3GPP TSG CN Plenary
Meeting #12, Stockholm, Sweden
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Meeting Report

TSG CN WG1# Ad Hoc, R99 old stuff
Helsinki, Finland

8 - 9 May 2001

Chairman: Hannu Hietalahti (Nokia)

Secretary: Per Johan Jorgensen (MCC)

Host: Nokia, Finland

Joint meeting report (CN1/ 2/ 3/ 4)	Annex A
List of participants:	Annex B
Agreed CRs	Annex C
Tdoc list (incl. the status)	Annex D
Liaison Statements Out	Annex E
Ageed Work Items	Annex F
Agreed specifications (TS or TR)	Annex G
List of CRs to N1 drafts	Annex H

Documents could be found on the 3GPP-server:

http://www.3gpp.org/ftp/tsg_cn/WG1_mm-cc-sm/Ad-hoc%20meetings/TSGN1_Ad-Hoc_old-stuff_May01/Docs/

Table of contents

1 Opening of the meeting. Approval of the agenda with allocated documents. Calls for IPRs

N1-010592 : CN1 chairman, Title: Agenda

Discussion : This will continue as a living document in the doc Helsinki0105.rtf. Joint meeting with S1 at 18:30 8/5 will take place in Helsinki, transportation will be arranged at 18:00. 23 delegates from CN1 will go.

Some documents to be reshuffled in the agenda. Same document numbers for 'agreed' CRs from this meeting will be kept for CN1#17 meeting. What is here marked as agreed, on CRs only (without change in revision), is forwarded to CN1#17 meeting for approval.

Conclusion : Agreed

2 Reports

None provided.

3 Input Liaison Statements

N1-010620: GERAN (GP-010847), Type: LS IN , Title: LS on 24.008 CR for classmark issues.

Discussion : Related to CRs 621 and 622, since the CRs in the Annex of the LS is written towards earlier spec version. Reply LS to be done by Duncan, providing GERAN with the result of 621/622 discussion on clarifications and modifications to MS CM1, 2 and 3.

Conclusion: LS OUT in 654 by Duncan

N1-010649 : GERAN4 (G4-010221), Type: LS IN , Title: GPRS attach type in NMO I

Discussion : Discussed the 'GPRS attach while IMSI attached' need a lot in last meeting, and it is agreed that combined procedures are always used when attaching after IMSI attach in NMOI. But which type to use, maybe leaving one of the 2 superfluous. At power up the MS may attach automatically to GPRS, leaving the code point in question not needed. In 4.7.3 (24.008) a case outlining use of combined procedures is stated. The case for when it can be used should be identified. MM update status is to be considered as well. Attach flag does not mean anything for combined procedures. Do SGSN/MSC need the distinction provided between the 2 code points (for combined)? If from network side the answer is yes, then the specification needs update. Otherwise we can live with the MS sending either one on an implementation dependant way.

Conclusion: LS OUT in 650 by Arne

4 Work Plan for TSGN WG1

Not relevant for old stuff.

5 Technical issues up to and including R98

5.1 GPRS

N1-010593 : 04.08v6.14.0 CR#A1093, Nokia, Type: CR, Title: Missing SM cause 40 in table 10.6.6

Discussion : How will existing MS react if implemented by table. The default procedure will be used in any case. Cause 40 is only from MS to network. Just to make the spec consistent.

Conclusion : Agreed

N1-010594 : 04.08v7.11.0 CR#A1095, Nokia, Type: CR , Title: Missing SM cause 40 in table 10.6.6

Discussion :

Conclusion : Agreed

N1-010595 : 24.008v370 CR#393, Nokia, Type: CR , Title: Missing SM cause 40 in table 10.6.6

Discussion :

Conclusion : Agreed

N1-010596 : 24.008v420 CR394, Nokia, Type: CR , Title: Missing SM cause 40 in table 10.6.6

Discussion :

Conclusion : Agreed

N1-010624 : 04.08v6.14.0 CR#A1099, Qualcom, Type: CR , Title: Clarification of Network Initiated GPRS Detach Procedure

Discussion : The MS shall ignore the cause value if the Reattach is set. Could the text be simplified to clarify the requirements? Principel agreed but the wording needs to be improved for clarity. Isolate reattach required. Is this a likely scenario,- IMSI getting unknown during attached?

Conclusion : Revised to 655

N1-010655 : 04.08v6.14.0 CR#A1099r1, Qualcom, Type: CR , Title: Clarification of Network Initiated GPRS Detach Procedure

Discussion : Revision of 624. The note needs to be modified.

Conclusion : Revised to 677

N1-010677 : 04.08v6.14.0 CR#A1099r2, Qualcom, Type: CR , Title: Clarification of Network Initiated GPRS Detach Procedure

Discussion : Revision of 655

Conclusion : Agreed

N1-010625 : 04.08v7.11.0 CR#A1101, Qualcom, Type: CR , Title: Clarification of Network Initiated GPRS Detach Procedure

Discussion :

Conclusion : Revised to 656

N1-010656 : 04.08v7.11.0 CR#A1101r1, Qualcom, Type: CR , Title: Clarification of Network Initiated GPRS Detach Procedure

Discussion : Revision of 625

Conclusion : Revised to 678

N1-010678 : 04.08v7.11.0 CR#A1101r2, Qualcom, Type: CR , Title: Clarification of Network Initiated GPRS Detach Procedure

Discussion : Revision of 656

Conclusion : Agreed

N1-010626 : 24.008v370 CR#405, Qualcom, Type: CR, Title: Clarification of Network Initiated GPRS Detach Procedure

Discussion :

Conclusion : Revised to 657

N1-010657 : 24.008v370 CR#405r1, Qualcom, Type: CR, Title: Clarification of Network Initiated GPRS Detach Procedure

Discussion : Revision of 626

Conclusion : Revised to 679

N1-010679 : 24.008v370 CR#405r2, Qualcom, Type: CR, Title: Clarification of Network Initiated GPRS Detach Procedure

Discussion : Revision of 657

Conclusion : Agreed

N1-010644 : 24.008v420 CR#411, Qualcom, Type: CR, Title: Clarification of Network Initiated GPRS Detach Procedure

Discussion :

Conclusion : Revised to 658

N1-010658 : 24.008v420 CR#411r1, Qualcom, Type: CR, Title: Clarification of Network Initiated GPRS Detach Procedure

Discussion : Revision of 644

Conclusion : Revised to 680

N1-010680 : 24.008v420 CR#411r2, Qualcom, Type: CR, Title: Clarification of Network Initiated GPRS Detach Procedure

Discussion : Revision of 644

Conclusion : Agreed

5.2 LCS

N1-010603 : Nokia, Type: DISCUSSION, Title: Support of mobile originated and terminated transactions during LCS positioning

Discussion : Agreed the analysis with comment that formally LCS is not part of the CM layer so the definition of the MM connection active state in the network side needs to be enhanced to cover both active CM connection and LCS procedure.

