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6 ***CDMA Certification Forum™ Operating Principles***

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1 Official CDMA Certification Forum™ (CCF) WEB Site: www.globalccf.org

2 Incorporated in the state of California, USA

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REVISION HISTORY		
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Table of Contents

1		
2	CDMA CERTIFICATION FORUM™ OPERATING PRINCIPLES	1
3	1 INTRODUCTION	1
4	1.1 SCOPE.....	1
5	2 REFERENCES	2
6	3 DEFINITIONS AND ABBREVIATIONS	2
7	4 BENEFITS TO MEMBERS	3
8	5 FORUM ORGANIZATION	3
9	5.1 ARTICLES OF INCORPORATION	3
10	5.2 CORPORATE BYLAWS.....	3
11	5.3 INTELLECTUAL PROPERTY RIGHTS POLICY	4
12	5.4 MEMBER GUIDELINES	4
13	5.5 MEMBERSHIP APPLICATION.....	4
14	6 STEERING COMMITTEE	4
15	6.1 ROLES AND RESPONSIBILITIES.....	4
16	6.2 DELIVERABLES	5
17	6.3 MANDATES	6
18	6.4 GUIDELINES	6
19	7 WORKING GROUPS	7
20	7.1 TECHNICAL GROUP	7
21	7.2 CERTIFICATION GROUP.....	9
22	7.3 PROCEDURAL ITEMS.....	11
23	8 LIAISON ROLES	11
24	8.1 REGIONAL CERTIFICATION BODIES.....	12
25	8.2 GHRC.....	12
26	8.3 3GPP2.....	12
27	8.4 STT.....	12
28	8.5 GCF	12
29	9 FUNDING	13
30	9.1 MEMBERSHIP FEES.....	13
31	9.2 LAB AUTHORIZATION FEES	13
32	9.3 CERTIFICATION FEES.....	13
33	9.4 MEMBER CONTRIBUTIONS.....	13
34	10 LEGAL	13
35	10.1 TEST AUTHORIZATION AGREEMENT	13
36	10.2 MEMBER LOGO LICENSE	14
37	10.3 CTIA SERVICE AGREEMENT	14
38		
39		

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1 **1 Introduction**

2 The CDMA Certification Forum's (CCF) mission is to create and maintain a partnership
3 between CDMA operators and CDMA device vendors to establish and maintain a core
4 global device certification process. This process will help ensure quality through
5 consistent interoperability, conformance and performance testing across the globe. It is
6 not the objective of the CCF to provide a comprehensive end-to-end test process,
7 maintain test cases outside international standards bodies, or mandate participation.
8 Participation in the CCF is voluntary.

9 Early objectives are focused on establishing the forum itself, publishing modem layer test
10 plans and certification processes, authorizing test facilities around the world to conduct
11 certification testing, and educating the industry on the new process. At the earliest
12 practical opportunity, the focus will shift above the modem layer to provide certification
13 test solutions for features and functions such as mobile browser, multi-media messaging
14 (MMS), and mobile video services.

15 The CCF is a stand-alone non-profit legal entity. Its fundamental structure is articulated
16 in its corporate bylaws, intellectual property rights policy, and membership guidelines.
17 This Operating Principles Guide goes beyond the scope of these documents to capture
18 and articulate the fundamental roles, responsibilities, and deliverables of the Steering
19 Committee, Technical Group, and Certification Group at the tactical level. This guide
20 concludes with a discussion of mechanisms for funding day-to-day operations of the
21 forum.

22 **1.1 Scope**

23 This guide serves to capture specific, agreed upon operating requirements
24 essential to the efficient day-to-day operation of the forum but beyond the scope
25 of the bylaws. This includes the process by which contributions are posted and
26 approved, defining and differentiating roles of the various working groups, formal
27 direction from the Steering Committee to the various working groups, and a
28 mechanism to formally document directives and requirements for the group as a
29 whole.

30 This guide can be modified as required through the standard document control
31 process without the need for formal ratification of the board of directors (as is
32 required for modifications of the bylaws).

