

ETSI-GSM
Meeting No 31
Kiruna 1991.06.10 - 14

GSM MEETING REPORT

Place: Kiruna
Time 1991.06.10 - 14
Agenda: See Annex 1
Participants: See Annex 2
Documents: See Annex 3

1 OPENING OF THE MEETING

The chairman opened the meeting on behalf of the hosts, Comvik, Ericsson, Nordic Tel and Swedish Telecom, predicting the ending of 9 years of phase 1 activities and approaching opening of the GSM system.

2 ADOPTION OF THE AGENDA

The approved agenda appears as Annex 1 to this report.

3 REGISTRATION OF DOCUMENTS

The documents listed in Annex 3 were considered.

4 REPORT ON ETSI ACTIVITIES

4.1 TCC and TA

New documents for information only:

Letter/Doc 261/91

The document is a letter from the ETSI Director and concerns application of the one step (accelerated) approval procedure for I-ETS amendments for DCS 1800.

Input doc to TA/Doc 263/91

The document is a letter from the TA chairman with the title "New responsibilities for GSM for next generation universal mobile telecommunications systems (UMTS)". The document will be presented to TA in September.

4.2 Election of GSM4 Chairman

No candidates were presented to the GSM chairman. The delegates were urged to put forward candidates. The chairman expressed the concern that if no GSM 4 chairman (or stand-in) is elected, then the GSM 4 work will have to stop.

The chairman expressed, on behalf of GSM, appreciation of and thanks to Mr Crisp for his contribution in the work as a chairman of GSM 4 that he leaves for other duties. GSM wished Mr Crisp good luck.

5 PT 12 STATUS REPORT

Status Report, Doc 254/91

The distribution of documents is a heavy duty for PT12. PT12 will thus apply the ETSI rules and procedures more rigorously, i.e. less copies will be distributed.

In spite of the coordination efforts, the TE9 draft standards are no longer aligned with the SIM standard, defined in GSM Spec 11.11.

The list of ENSO's accepting the GSM specifications was presented. Most countries accepted all documents. Two countries, Sweden and Malta, have not answered.

The problems with the transfer of PT12 to Valbonne and the PT12 staff leaving for different reasons were discussed to some extent.

GSM should state the consequences to ETSI of transferring PT12 to Valbonne in

- December, 1991
- mid 1992
- later than mid 1992

A kick-off meeting under the new OMEG chairman, Mrs Hertel (Mannesmann), is planned on 25th - 27th June, 1991, in Duesseldorf (invitation is in Annex 6).

Despite a letter from the GSM chairman, urging ETSI members to provide rapporteurs, it seems that very few new rapporteurs have volunteered. Instead it appears that participation to STC meetings has increased.

Doc 282/91 on COCOM and Export Version of GSM

The latest information available from COCOM suggests that there will be a number of restrictions on the export of GSM to certain countries. This includes a number of aspects of the system, such as traffic encryption and signalling. However, some relaxation is given for Poland, Hungary and Czechoslovakia, where unmodified mobile stations may be made available, provided the traffic encryption facility is irreversibly disabled in the basestation.

Decision/Action:

To form an informal group of GSM delegates, who know their national COCOM delegates, to coordinate GSM activities to lobby for relaxation of the COCOM rules.

6

STC REPORTS, RECOMMENDATIONS AND CR's

GSM 1 Status Report, Doc 208/91

Comments:

Section 2.4

GSM decided to keep the two DCS unique MS power classes and the five GSM power classes separated (GSM 02.06).

Section 2.6

Bearing in mind that "National Roaming" is an operator option, GSM decided to incorporate "National Roaming" in the GSM technical specification 02.11.

Section 2.7

The CR to GSM 02.30 on "Grouping of Services" was postponed, since Doc 210/91 was not available at GSM 31.

Section 2.8

GSM noted the GSM 1 opinion to divert from CCITT version of CUG service (GSM 02.85). GSM did not come to a decision but gave the guidance that the technical solution must preserve compatibility with ISDN.

Section 2.9

See further under SIMEG issues/Doc 241/91.

Section 4.2

A brief description of all GSM specifications was requested. PT12 does not have the resources available to develop this description.

Annex

The principle of cross phase compatibility for the SIM-ME interface was endorsed by GSM with the deletion of the last sentence in paragraph 5, beginning "It may ...".

Letter Doc 241/91 on SIMEG issues

Letter from SIMEG chairman to chairman of ETSI STC TE9, dealing with changes in version 7 of the TE9 standards, not compatible with Rec 11.11. However, it was pointed out that TE9 has decided to go back to the more compatible version 6.

A sub-group of SIMEG was formed, chaired by Mr Hamling, to check 11.11 and TE9 specifications. A list of discrepancies has been sent to TE9.

The conclusion is that, since TE9 and SIMEG are both ETSI members, the discrepancies can be solved by TCC.

Because of the constraints due to manufacturing the SIMEG cannot cope with the instability of the TE9 recs.

GSM 2 Status Report, Doc 242/91

Very few items for phase 1, and no phase 2 CR's, were presented. No general remarks were presented, but all specific issues are covered below.

GSM 3 Status Report, Doc 255/91

Comments:

Section 1.5,a (and section 2.4.2, 4th paragraph)

The advice of GSM was requested on the proposal. See also Doc 237/91 for further information.

Decision:

GSM endorsed GSM 1, GSM 3 and SPS 2 activity to include transparent unstructured data in MAP version 2, i.e for GSM 1 to study a generic method and pass requirements to GSM 3 and SPS 2.

Section 1.5, bDecision:

GSM confirmed that the operation "transfer of charging data" from MSC to HLR cannot be deleted.

Section 1.5, c

GSM noted the request for a mandate to arrange a joint GSM 1, 3 and 4 meeting to finalize the answers to the SPS 2 questions.

Decision:

Mandate to complete the answers to SPS 2 and to arrange a joint GSM 1, 3 and 4 meeting was endorsed. The meeting will be held at PT12 on the 27-28 of June.
(TDoc 283/91, modified to include GSM 4).

