would it be possilbe to use a CIDL definition without any impact on current API ? Might be possible. You can see it as separate realisation and a rule book could be used. What kind of tool support is there for CCM. It seems not very much at the moment. And what about products	

		363	Data types TpStringList and TpStringSet are not defined in common data	Lucent Technologies (Musa Unmehopa)	Approved by email.	
		366	Support for Java API Technology Realisation in Part 1 of OSA	Sun Microsystems (Gary Bruce)	Approved by email.	
		367	Support for Java API Technology Realisation in Part 2 of OSA	Sun Microsystems (Gary Bruce)	Approved by email.	
		368	Support for Java API Technology Realisation in Part 3 of OSA	Sun Microsystems (Gary Bruce)	Approved by email.	
		369	Support for Java API Technology Realisation in Part 4 of OSA	Sun Microsystems (Gary Bruce)	Approved by email.	
		370	Support for Java API Technology Realisation in Part 5 of OSA	Sun Microsystems (Gary Bruce)	Approved by email.	
		371	Support for Java API Technology Realisation in Part 6 of OSA	Sun Microsystems (Gary Bruce)	Approved by email.	
		372	Support for Java API Technology Realisation in Part 12 of OSA	Sun Microsystems (Gary Bruce)	Approved by email.	
		373	Support for Java API Technology Realisation in Part 14 of OSA	Sun Microsystems (Gary Bruce)	Approved by email.	
		374	Repetitive description of P_APPLICATION_NOT_ACTIVATED	Sun Microsystems (Gary Bruce)	The description of P_APPLICATION_NOT_ACTIVATED in this Part 3 is in conflict with Part 2 (29.198-2). The IDL only defines P_APPLICATION_NOT_ACTIVATED in Part 2. This contribution proposes to delete the description of P_APPLICATION_NOT_ACTIVATED in Part 3. Comment: the title is not good. It will be changed to “Delete…”. Adrian will update the front page. Approved with this changes, update will be 472	
		472			Approved.	

		375	Repetitive description of P_APPLICATION_NOT_ACTIVATED	Sun Microsystems (Gary Bruce)	The description of P_APPLICATION_NOT_ACTIVATED in this Part 6 is in conflict with Part 2 (29.198-2). The IDL only defines P_APPLICATION_NOT_ACTIVATED in Part 2. Descriptions of other exceptions, given in the method clauses, are duplicated. This contribution proposes to delete the description of P_APPLICATION_NOT_ACTIVATED in Part 6; also to delete descriptions of other exceptions, given in the method clauses. Comment: in extendedLocationReportReq(), the return parameter has been deleted by mistake. This will be corrected. Approved with this change. Will be updated to 473.	
		473			Approved.	
		376	Improved description of some of the exceptions	Sun Microsystems (Gary Bruce)	This contribution proposes some improvements on descriptions of some exceptions in the common part, as well as tidying up some of the wording. Comment: some changes are not editorial, like changing applicable to mandatory. Comment: TpCommonExceptions is nor really mandatory, but rather applicable to all methods. Answer: agreed, it will be changed back the way it was. Question: why the change in the title of 5.4.4? Answer: agreed, it will be put back the way it was. Comment: the sentence added to P_INFORMATION_NOT_AVAILABLE does not reflect its meaning. Same for P_UNKNOWN_SUBSCRIBER and P_APPLICATION_NOT_ACTIVATED. They come from SCF Mobility, where they used to be but are not anymore. Answer: agreed to undo all changes proposed for 5.4.4. After this the contribution does not contain so much. Withdrawn.	

		377	Improved description of P_ID_NOT_FOUND	Sun Microsystems (Gary Bruce)	Approved.	
		378	P_INVALID_CRITERIA and P_INVALID_COLLECTION_CRITERIA	Sun Microsystems (Gary Bruce)	Suggestion to replace a current exception with a more generic exception. If we should depricate an exception, it should be the the more generic one as we should be as precise as possible. Should we really for such small change adopt a new method ? During earlier discussion on BC it was pointed out that it should be possible to remove an exception without impact on applications using the existing specification. As this is not an essential correction, the change should not be done for Rel4 / Parlay 3.1. Conclusion: the more generic exception INVALID_CRITIRIA will be removed. Updated to 481.	
		481			Approved.	
		379	Deprecation of P_SET_LENGTH_EXCEEDED	Sun Microsystems (Gary Bruce)	In case exception is not used, we could delete it as well. Updated to 482	
		482			Approved.	
		380	Removal of Microsoft-IDL from the spec	Sun Microsystems (Gary Bruce)	Should be category F, Reason for change should be rephrased to “M-IDL is not used in the specifications”. Adrian will do the update 483	
		483			Approved.	
		484			The text in the note “should not be used in the future” should be changed to “should not be used”. Updated to 511.	
		511			For email approval.	

		381	Deprecate P_ADDRESS_PLAN_MSMAIL	Sun Microsystems (Gary Bruce)	The current number in the enumeration could be reused. However, strongly recommended to keep it and change the existing note to “not to be used”. First modification can be deleted without any deprecated mark. Category should be F. Updated to 484	
		382	P_SERVICE_INSTANCE in TpDomainID	Sun Microsystems (Gary Bruce)	Addition in the logbook to outline that there is an error and that it will be corrected when BC allows it. Concern that we should not do this as it might lead to interoperability problems because developers will find the document and might thus implement applications in a wrong way. Question whether the logbook is useful at all. Suggestion to put clarification in the description of the data-type or in the methods using the datatype. Additional text: the choice element name ServiceID refers to a service instance. Update to 485 in CR format.	
		485			Approved.	
		383	TpAssignmentID in Mobility	Sun Microsystems (Gary Bruce)	Suggestion to change it in the specification, as the base datatype is the same (TpInt32) and the context of uniqueness is the same. Conclusion is that it should be changed in the spec. and a CR is needed, 486	
		486			Approved.	
		384	Additional service properties in MPCCS	Sun Microsystems (Gary Bruce)	Not available in the meeting. Withdrawn.	

		385 **LATE**	**Scope of TpSessionID**	**Sun Microsystems (Gary Bruce)**	**In addition to already agreed changes there is a proposal to add that assignmentID and sessionID are at least unique within the context of their current definition.** **Title should be rephrased to "revise the scope of ...". Adrian will do the update 487.**	
		487			**Approved**	
		386	**P_ID_NOT_FOUND in User Interaction**	**Sun Microsystems (Gary Bruce)**	**Do we ever intent to change this ? If not we should not put this in the error log book.** **Logbook comes handy for us to remind us of changes that might be made. Could be a base for designing real contributions. Logbook could be maintained by editor and should not be contributed against.** **With current definition of the logbook this contribution does not apply, contribution is thus withdrawn.**	

		387	**Support for an Exception Hierarchy**	**Sun Microsystems (Gary Bruce)**	**The idea of having the exception hierarchy in the annex was agreed before, this is the implementation of it.** **Should there be one base exception ? Answer, this is technology dependent, in Java they would all inherit from exception. Furthermore, Java is the only realisation that supports the exception hierarchy.** **First paragraph after the list of all OSA exception, first sentence, remove the words "any of". Second sentence: All abstract exceptions should be packaged.** **Second paragraph., rephrase the sentence "These detailed exceptions are not part of the OSA method signatures". "If the exception hierarchy is used then these detailed..."** **Last sentence: rephrase to "... all OSA methods that raise the TpCommonExceptions can raise the P_"** **All editors should do a check against the proposed hierarchy.** **Invalid_Collection_Criteria should be added as well.** **The SET_LENGTH_EXCEEDED should be removed.** **Title needs to be changed.** **Updated to 488**	
		488			**First paragraph above the exception list should be a rephrase again to "If the exception hierarchy is used then these detailed..."** **Update to 512**	
		512			**For email approval.**	
		398	**Support for Network Controlled Notifications UI**	**Koen Schilders (Ericsson)**	**Updated to 455**	

