



Meeting Report
TSG CN WG5#6
Vienna, Austria
17th - 19th of October 2000

Chairman: Lucas Klostermann (Ericsson)

Secretary: - (None available from 3GPP support team (MCC) during the meeting.

Per Johan Jorgensen did the post-meeting work)

Host: Telekom Austria

List of participants: Not available

Output documents: Annex A

Tdoc list with status : Annex B

Documents could be found on the 3GPP-server:

ftp://ftp.3gpp.org/TSG_CN/WG5_osa/TSGN5_06_Vienna/Docs

1 Opening of the meeting and approval of the agenda

The Chairman of N5, Lucas Klostermann opened the meeting

N5-000190 : Agenda

Lucas Klostermann presented a proposed agenda for the meeting.

Discussion: The agenda was approved.

Conclusion: Approved

2 Allocation of documents to agenda items

N5-000201, source : Agenda Allocation (not available to the server)

Lucas Klostermann presented a document with a proposal with allocation of documents to agenda items.

3 Reporting

3.1 CN5#6

Bristol meeting report No comments. Agreed.

To be found in ftp://ftp.3gpp.org/TSG_CN/WG5_osa/TSGN5_05_Bristol/Report/

4 Input liaison statements: allocation to agenda items as appropriate

TDoc #	Spec	CR	Re	Cat	Source	Title	Conclusio	Comments
N5-000229					S1	Liaison Statement on connectivity management and virtual operator concept, answer to N5-000182 and N5-000183	Noted	

5 Change Requests for UMTS R99 OSA (29.198 or 29.998)

TDo	Spec	CR	R	Cat	Source	Title	Conclusio	Comments
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N5-000-192	29.998	004		F	Nokia	Removing the restriction of not being able to invoke subsequent routeReq methods	Agreed	To be included in 120075 To be included in R99 via CR eventually
N5-000-193	29.998	005		E	Nokia	Method and operation name corrections and other clarifications in the mapping document	Agreed	To be included in 120075 To be included in R99 via CR eventually
N5-000-194	29.998	006		F	Nokia	Removal gsmSCFAddress from AnyTimeInterrogationError in periodicLocationReport	Agreed	
N5-000-195	29.998			F	Nokia	Removal of chapter 10	Rejected	Scope will be enhanced to cover content Revised scope will be provided

N5-000-196	29.998	007		E	Nokia	Chapter numbering corrections	Agreed	
N5-000-197	29.998			F	Nokia	TriggeredLocationReportErr mapping from a failed AnyTimeModification	Revised in Tdoc N5-000230	But with changing CSE into GsmSCF Changes provided as document 230
N5-000-198	29.998	009		F	Nokia	Timestamp in triggeredLocationInformation CSE SCS's local time	Agreed	To be included in 120075 To be included in R99 via CR eventually
N5-000-199	29.198	025		F	Nokia	Removal of the originatingAddress from the connectReq method in IpDataSession	Agreed	Issue that application should not be able to change originating address for data session supervision. This is also not supported in CAMEL. To be included in 120070 To be included in R99 via CR eventually

N5-000-205					Lucent	Proposed Changes to 3G TS 29.198 v3.1.0	Noted	<p>Different points, with resolution:</p> <ul style="list-style-type: none"> -first two editorials accepted. -Change in userlocation report error NOT agreed. -Reporting of errors on per user basis via LocationReportRes -double IDL fix accepted -callback and heartbeat withdrawn -general checking on call back status -change of 'readonly' in IDL only, not the table as suggested -missing syntax acceptedSTD; should be TASK refused. Accepted -.removal of SDL, accepted
N5-000-206	29.198				Lucent	Exception Handling in the Framework, 3G TS 29.198 v3.1.0	Agreed	<p>Agreed to provide this information in method description.</p> <p>Contributions invited (including 23.127)</p> <p>Keep general methods in separate section, as much as possible.</p> <p>Especially here at parameter level, so can only be done by text.</p>
N5-000-207					Lucent	Request for Clarifications on 3G TS 29.198 v3.1.0	Withdrawn	<p>STD withdrawn. Default values not specified, but on case by case basis. Can be network specific. Default duration is used in several places, so cannot be done in data definition.No IDL mapping. Mapping to Corba IDL is done via void/exception,- withdrawn.Similar issue with enumeration.ServiceType, ServiceProperties definition.Issue on service type in 200 as well. Decided to make issue list of it, if after discussions with Framework editor issues remain. Discussions with clarifications took place, answers should be captured.</p>
N5-000-216	29.198	026		F	Ericsson	Alignment between new ETSI document for common data and TS29.198	Revised in Tdoc N5-000233	<p>As result of investigation on consistency. Agreed as CR.However, descriptions were not updated everywhere.New document number 233.</p>