33

1 **2 References**

2 Appropriate normative and informative references:

- 3 [1] Bylaws of CDMA Certification Forum
- 4 [2] Membership Application
- 5 [3] Membership Guidelines
- 6 [4] CCF Intellectual Property Rights
- 7 [5] CCF Introduction and Overview
- 8 [6] Articles of Incorporation
- 9 [7] Test Authorization Agreement
- 10 [8] Document Control Process
- 11 [9] CDMA Lab Test Plan
- 12 [10] CDMA Field Test Plan
- 13 [11] Validation Report
- 14 [12] Certification Process Guide Document

15 **3 Definitions and Abbreviations**

16

3GPP2	3 rd Generation Partnership Project 2
ATF	Authorized Test Facility
CCF	CDMA Certification Forum
CCF-F	CCF Field
CCF-L	CCF Lab
CDG	CDMA Development Group
CDMA	Code Division Multiple Access
CTIA	Cellular Telecommunications and Internet Association
GCF	Global Certification Forum
GHRC	Global Handset Requirements for CDMA
ILAC	International Laboratory Accreditation Cooperation
IPR	Intellectual Property Rights
MARCOM	Marketing Communications
MMS	Multimedia Messaging
STT	System Test Team
TE	Test Equipment

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1 **4 Benefits to Members**

2 Only CCF member companies shall enjoy the following benefits:

- 3 • Voting rights (Active Statutory Members Only)
- 4 • Participate in Steering Committee or Working Groups
- 5 • Web Access (beyond public sight)
- 6 • Visibility into test data
- 7 • Access to the list of certified devices
- 8 • Access to documents including test plans
- 9 • Eligible for election to a board seat (Statutory Members Only)
- 10 • Allowed to provide CCF certified device (vendors)
- 11 • Allowed to have test platform validated (test equipment manufacturers)
- 12 • Eligible for consideration as a CCF Authorized Test Facility

13 **5 Forum Organization**

14 The CCF is a nonprofit mutual benefit corporation characterized by its Articles of
15 Incorporation, Corporate Bylaws, IPR Policy, Member Guidelines, and Membership
16 Application. These documents are briefly summarized below and the reader is
17 encouraged to read them for a more comprehensive understanding of the CCF and its
18 operations.

19 **5.1 Articles of Incorporation**

20 The CCF was incorporated in the state of California in 2004 as a nonprofit mutual
21 benefit corporation organized under the Nonprofit Mutual Benefit Corporation
22 Law 501(c)(6).

23 **5.2 Corporate Bylaws**

24 The bylaws of the CCF serve to define the purpose of the Corporation,
25 membership criteria and meeting requirements, board structure and assignments,
26 the process of electing officers, defining committees, and standard operating
27 requirements.

1 **5.3 Intellectual Property Rights Policy**

2 The Intellectual Property Rights Policy covers ownership of intellectual property,
3 license to use development materials and confidential information, copyright
4 license to contributions and permissible use of confidential information,
5 assignment of copyright in jointly developed IP, license of copyright in jointly
6 developed IP, member warranties, CCF warranties, and use of the CCF logo.

7 **5.4 Member Guidelines**

8 The Member Guidelines provide members of the CCF with basic information
9 about their membership in the CCF and their rights, privileges, and obligations in
10 connection therewith.

11 **5.5 Membership Application**

12 The Membership Application collects member contact information (including
13 MARCOM contact), defines membership fees based on membership type and
14 annual CDMA revenue, and states fundamental terms and conditions for the
15 application.

16 **6 Steering committee**

17 The Steering Committee is responsible for day-to-day tactical management of the CCF. It
18 is made up of representatives of each of the statutory members (i.e. Vendor or Operator
19 members). Observer members may participate in Steering Committee meetings but will
20 not have a vote. All members work toward consensus in the completion of CCF
21 objectives. In the event that consensus cannot be achieved by all participants, issues are
22 resolved by dual-majority vote of the statutory members.