		455			In line with approved contribution for Call control, Sequence still contains enablePreSetnotifications. Suggestion that setting of the callback could do the trick. However, this would allow a CallControlManager to only support SetCallBack() for implementations that only want to offer this functionality. Furthermore, this specific semantics might better need special methods. Also then there would be only a NULL value of the assignmentID to be returned which might lead to confusion. Question whether if appl is using this it can't use the other mechanism anymore. Answer: it is strongly recommended, not prohibited. Approved, Adrian will update the Cover Page, 489	
		489			Approved.	
		399	Support for Network Controlled Notifications DSC	Koen Schilders (Ericsson)	Updated to 456	
		456			Approved, Adrian will update the Cover Page, 490	
		490			Approved.	
		400	Support for Network Controlled Notifications AM	Koen Schilders (Ericsson)	Updated to 457	
		457			Parameter for adding callback to enableNotifications is missing, also the parameter for adding a callback in createNotification is missing. CR for next meeting will be prepared. Approved. Adrian will update the Cover Page, 491	
		491			Approved.	

		401	Semantics of BOOLEAN_SET type properties	Koen Schilders (Ericsson)	Question about the BOOLEAN_SET, why is it a set ? Answer: the SCS uses the set to promote that it supports a certain properties by setting the set to TRUE and FALSE, indicating that it supports applications wanting it TRUE and applications wanting it FALSE. Observation that BOOLEAN_SET properties are mandatory.	
		404	The use of NULL for Choice Element Types in 'Union' Data Types	Sun Microsystems (Gary Bruce)	Concerns that it does not provide much value. Value lies with non-IDL realisations that don't have the mapping rule we at the moment have for the IDL. Pointed out that the mapping for IDL is not so explicit on this mapping. Could be improved maybe. Withdrawn.	
		424	Errors found in and corrections to be made to the 120070-1	Lucent (Andy Bennet) & Open API Solutions (Gareth Carroll)	424-432 contain the left-overs from the issues that have been previously identified around the San Diego meeting. Issues: 1: Agreed. (provides in 2nd sentence should be provide) Update in Tdoc 492 2: Withdrawn 3: Withdrawn 4: Agreed. CR needed. 493.	
		492			For email approval.	
		493			For email approval.	
		425	Errors found in and corrections to be made to the 120070-2	Lucent (Andy Bennet) & Open API Solutions (Gareth Carroll)	Withdrawn.	

		426	Errors found in and corrections to be made to the 120070-3	Lucent (Andy Bennet) & Open API Solutions (Gareth Carroll)	Issues: 2: Approved, as essential correction it needs to be for Rel. 4 / Parlay 3.1. It is essential because the sequence is in conflict with the STD and leads to misinterpretation and interoperability problems. CR: 494. 4: Approved, CR for Rel5: 495 6: Approved. CR for Rel.5 : 495 7: Suggestion to also add text indicating that when you already obtained a reference to IpAccess abortAuthentication should throw an exception. However, there might be a re-authentication so it does not apply. Comment that the related authentication STD is not in good shape. Pointed out that it is not clear now what happens when during a re-authenticate the authentication is aborted. 7 and 8 are withdrawn and a further examination of the STD is going forward. Also identified that for this case an STD on the client side is needed. 9: Approved: CR for Rel.5 : 496. 12: Approved. No CR needed, can be implemented. 13: Approved, CR for Rel.5 497. 15: Question how the FW knows which application to invoke ? Answer: the FW helped to setup the relation. So, more text should be added to reflect the fact that the Framework knows how to inform the application. Will be updated. It is noted that in general how these relations are setup should be better described in the specs. 19: Withdrawn. 20: Approved. CR 498.	
		494			For email approval.	
		495			For email approval.	

		496			For email approval.	
		497			For email approval.	
		498			For email approval.	

		427	Errors found in and corrections to be made to the 120070-4	Lucent (Andy Bennet) & Open API Solutions (Gareth Carroll)	1: Reason why we originally choose INTEGER_SET was to have as miniumum parsing as needed. There might be other reasons. Nobody is very aware at the moment. Pointed out that the Type of the P_TRIGGERING_EVENT_TYPES is not consistent with how they are described in the CAMEL service properties. E-mail discussion will be setup. 3, 4 Approved, CR to Rel.5 499. 5: Add to 13: When the timer expires it will indicate that the user is almost out of credit. Change step 14 to When the user is out of credit the application is informed. Add it 16: the application decides to play an announcement to the parties in the call. 6: Step 17 : delete last sentence. Step 16 and 17 delete the controlling leg. 5 and 6, 7 will be done together in 500 for Call Control, 501 for User Interaction. It was pointed out that there are still more references to “controlling leg”. Pauline (FT) volunteers to do a cleanup of the document. It also applies to UI (Part 5). 8: Maybe we should remove the tarrif switch functionality at all ? Pointed out that the underlying functionality supports tarrif changes. E-mail discussion needed. 10, 12: Approved, CR to Rel.5. 502. 13: Approved, CR to Rel.5 503 15: Previously the idea was that the Leg could still be used to obtain information, e.g. getCallInfoReg. However, method semantics seem indeed not very clear on what can be done with the Leg still, if anything. STDs might give answer. E-mail discussion needed, Ericsson will initiate this. 16: It was shown that in the data-type for arming the event one can indicate the numbers to be collected.	

		499			For email approval.	
		500			For email approval.	
		501			For email approval.	
		502			For email approval.	
		503			For email approval.	
		428	Errors found in and corrections to be made to the 120070-5	Lucent (Andy Bennet) & Open API Solutions (Gareth Carroll)	1,2 are duplicates from Call Control, CR to Rel.5: 501.	
		429	Errors found in and corrections to be made to the 120070-6	Lucent (Andy Bennet) & Open API Solutions (Gareth Carroll)	Approved, CR to Rel.5: 504.	
		504			For email approval.	
		430	Errors found in and corrections to be made to the 120070-8	Lucent (Andy Bennet) & Open API Solutions (Gareth Carroll)	1: Approved, CR to Rel.5 505. 2: Approved, CR to Rel.5 505.	
		505			For email approval.	
		431	Errors found in and corrections to be made to the 120070-9	Lucent (Andy Bennet) & Open API Solutions (Gareth Carroll)	Withdrawn. Does not affect Rel.5 Followup contributions might be brought to next meeting.	
		432	Errors found in and corrections to be made to the 120070-12	Lucent (Andy Bennet) & Open API Solutions (Gareth Carroll)	Withdrawn.	

		434	The need for Service Type Administration Interfaces	Andy Bennett (Lucent Technologies), Gareth Carroll (Open API Solutions), Joachim Zeiss (FTW)	It has been proposed in a number of previous JWG meetings that a new interface is introduced that allows Service Types to be managed. The previous contributions have identified the detailed specification of the interface but have not addressed the need for such an interface. For that reason the previous contributions have been rejected. This contribution attempts to provide the missing justification. Pointed out that current management systems are based on other protocols. For these systems to operate on our GW, it requires to specify managed objects, which is different than defining APIs like we are doing. Should be advertised with SA5, could be topic of the joint activities we have with them. Also SA1 should be involved. Isn't this twofold: one part for configuration by the Service Supplier and the other for integration with existing management systems. For the first part it is pointed out that this would require a totally new interface with policies associated as it opens the FW configuration for the Service Supplier. This is not a preferable option by Network operators. Also wouldn't this be captured in an initial configuration step after the agreement between the FW operator and the Service Supplier is setup.	
		435	Proposed update to the General Properties	Andy Bennett (Lucent Technologies)	This contribution is an updated version of N5-020261 which was rejected in Sophia Antipolis (Meeting #17). The meeting requested a reworking of the contribution and re-submittal. Decided that it would be better to update this properly, could be combined with the CR on generic properties by Ericsson. After the meeting there will be a joint contribution.	

