

**3GPP Organizational Partners
Meeting#2
Sophia Antipolis,
18 January 2000**

3GPP_OP#2(00)25
6 February 2000
page 1 of 17

Source: PCG Secretary

**Title: Draft summary minutes, decisions and actions from 3GPP
Organizational Partners Meeting#2, Sophia Antipolis, 18 January
2000**

Agenda item: all

Document for:

| | |
|-------------|---|
| Decision | X |
| Discussion | |
| Information | |

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1 Opening of Meeting and Chairman's Remarks

Mr Rosenbrock (ETSI) opened the meeting and welcomed the participants to Sophia Antipolis. The list of participants is given at **Annex E**.

2 Approval of Agenda

The draft Agenda for the meeting was discussed and approved with some minor amendments. The approved Agenda is given at **Annex A [3GPP/OP#2(00)1r1]**.

3 Approval of Report of OP#1

The draft report of OP#1, which had been revised to take account of comments received, was presented and approved [**3GPP/OP#1(99)25r1**].

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| Decision OP2/1: Report of OP#1, held in Seoul, 27-28 May 1999, approved [3GPP/OP#1(99)25r1]. |
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3.1 Actions arising

A status list had been prepared for the actions arising from OP#1. This status list was discussed and it was agreed that all actions had been discharged or overtaken by events.

It was noted that OP#1 decision 1 required some further explanation. The decision is worded as below:

"TSGs should not prepare draft responses to liaison statements received from the ITU. Responses should be formulated by Individual Members who are also members of the ITU."

It was clarified that the TSGs may take part in preparing responses to ITU liaison statements but that the responses should be submitted to the ITU in the name of Individual Members who are also ITU members.

4 Review of 3GPP Progress

4.1 1999 Results

The Secretary presented a summary of the 1999 results, which included a status list showing each of the 308 specifications and reports which had been prepared and a list of outstanding issues which were subject to further discussion during 2000 [**3GPP/OP#2(00)10**]. [Note: a revised list of outstanding issues was presented for information at a later stage of the meeting]. The Partners concluded that the Partnership Project had exceeded expectations during 1999 and praised the Technical Specification Groups for their achievements.

4.2 2000 Forecast

Dr Eylert presented a list of MRP High Level Objectives which had been prepared during a recent MRP co-ordination meeting [**3GPP/OP#2(00)19**]. The MRPs collectively explained that there was no intention to form themselves into an organization as such but that regular meetings had proven useful in order to co-ordinate their views. The High Level Objectives, whilst being agreed amongst the existing MRPs, were voluntary in nature. The meeting noted the High Level Objectives.

Dr Wildey presented the results of MRP discussions on the Certification and Global Circulation of Terminals [**3GPP/OP#2(00)18**]. In the discussion which followed it was noted that the IMT2000 family currently comprised of five air interfaces and that the emission limits for each interface had not yet been harmonized. The newly created Task Group 8F within ITU-R would consider the harmonization of unwanted emission limits during the coming months. Dr Wildey explained that the intention of the

MRPs was to assist in achieving the mutual recognition of approvals such that terminals employing the five air interfaces may be circulated globally.

Mr Nikkari presented the MRP views on 3GPP programme planning, concluding that 3GPP must continue to meet market needs, that the ETSI work on EDGE/GPRS should be moved into the project, and that the relations with the global IP community should be strengthened to ensure the success of an all IP network for 3GPP [3GPP/OP#2(00)21].

Following a brief discussion the Chairman confirmed that the target date for the first issuing of Release 2000 was set as the end of December 2000.

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| Decision OP2/2: Target date for the first issuing of Release 2000 set as the end of December 2000. |
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5 Publication of 3GPP Results by Organizational Partners

The Secretary explained that the Mobile Competence Centre had received many requests for permission to use extracts from 3GPP specifications, mainly for academic and conference presentation purposes. Since the copyright of 3GPP specifications was jointly owned by the Organizational Partners it was necessary to seek their permission for each request, and a more streamlined procedure was proposed [3GPP/OP#2(00)07]. It was agreed to authorise the Head of MCC to act on behalf of the Organizational Partners in granting permission to use extracts. A list of those cases where permission has been granted should be maintained on the 3GPP web site. It was also agreed that each OP should nominate a contact person who could be consulted in cases where the guidance of the OP is required.

