

3GPP TSG_CN#6
ETSI SMG3 Plenary Meeting #6,
Nice, France
13th – 15th December 1999

NP-99460

Agenda item: 5.4.1
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Title: Draft Report TSG CN SS ad hoc meeting #4
Document For: Information



Draft Report
TSG CN SS ad hoc meeting#4
Henley-on-Thames, UK
30th November – 2nd December 1999

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



List of participants: Annex A
Output documents: Annex B
Tdoc list (incl. the status): Annex C

Documents could be found on the 3GPP-server:
ftp://ftp.3gpp.org/TSG_CN/SS_adhoc/TSGN_SS_04/Docs/



Opening and approval of proposed agenda

The chairman Steffen opened the meeting and Celine welcomed everybody to Henley on Thames. She also invited the delegates to a social event at one of the local restaurants with local English food. It will take place at one of the Indian restaurant in Henley on Wednesday.

Tdoc N_SS-99117

The agenda in document Tdoc N_SS-99117 was presented. There was no comment and the agenda was approved.

Tdoc N_SS-99143

A document with a proposed allocation of document to the agenda items.

- New documents: 141 & 143 are documents for information. Agenda item 4.3
- Document 144 is a new document in agenda item 4.3.
- The LS in 122 is withdrawn. The document was sent by mistake from N1.

The agenda allocation was approved.

Reports from other meetings / general / liaison statements

Steffen reported from other meetings.

CN plenary in Kyonju:

It was a decision to freeze R97 & R98 and no new features will be included in these releases. CRs are allowed if they are very important corrections or if the correction are approved by all the manufactures. Each CR has to have one of three certain categories before it can be approved. A document with these categories will be available at this meeting.

Follow me will be a GSM specification. The specification was presented at a 3GPP Specification due to a decision at a previous meeting. At CN#5 there was a decision to transfer it back to GSM since ASCI is a GSM feature and they would like it to keep this two WI together. Both SS ad hoc and S1 would like to have it as a 3GPP spec.

Two different ad hoc groups were created. ITU ad hoc and OSA/VHE.

Yun Chao Hu and Ian Park are delegates in the ITU ad hoc group. So interested delegates can contact them.

The OSA/VHE ad hoc group was created due to lack of information about the impact for CN in the stage 3. They have had one first meeting and will have the second one in a couple of weeks. The chairman of the meetings is Yun Chao Hu.

Report from N2A

The N2 meeting has decided what will be a part of Camel phase 3 even though there are some more work with some of the items. There is an editors group meeting in Germany this week that will finalise the CRs of the specifications that will be sent to the plenary.

Meeting report

Tdoc N_SS-99118

A draft version of the meeting report was presented in Tdoc N_SS-99118. The draft version has already been presented at the last CN-plenary meeting. There was no last day for comments but no comments have been received so far.

Decision: The document was approved

Liaison Statements

Tdoc N_SS-99119

The document is Liaison statement on 3G-H.324M from the N2. They inform SS ad hoc about a new bearer service that may have impact of the SS. SS ad hoc decided to wait for a decision from S1.

Decision: The document was noted.

Tdoc N_SS-99120

An answer from N2 to a LS from SS ad hoc on CCBS interactions with 3G TS 23.012 was presented. SS ad hoc see a need on co-operation with N2 on this issue. Information on the status of 23.012 is required and SS-ad hoc has to inform CN plenary about the impact. The specification will be sent out on E-mail to the SS ad hoc list so it can be discussed at the next meeting.

Decision: The document was noted. For further study.

Tdoc N_SS-99122

Withdrawn

Tdoc N_SS-99123

The document, a response to a LS on Service/Baseline Implementation Capabilities, from N3 was presented by the chairman. It is sent as a copy to SS ad hoc and no action is needed.

Decision: The document was noted.

Tdoc N_SS-99158

TSG-T2 SWG6 have received a document with comments from SS ad hoc on a LS on Service/Baseline Implementation Capabilities of the NAS. They thank SS ad hoc for the comments and described the outcome of the comments. SS ad hoc had one comment on the response and that was that the categories should be revised. Steffen will contact the originator of the document.