23 **6.1 Roles and Responsibilities**

24 The Steering Committee is responsible for:

- 25 ▪ defining and evolving the CCF mission,
- 26 ▪ establishing working groups as required,
- 27 ▪ setting specific and achievable goals, objectives and, deliverables to help
28 the CCF realize its mission,
- 29 ▪ defining a set of guidelines for Member participation in the CCF,
- 30 ▪ resolving issues within the purview of the working groups upon which the
31 working groups are dead-locked or unable to render a decision,
- 32 ▪ approving the election of the Chair and Vice-Chair of working groups, and
- 33 ▪ approving and managing the overall certification process.

1 **6.2 Deliverables**

2 Early deliverables for the Steering Committee include publishing and maintaining
3 an Introduction & Overview document, this Operating Principles Guide, the
4 contribution prospectus, a document control process, high level test and
5 certification requirements, developing and implementing a marketing strategy,
6 maintaining liaisons with key industry working groups, managing the corporate
7 finances, launching and maintaining a corporate web site, and establishing
8 working groups as required to execute on these deliverables.

9 **6.2.1 Introduction & Overview Document**

10 The Introduction & Overview Document provides the newcomer a brief
11 description of the CCF, proposes its value to the industry, describes at a high level
12 the organization including charter, initial goals, objectives, and deliverables of
13 each of its member groups, and describes the position of the CCF within the
14 CDMA industry.

15 **6.2.2 Operating Principles Guide**

16 This Operating Principles Guide provides a mechanism to capture practices and
17 procedures essential to the successful execution of the CCF charter but beyond the
18 scope of the corporate bylaws. This guide is a “living” document that can be
19 changed by the Steering Committee as required to govern the day-to-day practical
20 operations of the forum.

21 **6.2.3 Contribution Prospectus**

22 The purpose of the Contribution Prospectus is to communicate the value of the
23 CCF to prospective members of the CCF and senior management of participating
24 members to help solicit and justify fees, in-kind commitments, and capital
25 contributions to help ensure the success of the CCF. The prospectus provides a
26 brief description of the opportunity of the CCF, the services it offers, the
27 organization required and operational elements in place to provide those services,
28 potential risks, and financial and in-kind resources required by the forum to
29 realize its objectives.

30 **6.2.4 Document Control Process**

31 The Steering Committee shall develop, document, and maintain a methodology
32 for controlling all CCF documents. This methodology provides for a formal
33 posting and review process during which any participant with a material concern
34 and alternative language can propose a change to the posted document. The
35 document management process and formal creation and distribution procedures
36 are further delineated in the Document Control specification.

1 **6.2.5 Promotion**

2 Crucial to the success of the CCF is the continued promotion of the forum and its
3 benefits to the operator and vendor community. Members and participants are
4 encouraged to provide resources from their internal MARCOM and technology
5 marketing organizations to develop a promotion package for the CCF. This may
6 include such items as web site design and content (including maintenance), press
7 releases, promotional campaigns, and presence at industry trade shows.

8 **6.2.6 Test and Certification Requirements**

9 A globally agreed upon set of features and functions provide the foundation upon
10 which a certification program can be established. To provide high level test and
11 certification requirements in the form of globally defined features and functions,
12 CCF member operators and vendors are working with the CDMA Development
13 Group (CDG) Global Handset Requirements for CDMA (GHRC) team. These
14 feature requirements are then mapped to CCF test plans. This GHRC series of
15 documents being developed and released by the operator and device vendor
16 members of the CDG will serve the immediate needs of the CCF.

17 **6.2.7 Test Facility Authorization**

18 The Steering Committee collectively defines the set of requirements a test facility
19 must meet to be considered as a test resource for terminal device certification.
20 Test facility authorization requirements are envisioned to include ISO-17025
21 compliance, which covers test processes and competencies.

22 The CCF will authorize any qualified test facility that satisfies its requirements.
23 The CCF will not limit the number of CCF authorized test facilities. This will be
24 left to market forces.