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| Decision OP2/3: Head of MCC authorised to act on behalf of the OPs in granting copyright permission to use extracts from 3GPP specifications. (A list of those cases where permission has been granted will be maintained on the 3GPP web site). |
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| Action OP2/1: OPs to nominate a contact person to be consulted for copyright requests where OP guidance is required. |
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5.1 Publication of Release 99

The ARIB publication process for 3G deliverables was briefly explained [3GPP/OP#2(00)22]. Publication by ARIB would take place following approval by the Standard Assembly which meets on a monthly basis. The December '99 3GPP specifications would be considered by the Standard Assembly on 2 March '00.

The TTC process for the Publication of 3G results was also explained, together with the role of TTC Technical Committee 6, the TTC Co-ordination Committee and the TTC Technical Assembly [3GPP/OP#2(00)24].

5.2 Publication of 3G Ciphering Algorithm

The Secretary presented correspondence which had been received from the SA3 Chairman concerning the publication of the 3G Ciphering and Integrity Algorithms [3GPP/OP#2(00)17]. The Algorithms had now been completed and it was the strong recommendation from SA3 and SAGE that they should be openly published. The correspondence addressed the concerns previously voiced in terms of the Wassenaar Agreement and export restrictions, and proposed that precedence had already been set for the open publication of similar strength algorithms.

Mr Lathia commented on the legal and commercial issues that still needed to be addressed proposing that more information was required from the respective Governments on whether open publication was permitted. However, due to the urgent need for the Algorithms to be made available to Industry, an interim measure should be put in place.

Dr Bailey expressed the T1 view which tended towards open publication, but it was still not clear whether there were Government restrictions which would prevent that. Dr Eylert expressed a similar view on behalf of the MRPs, that an open publication would demonstrate a clear improvement over the existing GSM arrangements.

After some further discussion the Chairman concluded that a decision could not be made at this stage to openly publish the Algorithms.

Dr Bailey led an activity during the margins of the meeting and at a later stage presented the following proposed course of action which was approved:

- 1 *Each SDO is requested to make appropriate contacts with all governments relevant to the areas in which they would distribute the algorithm. The SDOs should make every effort to report on government positions no later than July 17, 2000.*
- 2 *Based on the results of the contacts with governments, each SDO should be prepared to discuss the question of whether the algorithm should be published no later than July 17, 2000.*

Action OP2/2: SDOs to make appropriate contacts with all governments relevant to the areas in which they would distribute the 3G algorithms and to prepare for a discussion on open publication before July 17.

Recognising the urgent need to distribute the Algorithms, Dr Bailey also led an activity to prepare criteria against which applications would be assessed. These criteria were further refined during the meeting and the following were agreed as the basis for further work:

Criteria for organizations to be recipients of the 3GPP Encryption Algorithm

- a) *The organization is a manufacturer who produces or is competent to produce equipment conforming to 3GPP Technical Specifications, or standards based on them, for use by telecommunications operators authorized according to National regulations, and licensed to employ networks based on 3GPP technical specifications* where the encryption algorithm is incorporated in the equipment.*
- b) *The organization is a manufacturer who produces or is competent to produce components for equipment conforming to 3GPP Technical Specifications, or standards based on them, for use by telecommunications operators authorized according to National regulations, and licensed to employ networks based on 3GPP technical specifications where at least one of the components incorporates the encryption algorithm.*
- c) *The organization is a manufacturer who produces or is competent to produce system simulators for approval testing of systems based on 3GPP Technical Specifications, or standards based on them, where the system simulators include the encryption algorithm.*
- d) *The organization is a telecommunications operator authorized according to National regulations, and licensed to employ a network based on 3GPP technical specifications, or standards based on them.*
- e) *The organization does not comply with the above criteria but the Organizational Partners agree that it would be in the best interests of 3GPP members to provide the organization with the encryption algorithm.*

It was agreed that the ETSI legal advisor should prepare a draft licensing document which includes the above criteria and a non disclosure agreement. The draft of this document should be available by 28 February with the intention that a final version can be agreed by 14 February. The distribution of the Algorithm would take place by ARIB, ETSI, T1 and TTA on the basis of the agreed licensing document.

