

Status: Approved

Place: London
Date: 15-16 March 1988
Participants: see annex 1
Agenda: see annex 2
Documents: see annex 3

1. OPENING OF THE MEETING

Mr Temple welcomed the delegates of the GSM to London.

2. APPROVAL OF THE AGENDA

The approved agenda appears as annex 2 to this report.

3. LISTING OF DOCUMENTS

The documents to be considered during the meeting (in addition to the recommendations) were GSM Docs 60/88 to 77/88. A list appears at annex 3.

4. APPROVAL OF RECOMMENDATIONS

Rec 02.02 v2.2.0

Mme Alvernhe reported that WP1 did not reach full agreement over the provision classification for the non-transparent services.

France stated they would accept asynchronous non-transparent services as E category, but wished the synchronous packet mode non-transparent services classed as A. Italy did not wish to assign the E category to any non-transparent services. It was agreed to change the classification for non-transparent services 51 and 52 to FS.

WP1 had decided to recommend that the transparent services of 2.4kbit/s and below on full rate channels be classified as A services, but some administrations did not agree. It was reported from WP3 that 04.08 would include the required procedures for in-call modification to allow the use of half rate channels, but the position was not clear and no final decision could be taken. GSM agreed to keep the question of the preferred option for support of data services on full or half rate channels for further study.

With these changes, GSM approved the recommendation.

Rec 02.06 v1.0.0

This recommendation was only at draft 1 stage and WP1 was not offering it to GSM for approval. However since this was required for the tendering exercise, and if not approved at this meeting would have to be deleted from the tendering activity, GSM decided to discuss for approval.

The main section requiring further study was on power classes. GSM agreed to adopt four power classes for mobile stations with the minimum power class at 2W peak power (power as defined in rec. 05.05). It was further agreed that vehicle mounted stations shall be of Class 1, portable stations shall be either Class 1 or 2, and that hand-held stations shall be either Class 3 or 4.

Regarding the provision of data services on half and full rate channels, GSM agreed that there was no intention to restrict the variety of mobile stations which could be offered by manufacturers, and some sections were deleted appropriately.

With these modifications, GSM approved the recommendation.

Rec 03.20 annex 1 v2.0.0

Mr Van der Arend presented the annex. Some messages required in the annex were still to be defined by SPS-SIG, but no problems were envisaged and a letter was sent to SPS-SIG (GSM Doc. 76/88). It was noted that the annex would need to be kept in line with 04.08 as the latter evolved.

It was agreed to include an introductory note stating that in any cases where there was a conflict between the text of 03.20 or 04.08 and the diagrams in the annex, then the text will prevail.

Approved with the additional note (GSM Doc. 77/88).

Rec 03.41

Mr Hillebrand said this recommendation had been proposed for deletion by WP4 at its last meeting. GSM agreed to delete this recommendation.

Rec 02.13 v2.4.0

Italy asked for two extra national only classes of subscription, to be for optional implementation by operators. This was not agreed, but it was agreed to make the technical changes to allow for additional classes of subscription to be carried in the HLR. The recommendation was approved with the addition of the following note in page 3:

"Note 2

It is anticipated that national regulations may give rise to the need to accommodate some other optional classes of subscription entitlements. The total limit of subscription entitlements is set at 8. The introduction of these optional classes shall not impose restrictions on roaming visitors with international entitlement."

A discussion about restricting subscribers who attempt to apply for service from PLMNs other than in their home country reached no conclusion. It was noted that GSM is only a technical body, and that other bodies may place requirements other than those decided by GSM.

Rec 02.16 v2.0.0

This recommendation was approved with the following modifications:

It is mandatory for operators to supply black list information (if available) to other operators.

The use of all three lists is at the operator's discretion.

Regarding the supply of information on IMEI to emergency services, it was agreed to change such that the operator may provide such information to the emergency services, rather than the latter requesting such information from the operator.

Rec 07.01 WP4 draft for v3.1.0

This had already been approved by GSM 17 and modifications were proposed by WP4. The main change was the elaboration of the Layer 2 Relay function and the addition of an annex.

