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This document contains the currently agreed outline, structure and principles of the GSM [terminals] Certification Forum, in which the previously called "Voluntary Certification Scheme" is to be managed.

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GSM CERTIFICATION FORUM

Principles Document

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1. Scope

This document provides a summary of the GSM Certification Forum Program (Certification Forum). The Certification Forum has been developed in co-operation and through partnership between the GSM Association representing the GSM operator community and terminal manufacturers to ensure the interoperability of GSM terminals globally.

The GSM Certification Forum provides for the verification of devices against the Certification Forum's Technical requirements, with global recognition and acceptance of results, the avoidance of multiple testing and cost efficiencies. The program includes all GSM frequency bands and multi-mode devices. It shall be complementary to all regulatory regimes with participation on a voluntary basis.

The Certification Forum and testing shall not cover commercial or quality aspects of a terminal and any such testing shall remain a part of the commercial agreement between the customer and the manufacturer. New requirements and tests may be incorporated into the Certification Forum when they have become part of the GSM core specifications, tests have been published by a Standards Development Organisation and validated test equipment is commercially available.

It is intended that the Certification Forum program will evolve as the GSM technology evolves and will be extended and modified to encompass future technologies such as 3rd Generation.

This Principles Document sets forth the basic principles and framework for the Certification Forum as agreed between the GSM Association and terminal manufacturers on 24 August 1999 in London, England and so documented in "Certification Agreements – London Meeting. Additional details of the Certification Forum shall be contained in the structural, procedural and technical Permanent Reference Documents of the Certification Forum, which may be adopted from time to time and shall conform to the fundamental principles as contained in this Principles Document.

2. References

The following may be cited or referenced in this document.

2.1. Structural Documents

- GCF-AD Abbreviations and Definitions*
- GCF-OB Operating Budget*
- GCF-OP Organisation Procedures*

2.2. Procedural Documents

- GCF-AP Application Procedures*

2.3. Technical Documents

- GCF-CCR Certification Criteria Regulatory*
- GCF-CCV Certification Criteria Voluntary*
- GCF-CA Conformance Assessment*

* These Permanent Reference Documents shall comply with the terms and substance of this Principles Document and shall be approved by the Steering Group.

3. Abbreviations and Definitions

Abbreviations and definitions relevant to this document may be found in GCF-AD.

4. Organisational Structure

Certification shall be within the GSM Association with the appropriate “ring fencing”. The Certification Forum shall operate independently from the GSM Association or any other organisation. It shall be co-located within the GSM Association with appropriate “ring fencing” to protect the independence of the GSM Association, the Certification Forum and their respective memberships.

The Forum shall consist of one Chair and one Vice Chair, a Steering Group and Secretariat. The Steering Group shall set up one or more Working Groups for designated tasks (e.g. Validation and technical requirements Agreement Group and other working groups).

The Forum shall be open to all Operators and Manufacturers who are Declared Active Participants of the Certification Forum, and invited Observers.

4.1. Participation

Participation in the Certification Forum is voluntary and open to all Operators who are members of the GSM Association and to all Manufacturers of GSM terminal devices.

The membership in the Certification Forum shall be granted to Manufacturers and Operators after receipt of a completed Declaration of Active Participation by the Secretariat and approval by the Steering Group, which shall not be unreasonably withheld. Upon approval, it shall be forwarded to the Secretariat for posting on the Certification Web Site. The declaration pro-forma outlining the agreements required for Certification Forum participation are contained in Annex A.

4.2. Observers

Observer status is a classification of the Certification Forum that is open to all interested parties involved in the design, development, manufacturing, testing, service provisioning, etc, of GSM terminals, who are neither Operators nor Manufacturers. An interested party wishing to become an Observer shall execute and submit an application and Observer’s Declaration of Active Participation to the Secretariat, who shall forward it for approval to the Steering Group. Upon approval, it shall be forwarded to the Secretariat for posting on the Certification Web Site by the Secretariat.