Action OP2/3: ETSI legal Advisor to prepare a draft 3G Algorithm licensing document and non-disclosure agreement for approval by correspondence before 14 February.

5.3 Referencing of Results by ITU

The Secretary reported that the agreed deadline for providing the updated material for inclusion in the ITU-R recommendation "RSPC" was 1 April, and that ETSI would be providing references based on the December 99 release of 3GPP specifications. The remaining Organizational Partners voluntarily agreed that they too would base their references on the December '99 release of 3GPP deliverables which would result in a consistent package of information being provided to ITU-R.

After some general discussion the Organizational Partners agreed that the meeting with ITU-R, held in Geneva, September '99, was valuable and productive and that this dialogue should be continued. However, future discussions should be held with both ITU-R and ITU-T since the same matters needed to be dealt with in both Sectors. The Secretary was requested to write to the ITU proposing that a follow up meeting should be held between the SDOs and the ITU, and that this could be scheduled during the next meeting of TSAG. If a meeting with ITU-R is required in a shorter timeframe, then this could be held during the next meeting of TG8/F.

Action OP2/4: Secretary to write to the ITU proposing that the discussion held between SDOs and ITU-R in September '99 should be continued in '00, but should also include ITU-T representatives.

6 Proposal from T1 to modify scope of 3GPP to include EDGE and GPRS

6.1 Introduction of Proposal from T1

Dr Chatterjee presented a T1 proposal that the GSM radio work currently being performed in ETSI TC SMG should be transferred into 3GPP [**3GPP/OP#2(00)06**]. The proposal had initially been circulated via the email exploder in September '99 which had allowed sufficient time for delegations to consider their respective positions.

6.2 Response from Organizational Partners

Mr Sasaki presented the ARIB response to the proposal [**3GPP/OP#2(00)13**]. ARIB members were concerned that the GSM activity was not of common interest to the existing Partners, that they could not provide resources or financial contributions for this activity, and that a transfer as proposed could dilute the focus of the project. Whilst the ongoing GSM activity was valuable for Industry, ARIB could not support the T1 proposal that it should be undertaken within 3GPP.

Mr Ljungberg explained that ETSI supported the T1 proposal in principle, but had prepared a number of specific comments which needed to be taken into account [**3GPP/OP#2(00)16**]. These are listed below:

- i) ETSI supports in principle the proposal made by Committee T1 to transfer the specification work relevant to GSM radio from TC SMG to 3GPP (subject to the endorsement of the ETSI General Assembly).
- ii) ETSI proposes that in addition to transferring the GSM radio specification work, all remaining GSM specification activities should also be transferred from TC SMG to 3GPP where this has not already been done.
- iii) ETSI proposes that Committee T1 transfers any remaining GSM specification activities that they are undertaking to 3GPP.
- iv) ETSI proposes that the GSM radio activities should be placed in a new Technical Specification Group within 3GPP.
- v) ETSI proposes that there should be no financial impact, as a result of the transfer, on those Organizational Partners which do not declare an interest in the GSM radio activities. The funding of these activities should be provided by those Organizational Partners who do declare an interest (eg ETSI, T1, etc).

- vi) ETSI proposes that the latest date by which the GSM specification activities should be transferred to 3GPP should be June 2000. (It should be noted that for ETSI to agree to change of scope of 3GPP, the endorsement of the ETSI General Assembly will be required and that this should be sought in April 2000.)

A brief discussion was held on the notion that a new TSG should be created for the transferred activity and it was noted that this was a suggestion from the ETSI delegation which was certainly open for debate. The intended advantage of a new TSG was to separate the costs more easily to ensure no financial burden on those Partners who have no interest in GSM radio.

Mr Nikkari explained a number of reasons why the UWCC supported the T1 proposal [3GPP/OP#2(00)20].