25 **6.3 Mandates**

26 The Chairperson of the Board shall alternate annually between, an Operator Directors and
27 a Vendor Director, unless agreed to otherwise by dual majority vote of active members.
28 See corporate bylaws for definition of dual majority vote and active members.

29 The Vice-Chairperson of the Board also shall alternate annually between a Vendor
30 Director (in years in which the Chairperson is an Operator Director) and an Operator
31 Director (in alternate years) , unless agreed to otherwise by dual majority vote of active
32 members. See corporate bylaws for definition of dual majority vote and active members.

33 The Chairperson and Vice-chairperson of the Board shall serve as the Chairperson and
34 Vice-chairperson of the Steering Committee.

35 **6.4 Guidelines**

36 The Chair and Vice Chair of the Steering Committee or Working Groups may allow
37 guests to attend meetings on an occasional basis. Guests will not be granted access to
38 any information outside the meeting documents, nor will they have access to the
39 members' only section of the CCF web site.

1 **7 Working Groups**

2 The Steering Committee is responsible for establishing working groups as required to
3 fulfill the mission of the CCF. The two working groups established to date include the
4 Technical Group and the Certification Group to define test plans and test processes,
5 respectively. Each working group is authorized to create sub-working and ad hoc groups
6 as required to accomplish their objectives and deliverables.

7 **7.1 Technical Group**

8 The Technical Group is the engineering arm of the CCF and is composed of
9 CDMA test domain experts from organizations involved in the CDMA industry at
10 large. It defines the technical requirements that will be executed during the
11 certification process in the form of test cases. The charter of the Technical Group
12 shall be further developed by the Members of the Technical Group in consultation
13 with the Steering Committee from time to time. The Technical Group shall make
14 decisions by consensus of all Members participating in Technical Group matters.
15 If the Technical Group cannot reach decision on any matter, such matter shall be
16 referred to the Steering Committee for a decision.

17 **7.1.1 Roles and Responsibilities**

18 The Technical Group is responsible for:

- 19 ▪ developing, validating, releasing, evolving, and maintaining lab and field
20 test plans based on industry standard test cases,
- 21 ▪ requesting international standards bodies to clarify existing specifications
22 or develop test cases required to support the certification process,
- 23 ▪ identifying subject matter experts to support assessment of test facilities,
- 24 ▪ working with test equipment vendors to prioritize and expand test case
25 coverage, including automation,
- 26 ▪ providing ongoing technical support to operators, vendors, and test
27 facilities conducting certification testing, and
- 28 ▪ providing technical guidance to the CCF to readily enable adoption and
29 implementation of evolving CDMA-based technologies.

30 **7.1.2 Deliverables**

31 Technical Group early deliverables include test plans, validation reports, test
32 facility assessments, technology road maps, and application layer test strategy.

33 **7.1.2.1 Test Plans**

34 The Technical Group is responsible for developing, publishing, and maintaining a
35 family of laboratory and field test plans by which CDMA devices are certified.
36 These test plans are mapped directly from each of the GHRC requirements
37 documents to provide a clear test solution for each of the features and functions
38 defined by the GHRC.

1 7.1.2.2 Validation and Reports

2 The Technical Group is responsible for the ongoing validation of test platforms
3 and test plans and provides the results of these activities in the form of validation
4 reports. These reports are objective statements of fact regarding the observed
5 behavior of test solutions based on empirical evaluation of its performance. A
6 given test solution or test plan is not recognized by the CCF unless or until the
7 appropriate validation report has been released in accordance with the document
8 control processes.

9 7.1.2.3 Test Facility Assessment

10 The CCF will look to the Technical Group to provide the subject matter expertise
11 required for the test facility authorization process. This test facility authorization
12 process is envisioned to include as a minimum evaluation of the competence of
13 the test facility in CDMA technologies and verification of test platform setup,
14 calibration, and operation.

15 While defining and implementing the competency requirements is the
16 responsibility of the Certification Group, the Technical Group must provide for
17 the engineering resources required to help establish the competency criteria and
18 verify the competencies are satisfied.