When discussing the Nokia contributions together with 640 it was general agreement that:

- MO & MT calls must be possible during positioning
- The procedure to be defined should be LCS specific with no impact on non-LCS-supporting mobiles.

The UTRAN side should also be checked so that T3240 does not cause problems. Earlier statements: R2 say in their LS R2-010759=N1-010434 (N1 reply is in N1-010485, resulting in R2 reply in R2-010985) that the current RAN specification does not support the local release of the RR connection.

Conclusion : Noted

N1-010604 : 04.07v730 CR#A041, Nokia, Type: CR, Title: Addition of RR_NO_ABORT_IND primitive at RR-SAP in MS

Discussion : Discussed together with 607 and 640.

Conclusion : Rejected

N1-010605 : 24.007v370 CR#036, Nokia, Type: CR, Title: Addition of RR_NO_ABORT_IND primitive at RR-SAP in MS

Discussion :

Conclusion : Withdrawn

N1-010606 : 24.007v400 CR#037, Nokia, Type: CR, Title: Addition of RR_NO_ABORT_IND primitive at RR-SAP in MS

Discussion :

Conclusion : Withdrawn

N1-010607 : 04.08v7.11.0 CR#A1097, Nokia, Type: CR, Title: Modification to MS's MM states to enable LCS signalling on RR layer

Discussion : The description with using primitives was questioned, and the 'trigger criteria ' should be agreed upon since the outcome of this Nokia proposal and the Siemens proposal in 640 is equal for the MS and the network. The timer value is selected for worst case scenario,- a GSM method with lot of data and MS calculation makes it this long.

Conclusion : Revised to 659

N1-010659 : 04.08v7.11.0 CR#A1097r1, Ericsson/Nokia/Siemens, Type: CR, Title: Modification to MS's MM states to enable LCS signalling on RR layer

Discussion : Revision of 607. Do we need the new guard timer of 6 minutes maximum, meaning can RRLP be aborted instead of completed ? RR should provide 'CM layer' with the termination of the procedure, but messages might get lost? Could there be a possible extension of the timer in the future. Editorials to be provided by Keith. GERAN people needs to comment within each company wether the timer can be dropped for the mirror CRs.

Conclusion : Revised to 681

N1-010681 : 04.08v7.11.0 CR#A1097r2, Ericsson/Nokia/Siemens, Type: CR, Title: Modification to MS's MM states to enable LCS signalling on RR layer

Discussion :

Conclusion : Agreed

N1-010608 : 24.008v370 CR#395, Nokia, Type: CR, Title: Modification to MS's MM states to enable LCS signalling on RR layer

Discussion :

Conclusion : Revised to 660

N1-010660 : 24.008v370 CR#395r1, Nokia/Siemens, Type: CR, Title: Modification to MS's MM states to enable LCS signalling on RR layer

Discussion : Revision of 608. Clarify the UMTS case first. Check the timer deletion possibility. The R99 and mirror CRs to this version is needed for CN1#17 as well.

Conclusion : Noted

N1-010609 : 24.008v420 CR#396, Nokia, Type: CR, Title: Modification to MS's MM states to enable LCS signalling on RR layer

Discussion :

Conclusion : Revised to 661

N1-010661 : 24.008v420 CR#396r1, Nokia/Siemens, Type: CR, Title: Modification to MS's MM states to enable LCS signalling on RR layer

Discussion : Revision of 609

Conclusion : Noted

N1-010640 : 04.08v7.11.0 CR#A1103, Siemens, Type: CR, Title: T3240 handling during the RR Application Information Transfer procedure

Discussion : Discusses also the CCBS case as different from Nokias contribution in 604/607, and don't use primitive description (04.07) for interlayer dependencies, but RR Application Information Transfer procedure (proposed changed to RRLP). RRLP application on top of the radio is not known to MM either, and this was expressed as not wanted communication (but would result in implementation specific solutions). The agreement was to do changes for MS supporting LCS only (which was reconfirmed), but this CR seems to be more generic. A more generic term was sought for use of also the UMTS since it is common MM layer. Local RRC connection release by UE is not supported (earlier liasions, R2-010759 answer resulting in new LS from CN1, and with final answer in R2-010985). The content of this CR will be merged with the 607 CR into 659.

Conclusion : Rejected

N1-010641 : 24.008v370 CR#409, Siemens, Type: CR, Title: T3240 handling during the RR Application Information Transfer procedure

Discussion :

Conclusion : Withdrawn

N1-010642 : 24.008v420 CR#410, Siemens, Type: CR, Title: T3240 handling during the RR Application Information Transfer procedure

Discussion :

Conclusion : Withdrawn

5.3 TEI

None provided.

5.4 MS Classmark

None provided.

5.5 PLMN selection

None provided.

5.6 Other technical issues up to R98

N1-010627 : 04.08v7.11.0 CR#A1071, Siemens, Type: CR, Title: Length of User-user IE

Discussion : Mention to plenary that older versions than this are not dared to be touched. This CR is needed due to internal inconsistency within 24.008 on UtoU IE. Also compatibility problem with ISUP having content length of max 128 octets.

Conclusion : Agreed

N1-010628 : 24.008v370 CR#332r1, Siemens, Type: CR, Title: Length of User-user IE

Discussion : Additionally to the R98 CR in case of R99 and later ones the MS CM can be used to distinguish between the old and new implementations to know if also the lower limit of User-user IE length has been implemented.

Conclusion : Revised to 663

N1-010663 : 24.008v370 CR#332r2, Siemens, Type: CR, Title: Length of User-user IE

Discussion : Revision of 628.

Conclusion : Agreed

N1-010629 : 24.008v420 CR#333r1, Siemens, Type: CR, Title: Length of User-user IE

Discussion : WI to be changed to TEI since it is a mirror CR.

