

BYLAWS OF THE CA/BROWSER FORUM

Adopted effective as of [Date]

1. CA/BROWSER FORUM – PURPOSE, STATUS, AND ANTITRUST LAWS

1.1 Purpose of the Forum: *[modified from existing Forum website]*

The Certification Authority Browser Forum (CA/Browser Forum) is a voluntary gathering of leading certification authorities (CAs) and vendors of Internet browser software and other applications.

Members of the CA/Browser Forum have worked closely together in defining the guidelines and means of implementation for best practices as a way of providing a heightened security for Internet users and for the online transactions and creating a more intuitive method in which they engage. These initiatives have included guidance on the means of displaying secure sites identifying certificate applicants, confirming that web site owners have authorized certificate issuance, and improved methods of communicating certificate-related security information to Internet users.

1.2 Status of the Forum and Forum Activities

The Forum has no corporate ~~or association~~ status, but is simply a group of CAs and browsers which communicates or meets from time to time to discuss matters of common interest relevant to the Forum's purpose. The Forum has no regulatory or industry powers over its members or others. Other than those rights and responsibilities found in the Forum's Intellectual Property Rights Policy (IPR), Forum "membership" or other participation status does not convey any legal status or rights, but is intended simply as a guide to the levels of participation in Forum activities.

1.3 Intellectual Property Rights Policy; Antitrust Laws and Regulations; Goal; Conduct

Forum Members and Interested Parties must comply with the then-current IPR and all applicable antitrust laws and regulations during their Forum activities.

The historic goal of ~~previous~~ Forum activities (including development of proposed requirements and guidelines and voting on all matters) has been to seek substantial consensus among Forum Members before proceeding or adopting final work product, and this goal will remain for the future. Members shall not use their participation in the Forum either to promote their own products and offerings or to restrict or impede the products and offerings of other Members.

The Chair will read an antitrust compliance statement at the start of all Forum Meetings (and on other occasions, as the Chair deems necessary) in substantially the following form:

“As you know, this meeting includes companies that compete against one another. This meeting is intended to discuss technical standards related to the provision of existing and new types of digital certificates without restricting competition in developing and marketing such certificates. This meeting is not intended to share competitively-sensitive information among competitors, and therefore all participants agree not to discuss or exchange information related to:

- (a) Pricing policies, pricing formulas, prices or other terms of sale;
- (b) Costs, cost structures, profit margins,
- (c) Pending or planned service offerings,
- (d) Customers, business, or marketing plans; or
- (e) The allocation of customers, territories, or products in any way.”

2. FORUM MEMBERSHIP AND VOTING

2.1 Qualifying for Forum Membership *[modified from existing membership rules]*

- (a) CA/Browser Forum members shall meet at least one of the following criteria:
 - (1) Issuing CA: The member organization operates a certification authority that (i) has a current and successful ~~WebTrust for CAs audit, or ETSI 102042 or ETSI 101456~~ audit report prepared by a properly-qualified auditor, and that in accordance with Section 17 of the Baseline Requirements, (ii) actively issues certificates to Web servers that are openly accessible from the Internet using any one of the mainstream browsers, and (iii) has a valid CA certificate that chains to a root certificate embedded as a trust anchor in browser software that is used by more than 1% of all Internet users or more than 1% of all mobile users.
 - (2) Root CA: The member organization operates a certification authority that (i) has a current and successful ~~WebTrust for CAs, or ETSI 102042 or ETSI 101456~~ audit report prepared by a properly-qualified auditor, in accordance with Section 17 of the Baseline Requirements; (ii) has a valid root certificate embedded as a trust anchor in browser software that is used by more than 1% of all Internet users or more than 1% of all mobile users; and that (iii) is not an Issuing CA itself but actively issues certificates to third party subordinate CAs that, in turn, actively issue certificates to Web servers that are openly accessible from the Internet using any one of the mainstream browsers would qualify as Issuing CAs under subsection (1) above.
 - (3) Browser: The member organization produces a software product intended for use by the general public for browsing the Web securely.
- (b) Applicants should supply the following information:
 - (1) Confirmation that the applicant satisfies at least one of the membership criteria (and if it satisfies more than one, indication of the single category under which the

applicant wishes to apply).