		452			Concern that Parlay is too visible now in 3GPP documents. Parlay/OSA will be rephrased to OSA. This is not suitable for the scope of the document, maybe for clause 5 and replace the last bullet point on the IDL. As JAIN is not a standardisation body, the Standardised should in the 3rd sentence should be replaced. Question about whether the phrase "Standardised distribution technology realisation" in sentence before is correct. Agreed to remove "Standardised" in both cases. Updated to 514	
		514			For email approval.	
8	Organizational aspects					
8.1	Review of 3GPP OSA Work Plan					
		343	Summary of Content of 3GPP Release 5 as of 16 April 2002	MCC	Noted.	
		344	Summary of Content of 3GPP Release 6 as of 16 April 2002	MCC	Noted.	
8.2	3GPP OSA Work Item Description					
8.3	further work on 12076					
8.4	further work on 12075					
8.5	other					
		329	CN5 specifications list	MCC		
9	Outgoing liaisons					
		439	Reply to Liaison Statement on co-ordination of data definitions, identified in GUP development	Lucent Technologies (Musa Unmehopa)	Already approved over e-mail	
10	ETSI STF 211					
					STF is making progress and have come across issues. For these issues first the specific editors have been approached. Major issue with callbacks: concern that this is to vague to be fully interoperably implemented. Missing is still direction for the base set that needs to be implemented. Suggestion that editors might come with proposal for this.	

11	**Preparation Parlay 4.0/ 3GPP Rel. 5**				**Adrian proposes: we have versions for Rel4 now. We'll write category B CRs for them, adding new substance (that will be the WSDL) and this will raise them to version 5.0.0. Then the corrections (like in 412, 413, etc) will be made against this 5.0.0 (even though it hasn't been approved yet).** **Latest proposal is that all requests against Rel.4 need to be implemented first, this will be the new Rel.4 document. Next all CRs against Rel.5 can be implemented and this will create the Rel.5 spec.** **Regarding the subparts for call control: idea is to still go ahead with subparts as we already have subparts for the mapping. For this we will consult CN chair and MCC responsible. If this is not a valid option, other options will be considered.**	

		356	**Overview of approved Parlay 4.0 documents to be implemented, highlighting those that still need CR before adoption into 3GPP Rel.5**	**CN5 Chairman (Ard-Jan Moerdijk)**	**This contribution lists some pending contributions from previous meetings, that still needed CRs to became formally part of Rel5:** ?? **Support for stored confirmation (Karsten): it is 358 this meeting.** ?? **Support for relayed confirmation (Karsten): it is 358 this meeting (358 combines both).** ?? **ETS-enabling of Call Control API (John-Luc): submitted to this meeting.** ?? **Semantics of BOOLEAN_SET properties (Koen): still ongoing.** ?? **Correction for TpBalanceInfo description and Implementation of the Split Charging requirement (Karsten): they are 361 in this meeting.** ?? **TpSessionID (Gary): it is 385 this meeting.** ?? **Exception issues (Gary): they're 374-379 in this meeting.** ?? **Use of MIDL (Gary): it is 380 for this meeting.** ?? **Service Property P_MAX_ADDRESSES_PER_QUERY for Account Management (David): it is 359 this meeting.** ?? **Inclusion of WSDL in the OSA Overview 29.198-1 (David): it is 360 this meeting.** ?? **WSDL AnnexB (David): 388-396 this meeting.** ?? **Support for Java API Technology Realisation (Gary): 366-373.** ?? **Data types TpStringList and TpStringSet are not defined in common data (Musa): 363, already approved by email.** ?? **Proposal for Removal of Redundant Type Definition (Musa): 364, already approved by email.**	

					<u>Action points from last meeting:</u> **3- Chelo to draft TDoc 311 - a reply to the LS in TDoc 217 - and send it out for email approval.** **No response will be prepared for the time being.** **5- Andy to write, for the Parlay BoD, a description of the existing Framework mechanism for handling SCF versions.** **Done, this is document 436.** **6- Koen and Andy to discuss off-line with Anders and bring to the mailing list a proposed conclusion to the issue of handling different versions of Framework interfaces.** **NO discussion has taken place but it will be discussed with 423.** **9- Ultan to contact the ETSI editors to make sure that figure numbers are corrected for Parlay 4 (see TDoc 243).** **Done.** **10- Chairs and VC to clarify the date of the Parlay October meeting and propose meeting dates to the Services Focus Group in 3GPP2 TSG-N.** **October meeting date clarified; next meetings to be discussed later in the agenda.** **19- Musa and Xin to conduct an email discussion on the mapping of SIP Call-ID as in the discussion of TDoc 246.** **Some discussion has taken place off-line between Kindy and Musa (Xin has changed jobs). Some contributions have been prepared by Xin on this.** **22- Andy to set up a discussion with FTW in order to write an update of TDoc 223 according to the**	

12	Future meetings					
		443			Noted.	
		444			Noted.	
					Suggestions to go to 23-27 September meeting with other CN groups and invite 3GPP2. The meeting is quite close to the next meeting, so we should only do it when we have a good case.	
13	AOB					
			What to do with the logbook ?		Discussion postponed for Montreal.	
			Editorship for ISC mapping		Musa can do 407, 406, depending on outcome of current CN1 meeting, but not 405. Volunteers for continuing the work are welcome. If nobody steps up and makes sure 405 is implemented before end next week, the 405 updates will not be brought to the plenary.	
			Editorlist		See 329.	

Annex A: AGENDA

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

1.1 IPR (Intellectual Property Rights) declarations

The Chairman reminds the "Article 55: Intellectual Property Rights (IPR) Policy" of the 3GPP Working Procedures:

?? Individual Members shall be bound by the IPR Policy of their respective Organizational Partner.
?? Individual Members should declare at the earliest opportunity, any IPRs, which they believe to be essential, or potentially essential, to any work ongoing within 3GPP.
?? Organizational Partners should encourage their respective members to grant licences on fair, reasonable terms and conditions and on a non-discriminatory basis.
?? The PCG shall maintain a register of IPR declarations relevant to 3GPP, received by the Organizational Partners.

The Chairman invites the delegates to declare IPRs - relevant to the 3GPP - they are aware of.
The List of IPR declarations sorted by Organizational Partners can be found at: http://www.3gpp.org/PCG/IPR_declarations.htm

2 Allocation of documents to agenda items : Monday morning

3 Reporting : Monday morning

3.1 CN5 #17 /ETSI OSA project/Parlay meeting, Sophia Antipolis
3.2 Parlay Board and TAC meetings.
3.3 3GPP – 3GPP2 harmonisation related activities.
3.4 Report of all other OSA related activities.

Items to be considered here are all other OSA related activities e.g. in SA1, SA2 and ETSI SPAN

4 Input liaison statements : Monday morning

5 Backward compatibility discussions: Monday

At the Hong Kong meeting initial discussions with the Parlay TAC and BoD took place around Backward Compatibility. During Parlay TAC and BoD meetings after Hong Kong this topic has been discussed in further detail and input was given to us at the Sophia meeting where we reviewed the documents and sent a response. The current status and way to go forward has to be re-discussed and agreed upon now in the JWG.

6 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 3.1 has been finalised, and backward compatibility has to be guaranteed, the assumption is that for error corrections in the scope of Parlay 3 / 3GPP Rel.4 only work arounds and documentation of the errors is allowed. However, this has to be considered on case by case base and is depending on the outcome of 5 Backward compatibility discussions: Monday.