Decision: The document was noted.

GSM Release 97 and 98 supplementary service matters**Tdoc N_SS-99145**

For information Steffen presented the liaison to other TSGs, about the CN decision to freeze R97 & 98. All changes to R97 & R98 have to be categorised before they will be submitted to CN.

Decision: The document was noted.

Multiple Subscriber Profile Phase 1**Tdoc N_SS-99124**

Comments on 03.97-A003 (MSP phase 1, Call Deflection & O-CSI apply in Connect). Alcatel points out that the specification defines things that are not needed, the O-CSI applicable parameter. Alcatel will write a CR on this.

Decision: The document was noted.

Tdoc N_SS-99125

The document of Interaction between MSP Call Forwarding & GSM Call Forwarding is a contribution from Alcatel. There is a need to of clarification of it for the MSP. The MSP shall not have any CF provisioned in the HLR. Alcatel will write a CR on it.

Decision: The document was noted.

Tdoc N_SS-99152

Patrick presented the CR that covers the issues that were discussed in document Tdoc N_SS-99124 & Tdoc N_SS-99125. It will be categorised with Category C3, which means that has to be agreed among the manufactures. A mirrored CR to 23.097 that will have category A will be presented later on by Alcatel.

Decision: The CR was approved.

Tdoc N_SS-99159

The mirrored CR to Tdoc N_SS-99152 was presented and approved.

Decision: The CR was approved.

Release 99 supplementary service matters

The chairman informed the delegates that Release 99 has to be finalised during this week. Next year it will not be possible to add new features in R99 just add changes to features that are already a part of R99. In the end of the meeting SS ad hoc has to have a clear view on what is possible to have in R99 and what has to be handed over to release 2000

Multiple Subscriber Profile, Phase 2

Tdoc N_SS-99127

Ruth presented a CR to 23.072-002r1 on Inclusion of the handling of the Service Interaction Indicators Two parameter from Vodafone Airtouch. The CR was presented at the last meeting. The only thing that has been changed in the CR since the last meeting is the procedure name.

Decision: The CR was approved

Tdoc N_SS-99128

CR 23.083-001r1 on Inclusion of the handling of the SII2 parameters from Vodafone Airtouch was presented. The only thing that has been changed since the last meeting is the Company name on the coversheet.

Decision: The CR was approved.

Tdoc N_SS-99129

Ruth presented the CR 23.084-001 on Inclusion of the handling of the SII2 parameters from Vodafone Airtouch. The coversheet is the only thing that has been changed since the last meeting..

Decision: The CR was approved.

Tdoc N_SS-99130

The CR 23.091-001 on Inclusion of the handling of the SII2 parameters was presented. The coversheet has been changed since the last meeting.

Decision: The CR was approved.

Tdoc N_SS-99131

The CR 23.093-001r1 on Inclusion of the handling of the SII2 parameters has been changed since the last meeting due to an alignment to a decision at the CAMEL meeting. Names and values SII2 parameter has been changed.

Decision: Revised in document Tdoc N_SS-99153

Tdoc N_SS-99153

Ruth presented the Revised Version of Tdoc N_SS-99131. The only change that has been done in this document since it was presented last time is the alignment of the name. One word is still missing and will therefore be revised in document Tdoc N_SS-99155.

Decision: Revised in document Tdoc N_SS-99155.

Tdoc N_SS-99155

The Revised Version of Tdoc N_SS-99155 was presented and approved

Decision: The document was approved.

Tdoc N_SS-99132

A CR on Addition of CCBS to the SS Invocation Notification to 23.093 was presented at the last meeting in Sophia but since someone came up with a much better solution it has been revised. The CR has been updated in that way: MSP Phase 2 requires CCBS recalls to be charged to the correct profile, hence notification of CCBS invocation is required. SS notification's hooks should be described in the CR. The document will be revised in Tdoc N_SS-99154.