Observers shall have access to the Certification Web Site so that applicable documentation, meeting papers, etc. may be obtained and referenced. An Observer may attend Steering Group and Working Group meetings by invitation, at the mutual discretion of the Chair and Vice Chair, and participate in discussions, make written contributions, etc.

An Observer shall not have the right to participate in voting, or be elected Chair or Vice Chair of the Certification Forum.

4.3. Chair / Vice Chair

The Chair and Vice Chair shall rotate annually between an Operator member elected by the Operator Participants and a Manufacturer member elected by the Manufacturer Participants. The Vice Chair shall succeed the Chair annually with the election of a new Vice Chair. The Chair and Vice Chair shall act in continuous consultation and co-ordination with each other. The Vice Chair shall deputise for the Chair in case of absence.

The duties of the Chair include:

- Formal invitation and chairing of Steering Group meetings in accordance with this Principles Document
- Formal representation of the agreed views of the Certification Forum to third parties upon request of and in compliance with Steering Group decisions
- Everyday direction and supervision of the Secretariat.

4.4. Steering Group

All Declared Active Participants are members of the Steering Group which is the decision making body of the Certification Forum. The duties of the Steering Group include:

- Financial, budget matters,
- Membership and observer matters,
- Approval of the technical requirements, criteria and tests.
- Appointment and supervision of Secretariat,
- Appointment of Working Groups for designated tasks,
- All other tasks in this Principles Document designated to the Steering Group.

The Steering Group shall meet twice per year to decide matters of administration and approve budgets. The Steering Group shall be responsible for all policy issues. Other Steering Group meetings may be called by the Chair or Vice Chair on an ad hoc basis. Invitations to all Members shall be sent by the Chair in writing at least two weeks in advance, referencing all decisions to be taken in the meeting.

Decisions of the Steering Group shall be reached by consensus in the first instance. In the event that the Steering Group cannot reach consensus, matters shall be put to a vote. There shall be equal (50/50) voting power shared between Manufacturer and Operator representatives with voting done on a Double Majority Basis. A decision shall be deemed to have been taken when greater than fifty percent (50%) of the Manufacturer votes cast and greater than fifty percent (50%) of the Operator votes cast for an issue which has been put before the Steering Group for a vote. The Chair and Vice Chair shall have no decisive vote in case of a tie in Steering Group decisions.

A quorum consisting of a minimum of five (5) representatives each of both Operators and Manufacturers shall be present at all meetings of the Steering Group. Participating manufacturer representatives shall be allocated one vote each. Participating operator representatives shall have the total sum of the votes allocated to the attending manufacturer representatives.

Manufacturers and Operators may attend if a completed Declaration of Active Participation has been approved by the Steering Group. As an exception, Manufacturers and Operators who have submitted Declarations of Active Participation may attend Steering Group meetings as non-voting participants until their confirmation by the Steering Group, which shall not be unreasonably withheld.

4.5. Secretariat

The Secretariat shall be suitably technically qualified and will be fully employed or contracted for achieving its operative goals. The Secretariat shall work at the direction of the Chairman / Vice Chairman (with advice and guidance from the Steering Group as necessary)

The duties of the Secretariat shall include:

- Issuing instructions (within the scope of the GCF) to the Working Groups based upon policy set forth by the Steering Group
- Setting up and maintaining the Certification Web Site and links with the GSM Association and Declared Active Participants
- Managing the day-to-day operation and activities of the Certification Forum under the direction of the Chair / Vice Chair and in compliance with this Basic Document.
- Providing such assistance as is required by the Steering Group

The Secretariat shall, on an individual basis, be employed by the GSM Association, which shall act as employer under applicable labour law, but there shall be no subordination to the GSM Association in connection with the Scope of the Certification Forum. The Forum shall enter into financial arrangements with the GSM Association regarding reimbursement and Secretariat costs which shall be shared equally (50/50) between the Operators and Manufacturers. The Secretariat functions shall be

co-located within the GSM Association offices with administrative services provided at cost as agreed in the annual budget by the Steering Group. The Secretariat shall initially be limited to a headcount of one with the possibility to be increased as the program expands if this is deemed necessary, and approved, by the Steering Group.