Conclusion : Revised to 662

N1-010662 : 24.008v420 CR#333r2, Siemens, Type: CR, Title: Length of User-user IE

Discussion : Revised from 629.

Conclusion : Agreed

6 Technical issues R99

6.1 GSM-UMTS interworking

N1-010611 : 24.008v370 CR#397, Nokia, Type: CR , Title: Clarification to REQUEST PDP CONTEXT ACTIVATION

Discussion : Contradiction between reason for change and the text regarding 'semantically correct'. The MS shall not consider it a semantical error if PDP Address IE only contains type and no address part. This CR only have impacts on the MS, even the network needs to understand the response. The network should not need to know where the PDP context activation request address came from. Optionality with asterix could have been inserted in octet 5 for PDP address IEI. Rewording needed, e.g. on 'what is semantically correct'. The text could go into other section(s) ?

Conclusion : Revised to 666

N1-010666 : 24.008v370 CR#397r1, Nokia, Type: CR , Title: Clarification to REQUEST PDP CONTEXT ACTIVATION

Discussion : Revised from 611

Conclusion : Agreed

N1-010612 : 24.008v420 CR#398, Nokia, Type: CR , Title: Clarification to REQUEST PDP CONTEXT ACTIVATION

Discussion : Additionally change WI to GPRS since it is a mirror CR.

Conclusion : Revised to 667

N1-010667 : 24.008v420 CR#398r1, Nokia, Type: CR , Title: Clarification to REQUEST PDP CONTEXT ACTIVATION

Discussion : Revised from 612

Conclusion : Agreed

N1-010613 : 23.122v360 CR#023, Telia AB, Type: CR, Title: Stored list of equivalent PLMNs and error/abnormal cases

Discussion : In some situations the UE/MS shall delete the RPLMN, and here it is explicitely stated that the stored list of equivalent PLMNs shall then also be deleted. Not related to wether the selection procedure is completed or not. Editorial change to make this a stage 2 level requirement, and some cover page changes.

Conclusion : Revised to 668

N1-010668 : 23.122v360 CR#023r1, Telia AB, Type: CR, Title: Stored list of equivalent PLMNs and error/abnormal cases

Discussion : Revised from 613

Conclusion : Agreed

N1-010614 : 23.122v400 CR#024, Telia AB, Type: CR, Title: Stored list of equivalent PLMNs and error/abnormal cases

Discussion :

Conclusion : Revised to 669

N1-010669 : 23.122v400 CR#024r1, Telia AB, Type: CR, Title: Stored list of equivalent PLMNs and error/abnormal cases

Discussion : Revised from 614

Conclusion : Agreed

N1-010615 : 24.008v370 CR#399, Telia AB, Type: CR, Title: Stored list of equivalent PLMNs and error/abnormal cases

Discussion : For combined Attach error case, the partial reject (#14, #7, coming from other network) will then also result in deletetion of the equivalent PLMN list. Should it not be deleted for this case? For NMO II it is also a problem since RAU is delayed related to LAU. Can operators live with the simple solution proposed in this CR. Seems acceptable for the time beeing.

Tick out the X in other specs affected.

Conclusion : Agreed

N1-010616 : 24.008v420 CR#400, Telia AB, Type: CR, Title: Stored list of equivalent PLMNs and error/abnormal cases

Discussion : Same as above.

Conclusion : Agreed

N1-010651 : Ericsson, Type: DISCUSSION , Title: Reject cause code mapping between 24.008 and 29.060

Discussion : The mapping is on 29.060 (or 29.010?), i.e. for CN4. But CN1s opinion is sought, providing the understanding of what happens when Gn values are mapped on the air interface. No mapping specified means no mapping needed. Should it only be mapping for R99 ? Earlier versions could be left to implementation, unless the meeting thinks also R97/R98 should also have the normative annex.

Do we need this mapping at all ? What can go wrong ? Invalid message format does not give much sence for the MS to receive ?

Conclusion : Noted

6.2 MS classmark

N1-010621 : 24.008v370 CR#402, Vodafone, Type: CR, Title: Classmark 1,2 and 3 corrections

Discussion : Assumption was that a MS attaching UMTS did not have to care about GSM fields . Now the UMTS only MSs on the market has not implemented the proposed code value 111 (CM1 RF Power Capability). Does the network use this field or ignore it ? Another issue is that 111 is often used for other purposes. CM3 is referenced by other specs, e.g. for RNC. By using a possibel spare, the receiver would ignore that field. But without 111 then the GERAN intention is not fullfilled, that the field is irrelevavt but refers to the informations in CM3. The encoding with CM3 for Rel-4 is probably an incompatibility issue. Linked with LS IN in 620.

Conclusion : Revised to 670

N1-010670 : 24.008v370 CR#402r1, Vodafone, Type: CR, Title: Classmark 1,2 and 3 corrections

Discussion : Revised from 621

Conclusion : Not made available

N1-010622 : 24.008v420 CR#403, Vodafone, Type: CR, Title: Classmark 1,2 and 3 corrections

Discussion :

Conclusion : Revised to 671

N1-010671 : 24.008v420 CR#403r1, Vodafone, Type: CR, Title: Classmark 1,2 and 3 corrections

Discussion : Revised from 622

Conclusion : Not made available

6.3 Security

None provided.

6.4 Multicall

N1-010600 : Nokia, Type: DISCUSSION, Title: Priority selection criteria of calls in a multicall

Discussion : The priority decided in the GERAN meeting is speech call as highest, remembering that emergency has highest priority anyway. And as default if no priority is assigned: 22.129 defines the following order:

TS Emergency

TS speech call if no priority has been allocated to it

Any other call based on priority order

Any data call is on the lowest priority level unless some other priority has been specifically allocated.

Conclusion : Noted. No agreement on the proposed solution in documents N1-010601, 602, 636, 637. LS to be sent to RAN3 with CC to SA1 saying that CN1 has not found any agreeable solution to the problem and asking for RAN3 help.