Mr Takabatake explained that TTC members did not support the T1 proposal [3GPP/OP#2(00)23]. The main concerns in respect of the proposal were that the activity was not one of common interest to all of the Partners, that the existing co-operation between 3GPP and SMG was working well, and that the introduction of a different air interface into 3GPP could have a negative impact on efficiency.

Dr Wee expressed the view from TTA who supported the proposal in principle, although some safeguards should be introduced to ensure that the ongoing 3GPP work was not unduly affected.

Madam Cao expressed the view that CWTS supported the T1 proposal.

6.3 Conclusions

The Chairman summarised the discussion above, noting that 2 of the 6 Organizational Partners did not support the proposal and on that basis it could not be approved.

The TTC delegation advised that in view of the discussion that had taken place they could change their position and offer "in principle" support for the proposal on the understanding that existing timescales would not be impacted and that there would be no financial burden on TTC.

It was agreed that the best course of action to progress the discussion would be to create an ad hoc group. At a later stage of the meeting (the following day), Terms of Reference were prepared and after some minor modifications they were approved as contained in **Annex F**. Dr Bailey agreed to chair the Ad Hoc Group with the intention of completing the activity by 1 April and presenting the results to the Organizational Partners for decision.

Decision OP2/4: Ad Hoc Group created, under the leadership of Dr Bailey, to discuss the possibility of moving GSM Radio activities into 3GPP and to make recommendations for decision by the Organizational Partners.

7 3GPP Funding, 1999 Year End Report

Mr Scrase explained the financial situation for 1999. The expenditure incurred by ETSI for the support of mobile activities was approximately 3.9 MEuros, and the travel and salary costs alone for 3GPP amounted to approximately 1,8 MEuros. Voluntary human resources had been provided by ARIB, TTA and the GSM Association which were equivalent to approximately 40 kEuros each. TTC had pledged a payment of 70 kEuros but this amount had not yet been received.

Dr Chatterjee offered a vote of thanks to ETSI for the financial commitment that they had shown, regretting that T1 had been unable to contribute to the 1999 funding. However, this situation would be remedied in 2000.

8 3GPP Funding 2000

8.1 Summary of Requirements from PCG

Mr Scrase provided a summary of the MCC budgetary requirements which were needed to meet the support demands expressed by the PCG [3GPP/OP#2(00)14]. The draft 2000 budget had already been predicted in June '99, and based on the same assumption that the size of MCC would remain roughly constant, the proposed budget was 4,72 MEuros.

In addition to the support requirements, a number of specific standardization tasks had been proposed by PCG, to be performed by contracted experts. A summary of these tasks, which required a budget of 963 kEuros for year 2000, was presented [3GPP/OP#2(00)15].

8.2 Report from Funding Ad Hoc Group

Mr Davidson presented the report of the Funding Ad Hoc Group which had met to discuss the funding basis for 3GPP [3GPP/OP#2(00)12]. The outline principle for support funding had been to divide the budget into two halves, and to raise one half by an equal division amongst the Organizational Partners, and to raise the other half by a proportional division determined by the number of Individual members belonging to each Organizational Partner. The principle for funding the specific standardization tasks was to divide the cost equally amongst the Organizational Partners.

A more recent meeting of the Funding Ad Hoc Group had discussed the principles in more depth and had treated some proposed modifications to the principles. In the case of Japan, an explanation had been received that the results of 3GPP would only be transposed by either ARIB or TTC, but never both. This had led to the proposal that for the funding of specific standardization tasks, ARIB and TTC should be considered as one unit of funding and not two as at present [3GPP/OP#2(00)05]. In the case of CWTS, an explanation had been received that as a young organization they were not able to fund 3GPP in accordance with the proposed principles but requested that a lower amount be agreed.

8.3 Funding Commitments by Organizational Partners

In considering the budget proposals for year 2000, the Organizational Partners approved the support funding level of 4,72 MEuros and the Specific Tasks funding level of 963 kEuros [3GPP/OP#2(00)14 &15].

Decision OP2/5: 3GPP Budget for year 2000 approved [3GPP/OP#2(00)14 &15].

Based on a proposal made by CWTS it was agreed that the financial contribution from CWTS to 3GPP for the year 2000 should be 100 kEuros.