N5-000-230	29.998	008		F	Nokia	TriggeredLocationReportErr mapping from a failed AnyTimeModification	Agreed Revision of Tdoc N5-000197	
N5-000-233	29.198	026	1	F	Ericsson	Alignment between new ETSI document for common data and TS29.198	Not available. Revision of Tdoc N5-000216	

6 Organisational aspects of UMTS R00 OSA activities

6.1 API's for OSA version1: ES120070

TDo	Spec	CR	R	Cat	Sourc	Title	Concl	Comments
N5-000-186					BT	New_Generic_User_Interaction_2	Noted Revised in Tdoc N5-237	Drafting session on it. New version in 237. Two issues left: -data definition Uicall deassigned/ended -possibly small difference between full STD and 3GPP STD. To be resolved, keep full STD in 12070.

N5-000187				BT	New_Data_Session_Cont rol_2	Noted	Exact copy of 3GPP (material from 23.127 and 29.198)
N5-000189				BT	New_Terminal Capabilities_2	Noted	Exact copy of 3GPP (material from 23.127 and 29.198)
N5-000191				BT	Various repeated sections of draft ES1200070	Noted	Exact copy of 3GPP (material from 23.127 and 29.198)
N5-000202				Ericsson	Framework-client interface from model	Postponed	202-204 and 210-215 not discussed yet. Decided to have phased approach: -focus on stable and consistent 12070 now- -distribute call control UML model for contributions to be based on. Adaptions resulting from the call control drafting will be incorporated still. -in parallel work on reproducing 12070 from the model (also partly sanity check of 12070) -still, use the documents 210-215 (only interface definition and STD's) as starting point for checks

N5-000-203					Ericsson	Framework-service interface from model	Postponed	
N5-000-204					Ericsson	CC-IF from model	Postponed	
N5-000-208					Alcatel	APIs for Third Party Service Applications: Framework	Noted	Exact copy of 3GPP framework (material from 23.127 and 29.198). Only Information Flows from Parlay still to be included.
N5-000-209					Alcatel	Comments on structure and generic part of 03070	Noted	Discussed on main points. Drafting on chapter 1-4 done, to be distributed and discussed over mail and discussed. This is given document number 238. Discussion on Framework interfaces '1' and '3' in figure. Resolution that interfaces '1' (application-framework) and '3' (service-framework) stay as ONE part, while the interface '3' has the scope as in 3GPP (which is smaller than in Parlay).
TDo	Spec	CR	R	Cat	Sourc	Title	Concl	Comments
N5-000-210					Ericsson	Connectivity Management interface from model	Postponed	
N5-000-211					Ericsson	Generic User Interaction interface from model	Postponed	

N5-000212					Ericsson	Data Session Control interface from model	Postponed	
N5-000213					Ericsson	Generic Messaging interface from model	Postponed	
N5-000214					Ericsson	User Location interface from model	Postponed	
N5-000215					Ericsson	Terminal Capabilities interface from model	Postponed	
TDo	Spec	CR	R	Cat	Sourc	Title	Concl	Comments
N5-000227					Siemens	User Location	Revised in Tdoc N5-000236	<p>Drafting session on it, which resulted in 236 (new version plus issue list) Main issue is addition of 3GPP error codes (privacy related).</p> <p>Possibly CR to 3GPP needed (error codes in stage 3?).</p> <p>In General for the drafting documents: All parts should be distributed over the N5 mailing list by the end of the week of the 23rd. Call Control/UI parts should be distributed over the Parlay call control mailing list as well (before having sorted out the CN5-JointCallControl mailing list, enabling people on the Parlay list to send mails to that one as well).Part numbers shall be allocated to the different parts.</p>
TDo	Spec	CR	R	Cat	Sourc	Title	Concl	Comments

