

IEEE P802.17

Maintenance And Interpretation Processes Proposal

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Changes, Errata, Interpretations

- Maintenance requests are used to change a standard to correct technical errors in that standard
- Errata requests (handled via the maintenance request process) are used to change the text of a published standard to correct publishing errors that result in that published standard being different from the approved standard
- Interpretation requests are used to clarify the intent of the standard
 - They do not result in an alteration to the original standard
 - They may not be used to obtain consulting information

Errata*

- A maintenance request that is determined to be “an editorial error [...] that represents a deviation from the standard as approved by the IEEE-SA Standards Board and that could result in misinterpretation of the standard”.
 - For example, the publishing process corrupts special symbols
 - Or, the IEEE-SA editor replaces a word with a word that would be more appropriate in English, not realizing that the word being replaced has special meaning in the standard
- No WG or sponsor vote taken
- IEEE-SA publishes errata as they are received, at <http://standards.ieee.org/reading/ieee/updates/errata/index.html>

* See <http://standards.ieee.org/guides/opman/sect8.html#8.1.1>

Based On 802 WG Processes

- Largely cribbed from 802.3's* and 802.16's maintenance and interpretation processes
 - Assured compliance with IEEE-SA's and LMSC's maintenance and interpretation processes rules and general task group rules
 - Take advantage of well refined processes
 - Familiar for those who have worked in these WGs

* Many thanks to David Law for his thorough documentation, well running processes, and patience in dealing with all my questions

Maintenance Task Group (MTG)

- Operate as a standing (permanent) task group
 - 802.17 Maintenance Task Group Chair appointed by the 802.17 Working Group Chair*
- MTG membership open to all of WG membership
- MTG meets
 - at all WG plenary meetings
 - when there are open maintenance requests
 - at interim WG meetings and MTG ad hoc meetings
 - if authorized by the WG
- MTG decisions ratified by the WG

* See <http://www.ieee802.org/policies-and-procedures.pdf>, 7.2.2.4.d

Responsibilities Of WG Chair

- Appoint Maintenance Task Group Chair
- Run ballots on maintenance requests
- Submit errata to SA for inclusion in errata sheet
- Submit maintenance changes to SA as part of sponsor ballots

Responsibilities Of Submitter

- Submit clearly explained problem and detailed proposal for remedying the problem
- Clarify the problem and/or proposed remedy as requested by the chair of the MTG
- May withdraw maintenance request at any time before it is accepted by the MTG

Responsibilities Of MTG Chair

- Maintain database of maintenance requests
- Assign maintenance request numbers to submitted requests
- May work with submitters to make sure requests are valid requests for maintenance and have sufficient explanation to be ready for the MTG
- Run MTG meetings
 - Limit MTG to approved scope of MTG
 - See <http://www.ieee802.org/policies-and-procedures.pdf>, 7.2.4.1
- Present MTG opening and closing reports to WG
- Act as spokesperson for the MTG

Responsibilities Of MTG

- Evaluate maintenance requests to determine
 - Not a problem
 - Beyond scope of maintenance request
 - Erratum
 - Technical change required
- Work with technical experts to determine best remedy
 - The Maintenance Task Group is responsible for developing the final technical changes that are proposed to the WG
- Decide when a remedy is ready for submission to the WG

Responsibilities Of WG

- Ratify Maintenance Task Group decisions
 - Done at the time the maintenance changes are to be incorporated into a draft change to the standard
 - May be ratified in whole or by individual vote
 - Same process as used for results of comment resolution groups
 - Maintenance responses are balloted by the WG and by the sponsor at the time that the standard is next changed as part of the entire document approval process