4.6. Working Groups

Working Groups shall be established by the Steering Group for designated tasks (e.g. Validation and Agreement Group) and shall be responsible for the detailed implementation of policy as directed by the Steering Group. Such activities shall include, the development and validation of the technical requirements of the Certification Forum. The Working groups shall establish proposals with consensus and submit those for approval to the Steering Group. Each Working Group shall elect a chairperson to act as their spokesperson and who shall formally extend invitations and chair the sessions of the Working Group.

5. Financial arrangements

Funding of the Certification Forum, as agreed up-front in the annual budget, shall be on a 50/50 cost share basis between Manufacturers and Operators with administrative services provided through the GSM Association.

6. Document Management

6.1. Copyright

Copyright in all documentation shall be vested equally in all Manufacturers and Operators who are Declared Active Participants of the Certification Forum. The transfer of Copyright from the GSM Association shall be initiated upon acceptance of Declared Active Participants by the Steering Group. On withdrawal from the Certification Forum, all rights of the resigning participants shall automatically revert to the remaining participants.

6.2. Intellectual Property Rights

With the exception of Clause 6.1 above, no Intellectual Property Rights shall pass to Declared Active Participants through the operation and participation in the Certification Forum.

6.3. Documentation Change Control

Permanent Reference Documents shall be maintained by the Secretariat, kept under revision control, and changed as necessary when approved by the Steering Group.

7. Development of Criteria and Tests

The technical Working Groups shall propose the certification criteria and tests recommended to be included within the Certification Forum to the Steering Group for approval. Any requirement in the GSM core specifications of an appropriate Standards Development Organisation may be included in the Certification Forum. The technical Working Groups shall make recommendations to the Steering Group who shall formally consider and/or approve these.

There shall be a separation of regulatory tests and voluntary tests in the Certification Forum Permanent Reference Documentation. For tests which are included within the European Regulatory Approval process and then no longer required by such regulations, those requirements shall be merged back into the voluntary technical requirements of the Certification Forum under the conditions stated below.

Test cases included in the Certification Forum shall be published by a Standards Development Organisation and implemented on commercially available test equipment, which has been validated.

Changes in Certification Criteria and tests shall be recorded in the documents GCF-CCR and GCF-CCV.

Where there is agreement in principle that a new requirement should be included, but the Steering Group considers that not all of the necessary material is available (e.g. Methods of Test, Means of Test and networks available for Field Trial), there shall be co-operation between operators and manufacturers to develop agreed test cases which will be given Provisional Status until formal Methods of Test, Means of Test and networks are available and the Provisional Status may then be removed. A requirement shall not be moved from Provisional Status to Full Status unless its associated tests have been specified by an appropriate Standards Development Organisation and validated on commercially available test equipment. After a change from Provisional to Full Status, a test will only become mandatory after a four (4) week period has expired unless otherwise agreed by the Steering Group.

A manufacturer may self certify provisional tests on a bi-lateral basis with interested operators on a shared risk basis.

8. Operator Support for Field Trial Activities

Part of the Certification process involves field trials of Terminal Devices. Operators may encourage the use of their networks for the purpose of Field Trials. In order to do this, operators shall undertake to provide certain facilities/information to Manufacturers on a non-discriminatory basis before their network may be used for the Field Trial. The operator shall make a written declaration specifying the level of involvement to be provided in order to become "Field Trial Qualified".