Decision OP2/6: Year 2000 funding basis for CWTS agreed.

It was agreed that the remaining support funding requirement would be halved, and that one half would be provided by an equal contribution from ARIB, ETSI, T1, TTA, and TTC. The other half would be provided by a proportional contribution from those Partners based on their number of Individual members as at 1 January. The budget for the Specific Standardization Tasks would be provided in four equal parts from ETSI, T1, TTA and ARIB/TTC.

Decision OP2/7: Year 2000 funding basis for ARIB, ETSI, T1, TTA and TTC agreed.

By applying the principles agreed above, a funding liability for each Organizational Partner was derived as given at **Annex G**. Mr Scrase was requested to issue invoices to the Organizational Partners taking into account the regional differences in accounting calendars.

Action OP2/5: Mr Scrase to issue invoices to the Organizational Partners for year 2000 funding.

Mr Yoshimura proposed on behalf of ARIB, TTA and TTC that the Funding Ad Hoc Group should continue, but with the additional roles of periodic auditing and evaluation of funding requests passed from PCG [3GPP/OP#2(00)04r1]. This proposal was agreed. It was confirmed that the Funding Ad Hoc Group consisted of one representative from each Organizational Partner and the Head of MCC.

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| Decision OP2/8: Role of Funding Ad Hoc Group extended to include periodic auditing and evaluation of funding requests passed from PCG. |
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| Decision OP2/9: Funding Ad Hoc Group consists of one representative from each Organizational Partner and the Head of MCC. |
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9 Request from CDMA Development Group for MRP Status in 3GPP

The Secretary presented correspondence which had been received from the CDMA Development Group (CDG) which had requested MRP status in 3GPP [3GPP/OP#2(00)09]. In considering the application, the Organizational Partners looked closely at the role of the CDG and studied the contents of their web site. From this examination it was not clear whether the CDG was a proponent of CDMA technology as a whole or whether their support was limited to the variant known as cdmaOne. The existing documentation implied that the CDG was limited to supporting cdmaOne but it was thought that this should be investigated further before any decision was made with regard to the application for MRP status in 3GPP. Secretary was requested to prepare a letter to be sent to the CDG asking them to clarify their role and mandate. If the outcome of this enquiry led to a clear statement by the CDG in support of the W-CDMA technology being developed within 3GPP then the application for MRP status could proceed without delay.

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| Action OP2/6: Secretary to prepare a letter to be sent to the CDG seeking clarification of their role and mandate. |
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10 Signing Ceremony for the Acceptance of IPv6 Forum as a Market Representation Partner in 3GPP

A signing ceremony was conducted to formally welcome the IPv6 Forum as an MRP in 3GPP [3GPP/OP#2(00)08].

11 Any Other Business

None

12 Closure of Meeting

There being no further business the meeting was closed.

Date of next meetings

17 – 19 July (Japan). NOTE: this venue was subsequently changed to China.

14-15 November (North America)

Annex A Adopted agenda

| | |
|-----------|--|
| 1 | Opening of Meeting and Chairman's Remarks |
| 2 | Approval of Agenda |
| 3 | Approval of Report of OP#1 3.1 Actions arising |
| 4 | Review of 3GPP Progress 4.1 1999 Results 4.2 2000 Forecast |
| 5 | Publication of 3GPP Results by Organizational Partners 5.1 Publication of Release 99 5.2 Publication of 3G Ciphering Algorithm 5.3 Referencing of Results by ITU |
| 6 | Proposal from T1 to modify scope of 3GPP to include EDGE and GPRS 6.1 Introduction of Proposal from T1 6.2 Response from Organizational Partners 6.3 Conclusions |
| 7 | 3GPP Funding, 1999 Year End Report |
| 8 | 3GPP Funding 2000 8.1 Summary of Requirements from PCG 8.2 Report from Funding Ad Hoc Group (Mr. Davidson) 8.3 Funding Commitments by Organizational Partners |
| 9 | Request from CDMA Development Group for MRP Status in 3GPP |
| 10 | Signing Ceremony for the Acceptance of IPV6 Forum as a Market Representation Partner in 3GPP |
| 11 | A.O.B |
| 12 | Closure of Meeting |