Maintenance Request Scope

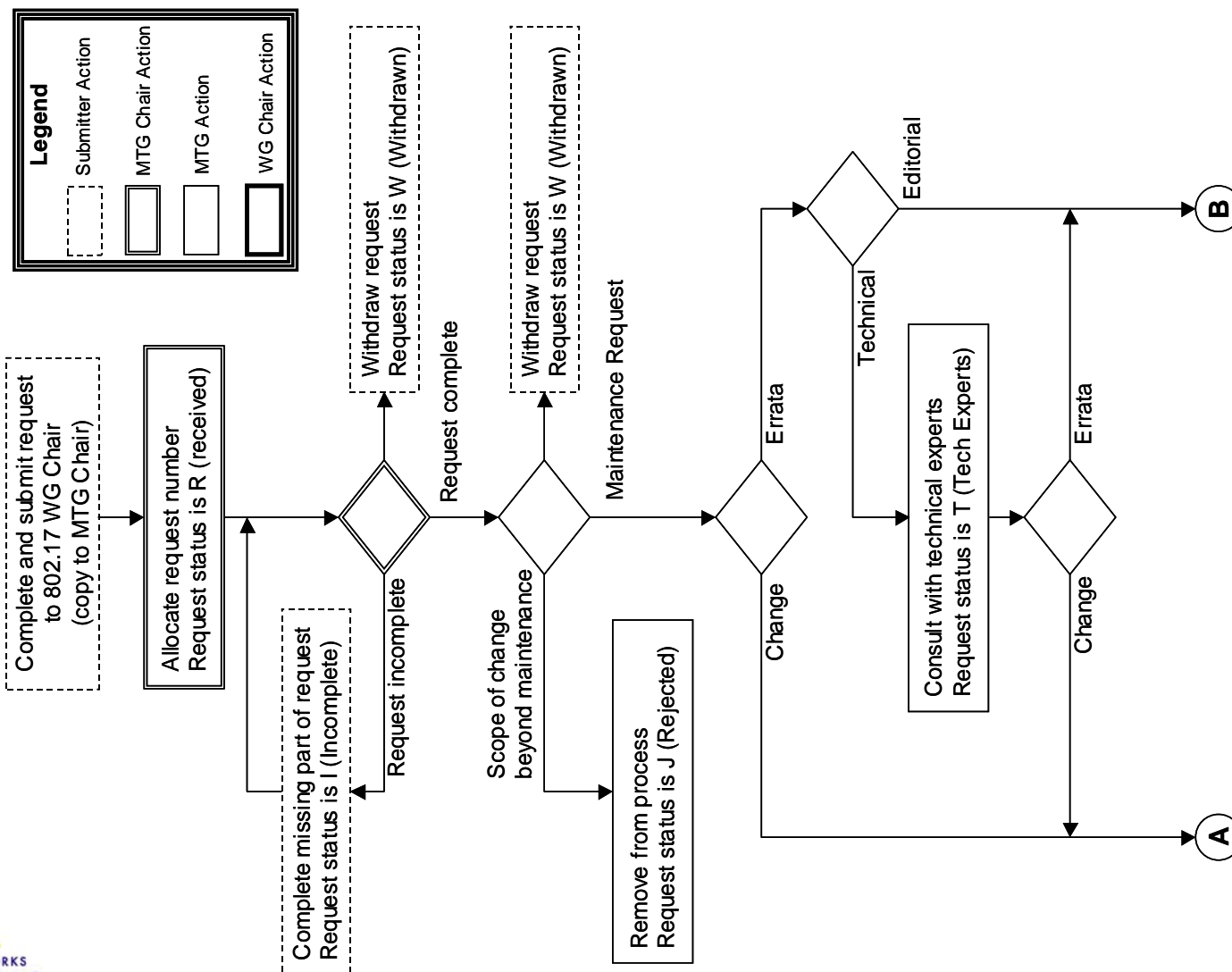
- Not purely editorial
- Limited to published standards
- Limited to one specific issue in the standard
- Corrects a technical error in the standard
- Leads to a change of the text of the standard
- Not an enhancement
- Not a duplicate of a previous request