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

7.1 Requirements

7.1.1 Input from SA1: OSA and VHE requirements

7.1.2 ETSI SPAR

7.2 Presence and Availability Management

7.3 Call Control

7.3.1 3GPP IMS related Call control

7.3.2 Other Call control issues (e.g. potential input from ETS group)

7.4 WSDL / SOAP / XML APIs

7.5 Framework (Framework security)

7.6 Policy Management

7.7 Other APIs

7.7.1 Content Based Charging

7.7.2 Terminal Capabilities

7.7.3 Journalling (scheduled for Rel.6 now)

7.7.4 Information Transfer (scheduled for Rel.6 now)

7.7.5 Information Services (scheduled for Rel.6 now)

7.7.6 Others

8 Organisational aspects with relation to Joint activities: Thursday afternoon

8.1 Review of 3GPP OSA workplan
8.2 3GPP OSA Work Item Description (review Rel-5, prepare for Rel-6).
8.3 Organization of further work on ETSI ES 201 915 (Version 2)
8.4 Organization of further work on ETSI TR 101 917

9 Outgoing Liaisons: Thursday afternoon

10 ETSI Compliance and Testing STF 211 : Friday morning

Presentation of and discussion on current status of the work by the ETSI STF 211 on OSA Conformance Test Specs.

11 Preparation for Parlay 4.0 and 3GPP Rel. 5 : Friday morning

Here we will e.g. check whether the PAM, Policy Management and ISC mapping v2.0.0 drafts can be submitted to CN#16 in 06/2002 **for Approval.**

12 Future meetings : Friday afternoon

13 AOB : Friday afternoon

Close : Friday afternoon (14:00)

Annex B: List of Documents

Doc. Name	Title	Source	Allocations	Content Type	Status/Comment
N5-020320	Draft Agenda	JWG Chair	1 Agenda approval	Agenda	Approved
N5-020321	Document Allocation	JWG Chair	2 Tdoc# allocation	Tdoc# allocation	Noted.
N5-020322	report_Monday	JWG Chair	n.a.	Report	Noted.
N5-020323	report_Tuesday	JWG Chair	n.a.	Report	Noted.
N5-020324	report_Wednesday	JWG Chair	n.a.	Report	Noted.
N5-020325	report_Thursday	JWG Chair	n.a.	Report	
N5-020326	report_Friday	JWG Chair	n.a.	Report	Not used
N5-020327	Draft Report of CN5#18, Budapest, HUNGARY, 13-17 May 2002	JWG Chair		Report	
N5-020328	Report of CN5#18, Budapest, 13-17 May 2002	JWG		Report	
N5-020329	CN5 specifications list	MCC	8.5 3GPP OSA WID (Other)	Tdoc	Noted.
N5-020330	LS from S1 to N5 Response LS to SA3 on new security requirements for LCS	S1-020860	4 LS in	LS in	reply in 342
N5-020331	LS copy from S2 to N5 LS back to SA1and SA3 on enhanced user privacy and new security requirements for LCS	S2-021466	4 LS in	LS in	reply in 342
N5-020332	LS from S2 to N5 Liaison Statement on GUP work progress	S2-021513	4 LS in	LS in	Noted. No reply needed.
N5-020333	LS from SA3 LI to CN5 Lawful Intercept related information in CN5 specifications	S3LI02_101r2	4 LS in	LS in	Noted. No reply needed.
N5-020334	LS-reply from T2 to CN5 on Joint Meeting SA5/CN5/T2 on MMS charging	T2-020513	4 LS in	LS in	Noted. Ard-Jan to contact T2.
N5-020335	List of registered Participants to CN5#18, Budapest, 13-17 May 2002	MCC			Noted.
N5-020336	Pre-Reserved Number	MCC			
N5-020337	Pre-Reserved Number	MCC			
N5-020338	Pre-Reserved Number	MCC			
N5-020339	Pre-Reserved Number	MCC			
N5-020340	Pre-Reserved Number	MCC			
N5-020341	reply to 334	Chelo, Ard-Jan, Anders	9 Outgoing liaisons	LS out	reply to 334
N5-020342	reply to 330, 331	Chelo, Ard-Jan	9 Outgoing liaisons	LS out	reply to 330, 331
N5-020343	Summary of Content of 3GPP Release 5 as of 16 April 2002	MCC	8.1 3GPP OSA workpla	Tdoc	Noted
N5-020344	Summary of Content of 3GPP Release 6 as of 16 April 2002	MCC	8.1 3GPP OSA workpla	Tdoc	Noted
N5-020345	Reworked contributions 078, 223 (Interface Changes for Keeping)	FTW (Ivan Gojmerac. Klaus Umschaden)	7.5 Framework	Tdoc	Updated to 470
N5-020346	Reworked 077 (CCM Support: A CCM friendly UML to IDL mapping)	FTW (Joachim Zeiss)	7.7.6 Other APIs (Others)	Tdoc	
N5-020347	Backward compatibility	Richard Stretch BT Exact Technologies	5 Backward compatib.	Tdoc	Noted

N5-020348	Highlights from 3GPP PCG#8/OP#7 meetings	3GPP TSG CN Chair	3.3 Rep 3GPP–3GPP2	Tdoc	Noted
N5-020349	ETSI: GA39(02)Temp. Doc. 10 - NGN-IG status report	MCC	4 LS in	Tdoc	Noted
N5-020350	Draft ES 201 915-13 v.0.0.4 Policy Mgt Updated	Ultan Mulligan, ETSI PTCC	7.6 Policy Management	TS	Updated to 507
N5-020351	Draft TS 29.198-13 v.1.0.0 - 3GPP Policy Management	Ultan Mulligan, ETSI PTCC	7.6 Policy Management	TS	Updated to 508
N5-020352	3GPP TR 29.998-4-4 V0.3.1 (2002-04)	Lucent Technologies (Xin Chen)	7.3.1 3GPP IMS related Call Control	TS	Updated to 355
N5-020353	Draft ES 201 915-14 v.0.0.3 PAM Updated	Ultan Mulligan, ETSI PTCC	7.2 PAM	TS	Updated to 450
N5-020354	Draft TS 29.198-14 v.1.0.0 - 3GPP PAM	Ultan Mulligan, ETSI PTCC	7.2 PAM	TS	Updated to 451
N5-020355	Draft 3GPP TR 29.998-4-4 V1.0.0	MCC	7.3.1 3GPP IMS related Call Control	TR	Noted. Updated to 517.
N5-020356	Overview of approved Parlay 4.0 documents to be implemented, highlighting those that still need CR before adoption into 3GPP Rel.5	TB Chairman	11 Parlay 4. 3GPP R5	Tdoc	Noted
N5-020357	Framework Evaluation Presentation - update corresponding to the presentation at CN5#17 in Sophia (N5-020289)	Telenor (Tønnes Brekne)	7.5 Framework	Tdoc	Noted
N5-020358	Support for interactive authorization of payments (“User Confirmation”)	Siemens	7 OSA2 / 3GPP Rel-5	CR	Approved
N5-020359	P_MAX_ADDRESSES_PER_QUERY	David Tweedie (Nortel Networks)	7 OSA2 / 3GPP Rel-5	CR	Approved
N5-020360	29-198-01_WSDL_inclusion	David Tweedie (Nortel Networks)	7 OSA2 / 3GPP Rel-5	CR (Cat B)	Split into 2 CRs: 440 (WSDL) & 442 (References)
N5-020361	Support for Split Charging feature	Siemens	7 OSA2 / 3GPP Rel-5	CR	Approved
N5-020362	Support for Emergence Telecommunications Service	Telcordia	7.3.2 Other Call Control issues	CR	Updated to 438
N5-020363	Data types TpStringList and TpStringSet are not defined in common data	Lucent Technologies (Musa Unmehopa)	7 OSA2 / 3GPP Rel-5	CR	Email approved
N5-020364	Removal of Redundant Type Definition of TpServiceSpecString	Lucent Technologies (Musa Unmehopa)	7 OSA2 / 3GPP Rel-5	CR	Email approved
N5-020365	29.198-13 Implementing approved Policy Management changes from documents 279 and 299	Lucent Technologies (Musa Unmehopa)	7 OSA2 / 3GPP Rel-5	Tdoc	Approved. To be implemented in 351 (29.198-13)
N5-020366	Rel-5 CR 29.198-01 Support for Java API Technology Realisation	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Email approved
N5-020367	Rel-5 CR 29.198-02 Support for Java API Technology Realisation	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Email approved
N5-020368	Rel-5 CR 29.198-03 Support for Java API Technology Realisation	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Email approved
N5-020369	Rel-5 CR 29.198-04 Support for Java API Technology Realisation	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Email approved
N5-020370	Rel-5 CR 29.198-05 Support for Java API Technology Realisation	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Email approved
N5-020371	Rel-5 CR 29.198-06 Support for Java API Technology Realisation	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Email approved
N5-020372	Rel-5 CR 29.198-12 Support for Java API Technology Realisation	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Email approved