Due to the large number of participants and in order to allow planning in advance of the GSM 3 meetings, the GSM 3 chairman asked for a decision on the date of the GSM meeting in March 1992 to be taken at GSM 31.

Section 2.2.1

The following text is missing:

"During the Helsinki meeting of GSM 3, it was agreed to draw the attention of GSM to the fact that for phase 1 MS the values for the "Type of Number" for dialled number can only be "unknown" or "international". The "national" value is forbidden."

GSM 3 MAP Related Matters**Rec 09.02 in Doc 272/91 on Status of MAP Version 2
Elaboration**

Comments:

Section 1.3

Work plan for MAP, version 2, was presented.

There is a risk for extra delay of 3 months, if the open issues are not clarified before end of June, 1991.

Section 1.4

Presentation of MAP, version 2, to be presented to CCITT for information in September.

Conclusion

SPS2 intended to present MAP version 2 to CCITT to replace Blue Book version of Q.1051. It is hoped that there is no acceptance problem. If other versions are proposed against MAP V2, it might be possible to empose only European proposal. If as a result of CCITT XI/1 discussion several regional versions are proposed to replace Q.1051 Blue Book, ETSI will withdraw their proposal and will not accept other inclusions.

Doc 271/91 on summary of outstanding questions for MAP, Version 2.

Comment: Noted

GSM 4 Status Report, Doc 214/91

Comments:

Section 2.2

Doc 216/91 was endorsed.

Section 2.4

Validation of the Fax Group 3 (Rec's 03.45 and 03.46) to be made by the manufacturers themselves individually.

Attempts will be made to engage some parties during the GSM 31 meeting to gain more resources for validation.

Section 2.10

As discrepancies have been found in the GSM 11.10 specification concerning type approval tests of Data Services, and the core specification, a complete reconsideration of the relevant parts of GSM 11.10 is necessary. Doc 215/91 describes this problem and asked GSM for guidance how to resource this work.

Doc 274/91 on Completion of the Phase 1 GSM type approval test system

A letter to GSM from GSM-MoU/RIC on completion of the phase 1 GSM type approval test system was presented. It outlines the need for stable test specifications to be available as soon as possible, in particular for SMS, Data Services (phase 1) and Phase 2 features.

The GSM chairman urged delegates, who find these specifications important, to provide the necessary resources.

The GSM 4 Chairman will draft a letter to be sent from GSM chairman to the relevant operators in MoU-RIC and also to some manufacturers to provide the necessary resources.

Section 2.11

GSM endorsed the activities to sort out remaining problems. Doc 220/91 contains a complete description of the subject.

Section 5

The dates given for the 3rd meeting (28-31 Nov) are incorrect. The proper dates are 28th October - 1st November.

6.1

Changes for Phase 1

Joint CR in Doc 213/91 to
Rec 11.11, phase 1, version 3.7.0

Decision:

CR 11.11-69	Approved
CR 11.11-70	Approved
CR 11.11-73 R1	Approved
New version	3.8.0

Joint CR in Doc 238/91 and Doc 239/91 to
Rec 04.06, phase 1, version 3.8.0

Decision:

CR 04.06-42 R1	Approved
CR 04.06-39	Approved (Category changed to essential)
CR 04.06-43	Approved
New version	3.9.0

Joint CR's in Doc 244/91 to
Rec 05.04, phase 1, version 3.1.2,
Rec 11.10, phase 1, version 3.4.0,
Rec 11.40, phase 1, version 3.3.0

Decision:

CR 05.04-02	Rejected	New version	None
CR 11.10-157	Approved (as rev 1)	New version	3.5.0
CR 11.40-022 R2	Approved	New version	3.4.0

Note: The resulting Joint CR's to Rec 11.10 and 11.40 are presented in Doc 278/91.

Joint CR's in Doc 217/91 to
 Rec 04.21, phase 1, version 3.2.0
 Rec 07.03, phase 1, version 3.2.0
 Rec 09.07, phase 1, version 3.6.0

Decision:

CR 04.21-3	Approved	New version 3.3.0
CR 07.03-3	Approved	New version 3.3.0
CR 09.07-22	Approved	New version 3.7.0

Joint CR's in Doc 218/91 to
 Rec 02.02, phase 1, version 3.1.0
 Rec 02.30, phase 1, version 3.8.0
 Rec 02.30, phase 2, version 4.1.0
 Rec 07.01, phase 1, version 3.10.0
 Rec 09.07, phase 1, version 3.6.0
 Rec 11.10, phase 1, version 3.4.0

Decision:

CR 02.02-3 R1	Approved	New version 3.2.0
CR 02.30-44	Approved	New version 3.9.0
CR 02.30-45	Approved	New version 4.2.0
CR 07.01-19 R1	Approved	New version 3.11.0
CR 09.07-23	Approved	New version 3.7.0
CR 11.10-156	Approved	New version 3.5.0

Joint CR's in Doc 206/91 to
 Rec 11.01, phase 1, version 3.0.0
 Rec 11.10 phase 1, version 3.0.0

Decision:

CR 11.01-02	Approved (to withdraw Rec 11.01)
CR 11.10-125	Approved (already incorporated in current version 3.4.0)

Joint CR's in Doc 245/91 to
 Rec 05.05, phase 1, version 3.13.0
 Rec 11.10, phase 1, version 3.4.0
 Rec 11.40, phase 1, version 3.3.0

Decision:

CR 05.05-40	Rejected	Not essential for ph 1
CR 11.10-158	Approved	New version 3.5.0
CR 11.40-023	Approved	New version 3.4.0

CR in Doc 250/91 to
Rec 11.10, phase 1, version 3.4.0

Decision:

CR 11.10-126	Approved
CR 11.10-127	Approved (Category changed to essential)
CR 11.10-128	Approved
CR 11.10-129	Approved
CR 11.10-130	Approved
CR 11.10-131	Approved
CR 11.10-132	Postponed (Review in Doc 279/91)
CR 11.10-133	Approved
CR 11.10-145	Approved
CR 11.10-146	Approved
CR 11.10-147	Approved
CR 11.10-148	Approved
CR 11.10-149	Approved
CR 11.10-151	Approved
CR 11.10-152	Approved
CR 11.10-153	Approved
CR 11.10-159	Approved (Category changed to essential)
CR 11.10-160	Withdrawn
CR 11.10-161	Withdrawn
CR 11.10-162	Approved
New version	3.5.0

