3GPP TSG_CN WG 5/Parlay/ETSI SPAN12 WG 5 Meeting #10, Antwerp, Belgium 5th -7th March 2001

Source: CN 5 Chairman

lucas.klostermann@eln.ericsson.se

Title: Report Wednesday

Agenda item: 1

Document for: APPROVAL

Agenda item	Agenda item title	Tdoc 3GPP N5-00	Title	Source	Result	
1	Opening and approval agenda	10101	Proposed agenda	N5 chairman		
2	Allocation of documents	10102rev2	Document allocation	N5 chairman		
3	Reporting					
3.1	CN5	10096	Report Helsinki	N5 chairman	Agreed	
		10097	Annex to Helsinki report	CNN	Add parlay chairs/co-chairs	
					Pointed out that our meetings should not be one week prior to 3GPP CN	
					Part numbering should be consistent (part 11, part 12)	
					Agreed with those comments	
			charging	SPAN12 chairman	Agreed.	·
					Will be incorporated in 0096, new number 234	
3.2	JointAPI AdHoc charging	183			Noted, further discussed in 5.10	

3.3	JointAPI AdHoc CC				Single IDL name space agreed by Parlay, 'gesundheit' proposed ;-) STD on MPCC and CallLeg agreed and proposed to this meeting	
3.4	SA2	222	report	Vice-chair		
4	Liaison Statements					
		105		S1	Noted	
		106		S1	Noted	
		107		T2	Noted, version 5 issue	
		<mark>142</mark>	IP-MM release 5	S2	Version 5 issue	
5	API interfaces OSA version 1					
5.1	status 12070				All word documents, accept GenericMessaging, distributed	
					IDL for all R4 interfaces, except UI has been distributed	
					Take interfaces that are ready, as proposal to version 4 New interfaces to lower version	
		178	IDL for DSC, Mobility, TermCaps	ETSI-PTCC	Noted, agreed	
		166	Exception handling	sun	Editors will propose a list of exceptions per method. Account Mgt, Call Control (help from Andy), Data Session Control	
					How to deal with this list decide in May	

5.2	Overview	103	120070 Part 1 v002 contribution	Ericsson	Change sentence on 'collaboration', to be done in all other Parts as well Also use first paragraph in scope of other Parts as well Include references URL Structure of documents in Scope/Foreword Part 11/12 interchanged plus correct naming Account Management SCF	
					Use of 'service'	
					Figure mention all interfaces in text, not part of	
					Name space to be updated with agreed name 'gesundheit ;=)	
					IDL reference to be included in other Parts as well	
					'references' to parameters-references	
					Update will be presented to meeting N5-010214	
5.3	Common Data					
		213	120070 part 2 v002 Common Data IDL	Ericsson	Section 4 to be removed. Content captured in Part 1. TpAddressPlan –1 valueissue To be resolved off-line MS Mail was removed in 3GPP, kept in ETSI and Parlay In IDL kept Agreed to not refer to Msmail in our specs (ETSI/3GPP), see what is best way out towards Parlay. Change name to 'P-address plan not used' is proposed Typo corrected Agreed to have comments removed from published IDL	
5.4	Framework					

220	Framework with terminology allignment	Alcatel	Not discussed due to decision on 221
221	Corrections in the use of term 'service'	Alcatel	Reservations from 'Parlay-side', not to have SCF
			Proposal to have it in 'terminology' section where appropriate; Will be done in 'Overview' Part 1.
			Still, SCF being service, SCS being entity supporting SCF
			Not agreed.
177	120070 part 2 v002	ETSI PTCC	Noted, agreed
179	Framework IDL	ETSI PTCC	Identified needed changes agreed
195	Framework Authentication	Incomit	IpAPIlevelAuthentication agreed instead of IpOSAAuthentication
			Agreed
110	New service event notification	Alcatel	Clarification will be added that it is Available, not only registered (so after announce availability).
			Clarifying text will be added to put the Notification sequence in context. Explaining the possibilities the application has, once it has received the notification
			ServiceID, in line with 207, to be discussed later
			Suggestion to include URL as well, to provide application with a web-page giving more information about the servicecontribution invited
			Agreed to include as it is technically.
			Suggestion for contribution to take continuation of 207 in combination with possibly providing ServiceID directly in Notification.
111	Framework notification alignment	Alcatel	CreateNot should be createNot (capitals)
			Agreed
206		Lucent	Agreed
			Proposal to be further implemented (method description), but agreed already. Editorial.

