

IEEE 802 JTC1 Standing Committee

Proposal for SC6 contribution process

20 March 2013

Authors:

Name	Company	Phone	email
Jodi Haasz	IEEE		j.haasz@ieee.org
Bruce Kraemer	Marvell		bkraemer@marvell.com

Proposal for SC 6 contributions to IEEE 802.1, 802.3 & 802.11 revision processes

Bruce Kraemer

IEEE 802 Liaison Officer to SC6

SC6 & IEEE 802 decided in Sept 2012 to expand the scope of their relationship

- SC6 and IEEE 802 have been exchanging information for more than 20 years, and IEEE 802 have submitted some of its standards for ratification by ISO/IEC/JTC1
- During the SC6 meeting held in Sep 2012, IEEE 802 outlined a plan to expand the range of 802 standards being submitted to SC6.
- SC6 subsequently:
 - Decided to allocate conditional responsibility for all ISO/IEC/IEEE 8802 revision processes to the relevant IEEE 802 WG's
 - Invited IEEE 802 to participate in an ongoing exchange on items of mutual interest
- This presentation documents IEEE 802's proposal:
 - In response to the SC6 invitation for an ongoing exchange on items of mutual interest
 - To satisfy the conditions enabling IEEE 802 to take responsibility for the ISO/IEC/IEEE 8802 revision process

SC6 invited IEEE 802 to participate in an ongoing exchange on items of mutual interest

- During the September 2012 SC6 meeting SC6 invited IEEE 802 to expand the ongoing exchange of information to include new work items
- Resolution (Res 6.1.12 - Information exchange between IEEE 802 & SC6) is as follows
 - *SC 6 invites the IEEE 802 WG's to exchange information about new work items that are within the scope of SC 6 & the respective IEEE 802 WG for information & potential coordination.*

SC6 allocated conditional responsibility for 8802 revision processes to IEEE 802 WG's

- In Sept 2012, ISO/IEC JTC1/SC6 agreed to allocate responsibility for ISO/IEC/IEEE 8802-11 revision process to the IEEE 802.11 WG
- The resolution (Res 6.1.9 - Responsibility for 8802-11 revisions) is as follows
 - *As empowered by clause A1.2.1 of the PSDO agreement between ISO & IEEE, SC 6 decides to allocate responsibility for the revision process of the ISO/IEC 8802-11 standard to the IEEE 802.11 Working Group while the IEEE 802.11 WG has an ongoing revision process for the IEEE 802.11 standard. A condition of this resolution is that SC 6 & its NBs have access to an established mechanism to contribute to the revision process in the IEEE 802.11 WG.*
- The second part of the resolution makes it conditional on a mechanism being agreed that allows SC6 NBs to contribute to the revision process in the IEEE 802.11 WG
- Similar resolutions were agreed by SC6 with respect to any future ratified ISO/IEC/IEEE 8802-1 or ISO/IEC/IEEE 8802-3 standards

IEEE 802 is now proposing mechanisms for exchange with & contribution by SC6 NBs

SC6 request	IEEE 802 proposed solution
<p>SC6 has invited IEEE 802 to participate in an ongoing exchange on items of mutual interest</p>	<ul style="list-style-type: none">• Enable the exchange of information using regular status reports from IEEE 802• Encourage SC6 NBs to use the extensive information about 802 activities that is already publicly available
<p>SC6 has assigned responsibility for ISO/IEC/IEEE 8802 revision processes to IEEE 802 WG's conditional on a mechanism being established allowing SC6 NBs to contribute</p>	<ul style="list-style-type: none">• Allow SC6 NBs to comment on 802 drafts or standards at any time• Resolve all SC6 NB comments in good faith as soon as possible• Notify SC6 NB delegates that they may participate in IEEE 802 revision processes directly