19 7.1.2.4 Technology Road Maps

20 A key element of the ongoing success of the CCF is to continually evolve the test
21 plans and certification processes as CDMA technology evolves over time. To this
22 end the Technical Group is responsible for publishing and maintaining a
23 technology road map that provides direction and focus for the CCF from a
24 technical perspective. This agreed upon technology roadmap also provides a
25 common industry voice to help the test equipment providers prioritize their
26 development efforts.

27 7.1.2.5 Standards Contributions

28 As stated in the introduction section of this document, the CCF does not maintain
29 test cases. However, in an effort to provide the most comprehensive test plans, the
30 CCF may identify gaps in the coverage of industry test specifications. When this
31 occurs, a request to develop additional test cases will be sent to the appropriate
32 international standards group for incorporation into the appropriate standard.

33

1 **7.2 Certification Group**

2 The Certification Group defines and maintains global core certification test
3 processes based upon test plans created by the Technical Group to ensure terminal
4 conformance to feature and function requirements as set forth by the CDG GHRC
5 team. The charter of the Certification Group shall be further developed from time
6 to time by the members of the Certification Group in consultation with the
7 Steering Committee. The Certification Group shall make decisions by consensus
8 of all Members participating in Certification Group matters. If the Certification
9 Group cannot reach decision on any matter, such matter shall be referred to the
10 Steering Committee for a decision.

11 **7.2.1 Roles and Responsibilities**

12 Initial roles and responsibilities for the Certification Group will focus on ensuring
13 all the technical, business, and legal processes are in place to support the
14 certification process. These include:

- 15 ▪ publishing and maintaining certification process documents,
- 16 ▪ establishing and maintaining a database for tracking CCF certified
17 products,
- 18 ▪ identifying accreditation bodies in each market (e.g., A2LA, CNAL) and
19 establishing additional CCF requirements for them to accredit test
20 facilities in their markets,
- 21 ▪ orchestrating the authorization of test facilities,
- 22 ▪ Identifying and ensuring that the CCF is not in conflict with local
23 regulatory requirements (i.e. proper legal mechanisms in place, clear
24 separation between CCF and local regulatory requirements, liability issues
25 resolved),
- 26 ▪ granting of the “certification seal”, and
- 27 ▪ defining and convening as necessary a council to resolve disputes over
28 certification.

29 **7.2.2 Deliverables**

30 The Certification Group will develop and release platform validation, test facility
31 authorization, and device certification processes, as well as subject matter expert
32 qualification criteria.

33 **7.2.2.1 Test Platform Validation Process**

34 The Certification Group is responsible for developing, publishing, and
35 maintaining a process by which test platforms are validated to support the CCF
36 certification process. By way of example, this validation process shall include
37 definition of a validation organization, identification of eligible test cases for
38 validation, procedures for validating test cases, processes for corrective action,
39 and a mechanism for downgrading test cases.

1 **7.2.2.2 Test Facility Authorization Process**

2 The Certification Group is responsible for developing, publishing, and
3 maintaining a process by which the CCF authorizes CCF Authorized Test
4 Facilities (ATF). The development of this process is based on ISO-17025 and
5 includes minimum competence requirements and an objective methodology for
6 developing or evaluating that competence. Auditing procedures are an essential
7 element of test facility authorization to ensure test facilities maintain their level of
8 qualification as technologies and test coverage evolve, as well as ensuring
9 consistent results across authorized test facilities.

10 The process relies heavily on accreditation bodies recognized by the International
11 Laboratory Accreditation Cooperation ([ILAC](#)), and specific inherent knowledge
12 accumulated by individuals with hands-on testing experience to help ensure
13 consistency in the authorization process.

14 **7.2.2.3 Device Certification Process**

15 The Certification Group is responsible for developing, publishing, and
16 maintaining a process by which the CCF certifies that CDMA devices
17 successfully pass the test plan. The CCF Terminal Device Certification Process is
18 comprised of two separate stages: CCF-L (Lab Test) and CCF-F (Field Test). A
19 Terminal Device must successfully complete both of these stages in order to be
20 certified. These two stages are independent from each other and may be run in
21 parallel. The complete terminal device certification process is documented in the
22 Certification Process Guide Document.