		207		Lucent	No disagreement in room, but more time requested
		208		Lucent	Principle agreement that it is useful to 'unannounceService', so that applications using the Service can continue, while new applications can not gain access
					Going from that state to Unregistered?
					Precise method descriptions, behaviour, and thus also State Transition Diagram needs more work
		209		Lucent	Agreed with changes of parameters to 'encryption' as well
		210		Lucent	Request, Success, Error? Not really applicable here. More reasons needed?
					No conclusion at this meeting. Sequence would clarify more, with motivation. Concern raised not to change things on authentication too quickly,
		223	XML	Incomit	Service properties defined in XML (GCC, MPCC, UI)
					Configuration management issue raised. One base file (generic), which is copied in DTD file for per service? Concern is the flexibility to add new services as independently as possible
					Mobility to be included in XML
					Agreed that we should aim for Release 4 (ETSI version 1), include in with CR's once total picture is clear
		184	Framework sequence diagrams	Alcatel	Based 111, providing clarification to eventNotify
5.5	Mobility				

		171	120070 part6 v002	ETSI PTCC	Question raised whether UserLocation is needed for releae 4 (S1 req's) Requirements are covered by two interfaces (user location and user location Camel). Including geographic positioning. Agreed, allthough some reservations on use of two interfaces. EmergencyUserLocation not part of 3GPP R4 Properties: Strict typing of mobility properties? No work on it now. General CR will be provided later, introducing XML. IDL; one error fixed in IDL (178) SHAPE_SHAPE taken out, to be corrected in Part 6 as well.
5.6	Data Session Control				
			120070 part 8 v002	ETSI PTCC	
		189	120070 part 8 v003 contribution	Lucent	GetCriteria needs to be updated still Suggestion to introduce base class for serviceManager, not for this version. IDL (178): EventCriteriaResult. Structure was missing. But identified that there is no use for it. So will be removed from all Managers. Certainly in DataSessionControl. Also CallControl. Editors will check whether applicable in their document. Assumption now that it will disappear from all Parts.
5.7	Terminal Capabilities				
		173	120070 part 7 v002	ETSI PTCC	
		140	Terminal Capabilities changes	Nokia	References will be updated Agreed. But idl-file reference will stay, but with proper file name

		141	Terminal Capabilities CR	Nokia	Agreed that it is an error. So have CR to correct error	
					Agreed to have CR.	
5.8	User Interaction					
		172	120070 part 5 v003	ETSI PTCC		
		203	MPCC in UI	Ericsson	Suggestion not to use PeerObject, but UITargetObject	
					Agreed with this change.	
5.9	GCC/MPCC					
		176	120070 part 4 v003	ETSI-PTCC		
		124	New Call State Transition Diagram	Ericsson	Discussed in drafting session	
		112	MPCC Call Interface	Alcatel	Agreed, but identified potential error to be checked: GetCallLegs parameters in method description	
					Clarified that getMoreDialedDigits in on per leg basis now (first leg)	
		113	MPCC CallLeg Interface	Alcatel	Agreed	
					TpSuperviseTreatment TpChargePlan will be proposed instead of 'call' In separate contribution Will be provided later	
					Check whether confusion with DataSessionControl interface	
					Туро:	
		114	MPCC CallLeg STD	Alcatel	Discussed in drafting session	
		117	MPCC event monitoring refinement	Alcatel	Sugestions: origin in TpEventInfo Clarify terminology internal/external Problem since origin part of event criteria as well Postponed to drafting session	

