3GPP TSG_CN / SMG3   **Tdoc NP-000021**
Plenary Meeting #7, Madrid, Spain
13th – 15th March 2000.

Source:	**CN SS ad hoc**
Title:	**Meeting Report SS ad hoc #5 (incl. Multicall ad hoc)**
Agenda item:	**5.4.1**
Document for:	**Information**

Report
TSG CN SS ad hoc#5
(incl. the ad hoc meeting on multicall)
Sophia Antipolis, France
17th - 18th of February 2000

Chairman: Steffen Habermann (T-mobil)
Secretary: Monica Hellman (3GPP support team)
Host: ETSI

List of participants: Annex A
Output documents   Annex B
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Outstanding Issues - Multicall   Annex D

Documents could be found on the 3GPP-server:
ftp://ftp.3gpp.org/TSG_CN/SS_adhoc/TSGN_SS_05/Docs

1 Opening and approval of proposed agenda

The interim chairman Steffen Habermann welcomed everyone to the fifth SS ad hoc meeting. He was happy to see so many at his last meeting as a chairman of this group. Monica Hellman informed about the arrangement of the meeting. The Einstein building is a new building of ETSI. MCC are located in the building since the end of last year. Two meeting rooms has been reserved for this meeting if the multicall meeting takes more time than excepted then it will be possible to split the meeting into one multicall and one that takes care of other issues.

NS-000001,source Chairman: *Agenda*
The chairman proposed that the meeting starts with the multicall issues and then continue tomorrow with other issues.
Discussion: At lunch time tomorrow the multicall issues will be reviewed. The SS ad hoc meeting has to take place. Tomorrow there must be a decision if there is a need to have an other Multicall meeting.
Conclusion: Agreed

NS-000002, source Chairman: *Agenda allocation*
Steffen Habermann presented a proposal of documents allocated to the agenda item.
Discussion:
Comments of the documents:
NS-000010 will be treated at Multicall Stage 3 part of the agenda.
The title of NS-000030 seems not to be right.
Document NS-000015 & NS-000016 are withdrawn.
Both Ericsson and NTT propose two different CRs for stage 1. Both of them were presented at the last S1 meeting but no one was approved. The documents were forwarded to this ad hoc meeting for further treatment. There is a luck of information of the mandate from S1. The delegate from Nokia called Tommi Kokkola who is the rapporteur of the multicall He reported that this ad hoc meeting has the mandate to decide but formally S1 will approve the CR via the e-mail explorer, after this meeting.
Conclusion: Agreed

2 Reports from other meetings / general / liaison statements

NS-000003, source MCC: *Meeting Report #4*
The meeting report from the last SS ad hoc meeting was presented for information.
Conclusion: Noted

3.1 Stage 1 aspects

NS-000018, CR (cat F) on 22.135, source Ericsson: *Multicall Stage 1 CR*
Heinz-Peter Keutmann presented the contribution from Ericsson that proposes to have Multicall as a Supplementary services.
Discussion:
- Limitation of number of calls doesn't need to be specified.
- Changes in the scope.
- Packet switched should not be specified here.
- NCS is a temporary value. What's the actual limit? The NCS is dependent of the terminal capability. How it the capability dependent of the terminal? There is a document from N1 that describes the capability.
- 5.8.1 NDUB operation has to be moved. The subscriber should be able to change the subscription by himself or he can decide what type of terminal calls he would like to have. In the current stage 1 specification there are no requirement of the subscriber handling. Further evolution of the service should make it easier for subscriber handling.
- NCS should be revised. Ian Park will come up with a nice description of the datatype.
- Implicit call forwarding is specific to multicall.
- Clause 7.4.1 It is just applicable for speech call. The limit is just for additional datacall. This is not specified in the call hold specification. Some mobile manufactures has

implemented in the mobile stations today but it's not standardized. Proposal to just add that's it's just for speech call. This will be kept as a informative note.