A Field Trial Qualified Operator shall appoint a Field Trial Officer to act as a central point of contact for information. The Field Trial Officer provides information concerning the network, including the network infrastructure configurations, the mobile station features supported by the network, the geographical location of different examples of infrastructure suitable for field trial, how and where SIMs suitable for field trial may be obtained. Additional information may be provided under a non-disclosure agreement.

As a matter of principle, it is desirable for Operator's relevant technical departments who wish to become Field Trial Qualified, meet the requirements of ISO-9000 or equivalent.

9. The Declaration Process

Manufacturers are required to become Quality Qualified as a first step in participating in the Certification Forum. The process comprises a declaration that the Manufacturer has in place and utilises a recognised Quality Assurance Program on a daily basis in the design, development and manufacture of GSM terminal devices.

The Manufacturer shall also declare that it possesses, or has subcontracted for, the necessary skills and Means of Test to conduct the Self Assessment of each Terminal device in conformity with the relevant Certification Criteria as defined in document GCF-CCV, GCF-CCR and any documentation referenced therefrom.

A Manufacturer shall independently conduct certification testing and then notify the Secretariat that the product is to be declared Certified and is to be listed on the Certification Web Site. The Manufacturer controls the testing process and the notification to the Secretariat. No public reference that a Terminal Device has been Certified shall be made by a Manufacturer until the Secretariat has been so notified.

Evidence of conformity shall be recorded in a Compliance Folder, which is compiled and maintained by the Manufacturer. Part of the evidence of conformity shall consist of records of field trials carried out by the Manufacturer on a variety of commercial networks.

9.1. Quality Qualified status

The Manufacturer may declare Quality Qualified status once it has a Quality Assurance Program in place meeting the requirements of the ISO 9000 series of standards or an equivalent, and whose objectives include meeting the Certification Forum requirements.

Normally, the quality system will be third party certified by an existing certification organisation. The third-party organisation shall conduct reviews of the Quality Assurance Program as defined by its requirements for certifying that specific Quality Assurance Program.

9.2. Assessment Compliant Status

The Manufacturer may declare Assessment Compliant status once he has available the necessary Means of Test in order to conduct Self Assessment to determine whether a terminal device meets the Certification Forum requirements. These Means of Test may be completed by the Manufacture in-house or completed by a third-party test laboratory, or any appropriate combination of the two, at the sole discretion of the Manufacturer.

9.3. Terminal Certified Status

A Manufacturer that has obtained both Quality Qualified and Assessment Compliant status shall possess the capability and qualifications to determine whether its Terminal Device(s) meet the relevant Certification Criteria. For any Terminal Device to be Certified, the Manufacturer shall conduct assessment to ensure the conformity of the Terminal Device with the relevant requirements in GCF-CCR and GCF-CCV.

Each Terminal Device meeting all relevant Certification Criteria and successfully completing the required Field Trials may be declared Certified by the Manufacturer. Such declarations are made against the core specifications, based upon the Certification Forum's technical requirements.

Any changes made to the Certified Terminal Device shall be recorded in and acted on in accordance with the Quality Assurance Program.

The mandatory marking of Certified terminals shall not be required although the voluntary marking, at the option and discretion of the Manufacturer, shall be permitted.

9.4. Compliance Folder

The Manufacturer shall maintain a Compliance Folder for each Terminal Device progressing through the declaration process. The Compliance Folder may consist of a variety of traceable documents.

Each Compliance Folder shall be a set of Manufacturer's company documents controlled within the Manufacturer's Quality Assurance Program. All Compliance Folders shall be maintained in secure locations. The Compliance Folder shall contain the results of applicable tests, Field Trials and engineering change information. In case of disputes, information contained in the Compliance Folder, e.g. test laboratory reports, test results, field trial data, etc., relating to the Certified Terminal Device, shall be made available to the parties involved by the Manufacturer.

There shall be an annual audit (unless otherwise specified by the qualified auditing body) of the Manufacturer's quality system as defined by that specific Quality Assurance Program, including sample reviews of individual Compliance Folders of Certified terminal devices, performed by the Manufacturer's ISO-9000 certifying body, which shall hold suitable accreditation, or by a recognised alternative certification method.