Process Diagram

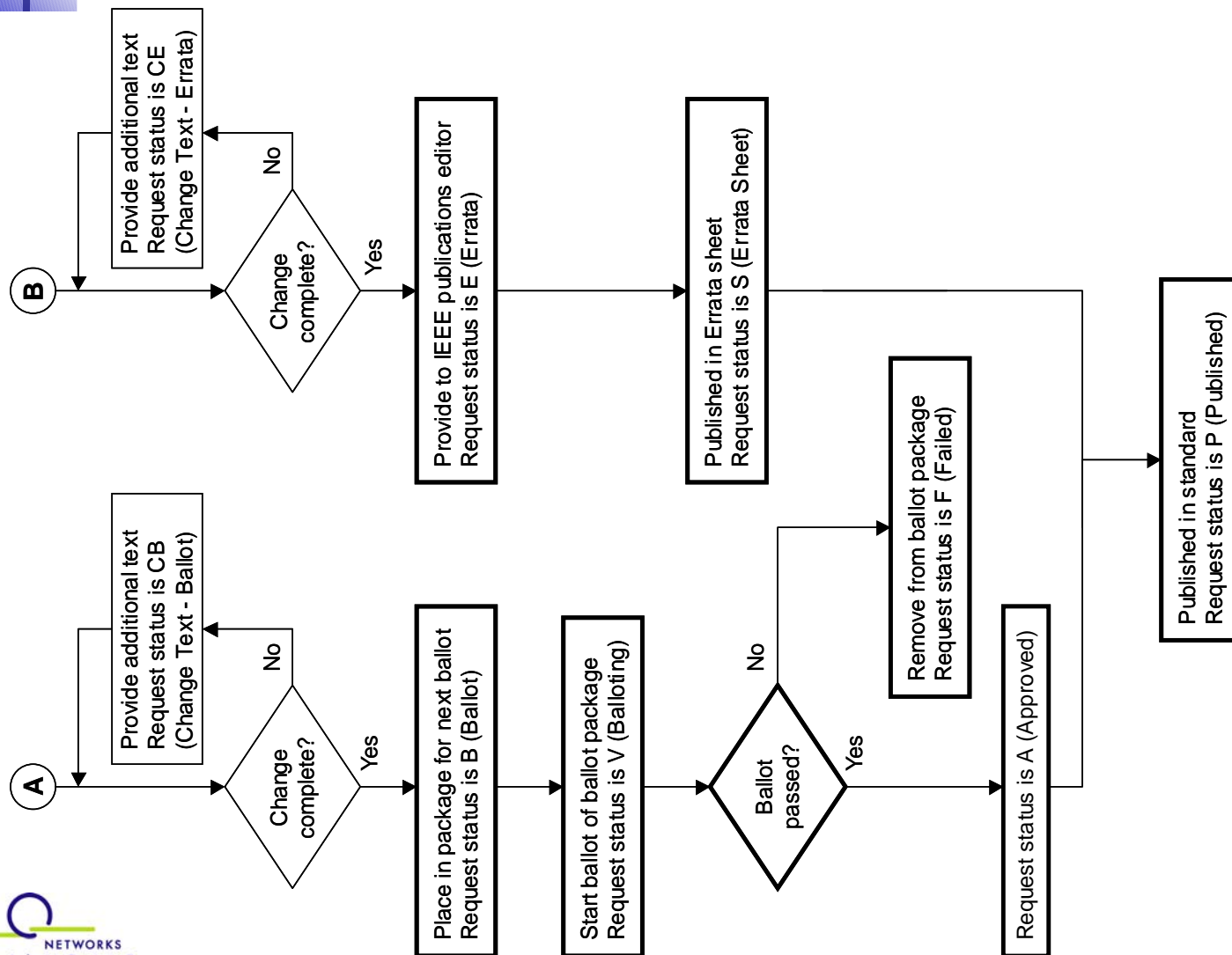
- Full size flow chart diagram located at http://www.ieee802.org/17/maintenance/maint_diag_01.pdf