23 **7.2.2.4 Subject Matter Experts**

24 The Certification Group is responsible for developing, publishing, and
25 maintaining a process by which a subject matter expert is recognized by the CCF
26 to represent the engineering interests of the CCF during test facility
27 authorizations. Such a specification may include exhaustive written and oral
28 evaluations and perhaps a brief apprenticeship program. There are currently no
29 specific standards to guide this effort. Objective evaluation criteria must be
30 established, which could include experience in relevant technologies,
31 understanding of relevant industry standards and test specifications, and
32 understanding of the CCF certification process.

33 **7.2.3 Evolution**

34 The Certification Group is responsible for developing, publishing, and
35 maintaining a process by which the CCF certification program continues to
36 evolve to support new CDMA-based technologies.

1 Woven into the very fabric of the certification process must be the concept that
2 the process must continually evolve. The level at which operators and vendors
3 differentiate their services and products in the market place continues to increase.
4 As the functional layer at which operators and vendors differentiate their services
5 and product expands, lower layer test cases and processes become more
6 commoditized. The CCF Certification Group will continually work to incorporate
7 these commoditized test cases into the certification test process. In the same vein,
8 test cases that no longer yield meaningful test data should be removed from the
9 test plan and test process. The certification test process should also provide
10 guidance and motivate test facilities and test equipment providers to evolve their
11 commercial test solutions.

12 **7.2.4 Administration**

13 The overall process by which the certification of terminal devices is executed is a
14 primary contribution of the Certification Group. Two key elements are the
15 database used to track devices going through the certification process, and an
16 objective set of policies and procedures necessary to ensure objectivity and
17 fairness to all participants in the certification program.

18 A fundamental operating principle of the CCF is to establish and maintain a
19 certification test methodology that ensures proper execution of test cases as well
20 as uniformity of test results across all authorized test facilities. However, it is
21 expected that some discrepancies will occur between vendor test results and
22 certification test results, or even certification test results between two test
23 facilities. Therefore, the Certification Group would define procedures by which
24 disputes between participating members can be resolved.

25 **7.3 Procedural Items**

26 The Technical and Certification Groups are left largely to their own devices but
27 there are a few procedural items the Steering Committee wishes to implement.

28 **7.3.1 Minutes**

29 Formal meeting minutes per Robert's Rules of Order are not required of the
30 working groups. However, publication of key decisions and discussions during
31 face-to-face meetings or teleconferences must be maintained in order to fairly
32 capture and communicate material items that may impact the operation of other
33 working groups or the Steering Committee. The working groups should endeavor
34 to publish such minutes within 48 hours of the conclusion of the subject meeting.

35 **8 Liaison Roles**

36 It is important to the efficient operation of the CCF to establish and maintain liaison with
37 other industry organizations that support or benefit the CCF. Liaisons will help to ensure
38 the two-way flow of information that will allow the CCF and any of the other
39 organizations to benefit from one another's work and avoid duplication of effort. The
40 CCF maintains liaisons with the regional certification bodies, GHRC, 3GPP2, STT, and
41 GCF.

1 **8.1 Regional Certification Bodies**

2 Regional certification bodies are those organizations within specific markets
3 already providing certification of CDMA devices. They include CATR of China,
4 CTIA of the United States, ICC of Russia, and TTA of Korea. It is the objective
5 of the CCF liaison to understand and effectively communicate the needs of the
6 regional certification bodies to help the CCF provide a suitable foundation on top
7 of which the regional certification bodies can more efficiently maintain a market
8 specific certification process.

9 **8.2 GHRC**

10 The CDG Global Handset Requirements for CDMA (GHRC) team creates a set of
11 “standard” CDMA device requirements documents with consistent format,
12 language, references, and definitions. It is the objective of the CCF / GHRC
13 liaisons to understand the feature and function requirements and effectively
14 communicate these to the CCF Technical Group to help ensure development and
15 implementation of test solutions begin at the earliest practical opportunity and
16 properly support the operators utilizing the GHRC documents.