Annex B List of Decisions

| N°. | DECISION |
|----------------|--|
| D-OP2/1 | Report of OP#1, held in Seoul, 27-28 May 1999, approved [3GPP/OP#1(99)25r1]. |
| D-OP2/2 | Target date for the first issuing of Release 2000 set as the end of December 2000. |
| D-OP2/3 | Head of MCC authorised to act on behalf of the OPs in granting copyright permission to use extracts from 3GPP specifications. (A list of those cases where permission has been granted will be maintained on the 3GPP web site). |
| D-OP2/4 | Ad Hoc Group created, under the leadership of Dr Bailey, to discuss the possibility of moving GSM Radio activities into 3GPP and to make recommendations for decision by the Organizational Partners. |
| D-OP2/5 | 3GPP Budget for year 2000 approved [3GPP/OP#2(00)14 &15]. |
| D-OP2/6 | Year 2000 funding basis for CWTS agreed. |
| D-OP2/7 | Year 2000 funding basis for ARIB, ETSI, T1, TTA and TTC agreed. |
| D-OP2/8 | Role of Funding Ad Hoc Group extended to include periodic auditing and evaluation of funding requests passed from PCG. |
| D-OP2/9 | Funding Ad Hoc Group consists of one representative from each Organizational Partner and the Head of MCC. |

Annex C List of Actions

| N°. | RESPONSIBLE | ACTION |
|----------------|-----------------------|--|
| A-OP2/1 | OPs | To nominate a contact person to be consulted for copyright requests where OP guidance is required. |
| A-OP2/2 | OPs | To make appropriate contacts with all governments relevant to the areas in which they would distribute the 3G algorithms and to prepare for a discussion on open publication before July 17. |
| A-OP2/3 | ETSI legal Advisor | To prepare a draft 3G Algorithm licensing document and non-disclosure agreement for approval by correspondence before 14 February. |
| A-OP2/4 | Secretary | To write to the ITU proposing that the discussion held between SDOs and ITU-R in September '99 should be continued in '00, but should also include ITU-T representatives. |
| A-OP2/5 | Mr Scrase | To issue invoices to the Organizational Partners for year 2000 funding. |
| A-OP2/6 | Secretary | To prepare a letter to be sent to the CDG seeking clarification of their role and mandate. |

Annex D List of documents

| Doc. No. | Document title | Source | Agenda item No. |
|-----------------|---|----------------|------------------------|
| OP#1(99)25r1 | Revised Draft summary minutes, decisions and actions from 3GPP Organizational Partners Meeting#1, Seoul, 27-28 May 1999 | Secretary | All |
| OP2_01r1 | Proposed Revised Agenda | Secretary | 2 |
| OP2_02r1 | List of Participants | Secretary | All |
| OP2_03r1 | List of Documents | Secretary | All |
| OP2_04r1 | <i>Extension of 3GPP Funding Ad Hoc Group Role</i> | ARIB, TTA, TTC | 8.2 |
| OP2_05 | Share of Funded Tasks' Cost | ARIB/TTC | 8.2 |
| OP2_06 | Proposal to expand the terms of reference of 3GPP to include EGPRS radio access | Committee T1 | 6.1 |
| OP2_07 | Permission to use 3GPP specifications | ETSI (MCC) | 5 |
| OP2_08 | IPv6 request for MRP status in 3GPP | Secretary | 10 |
| OP2_09 | CDMA Development Group request for MRP status in 3GPP | Secretary | 9 |
| OP2_10 | 1999 results from 3GPP | Secretary | 4.1 |
| OP2_11 | Actions status list | Secretary | 3.1 |
| OP2_12 | 3GPP Funding Meeting 20 September 1999, Geneva | Phil Davidson | 8.2 |
| OP2_13 | Comment on proposal from T1 to extend the terms of reference of 3GPP to include EGPRS radio access | ARIB | 6.2 |
| OP2_14 | Summary of Mobile Competence Centre support budget for 2000 | Secretary | 8.1 |
| OP2_15 | Summary of Mobile Competence Centre specific tasks budget for 2000 | Secretary | 8.1 |
| OP2_16 | ETSI response to proposal from T1 to extend the scope of 3GPP | ETSI | 6.2 |