N5-020373	29.198-14 Add Support for Java API Technology Realisation	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	Tdoc	This is NOT a CR. Email approved. (Consider in 509 & 510)
N5-020374	Rel-5 CR 29.198-03 Repetitive description of P_APPLICATION_NOT_ACTIVATED	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Approved. Change CR Title (az).
N5-020375	Repetitive description of P_APPLICATION_NOT_ACTIVATED	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Updated to 473
N5-020376	Improved description of some of the exceptions	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Withdrawn
N5-020377	Rel-5 CR 29.198-05 Improved description of P_ID_NOT_FOUND	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Approved.
N5-020378	P_INVALID_CRITERIA and P_INVALID_COLLECTION_CRITERIA	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Updated to 481
N5-020379	Deprecation of P_SET_LENGTH_EXCEEDED	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Updated to 482
N5-020380	Removal of Microsoft-IDL from the spec	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Updated to 483
N5-020381	Deprecate P_ADDRESS_PLAN_MSMAIL	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Updated to 484
N5-020382	P_SERVICE_INSTANCE in TpDomainID	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	Tdoc	Updated to 485
N5-020383	TpAssignmentID in Mobility	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	Tdoc	Updated to 486
N5-020384	Additional service properties in MPCCS	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	Tdoc	Withdrawn
N5-020385	Scope of TpSessionID	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Updated to 487
N5-020386	P_ID_NOT_FOUND in User Interaction	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	Tdoc	Withdrawn
N5-020387	Support for an Exception Hierarchy	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Updated to 488
N5-020388	Rel-5 CR 29.198-02 Support for WSDL Realisation	David Tweedie (Nortel Networks)	7 OSA2 / 3GPP Rel-5	CR (Cat B)	Approved. Change CR to Cat B.
N5-020389	Rel-5 CR 29.198-03 Support for WSDL Realisation	David Tweedie (Nortel Networks)	7 OSA2 / 3GPP Rel-5	CR (Cat B)	Approved. Change CR to Cat B.
N5-020390	Rel-5 CR 29.198-04 Support for WSDL Realisation	David Tweedie (Nortel Networks)	7 OSA2 / 3GPP Rel-5	CR (Cat B)	Approved. Change CR to Cat B.
N5-020391	Rel-5 CR 29.198-05 Support for WSDL Realisation	David Tweedie (Nortel Networks)	7 OSA2 / 3GPP Rel-5	CR (Cat B)	Approved. Change CR to Cat B.
N5-020392	Rel-5 CR 29.198-06 Support for WSDL Realisation	David Tweedie (Nortel Networks)	7 OSA2 / 3GPP Rel-5	CR (Cat B)	Approved. Change CR to Cat B.
N5-020393	Rel-5 CR 29.198-07 Support for WSDL Realisation	David Tweedie (Nortel Networks)	7 OSA2 / 3GPP Rel-5	CR (Cat B)	Approved. Change CR to Cat B.
N5-020394	Rel-5 CR 29.198-08 Support for WSDL Realisation	David Tweedie (Nortel	7 OSA2 / 3GPP Rel-5	CR (Cat B)	Approved. Change CR to Cat

		Networks)			B.
N5-020395	Rel-5 CR 29.198-11 Support for WSDL Realisation	David Tweedie (Nortel Networks)	7 OSA2 / 3GPP Rel-5	CR (Cat B)	Approved. Change CR to Cat B.
N5-020396	Rel-5 CR 29.198-12 Support for WSDL Realisation	David Tweedie (Nortel Networks)	7 OSA2 / 3GPP Rel-5	CR (Cat B)	Approved. Change CR to Cat B.
N5-020397	Support for Network Controlled Notifications MPCC	Koen Schilders (ELN)	7.7.6 Other API (Others)	CR	Updated to 454
N5-020398	Support for Network Controlled Notifications UI	Koen Schilders (Ericsson)	7.7.6 Other API (Others)	CR	Updated to 455
N5-020399	Support for Network Controlled Notifications DSC	Koen Schilders (Ericsson)	7.7.6 Other API (Others)	CR	Updated to 456
N5-020400	Support for Network Controlled Notifications AM	Koen Schilders (Ericsson)	7.7.6 Other API (Others)	CR	Updated to 457
N5-020401	Semantics of BOOLEAN_SET type properties	Koen Schilders (Ericsson)	11 Parlay 4. 3GPP R5	CR	Approved. Change cosmetics on CR cover (az)
N5-020402	Changes to getNotification()	Koen Schilders (Ericsson)	11 Parlay 4. 3GPP R5	CR	Updated to 458
N5-020403	Correction to TpCallChargePlan	Koen Schilders (Ericsson)	6 OSA1 / 3GPP Rel-4	CR	Updated to 462. Not mentioned in the Report.
N5-020404	201 915 use of NULL for Choice Element Types in 'Union' Data Types	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	Tdoc	Withdrawn
N5-020405	29.998-04-04 Various Changes	Lucent Technologies (Musa Unmehopa)	7 OSA2 / 3GPP Rel-5	Tdoc	Approved
N5-020406	29.998-04-04 Changes to Clause 6	Lucent Technologies (Musa Unmehopa)	7 OSA2 / 3GPP Rel-5	Tdoc	Approval pending Matti's CN1 investigation.
N5-020407	29.998-04-04 Changes to annex	Lucent Technologies (Musa Unmehopa)	7 OSA2 / 3GPP Rel-5	Tdoc	Approved
N5-020408	29.998-04-4 Advancement to v2.0.0	Lucent Technologies (Musa Unmehopa)	7 OSA2 / 3GPP Rel-5	Tdoc	Withdrawn & No committment to deliver v200 by e/o May
N5-020409	29.998-04-4 Implementation of agreed change at CN5#17 Sophia	Lucent Technologies (Musa Unmehopa)	7 OSA2 / 3GPP Rel-5	Tdoc	Approved
N5-020410	VOID				
N5-020411	Rel-5 CR 29.198-03 Re-obtaining the reference to the Service Manager	Ericsson	7 OSA2 / 3GPP Rel-5	CR	Not Approved.
N5-020412	Rel-5 CR 29.198-04 Explicit exception for continueProcessing when not in interrupted mode	Ericsson	7 OSA2 / 3GPP Rel-5	CR	Updated to 474
N5-020413	Rel-5 CR 29.198-05 Clarification on announcements to one call leg	Ericsson	7 OSA2 / 3GPP Rel-5	CR	Updated to 475
N5-020414	Rel-5 CR 29.198-04 Clarify that supervision will be ended when call or callLeg is deassigned	Ericsson	7 OSA2 / 3GPP Rel-5	CR	Updated to 476
N5-020415	Rel-5 CR 29.198-04 Supervision duration clarification	Ericsson	7 OSA2 / 3GPP Rel-5	CR	Updated to 477
N5-020416	Rel-5 CR 29.198-04 Detach/Attach request while pending Attach/Detach request clarification	Ericsson	7 OSA2 / 3GPP Rel-5	CR	Updated to 478
N5-020417	Rel-5 CR 29.198-04 Updated CAMEL Service Property values	Ericsson	7 OSA2 / 3GPP Rel-5	CR	Split into 2 CRs (464 Rel-4 & 465 Rel-5)
N5-020418	Rel-4 CR 29.198-04 Clean up of Multi-Party Call Control properties	Ericsson	7 OSA2 / 3GPP Rel-5	CR	Updated to 479
N5-020419	Rel-5 CR 29.198-04 Introduction of indication whether SCS supports initially multiple routeReqs in parallel.	Ericsson	7 OSA2 / 3GPP Rel-5	CR	Updated to 466