IEEE 802 proposes enabling information exchange using regular status reports

- IEEE 802 will provide a report after every 802 Plenary meeting
 - Held in March, July, November
- The report is planned to include the following information related to IEEE 802 activities:
 - A list of published standards
 - A list of projects under development, including:
 - Project approval date
 - Project expiration date
 - Expected date of IEEE Sponsor Ballot
 - Expected date of submission of the draft to the IEEE Standards Board for final approval
 - A list of approved Study Groups
 - Represents potential future projects under consideration
- An example of a possible report format is embedded
- The report will be submitted to SC6 by the IEEE 802 Liaison Officer for SC6 on behalf of the IEEE 802 Chair



802 project
database - March 20

IEEE 802 encourages SC6 NBs to use the extensive public information about its activities

- Most information about IEEE 802 WG activities is available on publicly accessible websites
- In particular, information about IEEE 802.1, 802.3 & 802.11 WG activities can be found on the following websites:
 - IEEE 802.1 - <http://grouper.ieee.org/groups/802/1/>
 - IEEE 802.3 - <http://grouper.ieee.org/groups/802/3/>
 - IEEE 802.11 - <http://grouper.ieee.org/groups/802/11/>
- SC6 NB delegates may access information about all IEEE 802 WG activities by:
 - Navigating through these websites at any time
 - Joining the associated email reflectors (read-only access)
 - Attending WG meetings (registration fee required)
- IEEE 802 will liaise to SC6 drafts of standards that we are planning to later submit to ISO/IEC for ratification under the PSDO agreement

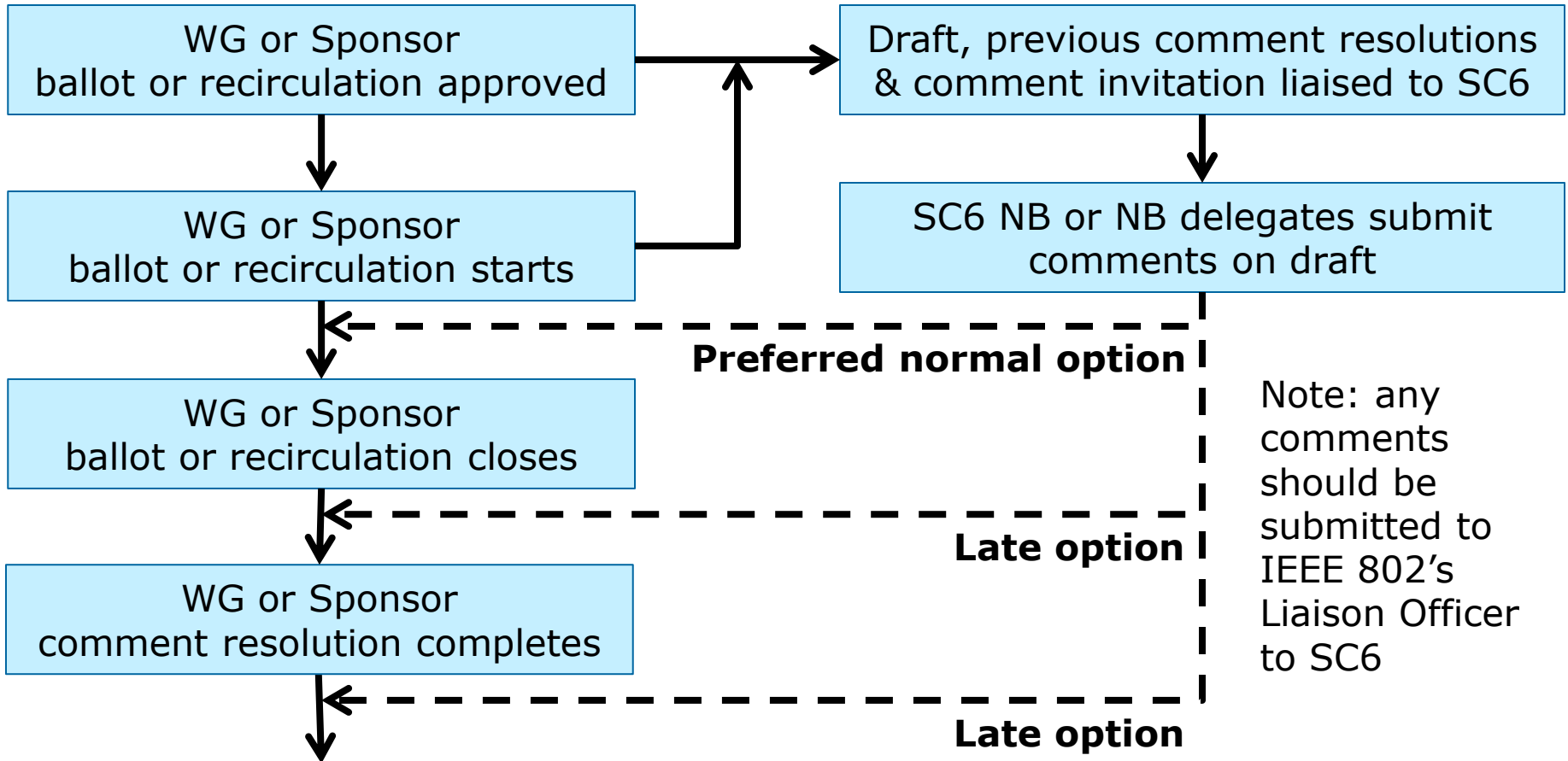
IEEE 802 proposes allowing SC6 NBs to comment on IEEE 802 drafts or standards