With some minor editorial changes the recommendation was approved.

Rec 07.02 WP4 draft for v3.1.0

The main changes proposed by WP4 were to expand the annex to include the Layer 2 Relay function.

A number of points identified for further study were queried. However none was considered sufficient to hold up approval, and the recommendation was approved.

New versions of approved recommendations:-

The approval of new versions of 07.01 and 07.02 raised the question of whether new issues of already approved recommendations should be sent to manufacturers whilst the tendering activity was still in progress. Manufacturers would have difficulty tendering if new versions of recommendations were continually being supplied; however they did need to know of major changes to recommendations.

It was agreed that, for tenderers to be sure of which recommendations to tender against, a deadline would be set after which revisions would not be sent to tenderers, unless judged absolutely essential. Revisions would be judged on a case by case basis. In the meantime, the work of GSM should continue unimpeded by the restrictions of the tendering activity, and as necessary working parties could propose revisions of recommendations for approval by GSM. Such revisions would be distributed via the working parties as normal.

SPS-SIG recommendations (09.02, 09.03, 03.04)

The chairman stated that GSM had requested SPS-SIG to produce these recommendations, which they had done. They were sent to GSM for comment. Administrations could comment direct to SPS-SIG, but this was the last time GSM could comment as a body.

GSM did not have any specific comments to make on the recommendations and therefore considered them satisfactory.

The ongoing maintenance of the SPS recommendations was discussed, and it was noted this would remain the responsibility of SPS, although they should not make changes without reference to GSM.

5. EXAMINATION OF "A" RECOMMENDATIONS

Rec 01.04 v1.1.0

Although still at first draft, this had been released to industry with a release note.

The vocabulary was still to be completed, and gaps were identified in the WP1, WP4, SEG and SCEG areas. Some instability in the terminology of base stations had already been recognised.

It was agreed that the principle core definitions of the radio subsystem would be discussed formally at GSM 18.

Rec 02.08 v1.1.0

This recommendation had been examined in SG II at GSM 17.

It was noted that the recommendation should state what the customer requires, and not what the network can offer. It should be clearly stated that the recommendation only addresses the quality of service over the PLMN part of any connection. It was recognised there is the possibility of conflict with the performance requirements in rec. 03.05. The information in the recommendation was required, but the chairman proposed that the editor of 02.08 contact appropriate WP3 experts to discuss where best the information should be put.

Since this recommendation only addresses the quality of service for the GSM PLMN part of any connection, it was agreed that the editor should change the title of the recommendation to reflect this.

Rec 02.17

(This recommendation was not examined.)

Rec 03.06

Mr Mecrow said that WP3 considered that the current version of this recommendation was totally unsuitable and needed rewriting. No version was made available to GSM.

This recommendation had been identified as required for tendering and it was reported that the latest version (0.3.0) had already been sent out to tenderers by the PN.

Rec 03.07

Mr Mecrow said this recommendation had been worked on by WP3 but major points were still outstanding and this would not be presented to GSM for approval until GSM 18.

This recommendation had been identified as required for tendering and it was reported that the latest version (2.0.0) had already been sent out to tenderers by the PN. WP3 had said that this version contained major technical faults.

Rec 03.13 v3.0.0

Although this recommendation had not been seen by GSM previously, Mr Mecrow said WP3 considered it to be in a suitable form for GSM to approve.

The ability to page mobiles by TMSI was apparently not covered and would need further study. There was also some question about interaction of sleep mode with the short message service.

GSM did not approve the recommendation and referred it back to WP3 for further study. It was noted that the version number assigned was v3.0.0, although the recommendation had not been approved. GSM changed the version to v1.0.0.

Rec 03.14 v2.0.0

Mr Mecrow said WP3 considered this recommendation to be suitable for approval by GSM.

It was agreed to delete the reference to the non-transparency of the speech codec as being a reason for adopting message-based DTMF. The requirement for mobile terminated DTMF was queried, and it was agreed to keep as further study.