N5-020420	Rel-5 CR 29.198-04 Adoption of MMCC and Conference Call Control APIs	Ericsson	7 OSA2 / 3GPP Rel-5	CR	Split into MMCC & CCC. Only MMCC in 3GPP. Updated to 515.
N5-020421	appUnavailableInd() and multiple service sessions per access session	Lucent Technologies (Musa Unmehopa)	7 OSA2 / 3GPP Rel-5	CR	Updated to 471
N5-020422	Backward compatibility WP	Incomit AB	5 Backward compatib.	Tdoc	Noted.
N5-020423	Frame Work version in run-time	Incomit AB	5 Backward compatib.	Tdoc	Split into 2CRs: 448 (new annex) & 447 (the rest)
N5-020424	Errors found in and corrections to be made to 120070-1	Lucent Technologies (Andy Bennett)	7 OSA2 / 3GPP Rel-5	Tdoc	Split of 424 into 2 CRs 492 & 493.
N5-020425	Errors found in and corrections to be made to 120070-2	Lucent Technologies (Andy Bennett)	7 OSA2 / 3GPP Rel-5	Tdoc	Withdrawn.
N5-020426	Errors found in and corrections to be made to 120070-3	Lucent Technologies (Andy Bennett)	7 OSA2 / 3GPP Rel-5	Tdoc	Split into 5 CRs 494, 495, 496, 497, 498
N5-020427	Errors found in and corrections to be made to 120070-4	Lucent Technologies (Andy Bennett)	7 OSA2 / 3GPP Rel-5	Tdoc	Split into 3 CRs 499, 500, 501, 502, 503 (for Part 5)
N5-020428	Errors found in and corrections to be made to 120070-5	Lucent Technologies (Andy Bennett)	7 OSA2 / 3GPP Rel-5	Tdoc	Updated to 501.
N5-020429	Errors found in and corrections to be made to 120070-6	Lucent Technologies (Andy Bennett)	7 OSA2 / 3GPP Rel-5	Tdoc	Updated to 504.
N5-020430	Errors found in and corrections to be made to 120070-8	Lucent Technologies (Andy Bennett)	7 OSA2 / 3GPP Rel-5	Tdoc	Updated to 505.
N5-020431	Errors found in and corrections to be made to 120070-9	Lucent Technologies (Andy Bennett)	7 OSA2 / 3GPP Rel-5	Tdoc	Withdrawn.
N5-020432	Errors found in and corrections to be made to 120070-12	Lucent Technologies (Andy Bennett)	7 OSA2 / 3GPP Rel-5	Tdoc	Withdrawn.
N5-020433	29.198-14 PAM: removal of references to TS 22.141	Nokia	7.2 PAM	Tdoc	Noted.
N5-020434	Service Type Administration Interface Justification	Andy Bennett (Lucent Technologies), Gareth Carroll (Open API Solutions), Joachim Zeiss (FTW)	7.7.6 Other API (Others)	Tdoc	Noted.
N5-020435	General Service Property updates	Lucent Technologies (Andy Bennett)	7.7.6 Other API (Others)	Tdoc	Noted.
N5-020436	DIscovery and BC/Migration	Lucent Technologies (Andy Bennett)	7.7.6 Other API (Others)	Tdoc	Updated to 446
N5-020437	Update of N5-020247 to reflect comments in Sophia	Lucent Technologies (Andy Bennett)	7.3.2 Other Call Control issues	Tdoc	Updated to 463
N5-020438	Rel-5 CR 29.198-04 Support for Emergence Telecommunications Service	Telcordia (John-Luc Bakker)	7.3.2 Other Call Control issues	CR	Update of 362. Updated to 453
N5-020439	LS out Reply to T2 (N5-020203/T2-020254) on co-ordination of data definitions, identified in GUP development	CN5 (Lucent Technologies/ Musa Unmehopa)	9 LS out	LS out	Email approved
N5-020440	Rel-5 CR 29.198-01: Inclusion of WSDL as a realisation of OSA	David Tweedie (Nortel Networks)	7 OSA2 / 3GPP Rel-5	CR (Cat B)	Split of 360. Approved.
N5-020441	Editorial changes to PAM TS 29.198-14	Teltier (Guda Venkatesh)	7.2 PAM	TS	Implement changes in 450

					(ETSI) & 451 (3GPP).
N5-020442	revision of References in 28.198-01	Ultan Mulligan, ETSI PTCC	7 OSA2 / 3GPP Rel-5	CR	Split of 360. Updated to 506.
N5-020443	3GPP and ETSI SPAN Meeting Schedule	MCC	12 Future meetings	Schedule	Noted.
N5-020444	3GPP2 TSG-N 2002 Meeting Schedule	3GPP2	12 Future meetings	Schedule	Noted.
N5-020445	Feedback to Parlay Board and TAC on Backwards Compatibility (BC) for Parlay specifications	JWG	5 Backward compatib.	Tdoc	Noted.
N5-020446	DIscovery and BC/Migration	Lucent Technologies (Andy Bennett)	7.7.6 Others (Framework)	CR	Update of 436. Email approved 30/05/2002.
N5-020447	Rel-5 CR 29.198-03 Adding version management support to the Framework in run-time	Incomit AB	7 OSA2 / 3GPP Rel-5	CR	Split of 423. Updated to 467
N5-020448	Adding a new annex to the 29.198-3	Incomit AB	7 OSA2 / 3GPP Rel-5	Tdoc	Split of 423. Approved. No need for CR. Ultan will produce for all relevant part an Informative annex (Differences between this release and…)
N5-020449	Addition of TpVersion	Koen Schilders (Ericsson)	7 OSA2 / 3GPP Rel-5	CR	Updated to 468
N5-020450	201 915-14 Revised Draft v.0.0.x PAM	Teltier (Guda Venkatesh)	7.2 PAM	TS	Update of 353 (consider 441). Updated to 509.
N5-020451	29.198-14 Revised Draft v.1.0.x - 3GPP PAM	Teltier (Guda Venkatesh)	7.2 PAM	TS	Update of 354 (consider 441). Updated to 510.
N5-020452	Rel-5 CR 29.198-01: Text describing the technology realisations of the Parlay/OSA specification	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Updated to 514.
N5-020453	Rel-5 CR 29.198-04: Support for Emergency Telecommunications Service	CN5	7.3.2 Other Call Control issues	CR	Update of 438. Approved.
N5-020454	Rel-5 CR 29.198-04 Addition of Support for Network Controlled Notifications MPCC	Koen Schilders (ELN)	7.7.6 Other API (Others)	CR	Update of 397. Approved
N5-020455	Rel-5 CR 29.198-05 Addition of Support for Network Controlled Notifications UI	Koen Schilders (Ericsson)	7.7.6 Other API (Others)	CR	Update of 398. Approved. Updated to 489 (CR cover)
N5-020456	Rel-5 CR 29.198-08 Addition of Support for Network Controlled Notifications DSC	Koen Schilders (Ericsson)	7.7.6 Other API (Others)	CR	Update of 399. Approved. Updated to 490 (CR cover)
N5-020457	Rel-5 CR 29.198-11 Addition of Support for Network Controlled Notifications AM	Koen Schilders (Ericsson)	7.7.6 Other API (Others)	CR	Update of 400. Approved. Updated to 491 (CR cover)
N5-020458	Changes to getNotification()	Koen Schilders (Ericsson)	11 Parlay 4, 3GPP R5	CR	Update of 402. Approved. Updated to 461
N5-020459	RE LS-reply on Joint Meeting SA5/CN5/T2 on MMS charging	T2 (LAUMEN Josef [josef.laumen@sal.siemens.de])	4 LS in	Tdoc	Noted. Connected to 334
N5-020460	Re ETS Contribution 438	Telcordia (John-Luc Bakker)	7.3.2 Other Call Control issues	Tdoc	Noted. Connected to 438
N5-020461	Rel-5 CR 29.198-04 Changes to getNotification()	Koen Schilders (Ericsson)	11 Parlay 4, 3GPP R5	CR	Update of 458. Approved
N5-020462	Rel-4 CR 29.198-04 Correction to TpCallChargePlan	Koen Schilders (Ericsson)	6 OSA1 / 3GPP Rel-4	CR	Update of 403. Approved.
N5-020463	Proposal to add mapping for “Unsupported Media Type” in the release cause	Andy Bennett (Lucent Technologies)	7.3.2 Other Call Control issues	CR	Update of 437. Email approved 23/05/2002.