CR's in Doc 251/91 to
Rec 11.10, phase 1, version 3.4.0

Decision:

CR 11.10-134 R1	Approved
CR 11.10-135 R1	Withdrawn (review in Doc 269/91)
CR 11.10-136	Approved*
CR 11.10-137	Approved*
CR 11.10-138	Postponed (review in Doc 281/91)
CR 11.10-139	Approved*
CR 11.10-140	Approved*
CR 11.10-141	Approved
CR 11.10-142	Approved
CR 11.10-143	Approved*
CR 11.10-144	Approved
CR 11.10-154	Approved
CR 11.10-155	Approved
New versions	3.5.0

* Category changed to essential.

CR in Doc 269/91 to
Rec 11.10, phase 1, version 3.4.0

Decision:

CR 11.10-135 R2 Approved
New version 3.5.0

CR in Doc 273/91 to
Rec 11.10, phase 1, version 3.4.0

Decision:

CR 11.10-160 R1 Approved
New version 3.5.0

CR in Doc 279/91 to
Rec 11.10, phase 1, version 3.4.0

Decision:

CR 11.10-132 R1 Approved
New version 3.5.0

CR in Doc 280/91 to
Rec 11.10, phase 1, version 3.4.0

Decision:

CR 11.10-150 R1 Approved
New version 3.5.0

CR in Doc 281/91 to
Rec 11.10, phase 1, version 3.4.0

Decision:

CR 11.10-138 R1 Approved
New version 3.5.0

New Document for information only

Doc 261/91 on TMN work

The document was transferred to GSM 3 and OMEG from NA4 and has the complete title "Liaison statement to GSM on TMN work".

6.2 DCS 1800

Two documents were presented, and the final versions will be presented to GSM 32. The documents were:

GSM 11.10-DCS, version 1.3.0, Doc 257/91
GSM 11.40-DCS, version 1.0.0, Doc 259/91

Doc 256/91, titled "Temporary Internal RF Connector for Type Approval", was also presented to GSM, who was asked to endorse alignment with the approach of ETS 300 086.

GSM decided to send the document to GSM 2 for examination.

6.3 Changes for Phase 2

GSM 1

CR in Doc 209/91 to
Rec 02.07, phase 2, version 3.4.1

Decision:

CR 02.07-12 R1 Approved

New version 4.0.0

CR's in Doc 211/91 to
Rec 02.81, phase 2, version 4.0.0

Decision:

CR 02.81-7 Approved

CR 02.81-8 R2 Approved

New version 4.0.1

**Draft Version of Rec 02.84 in Doc 212/91 on Multi Party
Supplementary Service**

The document was presented for information only.

GSM 2

Rec 03.22, phase 2, version 1.1.0, Cover Note in Doc 249/91
(Title "Outline of Idle Mode Tasks")

Decision:

New title: "Functions related to MS in Idle Mode".

Remarks:

This is a new specification according to the outline, agreed by GSM 30 at Bristol and under the joint responsibility of GSM 2 and 3.

The section on Access Control Class gives a slight misinterpretation of the current Phase 1 requirements. This will be corrected by the rapporteur. As this is a new specification, it should follow the PNE rules as already agreed in GSM.

TDoc 246/91 on Frequency extension bands

Four options were presented. GSM 2 asked for guidance as to which options should be pursued. An extensive discussion on the subject and what consequences the different options could lead to, took place.

Decision:

GSM 2 will look into options 2 and 3 and make proposals accordingly.

TDoc 247/91 on Preliminary considerations on 64 kb/s data transmission on GSM

ETSI have requested this study, mainly with bearing on creating a substitute for the non-existing fixed telephone network in eastern Europe.

It was concluded that there would be no further study on this item unless there was further marketing input. There would evidently have to be significant changes to the GSM system, even to support stationary (no hand-over) mobiles.

GSM 3

CR's in Doc 229/91* to
Rec 03.08, phase 2, version 3.7.0

Decision:

CR 03.08-025 R1 Approved
 CR 03.08-027 R2 Approved
 CR 03.08-028 R2 Approved
 CR 03.08-030 R1 Approved
 CR 03.08-031 R1 Approved
 CR 03.08-032 R1 Approved
 CR 03.08-034 R1 Approved (changed from cat D to C)
 CR 03.08-035 R3 Approved (changed from cat D to C)
 CR 03.08-040 R1 Approved
 CR 03.08-041 Withdrawn

New version 4.0.0

**CR's in Doc 226/91 to
 Rec 03.11, phase 2, version 3.1.1**

Decision:

CR 03.11-003 R1 Approved
 CR 03.11-005 R1 Approved
 CR 03.11-006 Approved
 CR 03.11-010 Approved

New version 4.0.0

**CR in Doc 234/91 to
 Rec 03.11, phase 2, version 3.1.1**

Decision:

CR 03.11-009 R3 Approved

New version 4.0.0

**CR's in Doc 221/91* to
 Rec 03.82, phase 2, version 3.2.0**

Decision:

CR 03.82-011 R2 Approved
 CR 03.82-013 R3 Approved
 CR 03.82-015 R2 Approved
 CR 03.82-020 R1 Approved

New version 4.0.0

CR's in Doc 223/91 to
Rec 03.83, phase 2, version 4.0.0

Decision:

CR 03.83-001 R1	Approved
CR 03.83-002 R2	Approved
New Version	4.1.0

CR in Doc 224/91 to
Rec 03.88, phase 2, version 3.2.0

Decision:

CR 03.88-021	Approved
New version	4.0.0

CR in Doc 234/91 to
Rec 03.88, phase 2, version 3.2.0

Decision:

CR 03.88-022	Approved
New version	4.0.0

CR's in Doc 227/91* to
Rec 04.10, phase 2, version 3.2.3

Decision:

CR 04.10-013 R2	Approved
CR 04.10-014 R1	Approved
CR 04.10-019 R1	Approved
New version	4.0.0

CR in Doc 234/91 to
Rec 04.10, phase 2, version 3.2.3

Decision:

CR 04.10-018	Approved
New version	4.0.0

CR's in Doc 228/91 to
Rec 04.80, phase 2, version 4.2.0

Decision:

CR 04.80-010 R3	Approved
CR 04.80-012 R3	Approved
CR 04.80-018 R1	Approved
CR 04.80-019 R2	Approved
CR 04.80-020	Approved

New version 4.3.0

CR's in Doc 222/91 to
Rec 04.82, phase 2, version 3.1.3

Decision:

CR 04.82-016 R2	Approved
CR 04.82-023	Approved

New version 4.0.0

CR in Doc 225/91* to
Rec 04.88, phase 2, version 3.1.3

Decision:

CR 04.88-015 R1	Approved
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New version 4.0.0

Remark to * for the following documents:

Doc 221, CR 03.82-13, rev 3
Doc 225, CR 04.88-15, rev 1
Doc 227, CR 04.10-19, rev 1
Doc 229, CR 03.08-35, rev 3:

"As this functionality is highly desirable, infrastructure manufacturers are encouraged to implement it in Phase 1 in order to allow Phase 2 MS's to use it in as many networks as possible."

CR in Doc 253/91 to
Rec 09.02, phase 2, version 3.8.0

Decision:

CR 09.02-126
CR 09.02-131
CR 09.02-132

Note: To be forwarded to SPS 2 for inclusion in MAP.

Joint CR's in Doc 230/91 to
Rec 03.82, phase 2, version 3.2.0
Rec 03.88, phase 2, version 3.2.0

Decision:

CR 03.82-014 R3	Approved
CR 03.88-017 R1	Approved

New version	4.0.0
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Joint CR's in Doc 231/91 to
Rec 03.82, phase 2, version 3.2.0
Rec 03.11, phase 2, version 3.1.1
Rec 03.08, phase 2, version 3.7.0

Decision:

CR 03.82-010 R3	Approved
CR 03.11-007 R3	Approved
CR 03.08-036 R2	Approved

New versions	4.0.0
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Joint CR's in Doc 232/91 to
Rec 03.82, phase 2, version 3.2.0
Rec 03.88, phase 2, version 3.2.0
Rec 03.11, phase 2, version 3.1.1
Rec 03.08, phase 2, version 3.7.0

Decision:

CR 03.82-019 R2	Approved
CR 03.88-019 R2	Approved
CR 03.88-020 R1	Approved
CR 03.11-008	Approved
CR 03.08-029 R4	Approved

New versions	4.0.0
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Joint CR's in Doc 233/91 to
 Rec 03.88, phase 2, version 3.2.0
 Rec 03.08, phase 2, version 3.7.0

Decision:

CR 03.88-023 Approved
 CR 03.08-042 Approved

New versions 4.0.0

Draft Specifications for Phase 2

The following documents were presented for information only:

Rec 03.81, version 1.3.0 in Doc 235/91
 Rec 04.81, version 1.0.0 in Doc 236/91.

7 **HALF-RATE CODER GROUP STATUS REPORT (Doc 265/91)**

The report (Doc 265/91) on the Half-Rate Coder Group activities was presented to GSM, together with the documents 248/91 and 268/91.

Doc 248/91, titled "Half rate speech coding issues", answers the two questions put by GSM to GSM 2 at the last GSM meeting.

The one dB, referred to by GSM 2, as the improvement expected with an interleave scheme of 6 is 1 db C/I but would equate to approx 1 dB Q. The extra cost incurred, in selecting a different multiple access scheme, is not significant in terms of incremental cost but no information was given on possible re-design and replacement of equipment, already subject to procurement contracts. More information on this is anticipated at the next GSM 2 meeting.

In response to a request included in the document, the TC-HS chairman indicated that the two tests requested by GSM 2, would be included in the characterisation phase of the speech Codec.

Doc 268/91, titled "GSM Half Rate Speech Coder Specification", stresses that the selection requirements should be considered as minimum requirements.

This view was endorsed by GSM.

Half Rate - Speech Codec (TM5/TCH-HS)

Motorola presented Doc 266/91, titled "Half Rate Codec" and proposing that the final selection is increased from five to six candidates, to include Motorola.

The proposal led to much discussion of the speech codec selection process, mainly concerning whether or not the exclusion of the Motorola candidate would lead to the best chance of selecting the best available codec.

It was stated that the "fall-back" solution, proposed by TCH-HS, could be adopted with a minimal increase in time scale, if no coder was found to be adequate among the first five.

It was also stated by some delegates that TCH-HS had followed rules and that these rules should be adhered to. It was the view of some members that TCH-HS rules were modified in January, as they were found to be not adequate to resolve the situation, presented at that time.

A number of delegates expressed the view that the 3 month's delay referred to in the status report of TCH-HS was preferable to not being sure to select the best available speech coder as mobiles using that coder would be in use in the system for a long time to come.

The chairman asked for an indicative vote to assess the degree of support for the proposal for the Motorola code to be added to the list of preselected codecs, thus increasing the number to 6. The result of the voting was:

20 delegates for yes
12 delegates for no

The chairman then asked those who had voted no if they could accept the majority view. This was accepted.

Although this result will mean a probable delay of some 3 months, the half rate mobile will be very prominent on the networks for a long time to come, so a 3 months' delay is preferable to allow to select the best possible half rate speech coder.

GSM agreed to send a letter, Doc 286/91 to TM5/TCH-HS to convey to them the decision of GSM.

Resources

Dr Braun announced that he has changed his duties and will not be able to continue as chairman of the Half-Rate Codec Group.

8

REPORT FROM MoU

Doc 276/91, titled "Report on MoU matters", including three Liaison Statements, was presented to GSM. There were no comments on the report.