The duration of the DTMF tone generated in the network was queried. It had been stated at GSM 16 that long duration DTMF tones could not be generated, but several administrations saw this as a requirement.

GSM decided to partly approve the recommendation and referred the question of tone duration to WP3 for further study.

Rec 03.50 v1.0.0

Although not formally for discussion at this meeting, the opportunity had been taken to discuss this transmission recommendation owing to the availability of the TM3 expert group chairman, Mr Wright.

The planned joint activity with SCEG and the 11-series group was discussed and the chairman would circulate GSM delegations with the details as others may wish to attend.

It was noted that some alignment of 03.50 was needed with current GSM working assumptions on the BS-MSC interface. WP3 had discussed 03.50 and comments on routing restrictions were contained in GSM Doc 66/88. TM3 would provide more information on the implications of certain routings.

Rec 11.30 v1.0.0

This was being presented for examination; in addition the PN sought guidance as to whether it should be sent to tenderers. It had not been on the GSM "A" list, but the MoU procurement group had asked for it to be made available.

Some reservations were expressed about it being sent out at this stage, but on balance GSM decided that it did contain material which could be of use and guidance to manufacturers, and that it should be sent to tenderers provided a cover sheet was attached stating clearly the status of the recommendation.

During a discussion of section 10 of the recommendation, the question of whether the user data confidentiality service was mandatory or not was raised, since the report of GSM 17 was claimed not to be clear in this respect. The chairman said he thought the report was clear, and confirmed that GSM had decided that user data confidentiality was mandatory for implementation and use.

Rec 12.14

(This recommendation was not examined.)

6. CONCERTED PROGRAMME OF TESTS

Mr Haase presented GSM Doc. 69/88.

Mr Haase stated that, for the PN to run the proposed test programme they would need access to the real experts of the working bodies, but that if a validation system were offered to the PN publicly, no other extra resource would be necessary.

It was discussed how the test programme would interact with the manufacturers who were soon to be producing development systems, and who may be unwilling to let the PN examine how results were achieved. However it was generally agreed that there was a need for each party to conduct tests according to a detailed test programme and according to defined conditions of test, and that a way should be found to exchange and compare results realistically.

Administrations were asked to give more detail of the tests they are planning in written contributions to GSM 18.

Mr Haase said most testing work to date was planned around the radio interface up to layer 3, and that there was a need for commitment to a simulation of the whole PLMN.

7. RESOURCING

Mr Mallinder presented GSM Doc. 75/88 (the current GSM action plan) and GSM Doc. 65/88 (the work plan for GSM 18).

Mme Alvernhe said WP1 would not have completed 02.08, 02.18 or 00 by GSM 18.

As for areas of concern with the approval programme, Mr Mallinder said there would be some recommendations which would not be completed during the tendering, notably 04.08 and 05.05, both of which impacted on other recommendations. Both would be worked on intensively before GSM 18.

The work plan for GSM 18 called for the approval of 25 recommendations, and it was noted that to date GSM had managed an average of 22 per meeting. GSM discussed how it could speed up the work of its approvals, and Mr Temple formally proposed that there be two approval groups at GSM 18. He said the only alternatives were to work late, or to extend the meeting by several days. The chairman said that running two approval groups would not be possible, but that the speed of working of GSM could be improved if GSM did not do the job of working parties, and said that administrations should act via the working parties, and not direct to GSM as has often happened.

It was agreed that there would be one approval and one examination group at GSM 18. The chairman asked that the examination group be better supported than at GSM 17.

8. EXAMINATION OF "B" RECOMMENDATIONS

This item was not covered due to lack of time.

9. ANY OTHER BUSINESS

Liaison to SPS-SIG from WP3 - GSM Doc. 60/88

Mr Mecrow presented this request to SPS-SIG to study an alternative HLR/VLR interaction which could overcome restoration problems. The document was agreed with some minor editing proposed to indicate that GSM did not wish to increase greatly the call setup delay.