17 **8.3 3GPP2**

18 The 3rd Generation Partnership Project 2 (3GPP2) is a collaborative third
19 generation, telecommunications specifications-setting project that, among other
20 thing, defines and maintains test cases used to verify device compliance to
21 international standards. It is the objective of the CCF/3GPP2 liaison to ensure the
22 3GPP2 family of test specifications is sufficient to support the CCF certification
23 test process. Furthermore, it plans to manage the development of and champion
24 the contribution to the appropriate 3GPP2 working group as required to create
25 new test cases in support of the CCF test objectives.

26 **8.4 STT**

27 The CDG System Test Team (STT) is involved in activities to provide an
28 effective process for verifying interoperability and performance of cdmaOne™
29 and CDMA2000 systems. It is the objective of the CCF/STT liaison is to maintain
30 first-hand knowledge of the developments of both the CCF and STT to ensure
31 both teams focus on complementary needs of the industry and converge on a test
32 solution that supports global and regional markets.

33 **8.5 GCF**

34 The Global Certification Forum (GCF) is a partnership between
35 GSM/GPRS/EDGE/UMTS network operators and terminal manufacturers that
36 provides an independent program to ensure global interoperability of 2G and 3G
37 mobile wireless terminals. It is the objective of the CCF/GCF liaison to remain
38 current with respect to the activities of the GCF to ensure minimum duplication of
39 effort and explore use of common certification solutions wherever practical.

1 **9 Funding**

2 Key to the success of the CCF is availability of dedicated resources to realize the forum's
3 objective of providing a certification process to the industry that is current with mature
4 technologies being commercialized on the market today. While many of these resources
5 are being provided in the form of in-kind contribution of personnel, it is essential that
6 some contributions be provided to the forum in the form of cash or capital contributions.
7 Such contributions may include cash, facilities, test equipment or seconded resources.
8 Various fees and membership contributions are being solicited to help cover the cost of
9 these operational expenses.

10 **9.1 Membership Fees**

11 Industry participants are being assessed a membership fee based on their
12 membership description and their annual CDMA revenues. These fees are
13 delineated in the Membership Application.

14 **9.2 Lab Authorization Fees**

15 Test facilities wishing to become CCF Authorized Test Facilities will be assessed
16 an authorization fee to cover the cost of granting and maintaining authorization
17 status. These fees are further delineated in the Testing Authorization Agreement.

18 **9.3 Certification Fees**

19 Device manufacturers wishing to have their devices CCF Certified will be
20 assessed a certification fee to help recover the cost of creating and maintaining the
21 certification program. These fees are delineated in the CCF Certification Process
22 Guide Document.

23 **9.4 Member Contributions**

24 It is anticipated that the above fee structure will be deficient in covering the true
25 operational cost of a successful certification program. Therefore, CCF members
26 and industry participants will be solicited to encourage financial support over and
27 above any membership, test facility authorization, and certification fees.

28 **10 Legal**

29 There are a number of legal agreements that will need to be put in place between the CCF
30 and various member organizations, test facilities, and certification groups. Agreements
31 identified to date include the Test Authorization Agreement, a Member Logo License
32 Agreement, and a CTIA Service Agreement.

33 **10.1 Test Authorization Agreement**

34 The Test Authorization Agreement defines the terms and conditions under which
35 a licensee performs testing for certification compliance including licensee
36 obligation, grant of license, intellectual property rights, licensing fees, and
37 licensing revenues.

1 10.2 Member Logo License

2 The CCF Member Logo License agreement is entered into between the CCF and
3 member companies to allow the limited use of each other's logos. By way of
4 example, this agreement would allow the CCF to identify CCF members on the
5 CCF web site.

6 10.3 CTIA Service Agreement

7 The service agreement between the CCF and the CTIA provides for the CCF to
8 utilize the CTIA's on-line product certification database for administering and
9 tracking the certification of products by the CCF.