A copy of a letter from MoU to mobile station manufacturers, "GSM mobile network codes, and the presentation of country initials and mobile network names", was made available, to the participants.

The meeting was informed that ETISALAT of the United Arab Emirates have decided to install a GSM system.

As to Liaison Statement on responsibility split for rec's between GSM and MoU, GSM accepted to resume responsibility for rec's. GSM 02.02, 02.03, 02.04 and 02.07. For further information, see Doc 275/91.

Concerning the Liaison Statement on language coding in SMS cell broadcast, increasing the number of coded languages. It was noted that GSM is already elaborating a cross phase compatible solution.

9

PROGRAMME MANAGEMENT

9.1

Phase 2 Work Programme (Doc 260/91)

A working party, chaired by Mr Ghillebaert, was set up to investigate possible scenarios and prioritise the Work Items in Doc 260/91, based upon the Doc 193/91, Rev 1 Work Plan, from GSM 30 meeting at Bristol. Three scenarios were considered:

- Phased transfer with fall-back position
- The PT12 transfer to Valbonne late 1991
- The PT12 transfer to Valbonne mid 1992.

The output was studied and revised by GSM. The final document, Doc 288/91, will be sent to the ETSI director by the chairman of GSM, together with an accompanying letter, Doc 285/91, slightly revised.

Doc 277/91, containing the complete list of Working Items as worked out in a preparatory meeting, was input to the working party.

The importance of having consistent O&M specifications available soon, was stressed, in connection with the Phase 2 work programme item 13.

Merging of GSM and DCS 1800 Specifications

Doc 267/91, titled as above, was presented to GSM. GSM was requested to reconsider its decision on a full merging of specifications and to immediately suspend work on this activity.

In view of the fact that both the ETSI director (Doc 261/91), the GSM 900 operators and the manufacturers consider it to be of great importance to merge the core specifications for GSM 900 and DCS 1800, GSM found it necessary to separate the discussion on the core specifications from GSM Rec's 11.10, 11.20, 11.30 and 11.40.

GSM decided to merge the core specifications, whilst the decision concerning 11.10, 11.20, 11.30 and 11.40 was postponed, pending further study of the implications.

9.2 Action Plan (Doc 205/91)

Doc 205/91, titled "Programme Management Review; GSM action plan, Review 29 (after GSM 30)", was presented to GSM.

The document was not commented.

A new version will be released soon, incorporating the results of GSM 31.

9.3 Resources

It was pointed out to GSM that there is an essential lack of resources, i e the GSM members are requested to provide the necessary resources to successfully finalize the specifications.

E g, GSM 4 cannot continue its work without a chairman (see under item GSM 4 Status Report), and the need for rapporteurs in the SIC's is still urgent (see under item PT 12 Status Report).

As a consequence of the planned transfer of PT12 staff to Valbonne, as well as other reasons, new GSM expertise has to be applied for.

9.4 Meeting Schedule

GSM 32	1991.09.30 - 10.04	at Nice
GSM 33	1992.01.20 - 01.24	
GSM 33	1992-03-30 - 04.03	
GSM 34	1992-06-22 - 06.26	
GSM 35	1992-09-28 - 10.02	

10

ANY OTHER BUSINESS**Liaison Statements to GSM and RES**

Doc 202/91, titled "Wideband speech coding", was presented. STC TM5 asked GSM TC for comments on the interest in the future high quality speech codec.

Decision:

A small group was formed to draft a letter, Doc 287/91, on this issue, sent to Mr. Jon E Natvig.

Doc 203/91, titled "Terminal coupling loss", was presented. ETSI TM5 asks for comments on the requirements for echo canceller performance.

Decision:

No comments were made.

Document for information

Doc 264/91 with the title "Offer on test of GSM terminals" from Telecom Denmark was presented for information only.

ISUP

The issue of national ISUP standards was brought up by Mr. Baughan. If you have any views on the subject - contact your SPS delegate.

UMTS

GSM TC is awaiting TA decision whether to undertake specification of UMTS or not. In the meantime, Mr. Maloberti's UMTS report will be distributed when available.

NET 10

Some concern was expressed about "NET 10" specs. for phase 2 mobiles. There was an idea to have CRs to "NET 10" specs. whenever CRs to the core Recs. have been approved. However, due to lack of resources, the work in GSM might suffer if such a scheme is adopted.

GSM Overview

The chairman presented a GSM overview "Digital Cellular Mobile Communication Seminar, 16-18 October, 1990" (Price DM 15.-). The overview can be bought from Franzis-Verlag, Buchvertrieb, Karlstrasse 37, D-8000 Muenchen 2, telephone 089-5117-285, telefax 089-5117-379.

Nordic Tel

Mr Örnehalm, president of Nordic Tel in Sweden, introduced the company - the third GSM operator in Sweden.

11 REPORT OF THE MEETING

The report of the meeting was corrected and approved.

12 CLOSING OF THE MEETING

On behalf of the members, the TC chairman expressed his gratitude to the conference hostess of the hotel and to the secretariat for the excellent support given to the meeting.

Mr Cox, on behalf of the delegates, payed attribute to the chairman and the hosts for the arrangement of the meeting with its memorable social program. Also the weather was praised, beeing good when necessary and bad at working time.