N1-010601 : 23.009v360 CR#028, Nokia, Type: CR, Title: Priority selection criteria of calls in a multicall

Discussion : Service information needs now to be known by the MSC-B, and an option proposed was that MSC-A transfer priority which then should be used. 25.413 R99 must then make this priority conditional, which was not chosen in R3. The 2 sets of priority was unclear, but the intention was to do a mapping. Since it is only one speech call in the multicall for R99 and Rel-4, maybe the emergency indicator is not needed (or explicit mapping at all) ? What about access control (classes), or pre-emption ? The fixed mapping is defined already in other spec, and this CR follows those requirements. The problem lays with R3 in the case of relocation when MSC-A has not given any priority to speech

call. Resource shortage at RNC would then select a high priority data call only. This is a R99 open issue for CN#12. Is a LS out to R3 with copy to S1 possible, mentioning the requirement problem.

The way forward needs to be found in CN#17.

Conclusion : Noted.

N1-010602 : 23.009v400 CR#029, Nokia, Type: CR, Title: Priority selection criteria of calls in a multicall

Discussion :

Conclusion : Noted

N1-010636 : 23.009v360 CR#032, Nokia, Type: CR, Title: Emergency call indication to MSC-B

Discussion : Related 29.002 CRs needed, and will be seen by CN4 in Puerto Rico.

Conclusion : Noted

N1-010637 : 23.009v400 CR#033, Nokia, Type: CR, Title: Emergency call indication to MSC-B

Discussion : Related 29.002 CRs needed, and will be seen by CN4 in Puerto Rico.

Conclusion : Noted

6.5 LCS

None provided

6.6 TEI

N1-010632: 24.008v370 CR#406, Vodafone, Type: CR,, Title: Handling of LOCATION UPDATE REJECT by Class A and Class B Mobile Stations

Discussion : Not all code points should be duplicated between MS mode of operation C and MS mode of operation A + MS B mode of operation. Earlier discussions seem to indicate that #2 should not affect CS at all. How is IMSI unknown in HLR interpreted in R97? Does it affect GPRS services or does it not? Delegates to check home !

Conclusion : Postponed

N1-010633: 24.008v420 CR#407, Vodafone, Type: CR, Title: Handling of LOCATION UPDATE REJECT by Class A and Class B Mobile Stations

Discussion :

Conclusion : Postponed

6.7 Handover

N1-010597 : Nokia, Type: DISCUSSION, Title: Indication of Intra MSC handover from 3G_MSC-B to MSC-A/3G_MSC-A

Discussion :

Conclusion : Noted

N1-010598 : 23.009v360 CR#025, Nokia, Type: CR , Title: Indication of Intra MSC handover from 3G_MSC-B to MSC-A/3G_MSC-A

Discussion : This CR only changes text, and the SDL changes are needed. Postponed until later for offline changing. The SDLs will be provided in CN1#17 and will be linked to this CR. What about linking it to the CN4 CRs ? This doc was first revised to 682, but after discussion this first version was accepted.

Conclusion : Agreed

N1-010682 : 23.009v360 CR#025r1, Nokia, Type: CR , Title: Indication of Intra MSC handover from 3G_MSC-B to MSC-A/3G_MSC-A

Discussion : This doc was first revised from 598, but after discussion the first version was accepted.

Conclusion : Withdrawn

N1-010599 : 23.009v400 CR#027, Nokia, Type: CR , Title: Indication of Intra MSC handover from 3G_MSC-B to MSC-A/3G_MSC-A

Discussion : This doc was first revised to 683, but after discussion this first version was accepted.

Conclusion :Agreed

N1-010683 : 23.009v400 CR#027r1, Nokia, Type: CR , Title: Indication of Intra MSC handover from 3G_MSC-B to MSC-A/3G_MSC-A

Discussion : This doc was first revised from 599, but after discussion the first version was accepted.

Conclusion : Withdrawn

N1-010634 : 23.009v360 CR#030, Nokia, Type: CR , Title: Indication of Intra MSC handover from 3G_MSC-B to MSC-A/3G_MSC-A

Discussion :

Conclusion : Withdrawn

N1-010635 : 23.009v400 CR#031, Nokia, Type: CR , Title: Addition of allowed algorithms to handover procedures

Discussion :

Conclusion : Withdrawn

N1-010643 : Nortel, Type: DISCUSSION , Title: InterSystem handovers in 23.009

Discussion : Not presented

Conclusion : Revised to 672

N1-010672 : Nortel, Type: DISCUSSION , Title: InterSystem handovers in 23.009

Discussion : Except for 2, 3, 4 (except other cases which was agreed), 6 and 9 the other points are agreeable.

Paging in case 2 was problem since IMSI is missing in target RNC with MAPv2.

In case 3 where the anchor MSC is R98(MAPv2) the Target Cell ID is also missing., as for case 4.

Case 6 was agreed with Ericsson comments, but mapping to BSSMAP needs to be investigated., as for case 9.

Conclusion : Noted

N1-010653 : Nokia, Type: INFO , Title: CN4 CRs related to the transfer of allowed algorithms in the MAP interface.

Discussion :

Conclusion : Noted

6.8 PLMN selection

N1-010617 : Hutchison3g, Type: DISCUSSION, Title: Partial Roaming Background Discussion

Discussion :

Conclusion : Withdrawn

N1-010618 : 24.008v370 CR#401, Hutchison3g, Type: CR, Title: Partial Roaming - PLMN Radio Access Technology identifier

Discussion :

Conclusion: Withdrawn

N1-010619 : 23.122v360 CR#025, Hutchison3g, Type: CR, Title: Partial Roaming - PLMN Radio Access Technology identifier

Discussion :

Conclusion : Withdrawn

N1-010652 : Ericsson, Type: DISCUSSION, Title: Border problem and efficient periodic search

Discussion :

Conclusion : Withdrawn

N1-010674 : 24.008v370 CR#415, Hutchison3g, Type: CR, Title: Partial Roaming - restriction by location areaTechnology identifier

Discussion : How is an old MS suppposed to handle this new cause #15 when received ? Abnormal case will be used ,- searching for another PLMN ? Is this acceptable ? What is the meaning of central geographical area ? What will be difference between #13 and #15 ? For #13 another PLMN should be tried, but for #15 the same PLMN with different LA should be tried. #15 should not be used in a single mode network.

#12 has not been changed due to introduction of #15.

A CR is probably needed on 23.122 . Do we need to align stage 2 and 3 specs. for matching criteria, considering also dedicated mode ? A scenario to be considered are a UMTS operator handing over calls to one of 2 GSM operators only.