9.5. Evidence of Conformity

For each of the Certification Criteria applicable to the Terminal Device, the Manufacturer shall include within the Compliance Folder evidence identifying whether conformity with each Certification Criterion has been achieved:

- 1) Has been tested according to the Method(s) of Test referenced from GCF-CCR or GCF-CCV as appropriate; or
- 2) Has been tested by other methods available to the Manufacturer, to the same confidence level as the GCF-CCR or GCF-CCV Method of Test; or
- 3) Has not been specifically tested, but can be reasonably assumed to be met as a result of other tests to the same confidence level as the GCF-CCR or GCF-CCV Method of Test; or

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- 4) Has not been specifically tested, but can be reasonably assumed to be met as a result of an analysis of the design and construction of the Terminal Device.

Test results shall be included within the Compliance Folder. In cases 2, 3 and 4, the Manufacturer shall also document in the Compliance Folder how the alternative methods ensure at least the same confidence in the conformity of the terminal with the Certification Criteria as expected from the relevant Test Purposes.

When a Certified Terminal Device is modified, the Manufacturer shall demonstrate continued compliance with the appropriate technical requirements of the Certification Forum.

9.6. Field Trial

As part of the Certification process, the Manufacturer shall conduct field trials in five (5) field trial qualified networks for each frequency band the Terminal Device utilises, and representing the major equipment vendors' infrastructure. Where five field trial qualified networks are not available, the trial shall be carried out on the maximum number of networks available. Multiband Terminal Devices shall be trialled on at least five (5) networks on each band, including at least two (2) single-band networks in each band. Trials conducted on multi-band networks shall count towards the limit of five (5) for each band in which the multi-band network operates.

NOTE: For example, a dual-band GSM 900/1800 Terminal Device could be trialled on two GSM 900 networks, two GSM 1800 networks and three dual band networks.

These field trials are defined and updated on the basis of accumulated experience of the Manufacturer and feedback from Operators, in order to establish and confirm interworking of their Terminal Devices with a range of operational networks. All features of the Terminal Device, as declared by the Manufacturer, shall be successfully trialled. At the discretion of the manufacturer, not all features need to be trialled on all networks. For instance, not all features may be available on all networks, or testing of certain features may not need to be duplicated in all bands.

Any anomaly in operation shall be investigated and appropriate action taken, and the results recorded in the Compliance Folder.

9.7. Declaration of Conformity

Upon the Manufacturer's successful laboratory testing of the Certification Forum's technical requirements, and, successful completion of the field trials, the Manufacturer may declare the device Certified through the use of a Declaration of Conformity. The Manufacturer shall notify the Secretariat when the Device is to be listed as Certified on the Certification Website. No public statement that a device has been Certified shall be made by the Manufacturer until the Secretariat has been so notified in writing.

9.8. Issue Resolution

It can be presumed that in most instances of interoperability problems, the parties involved will solve them immediately through bilateral dialogue based upon their commercial agreements. If an unresolved problem related to GCF validated tests exists, either the Operator or Manufacturer may call for testing by an accredited test facility agreed by both parties. Any other third party involvement requires mutual agreement by both parties. Either party may challenge the third party results and call for a retest within five (5) working days with the losing party to pay the cost of testing. It is of utmost importance that independence and confidentiality are maintained.

A test failure shall be immediately notified by the Manufacturer to the Secretariat who shall then indicate this test failure on the Certification Web Site. The Secretariat shall be notified through a new or revised Declaration by the Manufacturer if the issue has been resolved and the test failure notice is to be removed from the Certification Web Site.

If the matter is not resolved within ninety (90) days from the date of the third party confirmation of the test failure, Certification is automatically withdrawn and a notice to this effect is posted on the Certification Web Site.