| Doc. No. | Document title | Source | Agenda item No. |
|-----------------|--|---------------------------------|------------------------|
| OP2_17 | Publication of 3GPP Ciphering Algorithm | Secretary | 5.2 |
| OP2_18 | Certification and Global Circulation | 3GPP MRPs | 4.2 |
| OP2_19 | MRP High Level Objectives | 3GPP MRPs | 4.2 |
| OP2_20 | Support for proposal to include EDGE/GPRS as 3GPP programs | UWCC | 6.2 |
| OP2_21 | MRP Input to 3GPP Program Planning | GSA, GSMA, UMTS Forum, and UWCC | 4 |
| OP2_22 | Publication of 3GPP Results in ARIB | ARIB | 5 |
| OP2_23 | TTC Concerns on the T1 Proposal | TTC | 6.2 |
| OP2_24 | TTC Standard Development | TTC | 5 |
| OP2_25 | Report OP#2 Meeting | Secretary | |

Annex E List of Participants

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|-------------------------------|------------------------|
| Mr. Olle Aberg | GSA |
| Mr. Niels Peter Skov Andersen | ETSI |
| Dr. Chuck Bailey | T1 Standards Committee |
| Ms. Shumin Cao | CWTS |
| Mr. Colin Chandler | ETSI |
| Dr. Asok Chatterjee | T1 Standards Committee |
| Mr. Philip Davidson | ETSI |
| Mr. Ian Doig | ETSI |
| Dr. Bernd Eylert | UMTS Forum |
| Mr. Alan Hadden | GSA |
| Ms. Susan Hoyler | TIA |
| Mr. Myung Gook Jang | TTA |
| Dr. Young Kyun Kim | TTA |
| Mr. Latif Ladid | IPV6 Forum |
| Mr. Kari Lang | ETSI |
| Mr. Kiritkumar Lathia | ETSI |
| Mr. Neil Lilly | GSM Association |
| Mr. Eric Ljungberg | ETSI |
| Mr. James Lord | T1 Standards Committee |
| Mr. Yutaka Maeda | ARIB |
| Mr. Yoshinao Nakada | ARIB |
| Mr. Leo Nikkari | UWCC |
| Dr. Sang-Keun Park | TTA |
| Mr. Karl Heinz Rosenbrock | ETSI |
| Mr. Chang-Ho Ryoo | TTA |
| Mr. Akio Sasaki | ARIB |
| Mr. Adrian Scrase | ETSI |
| Ms. Aoife Sexton | GSM Association |
| Mr. Steve Sim | IPV6 Forum |

Annex F Terms of reference: 3GPP Ad Hoc Group on movement of work into 3GPP

1 Objective for the Ad Hoc Group on Movement of Work into 3GPP

To assess the impacts and appropriate program structure to support the transfer of appropriate ETSI/SMG and T1 programs related to capabilities into a 3GPP.

2 Key Study Assumptions

- A. Any proposed new 3GPP work items will have no negative impact on current Release 99/00 schedules, resources and funding.
- B. Only those parties within 3GPP interested in contributing to 3GPP developments in this subject area will be required to resource and fund this specific activity.

3 Study Methodology

- 1) Collect inputs regarding what work items could be moved from ETSI/SMG and T1 into a 3GPP TSG program structure, incremental to current 3GPP programs.
- 2) Identify the potential impacts for each of the proposed work transfer items above on current 3GPP programs including:
 - technical
 - financial and support services
 - organizational impacts on TSGs
 - schedule impacts on Release 99/0
 - 3GPP scope
- 3) Identify potential program schedules and timelines for proposed transfer work items.
- 4) Identify 3GPP TSG structural options to support the appropriate transfer work items for EDGE/GPRS related programs.

4 Final Study Outcome

* Study and report completed April 1

* Recommendation to 3GPP OP

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References: Documents from 3GPP OP#2 related to the EDGE/GPRS subject matter

Note: The results to date from the ETSI Ad Hoc group established to study the impacts and mechanisms for potential transfer of relevant SMG work items related to EDGE/GPRS into 3GPP will be made available to this study as a basis for this work.