N5-020464	Rel-4 CR 29.198-04 Corrections to CAMELv3 Service Property values	Koen Schilders (Ericsson)	6 OSA1 / 3GPP Rel-4	CR	split of 417 (Rel-4). Approved
N5-020465	Rel-5 CR 29.198-04 Addition of CAMELv4 Service Property values	Koen Schilders (Ericsson)	7 OSA2 / 3GPP Rel-5	CR	split of 417 (Rel-5). Approved
N5-020466	Rel-5 CR 29.198-04 Introduction of indication whether SCS supports initially multiple routeReqs in parallel.	Koen Schilders (Ericsson)	7 OSA2 / 3GPP Rel-5	CR	Update of 419. Approved
N5-020467	Rel-5 CR 29.198-03 Adding version management support to the Framework in run-time	Incomit AB	7 OSA2 / 3GPP Rel-5	CR	Update of 447. Approved
N5-020468	Rel-5 CR 29.198-04 Addition of type TpVersion in common data	Koen Schilders (Ericsson)	7 OSA2 / 3GPP Rel-5	CR	Update of 449. Updated to 513.
N5-020469	Rel-5 CR 29.198-03 Introducing types for generic service properties	Koen Schilders (Ericsson)	7 OSA2 / 3GPP Rel-5	CR	Deferred: discuss by email (likely not ready for June CN plenary).
N5-020470	Rel-5 CR 29.198-03 Enhancements on subscription management error information	Joachim Zeiss (FTW)	7.5 Framework	CR	Split of 345 into 2 CRs 470 & 480. Approved.
N5-020471	Rel-5 CR 29.198-03 appUnavailableInd() and multiple service sessions per access session	Lucent Technologies (Musa Unmehopa)	7 OSA2 / 3GPP Rel-5	CR	Update of 421. Approved
N5-020472	Rel-5 CR 29.198-03 Delete conflicting description of P_APPLICATION_NOT_ACTIVATED	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Update of 374.
N5-020473	Rel-5 CR 29.198-06 Delete conflicting description of P_APPLICATION_NOT_ACTIVATED	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Update of 375. Approved
N5-020474	Rel-5 CR 29.198-04 Explicit exception for continueProcessing when not in interrupted mode	Ericsson	7 OSA2 / 3GPP Rel-5	CR	Update of 412. Approved
N5-020475	Rel-5 CR 29.198-05 Detach call leg before playing announcement or collecting digits	Ericsson	7 OSA2 / 3GPP Rel-5	CR	Update of 413. Approved
N5-020476	Rel-5 CR 29.198-04 Indication needed that supervision will be ended when call or callLeg is deassigned	Ericsson	7 OSA2 / 3GPP Rel-5	CR	Update of 414. Approved
N5-020477	Rel-5 CR 29.198-04 Supervision duration ambiguous	Ericsson	7 OSA2 / 3GPP Rel-5	CR	Update of 415. Approved
N5-020478	Rel-5 CR 29.198-04 Detach/Attach request while pending Attach/Detach request clarification	Ericsson	7 OSA2 / 3GPP Rel-5	CR	Update of 416. Approved
N5-020479	Rel-5 CR 29.198-04 Correction of Multi-Party Call Control properties	Ericsson	7 OSA2 / 3GPP Rel-5	CR	Update of 418. Approved
N5-020480	Split of 345 into two CRs (470 & 480)	Joachim Zeiss (FTW)	7.5 Framework	CR	Split of 345 into 2 CRs 470 & 480.
N5-020481	Rel-5 CR 29.198-05 P_INVALID_CRITERIA and P_INVALID_COLLECTION_CRITERIA	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Update of 378. CR title to be changed. Approved
N5-020482	Rel-5 CR 29.198-02 Deprecation of P_SET_LENGTH_EXCEEDED	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Update of 379. Approved
N5-020483	Rel-5 CR 29.198-02 Removal of MIDL	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR (Cat F)	Update of 380 (az). Approved.
N5-020484	Rel-5 CR 29.198-02 Deprecate P_ADDRESS_PLAN_MSMAIL	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR (Cat F)	Update of 381. Updated to 511.
N5-020485	Rel-5 CR 29.198-03 P_SERVICE_INSTANCE in TpDomainID	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Update of 382. Approved
N5-020486	Rel-5 CR 29.198-06 (Mobility error logbook) TpAssignmentID in Mobility	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Update of 383. Approved