N5-000-235					Drafting group/Marconi	Changes to be done in the ETSI doc (CallControl open issue list)	Noted	Result of drafting session on earlier version. Main issues still: <ul style="list-style-type: none"> · how to deal with 3GPP subset in 120070 discussion on it. Basically no visibility in 120070 itself. There will be working document within the joint ETSI/Parlay/3GPP group which states which interfaces in 120070 are part of 3GPP R99, R4 and R5. For R99 this is only administration. For R4 and R5 the goal is also to avoid discussions at the moment when extracting R4 out of 120070. If there are any specifics (e.g. missing operations) this will be handled in the mapping document to the 3GPP protocols). · STD, issue similar as with 186 (UI) · base class; IpInterface versus iPOSA Using IpInterface as base class would require CR to 3GPP, and request to Parlay (not only CC, that is in our hands) to change IpParlay to IpInterface. Using IpOSA would require Parlay to change IpParlay to IpOSA. Richard will raise the issue within Parlay. For our group the issue is not technical, so await response from Richard. This is related to IDL name space issue. Would 'OSA' be acceptable here as well (interface is TOO generic...).
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TDo	Spec	CR	R	Cat	Source	Title	Conclusion	Comments
N5-000-236					Drafting group/Siemens	Errors which are required in 23127 but missing in 120070/Parlay 2.1 (User location after drafting)	Noted. Revision of Tdoc N5-000227	
N5-000-237					Drafting group/BT	New_Generic_User_Action_3	Noted. Revision of Tdoc N5-000186	
N5-000-238					Drafting group/Alcatel	Comments on structure and generic part of 03070,- new intro chapters after drafting	Noted. Revision of Tdoc N5-000209	

6.2 API's for OSA version3: ES120076

7 Technical on R4 OSA

7.1 API's for OSA version 1

TDo	Spec	CR	R	Cat	Source	Title	Conclusio	Comments
N5-000185					BT	Issues list for Parlay 2	Postponed	Not discussed. During meeting answers/comments were drafted. These answers/comments should be further prepared between now and next meeting.
N5-000200		Not a CR			Nokia	SCF discovery issues in the Framework	Noted	Raises issue of serviceType definitions Standardization of serviceType definitions? Additional method onFW during registration? Discussion will be continued on mail exploder (CN5 exploder)
N5-000222					Alcatel	High-level Call Control alignment issues raised by JAIN	Noted	Discussed in conjunction with 226, and discussion captured in N5-00234 as well.
N5-000226					BT	Alignment issues	Noted	Discussed at length. Result of discussion is captured in mainly the right column of the table in N5-00234, a draft of a liaison to be sent to JAIN.
N5-000232					BT	Three slides on JAIN alignment	Not available	
N5-000234					CN5 chair	Draft of liaison to JAIN (Based on 226 and discussions on it)	Noted	

Further comments to N5-000226: No decisions yet, but investigation of possible solutions, with identification of technical issues to be further investigated, with consequences.

Major thing is that alignment is focussed on Multi-Party Call Control. This can possibly lead to different inheritance tree, where MPCC does not inherit from GCC anymore.

Next meeting should make decisions based on technical more detailed contributions.

7.2 API's for OSA version 2

TDo	Spec	CR	R	Cat	Source	Title	Conclusion	Comments
N5-000188					BT	Issues list for Parlay 3	Noted	
N5-000219					alcatel	Get user calls method	Postponed	

8 Technical R4; mapping

TDo	Spec	CR	R	Cat	Source	Title	Conclusion	Comments
N5-000220					Alcatel	API SIP Mapping for OSA related to the Media channel monitoring	Postponed	
N5-000221					Alcatel	API for OSA call control issues related to the Media channel monitoring	Postponed	
N5-000223					Alcatel	Closing of a media channel by the application	Postponed	
N5-000224					Alcatel	Packages for the support of MRF/SRF	Postponed	
N5-000225					Alcatel	API for OSA/INAP mapping for user interaction	Postponed	

9 Joint session CN5/SA1/SA2

9.1 Planning

Planning for VHE work item is mainly targeting for 3GPP release 5.

Only for User Profile the planning for S1 and S2 is such that N5 could maybe provide API's for that.

The question is however to what extent this is sensible.

N5 should closely monitor the work of S1 and S2 on VHE, and as much as possible prepare the work.

Planning for OSA work item is less architecture driven, and inclusion of new Service Capability Features in the OSA architecture can be more directly dealt with between S1-N5 (although S2 will be involved if architectural issues arise).

- The Service Capability Feature that S1 thinks is most appropriate for R4 is an 'E-commerce' interface. This should not be confused with the call-based charging we already have. The E-commerce interface can e.g. be seen as an API towards an on-line account.
- Regarding Multi Party Call Control:

The joint CN5/ETSI/Parlay API group will be able to provide a multiparty call control API which is suitable for standard SIP and wireline INAP. At the time of R4 it is foreseen that 3GPP SIP basic call flows, including stage 3, will be ready.

It was however stressed that 3GPP SIP (multimedia) and also CAMEL Call Party Handling, are only part of Release 5. Therefore, it was concluded that releasing multiparty call API for release 4 is not appropriate.

It was however stated that INAP CS1 (or variants of it) is supported in GSM/UMTS networks as well, which justifies a fuller call control API in UMTS/GSM networks as well.