Conclusion : Noted

6.9 Other R99 technical issues

N1-010623 : 24.008v370 CR#404, NTT Software, Type: CR, Title: Clarification of P-TMSI Signature

Discussion : Why to remove P-TMSI signature after P-TMSI REALLOCATION COMMAND ? This could be an exxception case, but then backward compatibility with R97/98 MSs is an issue. There is an inconsistency between GSM and UMTS case to delete P-TMSI signature after P-TMSI REALLOCATION COMMAND.

Do the revised phrase put new requirement: This IE may be included to assign an identity to the MS's GMM context 'if Allocated P-TMSI is included' ?

Could the changes be interpreted as contradiction to the principel to assign only P-TMSI signature without changing the P-TMSI?

The network should not code P-TMSI signature with all '1s' is a required coding that should be described with triggering some error handling.

Conclusion : Noted

N1-010638 : 24.008v420 CR#408, NTT Software, Type: CR, Title: Clarification of P-TMSI Signature

Discussion :

Conclusion : Noted

N1-010630 : Siemens, Type: DISCUSSION, Title: Replacement of references for DTMF in TS 23.014 and 24.008

Discussion : Companies should check on their own before CN1#17 if the new DTMF standards are comparable/acceptable as a new reference. A proposed CR on the reference changes are included as appendix. These possible reference changes are needed in other specs as well. The ETRs are not yet withdrawn. A LS to Tech Comitee 18 was proposed maybe from CN1#17.

Conclusion: Noted

N1-010631 : 23.014v310 CR#002, Siemens, Type: CR, Title: Clean-up of references

Discussion :

Conclusion :Withdrawn

N1-010639 : 23.014v400 CR#003, Siemens, Type: CR, Title: Clean-up of references

Discussion :

Conclusion : Withdrawn

N1-010645 : 24.008v370 CR#412, Ericsson, Type: CR, Title: Mapping of NAS procedures to RRC Establishment causes

Discussion :

Conclusion : Withdrawn

N1-010664: 24.008v370 CR#412r1, Ericsson, Type: CR, Title: Mapping of NAS procedures to RRC Establishment causes

Discussion : Revised from 645.

Conclusion : Noted

N1-010646 : 24.008v420 CR#413, Ericsson, Type: CR, Title: Mapping of NAS procedures to RRC Establishment causes

Discussion :

Conclusion : Withdrawn

N1-010665: 24.008v420 CR#413r1, Ericsson, Type: CR, Title: Mapping of NAS procedures to RRC Establishment causes

Discussion : Revised from 646

Conclusion : Noted

N1-010647 : 23.122v360 CR#026, Ericsson, Type: CR, Title: Corrections and clarifications to PLMN Selection

Discussion : Correct the red-written text in the spec reference. Editorial ‘the criteria are’, merge 3 phrases to 2, one ‘list’ to much, and ‘any other list’. Plus ‘limited service state’.

Deletion of the term suitable cell was discussed, defined in 4.3 in 25.204. It was confusion on this related to cause values#12 and #13. Seems that the definition needs to be changed, to be aligned with 03.22.

Conclusion : Revised to 675

N1-010675 : 23.122v360 CR#026r1, Ericsson, Type: CR, Title: Corrections and clarifications to PLMN Selection

Discussion : Revised from 647

Conclusion : Agreed

N1-010648 : 23.122v400 CR#027, Ericsson, Type: CR, Title: Corrections and clarifications to PLMN Selection

Discussion :

Conclusion : Revised to 676

N1-010676 : 23.122v400 CR#027r1, Ericsson, Type: CR, Title: Corrections and clarifications to PLMN Selection

Discussion : Revised from 648

Conclusion : Agreed

7 LS OUT

N1-010610 : Chairman (Hannu), Type: LS OUT , Title: Proposed LS on introduction of new Mobile Country Codes (MCC)

Discussion : In addition to multipel country codes CN1/Hannu was tasked by joint S1/N1 to what happens with 3 digit MNC introduction.

Conclusion : Noted

N1-010650 : MCUK (Arne), Type: LS OUT, Title: Reply to GERAN WG4 on GPRS attach type in NMO I

Discussion : Should mention that the specification is not very explicit in this aspect. This LS out will be reviewed in CN1#17 on a revised input document.

Conclusion : Noted

N1-010654 : Vodafone (Duncan), Type: LS OUT, Title: ?

Discussion : More time is needed for consultations. Linked with 620.

Conclusion : Not made available

N1-010673 : Siemens (Robert), Type: LS OUT, Title: LS on Priority selection criteria of calls in a multicall

Discussion : Linked with 601

Conclusion : Noted

8 Any Other Business

None provided

9 Closing of the meeting

(15:00 Thursday)

Review of dates and hosts for future meetings

Meeting schedule for rest of 2001

3GPP Meeting	Date	Place	Host
N1#17	14-18 May 2001	Puerto Rico	T1
TSGN#12	**13-15 June 2001**	**Stockholm, Sweden**	**Ericsson**
N1#18	10-12 July 2001	Dresden, Germany	D2 Vodafone
N1#19	27-31 Aug 2001	?	?
TSGN#13	**19–21 Sept 2001**	**Beijing, China**	**Lucent Technologies, CWTS**
N1#20	15-19 October 2001	UK	Vodafone, BT
N1#21	26-30 November 2001	USA	T1
TSGN#14	**12-14 December 2001**	**Kyoto, Japan**	

Annex A Joint meeting report (CN1/ 2/ 3/ 4)

None, but a joint S1/N1 meeting took place between 18:30 – 20:45 Tuesday. No meeting report available yet, but following Tdocs were discussed,- S1-010299, S1-010346, S1-010417, S1-010418, S1-010494.