- (2) URL of the current qualifying performance audit report- (for CA applicants) or the URL pointing to its current root certificate trust policies (for Browser applicants).
 - (3) The organization name, as you wish it to appear on the Forum Web site and in official Forum documents.
 - (4) URL of the applicant's main Web site.
 - (5) Names and email addresses of employees who will participate in the Forum mail list.
 - (6) Emergency contact information for security issues related to certificate trust.
- (c) Applicants become Members by vote of the existing Forum membership.

2.2 Ballots Among Forum Members *[modified from existing voting rules]*

Ballots will be conducted in accordance with the following rules.

- (a) Only votes by Members shall be accepted.
- (b) Only one vote per Member company shall be accepted; ~~representatives of and if multiple votes from~~ corporate affiliates ~~shall not be received, then only the last~~ vote cast counts.
- (c) A representative of any Member can call for a proposed ballot to be published for review and comment by the membership. Any proposed ballot needs two endorsements by other Members in order to proceed. The review period then shall take place for at least seven calendar-days before votes are cast.
- (d) The CA/Browser Forum shall provide seven calendar-days for voting, with the deadline clearly communicated via the ~~members' electronic mailing list.~~ Member Mail List. All voting ~~will~~ shall take place online via the ~~members' electronic mailing list~~ Member Mail List, or alternatively, a Member may cast its vote on the Public Mail List, in its discretion.
- (e) Only votes that indicate a clear 'yes' or 'no' response to the ballot ~~question~~ shall be considered (i.e. votes to abstain and votes that do not indicate a clear 'yes' or 'no' response are included in the calculation of quorum but will not figure in the calculation of ~~item 6, below~~ the percentage needed to pass or defeat a ballot).
- (f) Members fall into two categories when tabulating ballot results: CAs (~~comprising issuing~~ comprised of Issuing CAs and ~~Root~~ Root CAs, ~~as defined in the membership criteria~~) and ~~product suppliers (as defined in the membership criteria).~~ Browsers. In order for the ~~motion~~ ballot to be adopted by the Forum, two-thirds or more of the votes cast by the Members in the CA category must be in favor of the ~~motion~~ ballot, and ~~at least~~ more than 50% ~~plus one~~ of the votes cast by the ~~m~~ MMembers in the ~~b~~ BBrowser category must be in favor of the ~~motion~~ ballot. At least one CA Member and one ~~b~~ BBrowser Member must vote in favor of a ballot for ~~the ballot~~ it to ~~be adopted~~ pass.

- (g) -A ballot result will be considered valid only when a quorum of more than half of the number of currently active ~~m~~Members has participated. The number of currently active members is the average number of member organizations that have participated in the previous three meetings (both teleconferences and face-to-face meetings).
- (h) The CA/Browser Forum will tabulate and announce the results within one calendar-day of the close of the voting period.

3. OTHER FORUM PARTICIPATION

3.1 Interested Parties

Any person or entity that wishes to participate in the Forum as an Interested Party may do so by completing an enrollment form and Participation Agreement (completed and submitted manually or online) including name, affiliation (optional), and contact information, and by agreeing to the IPR Agreement attached as Exhibit B (indicating agreement by manual signing or a click-through agreement).

Interested Parties may participate in Forum activities in the following ways:

- (a) By becoming involved in Working Groups,
- (b) By posting to the Public Mail List, and
- (c) By participating in those portions of Forum Teleconferences and Forum Meetings to which they are invited by the Forum Chair relating to their areas of special expertise or the subject of their Working Group participation.

Interested Parties are required to comply with the provisions of the Participation Agreement and these Bylaws, including the Civil Discourse rules at See found in Section 6.3. Interested Parties may lose their status as Interested Parties by vote of the Members, in the Members' sole discretion.

3.2 Subject Matter Experts; Invited Guests; and Designated Representatives.

Subject matter experts and designated representatives of standards bodies that are directly involved in standards-setting, auditing, or regulation of public key infrastructures, including but not limited to WebTrust, AICPA/CICA, ETSI, NIST, tScheme, ITU, IETF, ENISA, BSI, American Bar Association, and U.S. Federal PKI, may be invited to participate in Forum teleconferences, meetings, and the Member Mail List, with the right to speak, present proposals, participate in drafting, but without the right to vote. Whether such individuals shall be required to agree to the IPR Agreement attached as Exhibit B will be determined by the Forum on a case-by-case basis.