If the parties consider issues to require a specific resolution process, this shall be carried out by mutual co-operation between the parties involved. Technical expertise of either the test specification owners or the validation groups may be utilised to assist the discussions.

The parties concerned may find that there is a need to suggest clarifications to the core standard or test standard to avoid the issue from occurring again.

In case of commercial disputes, the dispute resolution mechanism agreed by the relevant parties in their commercial agreement remain unaffected.

A Manufacturer may voluntarily withdraw a Certification Declaration at any time upon written notification to the Secretariat.

The Terminal Working Group interworking database shall continue for the benefit of Operators and Manufacturers.

10. Technical Requirements

The Requirements applicable for the purposes of Certification shall be defined by the Working Group, and stated in the GCF-CCR and GCF-CCV documents.

The GCF-CCR and GCF-CCV documents contain reference to three major tables, the Options Table, the Requirements Table and the Conformance Assessment Table. These tables shall remain held by the Certification Forum and not published or maintained by a Standards Development Organisation unless so approved by the Forum.

10.1. The Options Table

The Options Table defines the optional features which the Manufacturer may choose whether to declare. The selection of options by the Manufacturer determines which requirements are applicable.

10.2. The Requirements Table

The Requirements Table defines the requirements, which shall be met by the Terminal Device for the purpose of Certification. The requirements are defined by reference to clauses in the GSM specifications. The applicability of each requirement is defined in respect of the options selected by the Manufacturer in the relevant Standards Development Organisation documents.

The Manufacturer's Declaration is a declaration of conformity to the requirements defined in this table.

10.3. The Conformance Assessment Table

The Conformance Assessment Table defines a set of tests for which test equipment is commercially available and which should be used in order to provide an appropriate degree of confidence that the Terminal Device conforms to the requirements, and that the Manufacturer can therefore make the Declaration. These tests shall be taken from GSM 11.10 or from another recognised Standards Development Organisation. The Manufacturer may substitute alternative methods of test if appropriate, provided that an equivalent level of confidence is obtained.

11. Legal Matters

The Certification Forum is intended to be a global program. It is intended to secure continuing confidence in the GSM technology by ensuring interoperability. This shall enhance supra-national competition by enabling any Manufacturer to meet globally recognised levels of interoperability between terminals and networks and thus helping to prevent the segmentation of the global market.

The Certification Forum shall not interfere with the commercial relationships between any of the parties.

Legal representatives of the GSM Association and the Manufacturers shall co-operate on an ongoing basis to review matters within the legal environment.

ANNEX A

Annex A is subject to further legal review.

Declaration of Active Participation - Operator Participant

[Insert name of organisation

and address details]

We hereby acknowledge the following matters:-

- A Global Certification Forum program (“the Certification Forum”) has been established through a process of co-operation and partnership between mobile network operators represented by the GSM Association, and manufacturers of mobile terminals.
- The Certification Forum provides a scheme for the testing and verification of terminal devices against technical requirements explicitly set out within the scheme’s documentation
- Participation in the Certification Forum by operators, manufacturers and observers is on an entirely voluntary basis.
- The Certification Forum aims to provide benefits to operators, manufacturers and consumers by avoiding multiple testing of terminal devices, achieving cost efficiencies for the scheme’s participants and providing improved assurances to all parties that standards set out in the scheme are met in terminals and networks when in normal use.

In view of the foregoing we hereby declare our active participation in the GSM Certification Forum which has been established within the overall framework of the GSM Association.

We agree for so long as this Declaration of Active Participation remains in effect, to abide by the terms and provisions of the permanent reference documentation relating to the Certification Forum, which has been agreed and approved by the Global Certification Forum Steering Group.