119	Call Leg deassign	Alcatel	ConnectionEnded changed into calllegended
			Deassign leg. What about the other leg? No impact, other leg still there for application. Mapping to CAP? Needs to be taken into account in properties Agreed
182	MPCC callback	Alcatel	Proposal to have structure of Call and CallLeg references (no two out parameters allowed in e.g. Java) Concern raised that application required to create leg object. But null reference could be returned. Also, optimize for normal case (being call leg being created).
			Agreed.
126	Correction of MPCC references	Ericsson	Agreed Corrections on descriptions to be made still Changed reference to UI covered in contribution introducting 'UitargetObject' 203
118	Removal of GCCS	Alcatel	
127	Removal of GCCS	Ericsson	
170	GCCS	Aepona	
198	Comments to 170	Ericsson	
128	Location of AoC data-types	Ericsson	Question whether this is so explicit data, other common data structures also not used by every interface But support to separate from CC, but is already in Common Data Reservations on separating it in separate .idl file Leave in Common Data part, to be removed from CC .idl file separation deferred untill discussion on 116
201	Call Control IDL	Ericsson	Clarification: IDL related to 176
204	Correction of TpCallAdditionalEventInfo	Ericsson	Agreed

	161	Call Control issues	ВТ	Table suggested for behaviour events including reportTypes.
				As far as behaviour depends on network underneath, best place is in Mapping Document
				Indication that certain reports e.g. only in monitor mode should be part of API itself
				After having clarified STD's, continuation of work will be initiated via mailing list, goal to produce relevant Action Tables for San Diego meeting
	<mark>162</mark>	SIP support	ВТ	Deferred
	116	Charging separation from CC	Alcatel	Deferred
	<mark>167</mark>	STD questions	Telcordia	In drafting session
	168	Call Control Manager cleanup	Telcordia	GetNotification needs to be included in state transition diagramme
				Drafting session; Frans will chair
				Drafting session (green documents):
				Principle agreement on most issues
				CC AdHoc MPCC will be held 18-19-20 April proposed Antwerp:
				Agenda: -Action Tables (2) -Exception lists (3) -STD's (1) -separation of charging and call control (4)
				Output of drafting will be available to the mailing list well before the April. AdHoc output sent out one week after AdHoc. Output has of course status of joint contribution only.

	Decision on GCC and MPCC, what to keep
	Decision on Goo and wir Go, what to keep
	Three options:
	12070 MPCC only R4 MPCC only
	12070 GCC + MPCC R4 GCC meeting provides 29.198v300 12070 GCC + MPCC R4 GCC + MPCC meeting provided 29.198v100 Meeting agreed to Option 3, thus keeping GCC in
	120070 and 3GPP R4, and include MPCC in 120070 and 3GPP R4. This is agreed with the following restrictions/conditions:
	GCC in R4 will be THE SAME as in 12070. Properties set such that the GCC covers the CAMEL network functionality only.
	Clarifying text will be added in the specification to explain why GCC and MPCC are there both, e.g. why inheritance broken, why some structure updates not done to GCC, that we continue the technical work with MPCC, functional enhancements will only be done on MPCC. Errors/technical flaws will be corrected of course.
	It was thus agreed that the level of maintenance is minimal, but that it should be ensured that the R4 Framework should be able to interwork with GCC R4.
	Concern raised on backward compatibility of GCC. It was clarified that there is no impact on Call Control, only update data part of the Framework interaction of application, if the application wants to communicate with a Release 4 Framework
5.10 Content based charging	

	183	Report AdHoc		Output is 211, 212, 194, 152	
				Agreement on decisions taken, with following points:	
				To be decided: To remove IpApp-object-Ref in all SCF for the Req() methods, that do not have a manager (provisional decision to have it removed)	
charging	122	Proposal based on single interface class	Ericsson	See 183	
	123	Proposal based on manager class with separate interface for reservations	Ericsson	See 183	
	125	Proposal for changed TpChargingParameterSet type	Ericsson	See 183	
	150	Comparison of class diagram alternatives	Siemens	Noted	
	137	IpCharging parametrization	Lucent	See 183	
	138	Out parameters separate interfaces	Lucent	See 183	
	139	AppCharging parameter	Lucent		
	191	Service Factory	Lucent	See 183	
	117	Comments on 123	Alcatel		
	211		Ericsson	Update of 122	
	212		Ericsson	Update of 123	
	152		Siemens	Example of Set, as requested in 183	
Account mgt				Issue raised on SA5 SA5 has been informed of our Content Based Charging Account Management needs to be informed to SA5 Rating feature in the charging service. Is this in line with SA5 views?	
	185	Accurate balance price	Lucent	See 183	
	186	Data type description	Lucent	See 183	