Annex B List of participants

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Annex C Agreed CRs

TDoc #	CR #	CAT	Spec	Rev	Tdoc Title	C_Version	Type	WI	Rel
N1-010593	A1093	F	04.08		Missing SM cause 40 in table 10.6.6	6.14.0	CR	GPRS	R97
N1-010594	A1095	A	04.08		Missing SM cause 40 in table 10.6.6	7.11.0	CR	GPRS	R98
N1-010595	393	A	24.008		Missing SM cause 40 in table 10.6.6	3.7.0	CR	GPRS	R99
N1-010596	394	A	24.008		Missing SM cause 40 in table 10.6.6	4.2.0	CR	GPRS	Rel-4
N1-010598	025	F	23.009	2	Indication of Intra MSC handover from 3G_MSC-B to MSC-A/3G_MSC-A	3.6.0	CR	Handover	R99
N1-010599	027	A	23.009		Indication of Intra MSC handover from 3G_MSC-B to MSC-A/3G_MSC-A	4.0.0	CR	Handover	Rel-4
N1-010627	A1071	F	04.08	1	Length of User-user IE	7.11.0	CR	TEI	R98
N1-	399	F	24.008		Stored list of equivalent PLMNs	3.7.0	CR	GSM/UMTS	R99

010615					and error/abnormal cases			interworking	
N1-010616	400	A	24.008		Stored list of equivalent PLMNs and error/abnormal cases	4.2.0	CR	GSM/UMTS interworking	Rel-4
N1-010662	333	A	24.008	2	Length of User-user IE	4.2.0	CR	TEI	Rel-4
N1-010663	332	F	24.008	2	Length of User-user IE	3.7.0	CR	TEI	R99
N1-010666	397	F	24.008	1	Clarification to REQUEST PDP CONTEXT ACTIVATION	3.7.0	CR	GPRS	R99
N1-010667	398	A	24.008	1	Clarification to REQUEST PDP CONTEXT ACTIVATION	4.2.0	CR	GPRS	Rel-4
N1-010668	023	F	23.122	1	Stored list of equivalent PLMNs and error/abnormal cases	3.6.0	CR	GSM/UMTS interworking	R99
N1-010669	024	A	23.122	1	Stored list of equivalent PLMNs and error/abnormal cases	4.0.0	CR	GSM/UMTS interworking	Rel-4
N1-010675	026	F	23.122	1	Corrections and clarifications to PLMN Selection	3.6.0	CR	TEI	R99
N1-010676	027	A	23.122	1	Corrections and calrifications to PLMN selection	4.0.0	CR	TEI	Rel-4
N1-010677	A1099	F	04.08	2	Clarification of Network Initiated GPRS Detach Procedure	6.14.0	CR	GPRS	R97
N1-010678	A1101	A	04.08	2	Clarification of Network Initiated GPRS Detach Procedure	7.11.0	CR	GPRS	R98
N1-010679	405	A	24.008	2	Clarification of Network Initiated GPRS Detach Procedure	3.7.0	CR	GPRS	R99
N1-010680	411	A	24.008	2	Clarification of Network Initiated GPRS Detach Procedure	4.2.0	CR	GPRS	Rel-4
N1-010681	A1097	F	04.08	2	Modification to MS's MM states to enable LCS signalling on RR layer	7.11.0	CR	LCS	R98

CRs for e-mail agreement

None

Documents Endorsed by N1

None

Annex D Tdoc list (incl. the status)

Doc #	Tdoc Title	Source	Spec	WI	C_Version	Rel	CAT	CR #	Rev	Type	Comments	Status
1-10592	Agenda	Chairman										AGREED
1-10593	Missing SM cause 40 in table 10.6.6	Miika Peltonen	04.08	GPRS	6.14.0	R97	F	A1093		CR		AGREED
1-10594	Missing SM cause 40 in table 10.6.6	Miika Peltonen	04.08	GPRS	7.11.0	R98	A	A1095		CR		AGREED
1-10595	Missing SM cause 40 in table 10.6.6	Miika Peltonen	24.008	GPRS	3.7.0	R99	A	393		CR		AGREED
1-10596	Missing SM cause 40 in table 10.6.6	Miika Peltonen	24.008	GPRS	4.2.0	Rel-4	A	394		CR		AGREED
1-10597	Indication of Intra MSC handover from 3G_MSC-B to MSC-A/3G_MSC-A	Inma Carrión		Handover						DISCUSSION DOC		NOTED

1-10598	Indication of Intra MSC handover from 3G_MSC-B to MSC-A/3G_MSC-A	Inma Carrión	23.009	Hand over	3.6.0	R99	F	025	2	CR		AGREED
1-10599	Indication of Intra MSC handover from 3G_MSC-B to MSC-A/3G_MSC-A	Inma Carrión	23.009	Hand over	4.0.0	Rel-4	A	027		CR		AGREED
1-10600	Priority selection criteria of calls in a multicall			Multicall						DISCUSSION DOC		NOTED
1-10601	Priority selection criteria of calls in a multicall	Inma Carrión	23.009	Multicall	3.6.0	R99	F	028		CR		NOTED
1-10602	Priority selection criteria of calls in a multicall	Inma Carrión	23.009	Multicall	4.0.0	Rel-4	A	029		CR		NOTED
1-10603	Support of mobile originated and terminated transactions during LCS positioning	Inma Carrión		LCS						DISCUSSION DOC	The analysis was agreed	NOTED
1-10604	Addition of RR_NO_ABORT_IND primitive at RR-SAP in MS side	Nokia / Kari Pihl	04.07	LCS	7.3.0	R98	F	A041		CR		REJECTED
1-10605	Addition of RR_NO_ABORT_IND primitive at RR-SAP in MS side	Nokia / Kari Pihl	24.007	LCS	3.7.0	R99	A	036		CR		WITHDRAWN
1-10606	Addition of RR_NO_ABORT_IND primitive at RR-SAP in MS side	Nokia / Kari Pihl	24.007	LCS	4.0.0	Rel-4	A	037		CR		WITHDRAWN
1-10607	Modification to MS's MM states to enable LCS signalling on RR layer	Nokia / Kari Pihl	04.08	LCS	7.11.0	R98	F	A1097		CR		REVISED TO 659
1-10608	Modification to MS's MM states to enable LCS signalling on RR layer	Nokia / Kari Pihl	24.008	LCS	3.7.0	R99	A	395		CR		REVISED TO 660
1-10609	Modification to MS's MM states to enable LCS signalling on RR layer	Nokia / Kari Pihl	24.008	LCS	4.2.0	Rel-4	A	396		CR		REVISED TO 661
1-10610	Proposed LS on introduction of new Mobile Country Codes (MCC)	Chairman								LS OUT		NOTED
1-10611	Clarification to REQUEST PDP CONTEXT ACTIVATION	Nokia / Serge Haumont	24.008	GPRS	3.7.0	R99	F	397		CR		REVISED TO 666
1-10612	Clarification to REQUEST PDP CONTEXT ACTIVATION	Nokia / Serge Haumont	24.008	TEI4	4.2.0	Rel-4	A	398		CR		REVISED TO 667
1-10613	Stored list of equivalent PLMNs and error/abnormal cases	Telia AB	23.122	GSM/UMTS interworking	3.6.0	R99	F	023		CR		REVISED TO 668
1-10614	Stored list of equivalent PLMNs and error/abnormal cases	Telia AB	23.122	GSM/UMTS interworking	4.0.0	Rel-4	A	024		CR		REVISED TO 669
1-10615	Stored list of equivalent PLMNs and error/abnormal cases	Telia AB	24.008	GSM/UMTS interworking	3.7.0	R99	F	399		CR		AGREED