3.3 Other Parties

The public may follow the Forum's activities by reading all postings on the Public Mail List and the Public Web Site. Questions or comments to the Forum may be sent to Questions Mail List.

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4. OFFICERS AND FINANCES

4.1 Officers

The Forum will elect a Chair and Vice Chair, each to serve for a two-year term. The Chair shall act as the secretariat of the Forum. The Vice Chair has the authority of the Chair in the event of any absence or unavailability of the Chair, and in such circumstances, any duty delegated to the Chair herein may be performed by the Vice Chair. For example, the Vice Chair will preside at Forum Meetings and Forum Teleconferences in the Chair's absence. The offices of Chair and Vice Chair may only be filled by Forum Members.

No person may serve as Chair for more than a two-year period or be elected to Vice Chair upon expiration or termination of the person's service as Chair, but a person is eligible to be elected as Chair again ~~two years~~ after ~~stepping down as~~ having vacated the position as Chair for at least one year.

Upon expiration or early termination of the current Chair's term, the Vice Chair will automatically be nominated to become the next Chair, but Members may nominate themselves or others to be additional candidates as Chair. Upon close of nominations a ballot will be held in the regular manner to elect the new Chair. If the election of a new Chair means the office of Vice Chair becomes vacant, the Members may nominate themselves or other candidates to the office of Vice Chair, and a ballot will be held in the regular manner to elect the new Vice Chair.

The Chair and Vice Chair shall exercise their functions in a fair and neutral manner, allowing all Members equal treatment for their comments and proposals, and shall not favor one side over another in any matter (except that the Chair and Vice Chair may indicate their own position during discussion and voting on the matter). The Chair and Vice Chair shall have no personal liability for any activities of the Forum or its Members or Interested Parties.

The Chair or the Vice Chair may sign Correspondence, Applications, Forms, Letters of Intent, and Memoranda of Understanding relating to ~~joint~~ projects with standards bodies, industry groups, and other third parties, but shall have no personal liability therefor.

4.2 Finances

Because the Forum has no corporate status, it will not maintain funds or banking accounts. The costs of operating Forum websites or mailing lists will be covered by voluntary contribution from Forum Members (who may seek voluntary contributions from other Members to help defray such costs). Forum Members may propose other group activities which they propose to sponsor (e.g., research projects, etc.) which require funding and may seek voluntary contributions from other Members for such activities.

Forum Meetings may be held from time to time upon the voluntary sponsorship of one or more Forum members. The sponsor of a Forum Meeting may suggest a fixed cost per meeting participant as reimbursement to the sponsor to cover (a) the cost of meeting rooms and refreshments, and (b) the cost of any meeting dinner or other group activity. Sponsors will be encouraged to announce any suggested per-participant fixed cost reimbursement amount in advance of the Forum Meeting for participant planning purposes, and will provide a statement or invoice to each participant upon request after the Forum Meeting for submission to the

participant's accounting department. All per-participant reimbursements shall be paid directly to the sponsor.

Interested Parties will not be required to pay anything for their participation in Forum activities, but must cover their own expenses for participation in any Working Group meetings.

5. FORUM ACTIVITIES

5.1 Member Mail List and Member Web Site

The Forum shall maintain a Member Mail List and Member Web Site ~~which that~~ are not accessible by ~~Members only~~ the public. The following matters may be posted to the Member Mail List and Member Web Site:

- (a) Draft minutes of Forum meetings (both virtual and in-person, and including any sub-groups or committees) will be posted to the Member Mail List to allow Members to make sure they are being correctly reported.

Minutes will be considered Final when approved at a subsequent Forum Meeting or Forum Teleconference, or after 2 weeks have elapsed since publication of the draft if no Forum Meeting or Forum Teleconference is imminent. Final minutes will then be posted to the Public Mail List and Public Web Site. The Chair will, upon request, make redactions of any part of the public copy of the minutes identified as private or sensitive by either the information discloser or a member mentioned or affiliated with the subject of the information.