SIGNED

DATED

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Declaration of Active Participation - Manufacturer Participant

*[Insert name of organisation
and address details]*

We hereby acknowledge the following matters:-

- A Global Certification Forum program (“the Certification Forum”) has been established through a process of co-operation and partnership between mobile network operators represented by the GSM Association, and manufacturers of mobile terminals.
- The Certification Forum provides a scheme for the testing and verification of terminal devices against technical requirements explicitly set out within the scheme’s documentation
- Participation in the Certification Forum by operators, manufacturers and observers is on an entirely voluntary basis.
- The Certification Forum aims to provide benefits to operators, manufacturers and consumers by avoiding multiple testing of terminal devices, achieving cost efficiencies for the scheme’s participants and providing improved assurances to all parties that standards set out in the scheme are met in terminals and networks when in normal use.

In view of the foregoing we hereby declare our active participation as a Manufacturer Participant in the GSM Certification Forum which has been established within the overall framework of the GSM Association, pursuant to the forum membership documentation annexed hereto.

We agree for so long as this Declaration of Active Participation remains in effect, to abide by the terms and provisions of the permanent reference documentation relating to the Certification Forum, which has been agreed and approved by the Global Certification Forum Steering Group.

SIGNED

DATED

Declaration of Active Participation - Observer Participant

*[Insert name of organisation
and address details]*

We hereby acknowledge the following matters:-

- A Global Certification Forum program (“the Certification Forum”) has been established through a process of co-operation and partnership between mobile network operators represented by the GSM Association, and manufacturers of mobile terminals.
- The Certification Forum provides a scheme for the testing and verification of terminal devices against technical requirements explicitly set out within the scheme’s documentation
- Participation in the Certification Forum by operators, manufacturers and observers is on an entirely voluntary basis.
- The Certification Forum aims to provide benefits to operators, manufacturers and consumers by avoiding multiple testing of terminal devices, achieving cost efficiencies for the scheme’s participants and providing improved assurances to all parties that standards set out in the scheme are met in terminals and networks when in normal use.

In view of the foregoing we hereby declare our active participation as an Observer Participant in the GSM Certification Forum which has been established within the overall framework of the GSM Association pursuant to the forum membership documentation annexed hereto.

We agree for so long as this Declaration of Active Participation remains in effect, to abide by the terms and provisions of the permanent reference documentation relating to the Certification Forum, which has been agreed and approved by the Global Certification Forum Steering Group.

SIGNED

DATED

Document Change Record

Ver	Change reference			Record of changes made to previous released version	
	ACRN	Approved Date	Document	Section	Comment
2.0.0				All	New document, prepared based on the version 2.0.0 of the VCS documents
0.1				All	Manufacturers draft
0.2				All	Manufacturers draft
0.3				All	Manufacturers draft
2.1.0		31 Aug 99		All	Changes to incorporate principles agreed 24 August 1999 during London meeting of GSMA and terminal manufacturers
2.1.1		7 Aug 99		All	Minor editorial/grammatical changes throughout made by J. Hoffman; change the program and document name to GSM Certification Forum as recommended by Mannesmann Mobilfunk; clarify the double majority voting process; change the term Terminal Model to Terminal Device; add Section 9.7 Declaration of Conformity; and Annex A placeholder for Declaration of Active Participation
2.1.2		9 Sep. 99		All	Manufacturers' response to Version 2.1.1.
2.1.3		15 Sep. 99		All	Manufacturers draft including some changes as requested by other Drafting Group Members
2.1.4		15.Sep 99		All	Manufacturers draft including some changes as requested by other Drafting Group Members
2.1.5		16 Sep 99		All	Manufacturers draft including some changes as requested by other Drafting Group Members
2.1.6		17.Seo 99		All	Manufacturers draft including some changes as requested by other Drafting Group Members
2.1.7		20 Sep 99		All	Incorporation of agreed changes based upon discussions between J. Hoffman and H. Blankenfeld, addition of Annex A
2.1.8		21 Sep 99		All	Manufacturer suggested changes
3.0.0		1 Oct 99		All	Manufacturer/Operator agreed changes