Process Diagram Part 1

IEEE 802.17 Maintenance Process



Process Diagram Part 2



Status Information Abbreviations

Symbol	Status
A	Approved in ballot
B	Awaiting ballot
CB	Awaiting additional change text – Ballot
CE	Awaiting additional change text – Errata
E	Errata, ballot not required
F	Failed in ballot
I	Incomplete
J	Rejected
P	Published in standard
R	Request received
S	Published in errata sheet
T	Awaiting technical experts
V	Balloting
W	Withdrawn

Maintenance Request Form

- Microsoft Excel form
- Obtain from
http://www.ieee802.org/17/maintenance/maint_form_01.xls
- Fill in, see example in
http://www.ieee802.org/17/maintenance/maint_form_ex_01.xls
- Email to the WG chair,
with a copy to the TG chair

Maintenance Request Database

- Maintained by the Maintenance Task Group Chair
- Published in HTML format as subpages of <http://www.ieee802.org/17/maintenance/>

Changes To The Standard*

- Revision
 - A document that updates or replaces an existing IEEE standard in its entirety.
- Amendment
 - A document that has to contain new material to an existing IEEE standard and that may contain substantive corrections to that standard as well.
- Corrigenda
 - A document that only contains substantive corrections to an existing IEEE standard.

* See <http://standards.ieee.org/guides/opman/sect1.html#1.2>

Interpretation Task Group (ITG)

- Operate as a standing (permanent) task group
 - 802.17 Interpretation Task Group Chair appointed by the 802.17 Working Group Chair*
- ITG membership open to all of WG membership
- ITG meets
 - at all WG plenary meetings
 - when there are open interpretation requests
 - at interim WG meetings and ITG ad hoc meetings
 - if authorized by the WG
- ITG decisions ratified by the WG

* See <http://www.ieee802.org/policies-and-procedures.pdf>, 7.2.2.4.d

Responsibilities Of WG Chair

- Appoint Interpretation Task Group Chair
- Submit interpretations to SA for inclusion in interpretations pages

Responsibilities Of Submitter

- Submit clearly explained description of how the interpretation of the standard is not possible or can have multiple interpretations with different results
- Clarify the problem as requested by the chair of the ITG
- May withdraw interpretation request at any time before it is submitted to ITG

Responsibilities Of ITG Chair

- Maintain database of interpretation requests
- Assign interpretation request numbers to submitted requests
- May work with submitters to make sure requests are valid requests for interpretation and have sufficient explanation to be ready for the ITG
- Run ITG meetings
 - Limit ITG to approved scope of ITG
 - See <http://www.ieee802.org/policies-and-procedures.pdf>, 7.2.4.1
- Present ITG opening and closing reports to WG
- Act as spokesperson for the ITG

Responsibilities Of ITG

- Evaluate interpretation requests to determine
 - Interpretation needed
 - No answer needed
 - Technical change required
- Work with technical experts to determine correct interpretation
- Decide when interpretation response is ready for submission to WG

Responsibilities Of WG

- Ratify Interpretation Task Group decisions
 - Interpretation responses approved by the WG at the same meeting that they are ready for response
 - All interpretations are considered technical for voting purposes
 - No WG balloting unless WG decides to ballot one or more difficult issues
 - No sponsor balloting

Interpretation Request Submittal

- Submitted to the Secretary of the IEEE Standards Board, as described at <http://standards.ieee.org/reading/ieee/interp/index.html#proc>
- “If suitable for consideration, requests will be sent to the interpretations subgroup”
 - The sponsor will usually forward the requests to the WG maintaining the standard in question

Interpretation Responses

- Responses approved by the WG are returned to the Secretary of the IEEE Standards Board
 - Pro forma responses are provided at
<http://standards.ieee.org/guides/companion/annexb-c.html#partc>
- Published interpretations are provided at
<http://standards.ieee.org/reading/ieee/interp/index.html#available>

Interpretation Request Database

- Maintained by the Interpretation Task Group Chair
- Published in HTML format as subpages of <http://www.ieee802.org/17/interpretations/>