Decision: Will be revised in document Tdoc N_SS-99154

Tdoc N_SS-99126

Ruth presented the CR 23.097-002 on MSP. There are still some works to be done and therefore new CRs on this topic will be presented at other meetings.

Decision: The CR is approved.

Follow Me (GSM 03.94/04.94)

Tdoc N_SS-99134

The contribution is a proposal for handling of interaction Follow Me with CFU from Siemens. Faqiang presented the document. At the last meeting in Sophia Antipolis there was a proposal to change the CFU processes due to introduction of FM. The CFU and the FM are two different services and it is interactions between them. For safety reason the FM registrations is not allowed to override. The proposal is, if FM is registered as active, CFU will automatically be registered as active but not vice versa. If registration of FM has been done, the result of interrogation of CFU will give the result of FM. The CFU is needed to forward the FM call. Since the CFU shall not be changed from the subscriber's point of view the proposal was not agreed. There was a proposal to introduce a FM controller that will take care of the co-ordination between the FM and CFU. With this there is not need to change 03.82. Faqiang will start to edit the SDLs in the specification tonight. An explanation has to be included in the specification and the labels are missing in the document 03.82.

Decision: The document was rejected.

Tdoc N_SS-99135

Due to the decision of Tdoc N_SS-99134 the Tdoc N_SS-99135 was not relevant.

Decision: The document was withdrawn

Tdoc N_SS-99136

SS ad hoc asked about Service code10 but in the spec 25 is defined but there hasn't been confirmed in a written format. Ruth will contact Alan Cox and ask about it.

Comments on the contribution was:

- SI in figure 4.1 note 2 shall be changed from Supplementary Information to AI, additional information.
- The interaction with CFU is missing.
- Some editorial comments in annex A from Vodafone.

Decision: Revised Version will be presented tomorrow in document Tdoc N_SS-99149

Tdoc N_SS-99137

Faqiang presented a proposal to introduce Forced Erasure in the stage 2 specification. A CR to FM Spec Stage1 (02.94) in respect of Forced Erasure by supervisor has been submitted to the SA1 and will be handled this week. If it will be accepted by the SA1, then a solution should be worked out in stage 2. Vodafone commented that there are just two days left to finalise R99 the FM specification has to be stable. Option B in the contribution is the only one that can be provided for R99 and preferred one.

In the end of the week Celine informed that S1 agreed to include Forced Erasure in stage 1.

Decision: The option is the preferred one.

Tdoc N_SS-99138

Since S1 has decided to include the Force Erasure in stage 1. Faqiang presented Siemens proposed changes in the Stage 2 specification to include the Forced Erasure by supervisor. The SDL still has to be updated. A new version 1.3.0 which will include the proposed changes shall be sent out on E-mail to the SS ad hoc list on Tuesday and last day for comments is Thursday If it's agreed on Thursday it will be sent to the plenary on Friday morning. Otherwise the version 1.2.0 will be sent to CN#6.

Decision: The principle is agreed but further work has to be done. SS ad hoc has to wait for a decision from the S1.

Tdoc N_SS-99149

Faqiang Revised Version of the Follow me stage 2 specification. Comments: Same name for the same procedures. The general comment

Decision: The document will be revised in Tdoc N_SS-99157.

Tdoc N_SS-99157

The Revised Version Tdoc N_SS-99149 was agreed and will be sent to CN plenary.

Decision: The document was approved.

Tdoc N_SS-99160

Celine presented proposed LS from Nortel to have Follow me as a 3GPP specification. SS ad hoc has already sent a LS to an earlier CN plenary saying that they recommend them to have it as a 3GPP specification, not a GSM specification. SS ad hoc delegates are still convinced that they would like to have it as a 3GPP specification and the chairman will highlight it in the plenary.

Decision: The document was rejected.

Tdoc N_SS-99161

Celine presented the CR to 02.94 on Introduction of the role of a "Follow Me service supervisor" that was agreed at the S1 meeting, this week for information.

Decision: The document was noted.