- It was decided to not put in any limitation in the stage 1, today. Later this week we will see if there is a need to limit the scope.
- What's the definition of the priority? Will the subscriber be able to change it by themselves? It has to be described as normative of the specification of multicall or as interaction with IMLPP. There are two difference type of priority; Network specific handling (e.g.112) and IMLPP.
- Alcatel asked about why ODB is not mentioned but it has no impact. It is no requirement for it yet.
- Relation to speech and teleservice is an open issue. This will be solved after the discussion of NTT DoCoMos proposal.

Conclusion: Revised

NS-000035, CR (cat F) on 22.135, source NTT DoCoMo: *Clarification of requirement*
 To clarify the following points.
- Scope
- Relation between number of bearers and number of calls
- NDUB definition
- Interaction with other services
- Compatibility with future releases

Discussion:
- Stage 1 specification shall describe the service from the subscribers point of view. Therefore there should not be described if it's a network feature or a supplementary service. One difference from NS-000018 is the subscriber handling.
- The second bullet of 6.18 was not a feasible requirement.
- An Vodafone proposal is to clarify that if the subscriber request an emergency call the call will be set up. One proposal to handle this is to specify that all calls will be rejected and the emergency call will be set up. A mobile station that support multicall shall make sure that it will be possible to set up an emergency call even though the network doesn't support multicall.
- The limit of simultaneous call shall not be defined yet. This will be discussed later on at the stage 2 discussion. NTT DoCoMo and Ericsson will together prepare a common CR during this week.
- 6.4.2 CW description of this specification is not clear. It has to be described more in detail. Do we limit it to one active speech call or do we limit it to one speech call? We limit the multicall to only one bearer that is used for speech at a certain time.
- 5.3 Lucent had a comments that the NDUB definition has to be revised. This will be handled off line.
- Subclause is 7.2.1 removed due to it's a future requirement and it will not be discussed at this meeting. It is an agreement to take out everything that is for future releases.
- For CAMEL busy, there is a need of two different CAMEL busy one for speech and one for non speech. If there are further requirement the CAMEL people have to be take care of it. The section could be deleted.
- Registration and interrogation parts are deleted in the NTT contribution.

Conclusion: Revised

NS-000028, source N2: *LS on clarification of Multicall requirement*
Discussion: The document covers issues that has been discussed earlier today.
Conclusion: Noted

NS-000013, source NTT comware: *Stage1.5 for Multicall*
The intention of the document was to summarize the basic principle
Discussion: The limitation of speech to one was discussed. Nokia informed the meeting that this was decided at the S1 multi call ad hoc meeting and that it was not any service requirements for it. It is there due to technical reasons, to try to make it easier at the later stages e.g. Call Hold can be left as it is.
Since there is a stage 2 now it's not necessary to keep updating the document. The table could be included in stage 2, as an informative annex. The applicable tables have to be cleaned up before they are transferred.
Conclusion: Noted.

NS-000041, CR on 22.135, source NTT DoCoMo, NTT Comware, Ericsson: *Multicall Supplementary Service Stage 1*
Discussion: NTT DoCoMo presented the document that the originators have prepared during the night session:
- Multicall is defined as a Supplementary Service in the CR.
- The definitions in 3.1 of limitations has to be changed.
- The references has to be updated and the definitions need to be reviewed.
- Section 7.4.2 first sentence should be deleted.
- Ian Park will propose a new text of Emergency call .
- Section 9 should be moved to an informative annex.
- 7.4.2 the interaction between Multicall and Call Waiting isn't clear enough and has to be updated.
- No impact on ODB should be mentioned.
The document needs further revisions before it could be sent out for E-mail approval.
Conclusion: E-mail discussion

NS-000037, 22.135, source MCC: *Stage 1 of multicall*
For information.
Conclusion: Noted

NS-000038, source Nokia: *Extract from the S1 draft report about multicall.*
For information
Conclusion: Noted