- (b) Messages formally ~~moving a Forum motion and~~ announcing ballots or ballot outcomes, including vote and quorum counts, will be posted to the ~~public list~~ Public Mail List. However, ballots and the listing of final votes by each Member_ will only be posted to the Member Mail List and Member Web Site.
- (c) Nominations for officer positions, Forum Meeting and Forum Teleconference scheduling issues, and discussion of Forum financial issues.
- (d) Security incidents if, in the opinion of the Members, discussion on the Public Mail List could reasonably be detrimental to the implementation of security measures by Members.
- (e) Proposed responses to questions ~~posted sent~~ to the ~~Forum's Public Web Site email inquiry address~~ Questions Mail List.
- (f) Matters which, in the opinion of the Members, require ~~commercial~~ confidentiality.

Members have discretion about which mailing list they use, but are strongly encouraged to use the Public Mail List for matters other than those listed above.

Members are strongly discouraged from posting the text of Member Mail List messages to the Public Mail List without the permission of the author or commenter.

5.2 Public Mail List and Public Web Site *[modified from Ballots 73 and 79]*

The Chair shall appoint a List Manager who shall maintain a Public Mail List. Forum Members and Interested Parties may ~~re~~-post to the Public Mail List in compliance with these Bylaws. Anyone else ~~should be~~ allowed to subscribe to and receive messages posted to the Public Mail List, which may be crawled and indexed by Internet search engines.

The Chair shall appoint a Webmaster. The Webmaster shall post instructions on the Public Web Site for subscribing to the Public Mail List.

The following materials shall be posted to the Public Mail List or Public Web Site:

- (a) Draft and final agendas for Working Group meetings, Forum Meetings and Forum Teleconferences (including any sub-groups or committees).
- (b) Final minutes of Forum Meetings and Forum Teleconferences (including minutes of any sub-groups or committees), and minutes of all Working Group teleconferences and meetings.
- (c) Messages formally proposing a Forum ballot (including ballots to establish, modify, or terminate Working Groups) and announcing ballot outcomes, including vote and quorum counts but not identifying individual votes by name of Member.
- (d) Initial and final drafts of Forum requirements, guidelines, and recommendations after the drafter has had an opportunity to receive and respond to initial Member comments.
- (e) Initial and final drafts of Working Group requirements, guidelines, and recommendations after the drafter has had an opportunity to receive and respond to initial Working Group member comments.

5.3 Working Groups

Members may propose by ballot the appointment of Working Groups open to participation by Members and Interested Parties. The ballot shall outline the scope of the Working Group's activities, including deliverables, any limitations, and Working Group expiration date. Upon approval of the Working Group, the Chair will call for a show of interest in participation by Members, and shall appoint a Working Group Chair from among the interested Members.

Upon creation of a Working Group, the Forum will post an invitation to all Interested Parties to participate, and will solicit others with expertise and interest in the Working Group subject matter to become Interested Parties and participate in the Working Group. With the approval of the Chair, Working Groups may establish separate list-servs for their communications, but all such separate list-servs must be managed in the same fashion as the Public Mail List. Working Groups may meet by teleconference or face-to-face meetings upon approval by the Chair and the Working Group Chair, but the Forum shall not be responsible for the expenses of any such teleconferences or meetings.

Working Groups may draft recommendations to be forwarded to the Forum for its consideration, but no recommendations will be considered the product of the Working Group unless approved

by two-thirds of all Working Group members who vote on the recommendations. All substantial initial and final drafts of the Working Group product will be posted on the Public Mail List.

The Forum shall review the final recommendations from a Working Groups and may approve and implement some or all of the recommendations as appropriate in the Forum's judgment following the Forum's regular voting rules. The Forum shall retain the right to amend a Working Group recommendation before approval, but in most cases should first return the proposed amended recommendation to the Working Group for its review and response before voting.

The Forum shall not be required to submit any matter to a Working Group, but may itself draft requirements and guidelines without a Working Group in its discretion.

5.4 Forum Teleconferences and Forum Meetings

From time to time the Forum will hold Forum Teleconferences and Forum Meetings among the Members, who may participate in person or (where feasible) by teleconference. Interested Parties and others may be invited by the Chair, in the Chair's discretion, to participate in those portions of Forum Teleconferences and Forum Meetings that are relevant to their expertise or their participation in Working Groups.