Annex G OP Funding liabilities for year 2000

1 Introduction

This document summarises the budget discussions which took place during OP#2 and provides details of the funding to be provided by each partner.

2 Budget requirement for MCC support

Based on agreed planning assumptions, the following support budget was approved by OP#2.

| Resource description | Resource estimate (kEuro) |
|--|---------------------------|
| ETSI officers | 750 |
| ETSI assistants | 245 |
| Contracted experts | 1890 |
| Accommodation and building maintenance | 155 |
| Travel and subsistence | 800 |
| Administration | 50 |
| Publicity and Promotions | 75 |
| IT servers and maintenance | 30 |
| IT PCs/laptops | 45 |
| Telecommunications | 40 |
| Contingency | 640 |
| Total | 4720 |

3 Budget requirement for 3G specific tasks

OP#2 agreed to fund the following specific task on satisfactory approval of Terms of Reference and Work Plan by PCG.

| Task description | Resource estimate (kEuro) |
|---------------------------------------|---|
| Encryption algorithm (actual cost) | 344,7 |
| AMR characterization | 55,0 |
| USIM testing | 144,0 |
| 3G UE test description for release 99 | 108,0 |
| TTCN for MS interoperability | 936,0 (312 in 2000) |
| Total | 1587,7 (963,7 in 2000) |

4 Funding principle for year 2000

The following principle will be applied for year 2000:

- i) From the Support Budget will be deducted the value of the expert provided by the GSM Association.
- ii) 20% will be deducted for support services provided to TC SMG and EP UMTS
- iii) Also deducted from the Support Budget for year 2000 will be a 100k Euro expected contribution from CWTS.
- iv) The remaining amount will be halved.
- v) One half will be found by equal division among the five paying Partners (ARIB, ETSI, T1, TTA, TTC).
- vi) The other half will be found by proportional split according to the ratio of 3GPP Individual members belonging to the paying Partners on 1 January.
- vii) The Specific Tasks budget will be derived by equal division amongst the four paying Partners who intend to publish the results (ARIB/TTC, ETSI, T1, TTA, TTC).

5 Application of the principle

When applying the principle for year 2000, the following funding liabilities can be derived for each Partner.

5.1 ARIB

| Budget category | Amount (kEuro) |
|---|----------------|
| Equal division of Support budget | 357,5 |
| Proportional division of Support budget | 241,3 |
| Equal division of Specific tasks budget (shared between ARIB and TTC) | 120,5 |
| Total | 719,3 |
| Deduction for provision of human resources | 126,0 |
| Amount due | 593,3 |

5.2 CWTS

| Budget category | Amount (kEuro) |
|--------------------------------|----------------|
| Contribution to Support budget | 100,0 |
| Amount due | 100,0 |

5.3 ETSI

| Budget category | Amount (kEuro) |
|---|----------------|
| Equal division of Support budget | 357,5 |
| Proportional division of Support budget | 1126,2 |
| Equal division of Specific tasks budget | 240,9 |
| Amount due | 1724,6 |

5.4 T1

| Budget category | <i>Amount (kEuro)</i> |
|---|-----------------------|
| Equal division of Support budget | 357,5 |
| Proportional division of Support budget | 143,0 |
| Equal division of Specific tasks budget | 240,9 |
| Amount due | 741,4 |

5.5 TTA

| Budget category | <i>Amount (kEuro)</i> |
|--|-----------------------|
| Equal division of Support budget | 357,5 |
| Proportional division of Support budget | 160,9 |
| Equal division of Specific tasks budget | 240,9 |
| Total | 759,3 |
| Deduction for provision of human resources | 126,0 |
| Amount due | 633,3 |

5.6 TTC

| Budget category | <i>Amount (kEuro)</i> |
|---|-----------------------|
| Equal division of Support budget | 357,5 |
| Proportional division of Support budget | 116,2 |
| Equal division of Specific tasks budget (shared between ARIB and TTC) | 120,5 |
| Amount due | 594,2 |