	187	Updated IDL account management	Lucent	See 183 Update to be done still	
	188	120070 part 11 v002	Lucent	See 183	
	192		Lucent	Revision of 185	
				Concern raised about Int32 being sufficient for some currencies	
				Agreed to include factor No limit in fractional Part	
				10**F*(H*2**32 + L)*0.0001 Factor is not multiplyer, but 10 to the power of	
	193		Lucent		
	194	120070 part 11 v003	Lucent	Update of 188	
				Prefixes 'CS' to be changed into 'AM', as result of split. This contribution is status in Helsinki. Basis for rest of contributions.	
				New number; revision	
	190	Transcation history	Lucent	Set of TransactionHistory still to be implemented Agreed with this note.	
				SA1 still requested for requirements clarification (parameter level).	
	224	Proposed liaison to SA1 on transaction history requirement	Motorola	NOTE; SA1 is meeting NOW Sent to SA1 meeting. Is only question for clarification. Also to be sent to SA5.	
				Noted that AccountManagement work should be sent to SA5 as well.	
	215	120070 part 11 v004	Lucent	Agreed to be provided to 3GPP plenary as part 11 v100, after putting right front page etc. on	
other	116	Charging separation from CC	Alcatel		

					Drafting Group presented compromise solution, with one manager class and a charging session class There were concerns about RateReq Network architectural issue; where is this functionality However agreed in Helsinki to have it. It is initial proposal Agreed to forward proposal including RateReq to plenary as version 1	
					Concerns about parallel reservations Compromise accepted, with understanding that use cases and requirements input can still be motivation for changes. Modelling elegance is not reason for change anymore	
5.11	Other CC interfaces					
5.12	Other Interfaces					
		175	120070 part 10 v001	ETSI PTCC		
6	OSA version 1 mapping					

6.1	status of 12075	130	Mapping status overview	Lucent	How to proceed:
					3GPP (CR's have to be implemented):
					part 4 subpart 1 only new part to be introduced; MPCC-to-CAP (not yet included, but is available)
					part 5 subpart 1 only new subpart SMS subpart 4
					part 6
					part 8
					all dummy parts
					Musa will implement the CR's, taking the material from 29.198v3.2.0
					CR will have to be drafted (explaining)
					Adrian will help to sort out how to minimize the 'thin parts'. Maybe not have them at all?
		131	12075 part 2	Lucent	
		132	12075 part 3	Lucent	
		133	12075 part 7	Lucent	
		134	12075 part 9	Lucent	
		135	12075 part 10	Lucent	
		136	Agreed parts 12075	Lucent	
		160	Standariszation mapping	вт	Not discussed
6.2	GUI-INAP				
6.3	GCC/MPCC-SIP				
6.4	GUI-Megacop				
6.5	Other mapping				

		202	MPCC Mapping	Ericsson	Not discussed	
		169	GUI-SMS mapping	Aepona	DataCodingScheme from initialDPSMS needs to be mapped .	
					Question: Does mapping of GUI to SMS solve notification of SMS being sent from A to B Does it solve blocking of SMS being sent from A to B?	
					Focus of this contribution is SMS to application interaction and vice versa	
					Could be supported via GUI interface: GUI directly on SMSC is possibility (SNMP) Could be developed on MAP-stack	
					New SCF?	
					User Interaction SCF, using it for control of SMS from A to B is expansion of scope of interface Personal interpretation?	
					In IN also CUSF (call unrelated) functionality, sometimes from user to user, sometimes user to service. Also this can be mapped to both mechanisms.	
					Proposal to combine control of UI with UI between application and user, and enhance it. Still, do we go this way in the future? Suggestion to specialize GUI towards non-call related user interaction/messageing.	
					Agreed to include this mapping in 120075 and to 3GPP R4	
					How do we include it Subpart of UI mapping? Or separation per protocol? Separate SubPart agreed. Later restructuring USSD? Not for now.	
7	Preparation Release 4					