USSD Enhancements (GSM 03.90/04.90)**Tdoc N_SS-99144**

Regis presented the CR 23.090-001 on USSD enhancement from France Telecom. The delegates are asked to check the SDLs. Ruth and Regis will at an ad hoc meeting check the SDLs and if there is a need of editorial changes.

Decision: The document will be revised in document Tdoc N_SS-99148.

Tdoc N_SS-99148

The revised version of Tdoc N_SS-99144 was presented and approved.

Decision: The document was approved

Tdoc N_SS-99141 & Tdoc N_SS-99142

Celine presented the two CRs of 23.002 that was approved in the N2 meeting in Phoenix two weeks ago, for information. The work items of these CR are Follow me and USSD.

Decision: The document was noted.

Call Forwarding Enhancements (GSM 03.82/04.82)**Tdoc N_SS-99133**

Ruth presented the CR 23.082-002 from Vodafone on Inclusion of the handling of Long Forwarded-to Numbers. Has to present, longer than 15 digits, the supported entity shall use the long forwarded to number instead of forwarded to number. A LS to S1 explaining what they get. Ruth will prepare the LS in document td-146.

Open issues new ss version of ss operation. SS version indicator is needed. Postponed and SS ad hoc would like to have it in R99 even though further work is needed.

Call deflection is not included. This will be highlighted in the LS to S1.

Is it supported in CAMEL

Decision: Several open issues and the item will be discussed later.

UUS Enhancements (GSM 03.87/04.87)

Other Release 99 Work Items with impact on supplementary services

Location Services

Tdoc N_SS-99139

Raja presented document from T1P1 on LCS. The document contains several documents but T1P1 ask SS ad hoc about endorsement of a CR 04.30 and approval CR 04.80-A060.

SS ad hoc see a need of more detailed information is for the 04.30.

- The parameters send should be named. .
- Who will take care of the spec?
- Is it a supplementary service?

The new specification was endorsed by ss ad hoc at technical viewpoint but is not a SS ad hoc specification

For CR 04.80-A060 SS ad hoc noted that there is no background information is provided. It will probably be described in the 03.71 specification.

- Spelling corrections is needed.
- A mirrored CR is needed

CN has an agreement with SMG to approve this for R98. In C#5 agreed to freeze the R98 and therefore SS ad hoc will ask the CN plenary of advice. Steffen and Raja will draft the LS.

Decision: A LS to CN will be provided in Tdoc N_SS-99147 asking about advice.

GLR

Multicall

Tdoc N_SS-99121

A liaison from N2 addressed SS ad hoc, S1 and N1 was presented. N2 point out that stage 1 defines multicall as a basic service even though it defines service control procedures. SS ad hoc view is that multicall is not a basic service. It might be either network feature or Supplementary service. Steffen will draft a LS to S1 that will be presented on Thursday.

Decision: The document was noted.

Tdoc N_SS-99140

Lisa presented a CR from Ericsson on Alignment with the CW description for Multicall in the 23.083-002. The conditions are described in the stage 1 specification not in stage 3 and therefore there is a need of a reference to the stage 1. Maximum number of calls is not defined in the stage 1 specification. The status of the specification was not known and the latest version will therefore be available later in this meeting. The delegates are also asked to collect more information from S1 and N2.

After the discussion of Tdoc N_SS-99150 and Tdoc N_SS-99151 the CR was rejected.

Decision: The CR was rejected.

Tdoc N_SS-99150

The stage 1 specification was presented for information.

Comments and open issues in stage 1:

- Bearer and calls are mixed up
- If there are 7 ongoing transactions CW can't be executed.
- Interaction with other supplementary services.

Steffen will draft a LS, addressed CN highlighting that there are many open issues. Multicall has been on the agenda at several SS ad hoc meetings but just a few contributions have been submitted.

Therefore SS ad hoc recommends that it will not be included in R99. The LS will be presented in Tdoc N_SS-99156.

Decision: The document is noted.