3.2 Stage 2 aspects

NS-000011, CR on 23.135 , source NTT comware: *stage2 specification for Multicall*
Kazuo Mitamura from NTT communication Ware presented the proposed stage 2 specification
- ***Discussion:*** Requirements of emergency call when both the terminal and the network support multicall is missing in the CR. The network should release enough resources to be able to support emergency call.
- Edzo de Vries commented that in the discussion of stage 1 it was decided to have multicall as a Supplementary Service.
- Ian Park asked about the OR in the information flow and it was there before it was any 23.018. This is not used any longer and should be removed.
- Mobile station capability has to be send just before the second set up. The LS in tdoc number NS-000026 cover some of the issues discussed.
- The abbreviation in the two stages should be the same.
- The numbers of bearer should be indicated in the information flow.
- Information element of total number in 4.2.2, allowed, in used or?
- It shall not be any Maximum number of calls in stage 2 since it is withdrawn from stage 1.
- In figure 5.1.1, there are some checks before it checks if it's a emergency call. Heinz-Peter Keutmann proposed that the check for emergency call shall be checked first. It will be left as it is specified today.
- The information elements has to be updated.
- Open point stream identifier handling needs to be identified and has to be handled off line and reflected in the revised stage 2 specification.

- In figure 5.1.2, the VLR checking, the total number of bearer can't be less then 1 and needs to be revised. The total number of bearers are defined in the table of 4.2.2.1.
- One open issue on the basic handling, is it feasible to have simultaneous call establishment.
- There are still open issue of handover of multicall.
- 23.009 doesn't cover multicall today. It should be defined there. If it's will be defined in 23.135 then it must a reference in 23.009. It is a contribution on this and it will be presented later on.
- A working assumption it's prepared to coop with two call set up at the same time. N1 is asked to take care of it.

Conclusion: Revised

NS-000023, CR on 23.135, source Ericsson: *Proposed Stage 2 for Multicall*
Heinz-Peter presented the contribution.
Discussion:

- Last section. Ncs user and Nsc max, why are they included in the location updated accept? Improvement is needed.
- 4.1.3 figure 1.3, the registration shall take place in the VLR.
- Handover, how is it defined? Per bearer! This is still an open issue. Further clarification is needed.
- 4.1.1 originating set up: MCO4 shall not be there and MCO5 the figure has to be updated.
- The figure in clause 4.7. The Ncs is not needed here but is needed for interogation.
- Do we need the information flow and the SDLs for provisioning? 1.1& 1.2 is not needed.
- Open issue: different capabilities in the RAN. How shall this issue be transferred or we have to store it somewhere? If we don't know RAN limit there MSC will try to set up a call. There is no limitation in RAN on how many calls that can be set up to the same subscriber. Therefore there is no need of this parameter.
- 4.8 references to 23.018. The call handling is described in the NTT proposal. In order to have a proposal ready after this meeting. Ericssons proposal is focusing on handover and NTT is focusing on the basic call handling. Combining of this two contributions is the best way to continue.

Conclusion: Revised

NS-000033, source NTT Comware: *Handover scenarios*
Masahiro Kikuchi presented the document. The document described different solutions that may be used for handover of muticall. It describes one A scenario for Possibility A: MSC-A knows MSC-B capability before sending MAP_PREPARE_HANDOVER request; and three B scenarios, Possibility B: MSC-A does not know MSC-B capability before sending MAP_PREPARE_HANDOVER request.B2 has already been excluded.
Discussion: Ian Park excluded B1 and B3 is not suitable. The only possible solution could be A. Edzo de Vries proposed a fourth B solution. A1 and the Database structure about the capabilities of the neighborhood capability proposed by Ian Park has to be resolved. The discussion will continue off line.
Conclusion: Revised in NS-000045

NS-000045, source NTT Comware: *Handover scenario for Multicall (rev. version)*
goes to the e-mail list
Conclusion: Noted