1-10616	Stored list of equivalent PLMNs and error/abnormal cases	Telia AB	24.008	GSM/UMTS interworking	4.2.0	Rel-4	A	400		CR		AGREED
1-10617	Partial Roaming Background Discussion	Hutchison 3g		TEI		R99				DISCUSSION		WITHDRAWN
1-10618	Partial Roaming - PLMN Radio Access Technology identifier	Hutchison 3g	24.008	TEI	3.7.0	R99	F	401		CR		WITHDRAWN
1-10619	Partial Roaming - PLMN Radio Access Technology identifier	Hutchison 3g	23.122	TEI	3.6.0	R99	F	025		CR		WITHDRAWN
1-10620	LS on 24.008 CR for classmark issues.	TSG GERAN								LS IN	GP-010847, to CN1,RAN2. Linked with CR#402 and 403	LS OUT in 654 by Duncan
1-10621	Classmark 1,2 and 3 corrections	Duncan Mills / Vodafone	24.008	TEI / GSM-UMTS I'working	3.7.0	R99	F	402		CR		REVISED TO 670
1-10622	Classmark 1,2 and 3 corrections	Duncan Mills / Vodafone	24.008	TEI / GSM-UMTS I'working	4.2.0	Rel-4	A	403		CR		REVISED TO 671
1-10623	Clarification of P-TMSI Signature	NTT Software	24.008	GPRS	3.7.0	R99	F	404		CR		NOTED
1-10624	Clarification of Network Initiated GPRS Detach Procedure	Qualcomm	04.08	GPRS	6.14.0	R97	F	A1099		CR		REVISED TO 655
1-10625	Clarification of Network Initiated GPRS Detach Procedure	Qualcomm	04.08	GPRS	7.11.0	R98	A	A1101		CR		REVISED TO 656
1-10626	Clarification of Network Initiated GPRS Detach Procedure	Qualcomm	24.008	GPRS	3.7.0	R99	A	405		CR		REVISED TO 657
1-10627	Length of User-user IE	Siemens	04.08	TEI	7.11.0	R98	F	A1071	1	CR		AGREED
1-10628	Length of User-user IE	Siemens	24.008	TEI	3.7.0	R99	F	332	1	CR		REVISED TO 663
1-10629	Length of User-user IE	Siemens	24.008	TEI4	4.2.0	Rel-4	A	333	1	CR		REVISED TO 662
1-10630	Replacement of references for DTMF in TS 23.014 and 24.008	Siemens		TEI						Disc		NOTED
1-10631	Clean-up of references	Siemens	23.014	TEI	3.1.0	R99	F	002	-	CR		WITHDRAWN
1-10632	Handling of LOCATION UPDATE REJECT by Class A and Class B Mobile Stations	Duncan Mills / Vodafone	24.008	TEI	3.7.0	R99	F	406		CR		POSTPONED
1-10633	Handling of LOCATION UPDATE REJECT by Class A and Class B Mobile Stations	Duncan Mills / Vodafone	24.008	TEI4	4.2.0	Rel-4	A	407		CR		POSTPONED

1-10634	Addition of allowed algorithms to handover procedures	Inma Carrión	23.009	Hand over	3.6.0	R99	F	030		CR		WITHDRAWN
1-10635	Addition of allowed algorithms to handover procedures	Inma Carrión	23.009	Hand over	4.0.0	Rel-4	A	031		CR		WITHDRAWN
1-10636	Emergency call indication to MSC-B	Inma Carrión	23.009	Multicall	3.6.0	R99	F	032		CR		NOTED
1-10637	Emergency call indication to MSC-B	Inma Carrión	23.009	Multicall	4.0.0	Rel-4	A	033		CR		NOTED
1-10638	Clarification of P-TMSI Signature	NTT Software	24.008	GPRS	4.2.0	Rel-4	A	408	-	CR		NOTED
1-10639	Clean-up of references	Siemens	23.014	TEI4	4.0.0	Rel-4	A	003	-	CR		WITHDRAWN
1-10640	T3240 handling during the RR Application Information Transfer procedure	Siemens AG, Roland Gruber	04.08	LCS	7.11.0	R98	F	A1103		CR		REJECTED
1-10641	T3240 handling during the RR Application Information Transfer procedure	Siemens AG, Roland Gruber	24.008	LCS	3.7.0	R99	A	409		CR		WITHDRAWN
1-10642	T3240 handling during the RR Application Information Transfer procedure	Siemens AG, Roland Gruber	24.008	LCS	4.2.0	Rel-4	A	410		CR		WITHDRAWN
1-10643	InterSystem handovers in 23.009	Nortel Networks	23.009	GSM/ UMTS interworking		R99				Disc		REVISED TO 672
1-10644	Clarification of Network Initiated GPRS Detach Procedure	Qualcomm	24.008	GPRS	4.2.0	Rel-4	A	411		CR		REVISED TO 658
1-10645	Mapping of NAS procedures to RRC Establishment causes	Ericsson	24.008	TEI	3.7.0	R99	F	412		CR		WITHDRAWN
1-10646	Mapping of NAS procedures to RRC Establishment Cause	Ericsson	24.008	TEI	4.2.0	Rel-4	A	413		CR		WITHDRAWN
1-10647	Corrections and clarifications to PLMN Selection	Ericsson	23.122	TEI	3.6.0	R99	F	026		CR		REVISED TO 675
1-10648	Corrections and calrifications to PLMN selection	Ericsson	23.122	TEI	4.0.0	Rel-4	A	027		CR		REVISED TO 676
1-10649	GPRS attach type in NMO I	GERAN WG4 GPRS								LS IN	G4-010221, to CN1. Linked with LS OUT tdoc 650	LS OUT in 650 by Arne
1-10650	Reply to GERAN WG4 on GPRS attach type in NMO I	CN1 (MCUK?)								LS OUT	Reply to 649	NOTED
1-10651	Reject cause code mapping between 24.008 and 29.060	Ericsson/ Francesco								DISC		NOTED
1-10652	Border problem and efficient periodic search	Ericsson/ Francesco								DISC		WITHDRAWN