5.5 IPR policies

As a requirement for membership, Members must execute and return to the Chair the IPR Agreement attached as Exhibit A.

As a requirement for participation as an Interested Party, Interested Parties must execute and return to the Chair (or indicate their agreement by clicking through an online agreement) the IPR Agreement attached as Exhibit B.

5.6 Project Lifecycle *[modified from ~~Motion~~Ballot 66]*

In general, Forum projects will follow the model Project Lifecycle attached as Exhibit C. However, the Members may modify this model as appropriate by their subsequent actions.

6. MISCELLANEOUS

6.1 Posting and Amendment of the Bylaws

The current Bylaws shall be posted to the Public Web Site. These Bylaws may be amended by subsequent ballot of the Members.

6.2 Procedure for Dealing with Questions and Comments *[modified from existing rules]*

The Forum procedure for dealing with questions and comments ~~posted~~sent to the ~~Forum's Public Web Site email inquiry address~~Questions Mail List shall be as follows. The Chair shall appoint a Questions List Coordinator. The responsibilities of the Questions List Coordinator are:

- (a) If practical, within 24 hours send an acknowledgment to the questioner indicating that the question or comment has been received and that a response will be provided as soon as is practical.
- (b) Coordinate discussion using the Member Mail List until consensus has been achieved.
- (c) Post the proposed response to the Member Mail List indicating that Members have 24 hours to object.
- (d) If no objections are received before the deadline expires, then send the response to the questioner.
- (e) If consensus cannot be achieved, or one or more objections are received, then the matter should be dealt with in the next Forum Meeting or Forum Teleconference.

6.3 Civil Discourse *[modified from existing rules]*

Members and Interested Parties shall be required to observe the following rules on civil discourse.

- (a) Members, to an extent, attribute the Forum's success ~~this far~~ and reputation to the constructive character of its discussions. They observe the character of some of the discussions on similar mail lists and conclude that sarcasm and ad hominem attacks impede progress by discouraging the sharing of ideas and encouraging the entrenchment of positions. For these reasons, the Members want to take active steps to avoid these behaviors in ~~its~~ the Forum's own communications and in communications with Interested Parties.
- (b) It is recognized that it will be difficult to find the right balance between the need for free expression of ideas and the desire to conduct discussions with civility. Nevertheless, the Members ~~want to~~ seek that balance.
- (c) Members have instructed the eChair to monitor the character of Forum discussions on mail lists and during in-person meetings and to admonish those who conduct themselves in a way that ~~works~~ is not civil or that may work against this goal.
- (d) Without exception, Forum Members are world-class experts in some aspects of the Forum's work. But, none are completely informed in all aspects of the Forum's work. It is to be expected that (from time to time) statements will be made that are either incompletely informed or only hold in a limited (but unstated) context. Intellectual impairment and bad faith do not provide a plausible explanation. In such cases, a response should make a good faith attempt to uncover the source of the misunderstanding.
- (e) Whenever a response by a Member or Interested Party clearly deviates from this objective, the Chair is instructed to publicly remind the contributor of the Forum's attitude in this regard.

DEFINITIONS

Forum Meetings: Face-to-face meetings of Members as scheduled from time to time.

Forum Teleconferences: Teleconference meetings of Members as scheduled from time to time.

Member: A Member of the Forum or a representative of the Member (depending on context).

Member Mail List: The email list-serv maintained by the Forum for communications by and among Forum Members. The Member Mail List is not available to Interested Parties or Other Parties.

Member Web Site: The password-protected web site available only to Members (currently called the CA/Browser Forum Wiki).

Participation Agreement: An agreement that individuals or entities must agree to in order to participate in the Forum as Interested Parties. The current form of Participation Agreement is attached as Exhibit D.

Public Mail List: The public email list-serv at cabfpub@cabforum.org maintained by the Forum for communications by and among Members and Interested Parties. The Public Mail List may be read by Other Parties, but Other Parties may not post to the Public Mail List.

Public Web Site: The web site available only to Members, Interested Parties, and Other Parties (currently located at cabforum.org). A Forum Member will be appointed as Webmaster and will control all postings to the Public Web Site.