NS-000024, source Ericsson: *Problems to be solved for MC R99*
Heinz-Peter presented the contribution and the only open issue that still are left is the stream identifier.
Discussion: The handling of stream identifier was not solved during the discussion. The relation between transaction identifier and the stream identifier has to be clarified.
Conclusion: Noted

NS-000010, source Fujitsu: *Notification of Number of Bearers Supported by MS*
Discussion: The document has. The principle of the document was agreed. Indication of speech bearer in relation of bearer has to be included.
Conclusion: Endorsed

NS-000027, source N2: *Liaison Statement on access signalling and mobile station behavior for Multicall*
Ian Park presented the document.
Discussion: The document will be forwarded to CN so that they can see some background information.
Conclusion: Noted

NS-000042, CR on 23.135, source NTT DoCoMo, NTT Comware, Ericsson: *Multicall Supplementary Service Stage 2*
NTT presented the document.
Discussion: 4.3.2.8 will be removed.
Procedure Procedure Establish_Terminating_TCH_Multicall1 needs to be revised.
Re-use of an excising bearer has to be considered. Rejection should be showed in stage 2.
The value of the SI should be no value.
Conclusion: E-mail discussion

NS-000039, source : Yun-Chao Hu *Conclusion of the open issues in Stage2*
During the meeting some open issues were identified. They were kindly noted by Yun-Chao Hu.
Conclusion: Noted

3.3 Stage 3 aspects

NS-000044, CR on 24.135, source Ericsson, NTT Comware: *Multicall Supplementary Service Stage 3*
Kazuo Mitamura presented the proposed Stage 3 specification.
Discussion:
- 4.1.4 Mobile terminating call. The figure 4.6 is wrong SI in the connect should be A-B.
- Introduction of the handling of call waiting services is needed.
- SA_user should be defined and the used abbreviation should be used properly.
- Including the transaction messages in the information flows.
- SI value? What's the principle of allocation? Alcatel and Ericsson proposed a flexible use of SI. Vodafone is supporting that the first one available shall be used. We don't define any allocation rule SI. If the MSC doesn't support the Multicall, the first call has to have SI=1. Why is it used for the first call? The SI is a link between call and bearer and therefore has to be used even for the first call. It is already described in that way in 24.008. A reference to 24.008 has to be included in the multicall specification. Nokia pointed out that this will have impact on old switches. One way to solve this is to put it into the terminals. A question to N1 is how can the network tell the terminal if it support Multicall or not. Other solutions have to be checked.
- Cause values needs to be aligned in the different stages.
Conclusion: E-mail discussion

Other CR:s for WI:Multicall

SS ad hoc specifications
NS-000012, CR 003on 23.083, source NTT comware: *Addition of the description for Multicall*
Call Waiting can be activated per basic service basis. If there are several types of ongoing calls, Call Waiting can be offered.
Discussion: Rejected in favor 23.018
Conclusion: Rejected

NS-000014, CR on 23.018, source NTT comware: *Addition of the description for Multicall*
Conclusion: Revised

NS-000029, CR 001 (cat B) on 23.011, source Ericsson: *Introduction of Multicall*
Discussion: MCC and the rapporteurs will update the references.
Conclusion: Rejected

NS-000030, CR 001 (cat B) on 24.010, source Ericsson: *Introduction of Subscriber Data for Multicall*
Discussion: MCC and the rapporteurs will update the references.
Conclusion: Rejected

NS-000031, CR 001 (cat B) on 29.011, source Ericsson: *Introduction of Subscriber Data for Multicall*
Discussion: MCC and the rapporteurs will update the references.
Conclusion: Rejected

NS-000036, CR on 29.002, source N2: *RANAP support on the E-interface*
Discussion: Presented for information. Has already been approved
Conclusion: Noted

N2 specifications

NS-000019, CR 015 (cat B) on 23.008, source Ericsson: *Introduction of Multicall*
Discussion: N2A000019 & N2A000020 shall be discussed at the mailing list. The documents will then be revised before they are presented at the next N2B meeting.
Conclusion: N2B ad hoc