1-10653	CN4 CRs related to the transfer of allowed algorithms in the MAP interface.	Nokia/Inma Carrion		Handover						INFO		NOTED
1-10654	LS response	Duncan								LS OUT	Reply to 620	Not available
1-10655	Clarification of Network Initiated GPRS Detach Procedure	Qualcomm	04.08	GPRS	6.14.0	R97	F	A1099	1	CR	Revised from 624	REVISED TO 677
1-10656	Clarification of Network Initiated GPRS Detach Procedure	Qualcomm	04.08	GPRS	7.11.0	R98	A	A1101	1	CR	Revised from 625	REVISED TO 678
1-10657	Clarification of Network Initiated GPRS Detach Procedure	Qualcomm	24.008	GPRS	3.7.0	R99	A	405	1	CR	Revised from 626	REVISED TO 679
1-10658	Clarification of Network Initiated GPRS Detach Procedure	Qualcomm	24.008	GPRS	4.2.0	Rel-4	A	411	1	CR	Revised from 644	REVISED TO 680
1-10659	Modification to MS's MM states to enable LCS signalling on RR layer	Siemens/ Nokia	04.08	LCS	7.11.0	R98	F	A1097	1	CR	Revised from 607	REVISED TO 681
1-10660	Modification to MS's MM states to enable LCS signalling on RR layer	Siemens/ Nokia	24.008	LCS	3.7.0	R99	A	395	1	CR	Revised from 608	NOTED
1-10661	Modification to MS's MM states to enable LCS signalling on RR layer	Siemens/ Nokia	24.008	LCS	4.2.0	Rel-4	A	396	1	CR	Revised from 609	NOTED
1-10662	Length of User-user IE	Siemens	24.008	TEI	4.2.0	Rel-4	A	333	2	CR	Revised from 629	AGREED
1-10663	Length of User-user IE	Siemens	24.008	TEI	3.7.0	R99	F	332	2	CR	Revised from 628	AGREED
1-10664	Mapping of NAS procedures to RRC Establishment causes	Ericsson	24.008	TEI	3.7.0	R99	F	412	1	CR	Revised from 645	NOTED
1-10665	Mapping of NAS procedures to RRC Establishment Cause	Ericsson	24.008	TEI	4.2.0	Rel-4	A	413	1	CR	Revised from 646	NOTED
1-10666	Clarification to REQUEST PDP CONTEXT ACTIVATION	Nokia / Serge Haumont	24.008	GPRS	3.7.0	R99	F	397	1	CR	Revised from 611	AGREED
1-10667	Clarification to REQUEST PDP CONTEXT ACTIVATION	Nokia / Serge Haumont	24.008	GPRS	4.2.0	Rel-4	A	398	1	CR	Revised from 612	AGREED
1-10668	Stored list of equivalent PLMNs and error/abnormal cases	Telia AB	23.122	GSM/ UMTS interworking	3.6.0	R99	F	023	1	CR	Revised from 613	AGREED
1-10669	Stored list of equivalent PLMNs and error/abnormal cases	Telia AB	23.122	GSM/ UMTS interworking	4.0.0	Rel-4	A	024	1	CR	Revised from 614	AGREED
1-10670	Classmark 1,2 and 3 corrections	Duncan Mills / Vodafone	24.008	TEI / GSM-UMTS I'working	3.7.0	R99	F	402	1	CR	Revised from 621	Not available
1-10671	Classmark 1,2 and 3 corrections	Duncan Mills / Vodafone	24.008	TEI / GSM-UMTS I'worki	4.2.0	Rel-4	A	403	1	CR	Revised from 622	Not available

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1-10672	InterSystem handovers in 23.009	Nortel Networks	23.009	GSM/ UMTS interworking		R99				Disc	Revised from 643	NOTED
1-10673	LS on Priority selection criteria of calls in a multicall	Robert		Multicall						LS OUT		NOTED
1-10674	Partial Roaming - restriction by location area	Hutchison 3g	24.008	TEI	3.7.0	R99	F	415		CR		NOTED
1-10675	Corrections and clarifications to PLMN Selection	Ericsson	23.122	TEI	3.6.0	R99	F	026	1	CR	Revised from 647	AGREED
1-10676	Corrections and calrifications to PLMN selection	Ericsson	23.122	TEI	4.0.0	Rel-4	A	027	1	CR	Revised from 648	AGREED
1-10677	Clarification of Network Initiated GPRS Detach Procedure	Qualcomm	04.08	GPRS	6.14.0	R97	F	A1099	2	CR	Revised from 655	AGREED
1-10678	Clarification of Network Initiated GPRS Detach Procedure	Qualcomm	04.08	GPRS	7.11.0	R98	A	A1101	2	CR	Revised from 656	AGREED
1-10679	Clarification of Network Initiated GPRS Detach Procedure	Qualcomm	24.008	GPRS	3.7.0	R99	A	405	2	CR	Revised from 657	AGREED
1-10680	Clarification of Network Initiated GPRS Detach Procedure	Qualcomm	24.008	GPRS	4.2.0	Rel-4	A	411	2	CR	Revised from 658	AGREED
1-10681	Modification to MS's MM states to enable LCS signalling on RR layer	Siemens/ Nokia	04.08	LCS	7.11.0	R98	F	A1097	2	CR	Revised from 659	AGREED
1-10682	Indication of Intra MSC handover from 3G_MSC-B to MSC-A/3G_MSC-A	Inma Carrión	23.009	Handover	3.6.0	R99	F	025	3	CR	Revised from 598	WITHDRAWN
1-10683	Indication of Intra MSC handover from 3G_MSC-B to MSC-A/3G_MSC-A	Inma Carrión	23.009	Handover	4.0.0	Rel-4	A	027	1	CR	Revised from 599	WITHDRAWN

Annex E Liaison Statements OUT

None

Annex F Ageed Work Items

None

Annex G Agreed specifications (TS or TR)

None

Annex H List of CRs to N1 drafts

None