- A condition of resolutions 6.1.9 through 6.1.11 from the JTC 1/SC 6 Graz meetings is that SC 6 & its NBs have access to an established mechanism to contribute to the applicable revision processes
- This condition is partially satisfied by making information about IEEE 802 activities easily accessible to SC6 NBs
- In addition IEEE 802 proposes that:
 - Drafts of standards or amendments that are planned to be submitted to ISO/IEC for ratification under the PSDO be regularly liaised to SC6 in parallel to Working Group Letter Ballots and/or Sponsor Ballots
 - All drafts liaised to SC6 will be accompanied by completed comment resolutions for comments from SC6 NBs on previous drafts
 - SC6 NBs & SC6 NB delegates are invited to comment on these drafts, with the comments resolved in the same way as all other comments received on a draft

IEEE 802 will allow SC6 NB & delegates to comment on drafts later than normal

Normal IEEE 802 process

New SC6 NB related process



IEEE 802 WGs will resolve SC6 NB comments as soon as possible, even if they are provided late

- IEEE 802 recognises that SC6 NBs & their delegates will often not be able to satisfy normal IEEE 802 WG deadlines for comments to ballots
- IEEE 802 propose solving his problem by processing all comments from SC6 NBs & delegates in good faith as soon as possible
- In the extreme case, this may mean comments are processed during maintenance procedures after ratification of an IEEE 802 standard

Normal option	Late option
An SC6 NB or a SC6 NB delegate submits comments before a ballot or recirculation ballot closes	An SC6 NB or a SC6 NB submits comments after a ballot or recirculation ballot closes
Comments will be processed normally along with all other comments received during the ballot or recirculation ballot	Comments will be processed as soon as possible, either during: <ul style="list-style-type: none">• Comment resolution on any subsequent draft• Normal maintenance if balloting on the standard has completed

SC6 NB delegates may participate in IEEE 802 revision processes more directly

- It is not proposed under these procedures that SC6 NBs or their delegates have voting rights in any IEEE 802 ballots
- However, it should be noted that voting rights are mostly irrelevant in practice because IEEE 802 WGs all operate on a consensus basis
- In particular, all substantive comments from any source are always processed & responded to with a substantive response
- If individual voting rights are desired then an SC6 NB delegate must obtain them by joining a WG or Sponsor ballot pool:
 - For WG ballots, a voting member of the relevant IEEE 802 WG at the time a first draft is balloted automatically becomes a member of the IEEE 802 WG ballot pool
 - For Sponsor ballots, anyone may join a Sponsor ballot pool by responding to a call to join the pool, and by either being a member of IEEE Standards Association or by paying an appropriate fee
- SC6 NB delegates may also participate in discussions on a draft by attending IEEE 802 meetings while paying any meeting fees & travel expenses