INAP is however not an 3GPP standard

Also, the question was raised on requirements for multiparty (for R5) in S1.

- For the joint ETSI/3GPP/Parlay work the conclusion is that we continue as we are:

Work on multiparty call control making sure it works well with circuit switched and voice over IP (SIP). For the moment focus on wireline access, under the assumption that at API level the impact of including wireless access (SIP and/or circuit switched via CAMEL) will be minimal if any.

Keep time reserved for maintenance of e.g. Framework, User Location (new requirements?)

Keep close eye on S1/S2 requirements, make sure we provide API's for SCF requested for Release 4

9.2 New requirements as proposed by CN5

Connectivity management

- made clear that this would have no relation to data session supervision. This would be a separate SCF.
- it was raised that the API should be related to architecture work on QoS. It was however also clarified that the API is complementary to the core network QoS mechanisms, and is not intended to be an alternative for them.
- S1 invites people to come and motivate and explain this in the S1-OSA meeting, rather than via liaison

Enterprise operator

- S1 was interested not so much in business model (not proposed as part of standard) only, but would like more clarity on impact of business model motivations on functional requirements.
- S1 invites people to come and motivate and explain this in the S1-OSA meeting, rather than via liaison

TDo	Spec	CR	Rev	Cat	Sourc	Title	Conclusion	Comments
N5-000217					Alcatel	Liaison Statement to S1 on the concept of Enterprise Operator: Tdoc N5-000183	Noted	This is a proposal not only to introduce the enterprise operator, but also to introduce access to the Framework from the consumer domain. Subscriber authorizes end-users to use applications, authorization. This would be different use of the Framework. It was questioned why there was no service interface (interface '2'). Scalability concerns were raised (consumer requirements compared to enterprise). Subscriber authorizes end-users to use applications.
N5-000218					Alcatel	Liaison Statement to S1 on connectivity Management	Noted	Support for requirement

N5-000231					IGC/MCC	Workplan	Postponed	Not discussed explicitly.
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9.3 Alignment

Two CR's to 23.127

SA50 withdrawn

Data session parameter removed in 29.198 instead (this meeting)

SA51

Get terminal capabilities change. Status code removed.

Agreed.

10 CN5 follow up of joint session

Not explicitly done, conclusion was already drawn in joint meeting, see planning part above

11 Liaisons out

12 AOB

TDo	Spec	CR	R	Cat	Source	Title	Conclusion	Comments
N5-000228					SPAN6	SPAN6 requirements	Information	

Next meeting in US confirmed by Motorola.

Town to be decided. Close to San Diego would be nice for some participants that participate in IETF as well.

Meeting 7-8 November should hammer out meeting schedule for next year.

Appendix A, Output documents

Agreed Change Requests only

TDoc #	Spec	CR	Rev	Cat	Source	Title
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N5-000199	29.198	025		F	Nokia	Removal of the originatingAddress from the connectReq method in IpDataSession
TDoc #	Spec	CR	Rev	Cat	Source	Title
N5-000192	29.998	004		F	Nokia	Removing the restriction of not being able to invoke subsequent routeReq methods
N5-000193	29.998	005		E	Nokia	Method and operation name corrections and other clarifications in the mapping document
N5-000194	29.998	006		F	Nokia	Removal gsmSCFAddress from AnyTimeInterrogationErr in periodicLocationReportErr
N5-000196	29.998	007		E	Nokia	Chapter numbering corrections
N5-000230	29.998	008		F	Nokia	TriggeredLocationReportErr mapping from a failed AnyTimeModification
N5-000198	29.998	009		F	Nokia	Timestamp in triggeredLocationInformation CSE SCS's local time

Appendix B, Tdoc list

TDoc #	Spec	CR #	R	Cat	V	Title	Source	WI	Conclusion
N5-000185						Issues list for Parlay 2	BT		Postponed
N5-000186						New_Generic_User_Interaction_2	BT		Noted Revised in Tdoc N5-237
N5-000187						New_Data_Session_Control_2	BT		Noted
N5-000188						Issues list for Parlay 3	BT		Noted
N5-000189						New_Terminal Capabilities_2	BT		Noted
N5-000190						Draft Agenda for CN5#6 meeting	CN5 Chair		Agreed
N5-000191						Various repeated sections of draft ES1200070	BT		Noted
N5-000192	29.998	004		F	3. 1. 0	Removing the restriction of not being able to invoke subsequent routeReq methods	Nokia	OS A	Agreed