Tdoc N_SS-99151

The CR 22.0823-002 on multicall has been sent for information to the meeting. SS ad hoc doesn't see why this CR has been submitted and the status of it. If it has been agreed at SA, it sounds strange that they agree on such a CR.

Decision: The document was noted.

CAMEL Phase 3

Any other business

Output document- LS

Tdoc N_SS-99146

Proposed LS source Vodafone to S1 on Service Requirements for Long Forwarded-to Numbers. A copy shall be sent to N2.

Decision: The document was accepted with a modification.

Tdoc N_SS-99147

A proposed LS about the LSC from T1P1. Technical issues

Decision: The document was accepted. Since SS ad hoc are asking CN for advice it will first be sent to CN plenary.

Tdoc N_SS-99156

Proposed LS to CN about Multicall was presented. There were some comments on it and a proposal to add comments on interaction with CCBS. The document will be revised in Tdoc N_SS-99162 and will be sent out for discussion on the SS ad hoc list.

Decision: The document will be revised in Tdoc N_SS-99162.

Review of draft report

There was no draft version of the report available.

Future meeting dates and closing of the meeting

The next meeting will be held on the 15-17 February year 2000. Vodafone Airtouch proposed that future meetings would take place in Europe. Since all the delegates are from Europe, the meeting was in favour of this. There are no host yet and default is ETSI in Sophia Antipolis, France.

The Chairman thanked all the delegates of their participants and their contributions. He also thanked Nortel for hosting the meeting and for the excellent lunches and dinner. The meeting was closed.

Annex A

List of participants

Delegate	Company	E-mail
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Annex B

Output documents

1. CRs

Tdoc	Title	Item
N_SS-99126	CR 23.097-002 on Inclusion of MSP Phase 2 functionality	MSP phase2
N_SS-99127	CR 23.072-002r1 on Inclusion of the handling of the SII2 parameters	MSP phase2
N_SS-99128	CR 23.083-001r1 on Inclusion of the handling of the SII2 parameters	MSP phase2
N_SS-99129	CR 23.084-001 on Inclusion of the handling of the SII2 parameters	MSP phase2
N_SS-99130	CR 23.091-001 on Inclusion of the handling of the SII2 parameters	MSP phase2
N_SS-99148	CR 23.090-001r1 on USSD enhancement (rev of 144)	USSD enhancement
N_SS-99152	CR 03.97-A006 on Interaction between MSP Call Forwarding & GSM Call Forwarding	MSP phase1
N_SS-99155	CR 23.093-001r3 on Inclusion of the handling of the SII2 parameters (rev of 153)	MSP phase 2
N_SS-99159	CR 23.097-003 on Interaction between MSP Call Forwarding & GSM Call Forwarding (mirrored to 152)	MSP phase1

2. Outgoing Liaison Statements

Tdoc	To	Copy:	Title	
N_SS-99146	S1	N2	Requirements for Long Forwarded-to Numbers	 N_SS-99146.doc
N_SS-99147	T1P1.5, TSG CN		Liaison Statement on Location Services (LCS)	 N_SS-99147.doc

3. New Specification

Tdoc	Title
N_SS-99157	New Version of FM stage 2 Spec 03.94 v.1.2.0

4. E-mail discussion

Tdoc	Title	Item
N_SS-99154	CR 23.093-002r2 on Addition of CCBS to the SS Invocation Notification (rev. of 132)	MSP phase 2
N_SS-99162	proposed LS to CN on Multicall (rev. of 156)	Multicall
N_SS-99163	New Version of FM stage 2 Spec 03.94 incl. forced erasure	Follow me