					Ultan:
					225-229 are draft parts of 29.198 part 1, 5,6,7,8 are provided in 3GPP format
					parts 2 relatively quickly Parts 3, 4 parts 11, 12 will be made available Friday evening
					Everything will be under CR control, apart from 4, 11, 12 which will be proposed as version 1 to the plenary
					This will be presented to the plenary in one CR. The meeting agrees this way to proceed.
8	CR for R99				
9	Organizational aspects				
9.1	further work on 12070				ITU has agreed to refer to our work (open Web site). However, not as reported in ITU new Question IPR issues
					Companies working on joint API work here, urged NOT to bring protocol work to ITU SG11, if it would occur. Support ITU to REFER to our work, and accept ITU requirements
		108	ToR CN5	MCC	Not discussed
		<mark>180</mark>	Work plan	MCC	Not discussed
		<mark>181</mark>	Work plan report	MCC	Not discussed
9.2	further work on 12075				
9.3	IDL namespace / base class				Agreed on 'org.open_service_access' as IDL name space
					OpenNetworkAPI chosen
					Agreed (last meeting) on IpInterface as base class
10	exploratory discussion on OSA version 2	107			New protocol WPCC

11	liaisons		Liaison on accountManagement has to be drafted still	
			No response received from SA2 on terminal capability change notifications. To be put in report. To confirm that it is in R5	
			No resonse yet from JCC, CN1-CN4 joint	
12	AOB		Copyright discussions ongoing ETSI/Parlay How will documents look on Parlay side, is the main issue	
			ITU; make sure there is only reference to our work	
	meetings		AdHoc: CallControl 18-20 April Antwerp (including video conference capabilities)	
			May 21-24 San Diego (Parlay meeting) agree with host about Monday July 16m-19 SPAN12 Sophia Antipolis September 10-13 Munchen (Parlay meeting) agree with host about Monday Third week october (Tuesday-Friday) First week december (Tuesday-Friday)	
			December 12-20 CN plenary Noted that we should for the following meeting influence Parlay meetings to align with CN plenaries	

ATTENDEES LIST

Meeting: 3GPPCN5-SPAN12-#10

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			PHONE	FAX	Email
Ms. Chelo Abarca	ALCATEL S.A.	3GPPMEMBER (ETSI)	+33 1 69 63 14 11	+33 1 69 63 17 89	chelo.abarca@alcatel.fr
Mr. John-Luc Bakker	Telcordia Technologies Inc.	3GPPMEMBER (T1)	+1 973 829 5062		jbakker@telcordia.com
Mr. Andrew Bennett	Lucent Technologies N. S. UK	3GPPMEMBER (ETSI)	+4179722072		andybennett@lucent.com
Mr. Gary Bruce	Sun Microsystems Ltd	3GPPMEMBER (ETSI)	+44 1223 418 934	+44 1473 644970	gary.bruce@sun.com
Mr. Dirk De Gelder	ALCATEL S.A.	3GPPMEMBER (ETSI)	+32 32 40 42 12	+32 32 40 98 20	dirk.de_gelder@alcatel.be
Mr. Francis Deleu	ALCATEL Italia SpA	3GPPMEMBER (ETSI)	+39 039 686 4640		francis.deleu@alcatel.be
Dr. ROBERTO DEPAOLI	TELECOM ITALIA S.p.A.	3GPPMEMBER (ETSI)	+39 0112287677	+39 0112285069	ROBERTO.DEPAOLI@CSELT.IT
Mr. Joergen Dyst	ERICSSON L.M.	3GPPMEMBER (ETSI)	+45 33 88 33 25	+45 33 88 31 42	Jorgen.Dyst@LMD.ERICSSON.SE
Mr. Paul Guram	MOTOROLA Ltd	3GPPMEMBER (ETSI)	+44 1293 40 16 28	3 +44 1293 40 43 86	lpg019@email.mot.com
Mr. Frans Haerens	ALCATEL BELL	3GPPMEMBER (ETSI)	+32 3 240 90 34	+32 3 240 99 61	frans.haerens@alcatel.be
Mr. Graham Heaton	RTS Wireless International Ltd	3GPPMEMBER (ETSI)	+44 1908 800 360	+44 1908 800 333	graham.heaton@rtswireless.com
Mr. Michael Heinisch	MAX.MOBIL. TELEKOM.	3GPPMEMBER (ETSI)	+43 1 79585 5201	+43 1 79585 6548	michael.heinisch@maxmobil.at
Ms. Jane D Humphrey	MARCONI COMMUNICATIONS	3GPPMEMBER (ETSI)	+44 1202 853757	+44 1202 853405	jane.humphrey@marconi.com
Mr. Georg Kastelewicz	SIEMENS AG	3GPPMEMBER (ETSI)	+49 30 386 29128	+49 30 386 23957	georg.kastelewics@icn.siemens.de
Mr. Lucas Klostermann	ERICSSON L.M.	3GPPMEMBER (ETSI)	+31 161 249 057	+31 161 249922	lucas.klostermann@eln.ericsson.se
Mr. Philip Lee	LOGICA ALDISCON	3GPPMEMBER (ETSI)	+44 1179017648	+44 1179017839	leep@logica.com
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ATTENDEES LIST