Questions Mail List: The email list-serv maintained by the Forum for communications from the public to the Forum.

Exhibit A

[Insert Member IPR Agreement here]

Exhibit B

[Insert Interested Party IPR Agreement here]

Exhibit C - Project Lifecycle

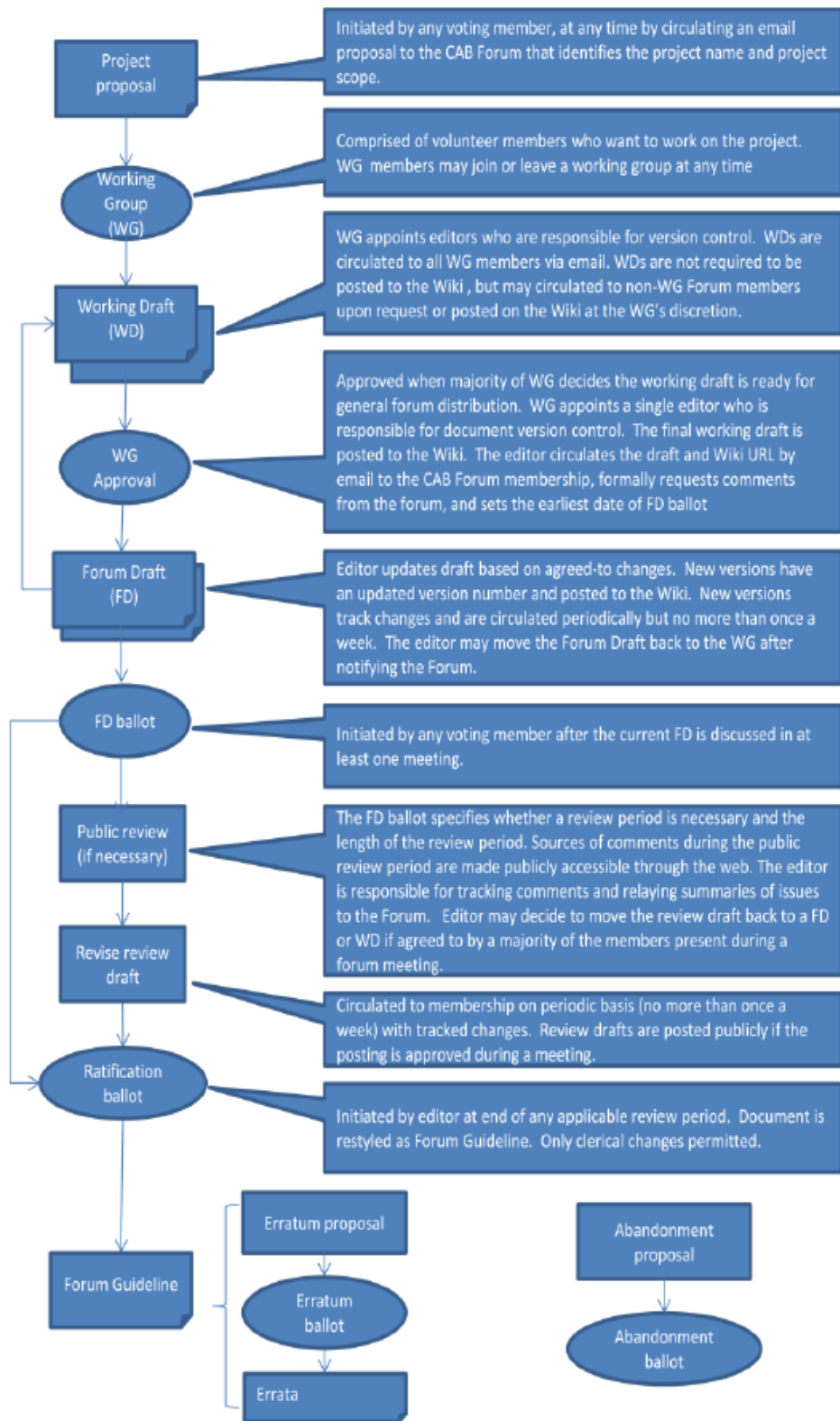


Exhibit D – Interested Parties Participation Agreement

[Insert Agreement here]

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