Annex C

Tdoc	Title	Status
N_SS-99117	agenda	Approved
N_SS-99118	Meeting report from Sophia	Approved
N_SS-99119	Liaison statement on 3G-H.324M	Noted
N_SS-99120	LS on CCBS interactions with 3G TS 23.012	Noted
N_SS-99121	Liaison statement on Multicall	Noted
N_SS-99122	LS on Service/Baseline Implementation Capabilities	Withdrawn
N_SS-99123	Response to LS on Service/Baseline Implementation Capabilities	Noted
N_SS-99124	Comments on 03.97-A003 (MSP phase 1, Call Deflection & O-CSI apply in Connect	Noted
N_SS-99125	Interaction between MSP Call Forwarding & GSM Call Forwarding	Noted
N_SS-99126	CR 23.097-002 on Inclusion of MSP Phase 2 functionality	Agreed
N_SS-99127	CR 23.072-002r1 on Inclusion of the handling of the SII2 parameters	Agreed
N_SS-99128	CR 23.083-001r1 on Inclusion of the handling of the SII2 parameters	Agreed
N_SS-99129	CR 23.084-001 on Inclusion of the handling of the SII2 parameters	Agreed
N_SS-99130	CR 23.091-001 on Inclusion of the handling of the SII2 parameters	Agreed
N_SS-99131	CR 23.093-001r1 on Inclusion of the handling of the SII2 parameters	Rev in 153
N_SS-99132	CR 23.093-002r1 on Addition of CCBS to the SS Invocation Notification	Rev in 154
N_SS-99133	CR 23.082-002 on Inclusion of the handling of Long Forwarded-to Numbers	postponed
N_SS-99134	Notes of FM-CFU interaction	Rejected
N_SS-99135	CR to 03.82; CFU enhancement for FM	Withdrawn
N_SS-99136	New Version of FM stage 2 Spec 03.94	Rev in 149
N_SS-99137	Notes of FM Forced Erasure	Noted
N_SS-99138	New Version of FM stage 2 Spec with Forced Erasure.	noted
N_SS-99139	LCS CRs and TSs for GSM Release 98 in SMG#30bis	Endorsed
N_SS-99140	CR on 23.083-002: Alignment with description for Multicall	Rejected
N_SS-99141	29.002-069 on Correction of the USSD procedure in the HLR.	Noted
N_SS-99142	29.002-??? Introduction of Follow Me	Noted
N_SS-99143	Agenda allocation	Approved
N_SS-99144	CR 23.090-001 on USSD enhancement	Rev in 148
N_SS-99145	Liaison statement to freeze the CAMEL Release 97 & Release 98	Noted
N_SS-99146	LS to S1 on CF enhancement	Approved
N_SS-99147	LS to T1P1 about the LCS answer to 139	Approved
N_SS-99148	CR 23.090-001r1 on USSD enhancement (rev of 144)	agreed
N_SS-99149	New Version of FM stage 2 Spec 03.94 (rev of 136)	Rev in 157
N_SS-99150	Multicall stage 1,	Noted
N_SS-99151	CR 22.0823-002 on multicall	Noted
N_SS-99152	CR 03.97-A006 on Interaction between MSP Call Forwarding & GSM Call Forwarding	Agreed
N_SS-99153	CR 23.093-001r2 on Inclusion of the handling of the SII2 parameters (rev of 131)	Rev in 155
N_SS-99154	CR 23.093-002r2 on Addition of CCBS to the SS Invocation Notification (rev. of 132)	E-mail
N_SS-99155	CR 23.093-001r3 on Inclusion of the handling of the SII2 parameters (rev of 153)	Agreed
N_SS-99156	proposed LS to CN on Multicall	Rev in 162
N_SS-99157	New Version of FM stage 2 Spec 03.94 (rev of 149)	Agreed
N_SS-99158	LS on Service/Baseline Implementation Capabilities	Noted
N_SS-99159	CR 23.097-003 on Interaction between MSP Call Forwarding & GSM Call Forwarding (mirrored to 152)	Agreed
N_SS-99160	Proposed Liaison Statement on Follow Me to be part of 3GPP	Rejected
N_SS-99161	CR 02.94-Introduction of the role of a " Follow Me service supervisor:"	Noted
N_SS-99162	proposed LS to CN on Multicall (rev. of 156)	E-mail
N_SS-99163	New Version of FM stage 2 Spec 03.94 incl. forced erasure	E-mail