ETSI-GSM
Meeting No 31
Kiruna 1991.06.10 - 14

AGENDA

- 1 OPENING OF THE MEETING
- 2 ADOPTION OF THE AGENDA
- 3 REGISTRATION OF DOCUMENTS
- 4 REPORT ON ETSI ACTIVITIES
 - 4.1 TCC and TA
 - 4.2 Election of GSM4 Chairman
- 5 PT 12 STATUS REPORT
- 6 STC REPORTS, RECOMMENDATIONS AND CR's
 - 6.1 Changes for Phase 1
 - 6.2 Changes to DCS 1800
 - 6.3 Changes for Phase 2
- 7 HALF-RATE CODER GROUP STATUS REPORT
- 8 REPORT FROM MoU
- 9 PROGRAMME MANAGEMENT
 - 9.1 Phase 2 Work Programme
 - 9.2 Action Plan
 - 9.3 Resources
 - 9.4 Meeting Schedule
- 10 ANY OTHER BUSINESS
- 11 REPORT OF THE MEETING
- 12 CLOSING OF THE MEETING

LIST OF PARTICIPANTS AT GSM 31 BY COUNTRY

NAME	ORGANIZATION	COUNTRY
HAUG Thomas	SWEDISH TELECOM	CHAIRMAN
OLSSON Bo G.H.	SWEDISH TELECOM RADIO	SECRETARY
DONAT Peter	SIEMENS AG	AUSTRIA
PICHLER Johann	PTT AUSTRIA	AUSTRIA
AMIR-ALIKHANI Hamid	SONY TELECOM	BELGIUM
HAUTEM Arnaud	REGIE T.T.	BELGIUM
LAMAL Erik	ATEA NV	BELGIUM
RIJKS Erik	ATEA NV	BELGIUM
VOSTERS Jean	ALCATEL B.T.M.	BELGIUM
ANDERSEN Niels P.S.	DC-DEVELOPMENT I/S	DENMARK
FOXMAN Arne	TELECOM DENMARK	DENMARK
HANSEN Flemming	STORNO A/S	DENMARK
JENSEN Claus	DANCALL RADIO A/S	DENMARK
LINDGAARD Robert	NATIONAL TELECOM AGENCY	DENMARK
BERGMANN Ansgar	DETECON	F.R. of GERMANY
BERGS Hans-Joachim	SEL ALCATEL	F.R. of GERMANY
BERNARDI Edgar	MANNESMANN MOBILFUNK	F.R. of GERMANY
BERRY Athol	ROHDE & SCHWARZ GmbH	F.R. of GERMANY
EIDAM Andreas	PANASONIC DEUTSCHLAND	F.R. of GERMANY
GRENZHAEUSER Manfred	SIEMENS AG	F.R. of GERMANY
GUELS Paul	ANT ROBERT BOSCH	F.R. of GERMANY
HERMANN Uwe Andreas	AEG MOBIL COM. GmbH	F.R. of GERMANY
LEHNICH Karl Helmut	ECTEL/TMS (SEL)	F.R. of GERMANY
PERNICE Frieder	DETECON	F.R. of GERMANY
ROSOWSKI Thomas	BAPT	F.R. of GERMANY
TOEPFER Armin	MANNESMANN MOBILFUNK	F.R. of GERMANY
HUTTENEN Kari	NOKIA MOBILE PHONES	FINLAND
JOKIMIES Matti	NOKIA MOBILE PHONES	FINLAND
LUKANDER Pertti	OY OMNITELE AB	FINLAND
ROSENBERG Jouko	TELECOM FINLAND	FINLAND
THIGER Eija	NOKIA TELECOMS	FINLAND
DAVIDIAN Jean-Jacques	S.F.R.	FRANCE
GHILLEBAERT Bernard	FRANCE TELECOM/STM	FRANCE
KAR Radivoj	MITSUBISHI ELECTRIC	FRANCE
LENOIR Bernard	IBM EUROPE	FRANCE
MALOBERTI Alain	CNET/PAB/SHM	FRANCE
MAZZIOTTO Gerald	CNET/PAA/CER/RCM	FRANCE
MICHAU Philippe	THOMSON-CSF/DSSCC	FRANCE
THOMAS Remi	CNET/PAA/CER/RCM	FRANCE
VERHULST Didier	ALCATEL RADIOTEL.	FRANCE
VERNHES Christian	CNET/PAA/CER/SSR	FRANCE
KALOUST Vaughn	PACIFIC LINK COM.	HONG KONG
WONG Henry	HUTCHINSON TEL CO	HONG KONG
ANSALDI Renato	SIEMENS TELECOM.	ITALY
CAPPIELLO Paolo	ALCATEL FACE	ITALY
COLOMBO Giovanni	TELETTRA	ITALY
DEL CARRATORE Paolo	MARCONI S.p.a.	ITALY
GRIMALDI Franco	SIP DIREZIONE GEN.	ITALY
NESSI Domenico	SIP	ITALY

LIST OF PARTICIPANTS AT GSM 31 BY COUNTRY

NAME	ORGANIZATION	COUNTRY
VALERIO Fausto	FATME	ITALY
BLIKSRUD Petter	NORWEGIAN TELECOM MOBILE	NORWAY
TROAN Geir	NORWEGIAN TELECOM MOBILE	NORWAY
ALELUIA Jorge	T. L. P.	PORTUGAL
LOMBAO Jesus	TELEFONICA	SPAIN
MORENO Juan Antonio	TELEFONICA	SPAIN
BJORND AHL Per	ERICSSON TELECOM AB	SWEDEN
FREMIN Gunnar	TELEVERKET RADIO	SWEDEN
KALLSTROM Olle	COMVIK GSM AB	SWEDEN
LARSSON Lena	SWEDISH TELECOM ADM	SWEDEN
LUNDBERG Christer	ERICSSON RADIO SYST.	SWEDEN
ORNEHOLM Flemming	NORDIC TEL, KARLSKRONA	SWEDEN
SANDEGREN Gunnar	COMVIK GSM AB	SWEDEN
SJODIN Per Evert	ERICSSON TELECOM	SWEDEN
WAREBY Jan	ERICSSON RADIO SYSTEMS	SWEDEN
ZETTERSTROM Yngve	TELEVERKET RADIO	SWEDEN
ERB Rudolf	SWISS PTT	SWITZERLAND
KLINGLER Rolf	SWISS PTT	SWITZERLAND
MARTI Markus	ASCOM HASLER AG	SWITZERLAND
STADELMANN Toni	SWISS PTT	SWITZERLAND
BENNINK Rob	PTT TELECOM	THE NETHERLANDS
DORGELO A.J.G.	AT&T-NSI	THE NETHERLANDS
HAGEDOORN Rijnder	MoU PERMANENT SECRETARIAT	THE NETHERLANDS
RAATGEVER J.F. (Freek)	AT&T-NSI	THE NETHERLANDS
DANIEL Michael	BELLSOUTH	U.S.A
MIKULSKI James	MOTOROLA	U.S.A.
ADAMS P.M.	BRITISH TELECOM	UNITED KINGDOM
BARNES David	D.T.I.	UNITED KINGDOM
BAUGHAN Kevin	BELL NORTHERN RESEARCH	UNITED KINGDOM
CHANDLER Colin	PANASONIC EUROPE	UNITED KINGDOM
COX Alan	RACAL VODAFONE	UNITED KINGDOM
CRISP Graham	GPT Ltd.	UNITED KINGDOM
HADDEN Alan	UNITEL Ltd.	UNITED KINGDOM
HAMLING Colin	CELLNET	UNITED KINGDOM
HAYSOM Tim	MICROTEL	UNITED KINGDOM
HONKASALO Harri	NOKIA MOBILE PHONES	UNITED KINGDOM
HUDSON Alan	MOTOROLA Ltd.	UNITED KINGDOM
MALLINDER Bernard J.T.	BRITISH TELECOM	UNITED KINGDOM
MCLAUGHLIN Mike	MOTOROLA LTD	UNITED KINGDOM
MEADES Rob	FUJITSU EUROPE TELECOM	UNITED KINGDOM
MEDEIROS Francisco	NEC (UK) Ltd.	UNITED KINGDOM
MIKULSKI Jim	MOTOROLA INC	UNITED KINGDOM
MUNDAY Peter	RACAL RESEARCH Ltd.	UNITED KINGDOM
PRATT J.M. (Jim)	AT&T-NSI U.K. Ltd.	UNITED KINGDOM
RISIDORE Neil	ORBITEL MOBILE COM.	UNITED KINGDOM
WATSON Andrew	MOTOROLA Ltd.	UNITED KINGDOM