Amendment to Rec. 09.07 - GSM Doc. 71/88

Since this recommendation was not for approval at the meeting the document was not considered. It should be referred to WP3 and WP4 for work before GSM 18.

Chairman of WP4

Mr Hillebrand said he had taken this task just to get WP4 started and had now been chairman for seven meetings. He could no longer carry out this duty and at the request of the GSM Chairman had spoken with several delegations at GSM 17. As a result he was proposing Mr Graham Crisp of UK as chairman. GSM agreed that Mr Crisp become chairman of WP4.

Rec. 02.03 v3.0.1

Mme Alvernhe said this recommendation had been amended at WP1 and asked for agreement to the changes. This was agreed.

10. CLOSING OF THE MEETING

In closing the meeting, the chairman said he thought it was a very good and productive meeting, and that most of the work planned had been achieved.

He thanked the host administration for their hospitality and the facilities provided.

LIST OF PARTICIPANTS:

Chairman:	T Haug
Secretary:	M Appleby
Austria:	E Tallowitz
Belgium:	L Taghon
Denmark:	A Foxman
Finland:	M Pasanen
France:	P Dupuis B Ghillebaert M Alvernhe (Mme)
FR Germany:	A Silberhorn F Hillebrand F Pernice B Edleditsch H Lehnich
Italy:	R Failli M Sentinelli
Netherlands:	D Hoefsloot P Van der Arend
Norway:	P Blikrud
Portugal:	O Reis Luis
Spain:	C Lluch
Sweden:	G Fremin
Switzerland:	R Klingler
United Kingdom:	S Temple E Beddoes A Cox S Mecrow D Barnes G Crisp T Wright (TM3)
Permanent Nucleus:	B Mallinder H Thiger H Ochsner E Haase

AGENDA

1. OPENING OF THE MEETING

2. APPROVAL OF THE AGENDA

3. LISTING OF DOCUMENTS

4. APPROVAL OF RECOMMENDATIONS:

02.02, 02.06, 03.20 annex 1, 03.41, 02.13, 02.16, 07.01, 07.02,
and comments on SPS-SIG recommendations 09.02, 09.03, 03.04.

5. EXAMINATION OF "A" RECOMMENDATIONS

01.04, 02.08, 02.17, 03.06, 03.07, 03.13, 03.14, 03.50, 11.30,
12.14

6. CONCERTED PROGRAMME OF TESTS

7. RESOURCING

8. EXAMINATION OF "B" RECOMMENDATIONS:

02.18, 08.54, 08.56, 08.58

9. ANY OTHER BUSINESS

10. CLOSING OF THE MEETING

EXTRACT FROM GSM DOCUMENT LIST

<u>Doc no.</u>	<u>Title</u>	<u>Source</u>
60/88	Liaison statement to GSM from WP3	WP3
61/88	Release note to GSM recommendation 01.04 v1.1.0	PN
62/88	Release note to GSM recommendation 12.14 v1.0.0	PN
63/88	GSM meetings programme	PN
64/88	Status of GSM recommendations (at 11.03.88)	PN
65/88	Preliminary work plan for GSM18, Vienna	PN
66/88	Report from GSM WP3 subgroup on 03 & 09 series	WP3
67/88	Covering note to rec. 03.20 Annex 1	Netherlands
68/88	Action plan for WP4	WP4
69/88	GSM Test Programme	PN
70/88	Covering note to rec. 11.30 v1.0.0	PN
71/88	Amendment to rec. 09.07	Italy
72/88	Annex 2 to TM3 report	TM3
73/88	Note to section 3 of rec. 02.13	GSM
74/88	Proposed amendment to rec. 02.02	Italy
75/88	Report 00-03 Review 10: GSM Action Plan	PN
76/88	Letter from GSM to SPS-SIG re 03.20 annex 1	GSM
77/88	Amendment to annex 1 of rec. 03.20	Netherlands
78/88	Report of GSM Extraordinary Meeting, 15-16 March	GSM