NS-000020, CR 012 (cat B) on 23.016, source Ericsson: *Introduct. of Subscriber Data for MC*
Conclusion: N2B ad hoc

NS-000022, CR 079 (cat B) on 29.002, source Ericsson: *Introduction of Multicall*
Conclusion: Rev. for N2B ad hoc

NS-000043, CR 025 rev 4on 23.018, source Ericsson: *Addition of the description for multicall*
Discussion: The originators of the two documents NS-000021 and NS-000043 are asked to together revise one of the CRs in line with what has to been discussed at this Ad hoc meeting. The document will be discussed at the SS ad hoc mailing list.
Conclusion: N2B ad hoc

NS-000021, CR 040 (cat B) on 23.018, source Ericsson: *Addition of description for Multicall*
Conclusion: N2B ad hoc

N1

NS-000046, CR on 24.008, source N1: *Approved Cr about stream identifier.*
The document is presented for information.
Conclusion: Noted

Summary of the multicall ad hoc meeting

Since the documents are not stable enough to send to the plenary, it will be an E-mail discussion about them on the SS ad hoc e-mail list. The three document stage 1, 2 and 3 will be sent to N1 and N2B meetings together with the CRs relevant their groups. After the meetings the documents will be sent out for e-mail approval, before sending them to the plenary.

4 TSG CN SS ad hoc #5

4.1 Multiple Subscriber Profile, Phase 2 (TS 23.097)

NS-000008, CR 004 (cat D) on 23.097, source Vodafone Airtouch: *Minor editorial corrections*
Ruth Hewson presented the contribution.
Discussion: If no comments is received next week the document will be approved.
Conclusion: Approved

4.2 Follow Me (TS 23.094)

NS-000025, CR 001 (cat F) on 23.094, source Siemens: *Follow Me stage 2 specification*
Faqiang Qian presented the CR regarding Some corrections and changes of the formulations.
Conclusion: Approved

4.3 USSD Enhancements (TS 23.090/24.090)

No contributions.

4.4 Call Forwarding Enhancements (TS 23.082/24.082)

NS-000006, CR on , source Vodafone Airtouch: *Technical Realisation of Long Forwarded-to Numbers*
Ruth Hewson presented the document with the aim to explain what's going on in different groups. The relevant CRs to other specification about long forwarded numbers is attached.
Conclusion: Noted

NS-000040, CR 004 rev 1 (cat B) on 23.082, source Vodafone Airtouch: *Addition of Long Forwarded-to Numbers*
Revised version of NS-000007. Ruth Hewson presented the document.SMG1 agreed a CR to GSM 02.82 (now TS 22.082) to allow the registration of forwarded-to numbers up to 28 digits long. The handling of this enhancement should be dealt with in the Call Forwarding stage 2 specification.
Discussion: (subclause x.9) shall change to be (subclause x.10). The revised document doesn't need to be presented. If no one has any comment in one weeks time the CR is approved. The Work Item Long forwarded number is then finalized
Conclusion: Revised in NS-000048

NS-000048, CR 004 rev 2 (cat B) on 23.082, source Vodafone Airtouch: *Addition of Long Forwarded-to Numbers*
Revision of NS-000040
Conclusion: Approved

4.5 UUS Enhancements (TS 23.087/24.087)

4.6 Other Work Items with supplementary service impacts

4.6.1 CAMEL

NS-000004, CR 003 rev 2 (cat C) on 23.082, source NTT Comware: *Introduction of 'Notification to CSE flag' to CF*
Masahiro Kikuchi presented the document. In CAMEL phase3, it is requirement that the change of the call forwarding supplementary service data, which is stored in the HLR, is notified to the gsmSCF(s). And the notification is controlled by gsmSCF, that is, gsmSCF can activate and deactivate the notification to the CSE by using MAP_Any_Time_Modification operation, which is newly introduced operation. For the reason described above, the 'notification to CSE flag' was needed to the call forwarding supplementary service.
Discussion: Ian Park proposed editorial improvement.
Conclusion: Revised in NS-000049