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NAME	ORGANIZATION	COUNTRY
WEST Barry	MERCURY PERSONAL COM.	UNITED KINGDOM
WINCH Nicholas	GPT LTD	UNITED KINGDOM
ANIUS Patson	MICROTEL	ETSI
AREND Peter C.J. v.d.	ETSI/PT12 (GSM/PN)	ETSI
BATES Colin	ETSI	ETSI
COURAU Francois	ETSI/PT12 (GSM/PN)	ETSI
FORSYTH Thomas	MERCURY PERSONAL COM.	ETSI
FREEMAN Dave	ETSI/PT12 (GSM/PN)	ETSI
HAARPAINNER Bernd F.	ETSI/PT12 (GSM/PN)	ETSI
HAASE Eike	ETSI/PT12 (GSM/PN)	ETSI
NILSEN Bjorn	ETSI/PT12 (GSM/PN)	ETSI
TWINGLER Jonas	ETSI/PT12 (GSM/PN)	ETSI
WIENER A.	UNITEL Ltd.	ETSI
BRAUN HANS-JÜRGEN	DBI-TELECOM RESEARCH	GERMANY
GÜNTHER HELMUT	PHILIPS COMMUNICATION	GERMANY
LINDMARK STIG	ERICSSON RADIO SYSTEMS	SWEDEN

**Final Document List
of ETSI / TC GSM Meeting No.31
Kiruna, 10-14 May 1991**

<u>Doc GSM</u>	<u>Title</u>	<u>Source</u>
175/91	*r1 List of Change Requests presented to GSM 30	PT12
202/91	* Liaison statement to GSM, RES3 and AVM on Wideband speech coding.	TM5
203/91	* Liaison statement to RES, RES3, SEG, BT2, TE4 and TSM on Terminal coupling Loss.	TM5
204/91	* Release List 1/1991 after GSM30	PT12
205/91	* Programme management review Action Plan, Review 29 (after GSM30)	PT12
206/91	* Joint CR's - Withdrawal of GSM 11.01	PT12
207/91	* CR N' 11.10-107 R2	PT12
208/91	Status Report of GSM 1	PT12
209/91	CR 02.07-21r1 (Ph2) DTMF clarification	GSM1
210/91	CR 02.30-30r5 (Ph2) Grouping of Services (WITHDRAWN)	PT12
211/91	CR 02.81-7 and 8r2 (Ph2) - Line Identification	GSM1
212/91	New Version of 02.84 (Ph2) - Multiparty Service	GSM1
213/91	CR's 11.11-69, 70 & 73r2 (Ph1)	GSM1
214/91	Status Report of GSM4	PT12
215/91	Letter to GSM on Type Approval of Data Services	GSM4/ES
216/91	Proposed Liaison statement on Character sets used in GSM SMS.	GSM4
217/91	Joint CRs 04.21-3, 07.03-3 and 09.07-22 (Ph1) on Network Independent Clocking	GSM4

<u>Doc GSM</u>	<u>Title</u>	<u>Source</u>
218/91	Joint CRs 02.02-3r1, 02.30-44, 02.30-45, 07.01-19r1, 09.07-23 & 11.10-156 (Ph1) "3.1 kHz Ex PLMN"	GSM4
219/91	CR 07.01-18 (Ph1) - In Call Modification	GSM4
220/91	Data Delay meeting report	PT12
221/91	CRs 03.82-011r2, 03.82-013r3, 03.82-015r2, 03.82-20r1 (Ph2) Call Offering SS	GSM3
222/91	CRs 04.82-016r2, 04.82-023 (Ph2) Call Offering SS	GSM3
223/91	CRs 03.83-001r1, 03.83-002r2 (Ph2) Call Completion SS	GSM3
224/91	CR 03.88-021 (Ph2) Call Restriction SS	GSM3
225/91	CR 04.88-015r1 (Ph2) Call Restriction SS	GSM3
226/91	CRs 03.11-003r1, 03.11-005r1, 03.11-006, 03.11-010 (Ph2) Tech Realisation of SS, General	GSM3
227/91	CRs 04.10-013r2, 04.10-014r1, 04.10-019r1 (Ph2) Additional SS, General	GSM3
228/91	CRs 04.80-010r3, 04.80-012r3, 04.80-018r1, 04.80-019r2, 04.80-020 (Ph2) Additional SS, Formats & Coding	GSM3
229/91	CRs 03.08-025r1, 03.08-027r2, 03.08-028r2, 03.82-030r1, 03.08-031r1, 03.08-032r1, 03.08-034r1, 03.08-035r3, 03.08-040r1, 03.08-041 (Ph2) Organization of Subscriber Data	GSM3
230/91	CRs 03.82-014r3, 03.88-017r1 (Ph2) on Interrogation	GSM3
231/91	CRs 03.82-010r3, 03.11-007r3, 03.08-036r2 (Ph2) on Information stored in VLR	GSM3