N5-020487	Rel-5 CR 29.198-02 Revise the scope of TpSessionID and TpAssignmentID	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Update of 385 (az). Approved.
N5-020488	Rel-5 CR 29.198-02 Support for an Exception Hierarchy	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Update of 387. Updated to 512.
N5-020489	Rel-5 CR 29.198-05 Addition of Support for Network Controlled Notifications UI	Koen Schilders (Ericsson)	7.7.6 Other API (Others)	CR	Update of 455 (az). Approved.
N5-020490	Rel-5 CR 29.198-08 Addition of Support for Network Controlled Notifications DSC	Koen Schilders (Ericsson)	7.7.6 Other API (Others)	CR	Update of 456 (az). Approved.
N5-020491	Rel-5 CR 29.198-11 Addition of Support for Network Controlled Notifications AM	Koen Schilders (Ericsson)	7.7.6 Other API (Others)	CR	Update of 457 (az). Approved.
N5-020492	Rel-5 CR 29.198-01	Lucent Technologies (Andy Bennett)	7 OSA2 / 3GPP Rel-5	CR	Split of 424. Email approved 24/05/2002.
N5-020493	Rel-5 CR 29.198-01	Lucent Technologies (Andy Bennett)	7 OSA2 / 3GPP Rel-5	CR	Split of 424. Email approved 24/05/2002.
N5-020494	Rel-5 CR 29.198-03	Lucent Technologies (Andy Bennett)	7 OSA2 / 3GPP Rel-5	CR	Split of 426. Email approved 24/05/2002.
N5-020495	Rel-5 CR 29.198-03	Lucent Technologies (Andy Bennett)	7 OSA2 / 3GPP Rel-5	CR	Split of 426. Email approved 24/05/2002.
N5-020496	Rel-5 CR 29.198-03	Lucent Technologies (Andy Bennett)	7 OSA2 / 3GPP Rel-5	CR	Split of 426. Email approved 24/05/2002.
N5-020497	Rel-5 CR 29.198-03	Lucent Technologies (Andy Bennett)	7 OSA2 / 3GPP Rel-5	CR	Split of 426. Email approved 24/05/2002.
N5-020498	Rel-5 CR 29.198-03	Lucent Technologies (Andy Bennett)	7 OSA2 / 3GPP Rel-5	CR	Split of 426. Email approved 24/05/2002.
N5-020499	Rel-5 CR 29.198-04	Lucent Technologies (Andy Bennett)	7 OSA2 / 3GPP Rel-5	CR	Split of 427. Email approved 24/05/2002.
N5-020500	Rel-5 CR 29.198-04	Lucent Technologies (Andy Bennett)	7 OSA2 / 3GPP Rel-5	CR	Split of 427 (same change as Part 5 CR in 501). Email approved 24/05/2002.
N5-020501	Rel-5 CR 29.198-05	Lucent Technologies (Andy Bennett)	7 OSA2 / 3GPP Rel-5	CR	Split of 427 (same change as Part 4 CR in 500). Email approved 24/05/2002.
N5-020502	Rel-5 CR 29.198-04	Lucent Technologies (Andy Bennett)	7 OSA2 / 3GPP Rel-5	CR	Split of 427. Email approved 24/05/2002.
N5-020503	Rel-5 CR 29.198-04	Lucent Technologies (Andy Bennett)	7 OSA2 / 3GPP Rel-5	CR	Split of 427. Email approved 24/05/2002.
N5-020504	Rel-5 CR 29.198-06	Lucent Technologies (Andy Bennett)	7 OSA2 / 3GPP Rel-5	CR	Split of 429. Email approved 24/05/2002.
N5-020505	Rel-5 CR 29.198-08	Lucent Technologies (Andy Bennett)	7 OSA2 / 3GPP Rel-5	CR	Split of 430. Email approved 24/05/2002.
N5-020506	revision of References in 28.198-01	Ultan Mulligan, ETSI PTCC	7 OSA2 / 3GPP Rel-5	CR	Update of 442. Email approved 30/05/2002.
N5-020507	201 915-13 Updated Draft v.0.0.4 Policy Management	Ultan Mulligan, ETSI PTCC	7.6 Policy Management	TS	Update of 350

N5-020508	29.198-13 Updated Draft v.1.0.x - 3GPP Policy Management	Ultan Mulligan, ETSI PTCC	7.6 Policy Management	TS	Update of 351 (Consider 365)
N5-020509	201 915-14 Revised Draft v.0.0.x PAM	Teltier (Guda Venkatesh)	7.2 PAM	TS	Update of 450 (Consider 373). Email approved 24/05/2002.
N5-020510	29.198-14 Revised Draft v.1.0.x - 3GPP PAM	Teltier (Guda Venkatesh)	7.2 PAM	TS	Update of 451 (Consider 373). Updated to 516.
N5-020511	Rel-5 CR 29.198-02 Deprecate P_ADDRESS_PLAN_MSMAIL	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR (Cat F)	Update of 484. Email approved 24/05/2002.
N5-020512	Rel-5 CR 29.198-02 Support for an Exception Hierarchy	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Update of 488. Email approved 24/05/2002.
N5-020513	Rel-5 CR 29.198-04 Addition of type TpVersion in common data	Koen Schilders (Ericsson)	7 OSA2 / 3GPP Rel-5	CR	Update of 468. Email approved 24/05/2002.
N5-020514	Rel-5 CR 29.198-01: Addition of text describing the technology realisations of the OSA specification	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Update of 452. Updated to 520.
N5-020515	Rel-5 CR 29.198-04 Addition of MMCC APIs	Ericsson	7 OSA2 / 3GPP Rel-5	CR	Update of 420. Email approved 24/05/2002.
N5-020516	29.198-14 Revised Draft v.1.0.y - 3GPP PAM	Ultan Mulligan, ETSI PTCC	7.2 PAM	TS	Update of 510.
N5-020517	29.998-04-4 V1.1.0	Lucent Technologies (Musa Unmehopa)	7.3.1 3GPP IMS related Call Control	TR	Update of 355. Email approved 24/05/2002.
N5-020518	CR to update clause 4 of 29.198-4 for Release 5	Ultan Mulligan, ETSI PTCC	7 OSA2 / 3GPP Rel-5	CR	Email approved 30/05/2002.
N5-020519	CR to make split of 29.198-4 into 4 parts, and to identify the scopes of each.	Ultan Mulligan, ETSI PTCC	7 OSA2 / 3GPP Rel-5	CR	Email approved 30/05/2002.
N5-020520	Rel-5 CR 29.198-01: Addition of text describing the technology realisations of the OSA specification	Sun Microsystems (Gary Bruce)	7 OSA2 / 3GPP Rel-5	CR	Update of 514. Email approved 27/05/2002.

List of incoming LSs

Tdoc list for your selected
This report contains 4 records

Meeting: N5-18
Target or copy filter: off
Destination filter: N5
Done-filter: off

S1-020860	LS from S1 to N5 : Response LS to SA3 on new security requirements for LCS
S2-021466	LS copy from S2 to N5 : LS back to SA1and SA3 on enhanced user privacy and new security requirements for LCS.
S2-021513	LS from S2 to N5 : Liaison Statement on GUP work progress
T2-020513	LS from T2 to N5 : LS-reply on Joint Meeting SA5/CN5/T2 on MMS charging

Annex C: List of Participants

Chairman		
ABARCA Chelo	ALCATEL S.A.	FR
MOERDIJK Ard-Jan	ERICSSON L.M.	SE
ViceChairman		
UNMEHOPA Musa	Lucent Technologies B.V.	NL
PROJECT_MGR		
ZOICAS Adrian	ETSI Secretariat	FR
ACHTER Johannes	T-Mobile AUSTRIA	AT
BENNETT Andy	Lucent Technologies N. S. UK	GB
BISCHINGER Kurt	T-Mobile AUSTRIA	AT
BRUCE Gary	Sun Microsystems Ltd	GB
DINALE Liliana	ERICSSON L.M.	SE
FALTER Birgit	ERICSSON L.M.	SE
GULLINO Roberto	TELECOM ITALIA S.p.A.	IT
HAYES Stephen	Ericsson Inc.	US
HE Xiaoyan	Agilent Technologies Japan Ltd	JP
HUMPHREY Jane D	MARCONI COMMUNICATIONS	GB
LUNDQVIST Anders	Incomit AB	SE
MARTIN Maurice	VODAFONE LTD	GB
MEYER Pauline	France Telecom	FR
MULLIGAN Ultan	ETSI Secretariat	FR
MURRAY Eamonn	AePONA LTD	GB
RAMANAN Sivasubramaniam	NEC EUROPE LTD	GB
SAARENPAA Matti	NOKIA Corporation	FI
STRETCH Richard	BT Group Plc	GB
TWEEDIE David	NORTEL NETWORKS (EUROPE)	GB
VENKATESH Guda	Teltier Technologies	US
ZEISS Joachim	PARLAY GROUP	US

Number of Attendees: 25

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