NS-000005, CR 001 rev 2 (cat B) on 23.088, source NTT Comware: *Introduction of 'Notification to CSE flag' to CB*
Masahiro Kikuchi presented the contribution.
Discussion: Some editorial changes will be discussed off line together with Ian Park.
Conclusion: Revised in NS-000050

NS-000009, CR 005 (cat A) on 23.082, source Vodafone Airtouch: *Inclusion of TIF-CSI*
Ruth Hewson presented the contribution
Discussion: No comments.
Conclusion: Approved

NS-000049, CR 003 rev 3 (cat C) on 23.082, source NTT Comware: *Introduction of 'Notification to CSE flag' to CF*
Revision of NS-000004
Discussion: Doesn't need to be presented. One week time of comments.
Conclusion: Approved

NS-000050, CR 001 rev 2 (cat B) on 23.088, source NTT Comware: *Introduction of 'Notification to CSE flag' to CB*
Revised version of document NS-000005.
Discussion: One week time of comments.
Conclusion: Approved

LCS

NS-000026, CR 002 (cat A) on 24.080, source T1P1.5: *Correction to Location Notification Type and LCS-MOLR errors*
Viginie Mouton presented the document from T1P1. Location Notification Type is changed to have three values: notifyLocationAllowed, notifyAndVerifyLocationAllowed and notifyAndVerifyLocationNotAllowed. It describes the intended outcome of the notification procedure more clearly, i.e. there is less room for misinterpretations regarding default outcome in case of no response from the MS. The datatype NotificationToMSUser defined in GSM TS 09.02 is reused instead of defining the type in this specification.
Discussion: Editorial notes has to be withdrawn. The syntax has to be checked.
Conclusion: Revised in NS-000052

NS-000032, CR A016 (cat F) on 04.80, source T1P1.5: *Correction to Location Notification Type and LCS-MOLR errors*
Discussion: Mirrored CR to Tdoc NS-000032
Conclusion: Revised in NS-000052

NS-000051, CR A016 rev 1 (cat F) on 04.80, source T1P1.5: *Correction to Location Notification Type and LCS-MOLR errors*
Revision of NS-000032 (included the check of syntaxes)
Conclusion: Approved

NS-000052, CR 002 rev 1 (cat A) on 24.080, source T1P1.5: *Correction to Location Notification Type and LCS-MOLR errors*
Revision of NS-000026 (included the check of syntaxes)
Conclusion: Approved

Annex A Participants list

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Annex B Output Documents

Approved Change Requests

TDoc #	spec	CR #	Rev	ca	Title	Conclusion
NS-000051	04.80	A016	1	F	Correction to Location	Approved
NS-000049	23.082	003	3	C	Introduction of 'Notification to	Approved
NS-000048	23.082	004	2	B	Addition of Long Forwarded-	Approved
NS-000009	23.082	005		A	Inclusion of TIF-CSI	Approved
NS-000050	23.088	001	2	B	Introduction of 'Notification to	Approved
NS-000025	23.094	001		F	Follow Me stage 2	Approved
NS-000008	23.097	004		D	Minor editorial corrections	Approved
NS-000052	24.080	002	1	A	Correction to Location	Approved

Documents for E-mail Discussion

TDoc #	spec	Title	Conclusion
NS-000041	22.135	Multicall Supplementary	E-mail discussion
NS-000042	23.135	Multicall Supplementary	E-mail discussion
NS-000044	24.135	Multicall Supplementary	E-mail discussion