Doc GSM	Title	Source
232/91	CRs 03.82-019r2, 03.88-019r2, 03.88-020r1, 03.11-008, 03.08-029r4 (Ph2) on Activation status of SS in HLR & VLR	GSM3
233/91	CRs 03.88-023, 03.08-042 (Ph2) on Grouping of Basic Services	GSM3
234/91	CRs 03.88-022, 04.10-018, 03.11-009r3 (Ph2) Password Handling	GSM3
235/91	Cover Note to Rec GSM 03.81 version 1.3.0	GSM3
236/91	Cover Note to Rec GSM 04.81 version 1.0.0	GSM3
237/91	Liaison Statement to GSM on Transparent Handling of SS	GSM3
238/91	Joint CRs 04.06-39, 04.06-42r1 on Removing Ambiguities.	GSM3
239/91	CR 04.06-43	GSM3
240/91	Liason to TM5-TCH/HS on Data Rate for 4 fold submultiplexing	GSM3
241/91	Letter to TE9 chairman on discrepancies SIM-TE9 specs.	SIMEG
242/91	Status Report of GSM2	PT12
243/91	CR 05.02-27r1 (Ph1) on labelling of half rate channel multiple access scheme as preliminary	GSM2
244/91	Joint CRs 05.04-2 & 11.10-157 & 11.40-22r2 of definition of modulation bit stream timing reference	PT12
245/91	Joint CRs 11.10-158, 11.40-23 and 05.05-40 on Reduction of Test Time	PT12
246/91	Liaison statement from GSM2 on Frequency extension bands.	GSM2
247/91	Liaison statement from GSM2 on 64kb/s data transmission on GSM.	GSM2

Doc GSM	Title	Source
248/91	Liaison statement from GSM2 on Halfrate speech coding issues.	GSM2
249/91	Cover Note to 03.22 version 1.1.0	GSM2
250/91	CRs to GSM 11.10 version 3.4.0 on Signalling and other tests.	PT12-ES
251/91	CRs to GSM 11.10 version 3.4.0 on the Electrical Man Machine Interface EMMI	PT12-ES
252/91	CR 03.12-007	GSM3
253/91	CR 09.02-126, 09.02-131, 09.02-132	GSM3
254/91	PT12 Status Report	PT12
255/91	GSM3 Status Report	PT12
256/91	Temporary Internal RF Connector for Type Approval	Assoc.of Eur.PCN Ops
257/91	Cover note for GSM 11.10-DCS version 1.3.0	PT12
258/91	List of Change Requests presented to GSM 31	PT12
258/91 1	List of Change Requests presented to GSM 31 and results	PT12
259/91	Cover note for GSM 11.40-DCS version 1.0.0	PT12/ES
260/91	Work items for Phase 2 and subsequent Phases	ETSI/PT12
261/91	I-ETS approval of DCS 1800 - related	ETSI Director
262/92	Liaison statement to GSM on TMN work	NA4
263/91	New Responsibilities for GSM for next generation universal mobile telecomms systems (UMTS)	Chairman TA
264/91	Documents on testing of GSM terminals	Telecom Denmark
265/91	Status Report on the Half Rate Coder group activities	TM5/TCH-HS

Doc GSM	Title	Source
266/91	Half Rate CODEC	Motorola
267/91	Merging of GSM and DCS 1800 Specifications	Assoc.of Eur.PCN Ops
268/91	GSM Half Rate Speech coder specifications	Assoc.of Eur.PCN Ops
269/91	CR 11.10-135 rev 2 on modification of EMMI specifications to assist with testing	PT 12
270/91	Transparent handling of supplementary services	Cellnet UK
271/91	Summary of outstanding questions for MAP version 2	PT 12
272/91	Status of MAP version 2 elaboration	SPS 2 WPC Chairman
273/91	CR 11.10-160 rev 1 on test state transition on user call reject	PT 12
274/91	Completion of the phase 1 GSM type approval test system	MoU/RIC
275/91	"GSM specifications" under the responsibility of MoU-SERG	PT 12
276/91	Report from the MoU group	MoU PS
277/91	Work items for phase 2 and subsequent phases	PT 12
278/91	Joint CRs 11.10-157r1 & 11.40-22r2 (Ph1) on time reference of the power time mask	PT 12
279/91	CR 11.10-132r1 (Ph1) on Paging MS without waiting for MS to do Cell Reselection	PT 12
280/91	CR 11.10-150r1 (Ph1) on wrong state in three tables	PT 12
281/91	CR 11.10-138r1 (Ph1) on EMMI messages for investigation on reception of Short Message	PT 12

Doc GSM	Title	Source
282/91	COCOM and Export Version of GSM	UK DTI
283/91	Handling of outstanding questions for MAP version 2	PT 12
284/91	Phase 2 Work Program and PT12 Transfer Logistics	Ph2 Ad hoc group
285/91	Letter to ETSI Director	GSM Chairman
286/91	GSM Half Rate Coder Developments	GSM Chairman
287/91	Letter from GSM Chairman to Mr Natvig	GSM Chairman
288/91	Phase 2 Work Program and PT12 Transfer Logistics (rev.of 284/91)	Ph2 Ad hoc group
289/91	Responsibilities for GSM Rec's - Rapporteurs List (Issue 06)	PT12
290/91	Meeting report (Preliminary)	GSM Secretary
290/91 1	Meeting report (Approved)	GSM Secretary
*	Distributed before the meeting	