N5-000193	29.998	005		E	3. Method and operation name corrections 1. and other clarifications in the mapping 0 document	Nokia	OS A	Agreed
N5-000194	29.998	006		F	3. Removal gsmSCFAddress from 1. AnyTimeInterrogationErr in 0 periodicLocationReportErr	Nokia	OS A	Agreed
N5-000195	29.998			F	3. Removal of chapter 10 1. 0	Nokia	OS A	Rejected
N5-000196	29.998	007		E	3. Chapter numbering corrections 1. 0	Nokia	OS A	Agreed
N5-000197	29.998			F	3. TriggeredLocationReportErr mapping 1. from a failed AnyTimeModification 0	Nokia	OS A	Revised in Tdoc N5-000230
N5-000198	29.998	009		F	3. Timestamp in 1. triggeredLocationInformation CSE 0 SCS's local time	Nokia	OS A	Agreed
N5-000199	29.198	025		F	3. Removal of the originatingAddress from 1. the connectReq method in 0 IpDataSession	Nokia	OS A	Agreed
N5-000200		Not a CR			SCF discovery issues in the Framework	Nokia		Noted
N5-000201					Allocation of documents	CN5 chair		Not available
N5-000202					Framework-client interface from model	Ericsson		Postponed
N5-000203					Framework-service interface from model	Ericsson		Postponed
N5-000204					CC-IF from model	Ericsson		Postponed
N5-000205					Proposed Changes to 3G TS 29.198 v3.1.0	Lucent		Noted
N5-000206	29.198				Exception Handling in the Framework, 3G TS 29.198 v3.1.0	Lucent	OS A	Agreed
N5-000207					Request for Clarifications on 3G TS 29.198 v3.1.0	Lucent		Withdrawn
N5-000208					APIs for Third Party Service Applications: Framework	Alcatel		Noted
N5-000209					Comments on structure and generic part of 03070	Alcatel		Noted

N5-000210					Connectivity Management interface from model	Ericsson		Postponed
N5-000211					Generic User Interaction interface from model	Ericsson		Postponed
N5-000212					Data Session Control interface from model	Ericsson		Postponed
N5-000213					Generic Messaging interface from model	Ericsson		Postponed
N5-000214					User Location interface from model	Ericsson		Postponed
N5-000215					Terminal Capabilities interface from model	Ericsson		Postponed
N5-000216	29.198	026	F	3.1.0	Alignment between new ETSI document for common data and TS29.198	Ericsson	OSA	Revised in Tdoc N5-000233
N5-000217					Liaison Statement to S1 on the concept of Enterprise Operator: Tdoc N5-000183	Alcatel		Noted
N5-000218					Liaison Statement to S1 on connectivity Management	Alcatel		Noted
N5-000219					Get user calls method	alcatel		Postponed
N5-000220					API SIP Mapping for OSA related to the Media channel monitoring	Alcatel		Postponed
N5-000221					API for OSA call control issues related to the Media channel monitoring	Alcatel		Postponed
N5-000222					High-level Call Control alignment issues raised by JAIN	Alcatel		Noted
N5-000223					Closing of a media channel by the application	Alcatel		Postponed
N5-000224					Packages for the support of MRF/SRF	Alcatel		Postponed
N5-000225					API for OSA/INAP mapping for user interaction	Alcatel		Postponed
N5-000226					Alignment issues	BT		Noted

N5-000227					User Location	Siemens		Revised in Tdoc N5-000236
N5-000228					SPAN6 requirements	SPAN6		Information
N5-000229					Liaison Statement on connectivity mngment and virtual operator concept, answer to N5-000182 and N5-000183	S1		Noted
N5-000230	29.998	008		F	3. TriggeredLocationReportErr mapping from a failed AnyTimeModification	Nokia	OS A	Agreed Revision of Tdoc N5-000197
N5-000231					Workplan	IGC/MC C		Postponed
N5-000232					Three slides on JAIN alignment	BT		Not available
N5-000233	29.198	026	1	F	3. Alignment between new ETSI document for common data and TS29.198	Ericsson	OS A	Not available. Revision of Tdoc N5-000216
N5-000234					Draft of liaison to JAIN (Based on 226 and discussions on it)	CN5 chair		Noted
N5-000235					Changes to be done in the ETSI doc (CallControl open issue list)	Drafting group/M arconi		Noted
N5-000236					Errors which are required in 23127 but missing in 120070/Parlay 2.1 (User location after drafting)	Drafting group/Siemens		Noted. Revision of Tdoc N5-000227
N5-000237					New_Generic_User_Interaction_3	Drafting group/B T		Noted. Revision of Tdoc N5-000186
N5-000238					Comments on structure and generic part of 03070,- new intro chapters after drafting	Drafting group/Al catel		Noted. Revision of Tdoc N5-000209
N5-000239					Preliminary meeting report	CN5 chair		Noted