Annex C List of Documents

TDoc #	spec	CR #	Re	Title	Conclusion	WI
NS-000001				Agenda	Agreed	
NS-000002				Agenda allocation	Agreed	
NS-000003				Meeting Report #4	Noted	
NS-000004	23.082	003	2	Introduction of 'Notification to	Rev. NS-000049	CAMEL phase
NS-000005	23.088	001	2	Introduction of 'Notification to	Rev. NS-000050	CAMEL phase
NS-000006				Technical Realisation of	Noted	CF Enh.
NS-000007	23.082	004		Addition of Long Forwarded-	Rev. NS-000040	CF Enh.
NS-000008	23.097	004		Minor editorial corrections	Approved	MSP Phase 2
NS-000009	23.082	005		Inclusion of TIF-CSI	Approved	CAMEL Phase
NS-000010				Notification of Number of	Endorsed	Multicall
NS-000011				stage2 specification for	Revised	Multicall
NS-000012	23.083	003		Addition of the description for	Rejected	Multicall
NS-000013				Stage1.5 for Multicall	Noted.	Multicall
NS-000014	23.018			Addition of the description for	Revised	Multicall
NS-000015	23.008			Introduction of maximum	Withdrawn	Multicall
NS-000016	23.016			Introduction of maximum	Withdrawn	Multicall
NS-000017	29.002			Introduction of maximum	Withdraw	Multicall
NS-000018	22.135			Multicall Stage 1 CR	Revised	Multicall
NS-000019	23.008	015		Introduction of Multicall	Rev. for N2B ad	Multicall
NS-000020	23.016	012		Introduct. of Subscriber Data	Rev. for N2B ad	Multicall
NS-000021	23.018	040		Addition of description for	Rev. for N2B ad	Multicall
NS-000022	29.002	079		Introduction of Multicall	Rev. for N2B ad	Multicall
NS-000023				Proposed Stage 2 for	Revised	Multicall
NS-000024				Problems to be solved for	Noted	Multicall
NS-000025	23.094	001		Follow Me stage 2	Approved	ASCI
NS-000026	24.080	002		Correction to Location	Rev.NS-000052	LCS
NS-000027				Liaison Statement on access	Noted	Multicall
NS-000028				LS on clarification of Multicall	Noted	Multicall
NS-000029	23.011	001		Introduction of Multicall	Rejected	Multicall
NS-000030	24.010	001		Introduction of Subscriber	Rejected	Multicall
NS-000031	29.011	001		Introduction of Subscriber	Rejected	Multicall
NS-000032	04.80	A016		Correction to Location	Rev.NS-000052	LCS
NS-000033				Handover scenarios	Rev.NS-000045	Multicall
NS-000034				RAN Capability and	Withdrawn	Multicall
NS-000035	22.135			Clarification of requirement	Revised	Multicall
NS-000036	29.002			RANAP support on the E-	Noted	Multicall
NS-000037	22.135			Stage 1 of multicall	Noted	Multicall
NS-000038				Extract from the S1 draft	Noted	Multicall
NS-000039				Conclusion of the open	Noted	Multicall
NS-000040	23.082	004	1	Addition of Long Forwarded-	Rev.NS-000048	CF Enh.
NS-000041	22.135			Multicall Supplementary	E-mail discussion	Multicall
NS-000042	23.135			Multicall Supplementary	E-mail discussion	Multicall
NS-000043	23.018	025	4	Addition of the description for	Rev. for N2B ad	Multicall
NS-000044	24.135			Multicall Supplementary	E-mail discussion	Multicall
NS-000045				Handover scenario for	Noted	Multicall

NS-000046	24.008			Approved Cr about stream	Noted	Multicall
NS-000047				------------------		
NS-000048	23.082	004	2	Addition of Long Forwarded-	Approved	CF enh
NS-000049	23.082	003	3	Introduction of 'Notification to	Approved	CAMEL Ph 3
NS-000050	23.088	001	2	Introduction of 'Notification to	Approved	CAMEL Ph 3
NS-000051	04.80	A016	1	Correction to Location	Approved	LCS
NS-000052	24.080	002	1	Correction to Location	Approved	LCS

Annex D Outstanding Issues - Multicall

TDoc #	Title	Conclusion	WI
NS-000039	Conclusion of the open issues in Stage2	Noted	Multicall