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			PHONE	FAX	Email
Mr. Charles Lo	VODAFONE Group Plc	3GPPMEMBER (ETSI)	+1 925 210 3460	+44 1635 528 295	charles.lo@airtouch.com
Mr. Karsten Luettge	SIEMENS AG karsten.luettge@bln1.siemens.de	3GPPMEMBER (ETSI)	+49 (0) 30 386 234	29	+49 (0) 30 386 2395
Mr. Peter Markovics	SIEMENS AG	3GPPMEMBER (ETSI)	+43 51707 21760	+43 51707 51924	peter.markovics@siemens.at
Mr. Mark Maschoff	Motorola Inc.	3GPPMEMBER (T1)	+001-480-456-2686	6+001-480-456-2798	mark.maschoff@motorola.com
Miss Laura Mc Quillan	LOGICA ALDISCON	3GPPMEMBER (ETSI)	+353 1 819 3682	+353 1 819 3401	mcquillanl@logica.com
Mr. Bob Miller	Motorola Inc.	3GPPMEMBER (T1)	+001-480-456-267	7+001-480-456-2798	p17917@motorola.com
Mr. Ard-Jan Moerdijk	ERICSSON L.M.	3GPPMEMBER (ETSI)	+31 161 2422777	+31 161 249904	Ard.Jan.Moerdijk@elm.ericsson.se
Mr. Ultan Mulligan	ETSI Secretariat	3GPPORG_REP (ETSI)	+33 4 92 94 43 88	+33 4 92 38 52 88	ultan.mulligan@etsi.fr
Mr. Eamonn Murray	AePONA LTD	3GPPMEMBER (ETSI)	+44 28 90269188	+44 28 90269111	e.murray@aepona.com
Mr. Antoine Noel	BELGACOM	3GPPMEMBER (ETSI)	+32 2 202 1034	+32 2 202 4164	antoine.noel@belgacom.be
Mr. Matti Saarenpaa	NOKIA Corporation	3GPPMEMBER (ETSI)	+358 3 257 4666	+358 3 257 5002	matti.saarenpaa@nokia.com
Mr. Koen Schilders	Ericsson Inc.	3GPPMEMBER (T1)	+31 161 242 273	+46 8 75 12 309	koen.schilders@eln.ericsson.se
Mr. Richard Stretch	BT	3GPPMEMBER (ETSI)	+44 1473 607487	+44 1473 606845	richard.stretch@bt.com
Mr. Musa Unmehopa	Lucent Technologies EMEA B.V.	3GPPMEMBER (ETSI)	+31 35 687 1684	+31 35 687 5822	unmehopa@lucent.com
Mr. Adrian Zoicas	Mobile Competence Center		+33 4 92 94 42 21	+33 4 92 38 52 21	adrian.zoicas@etsi.fr
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