IEEE 802.1 Maintenance Process

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Topics

- Review of 802.3 system
- 802.1 Needs
- Next Steps

Review of 802.3 process

- Process described at: http://www.ieee802.org/3/maint/process/process.pdf
- Maintenance Task Force

- Step 1 – Scope
  - Determine if in scope – not a new feature request
  - TF decisions are confirmed by WG
- Step 2 – Errata or Change
  - Errata in 802 are specific. Published text differs from approved text. Publish errata sheet
  - Changes needed are bugs to fix. Require WG ballot process.
  - TF determines priority for changes – Raise Corrigendum project or roll into next revision
- Step 3 – Complete Request
  - Assure change is well documented
  - Ready request for balloting process
- Step 4 – Ballot process of Change
  - Change requests are included in an official project
  - Normal ballot process

Submitting a Request

- Any WG member can submit a request
  - Submission form linked to password protected page
  - Generates email to maintenance mail reflector
  - Request form includes:
    - Reference standard, clause, page, line number
    - Proposed Changed Text
    - Rational for change
    - Impact on Existing Networks
- Maintenance TF works with submitter to vet request and track
- System for tracking status of requests

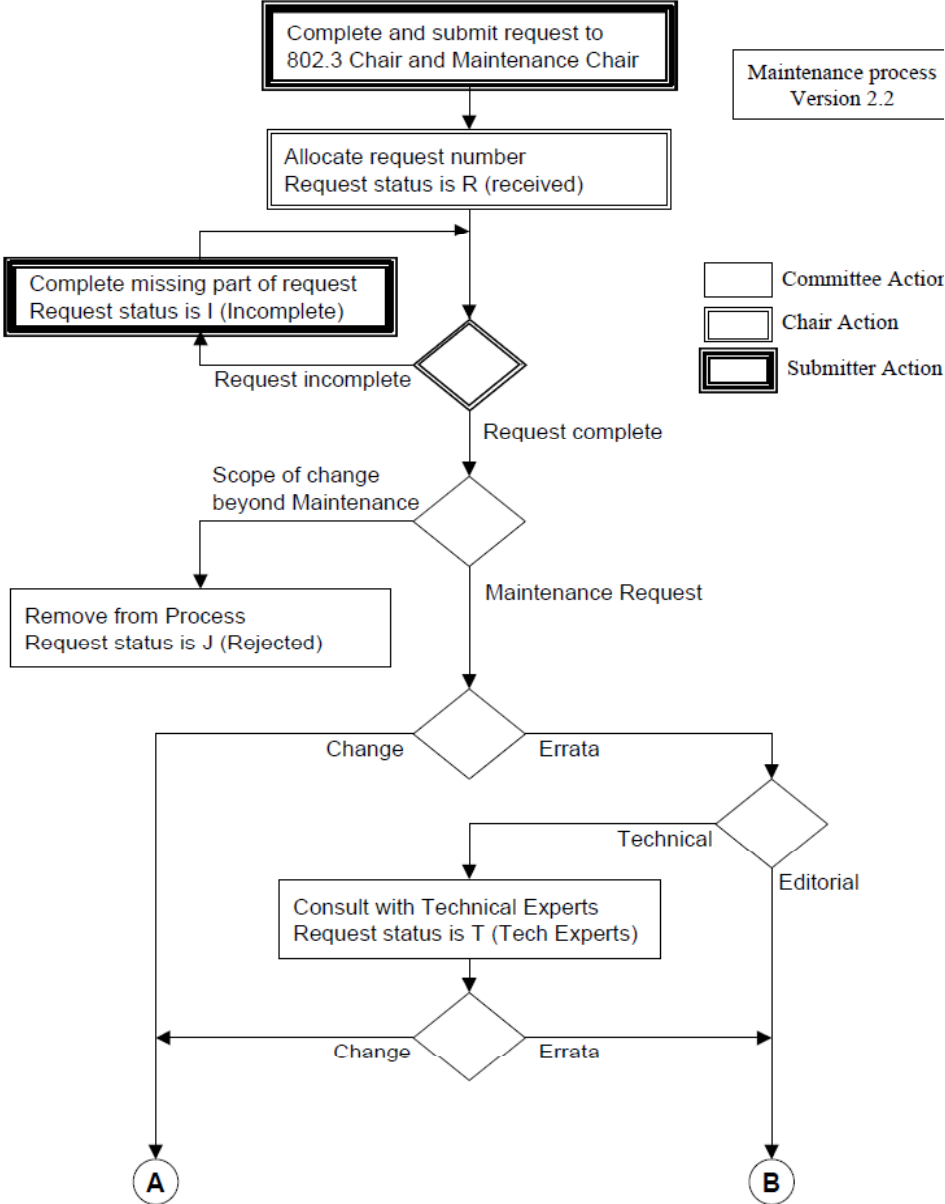- http://www.ieee802.org/3/maint/index.html

802.1 Needs

- Current 802.1 Maintenance process
  - We have an 'Interpretations' page that tracks requests and responses
  - No other formal process for Errata or Changes
- Same needs as 802.3, perhaps fewer motions to vet requests
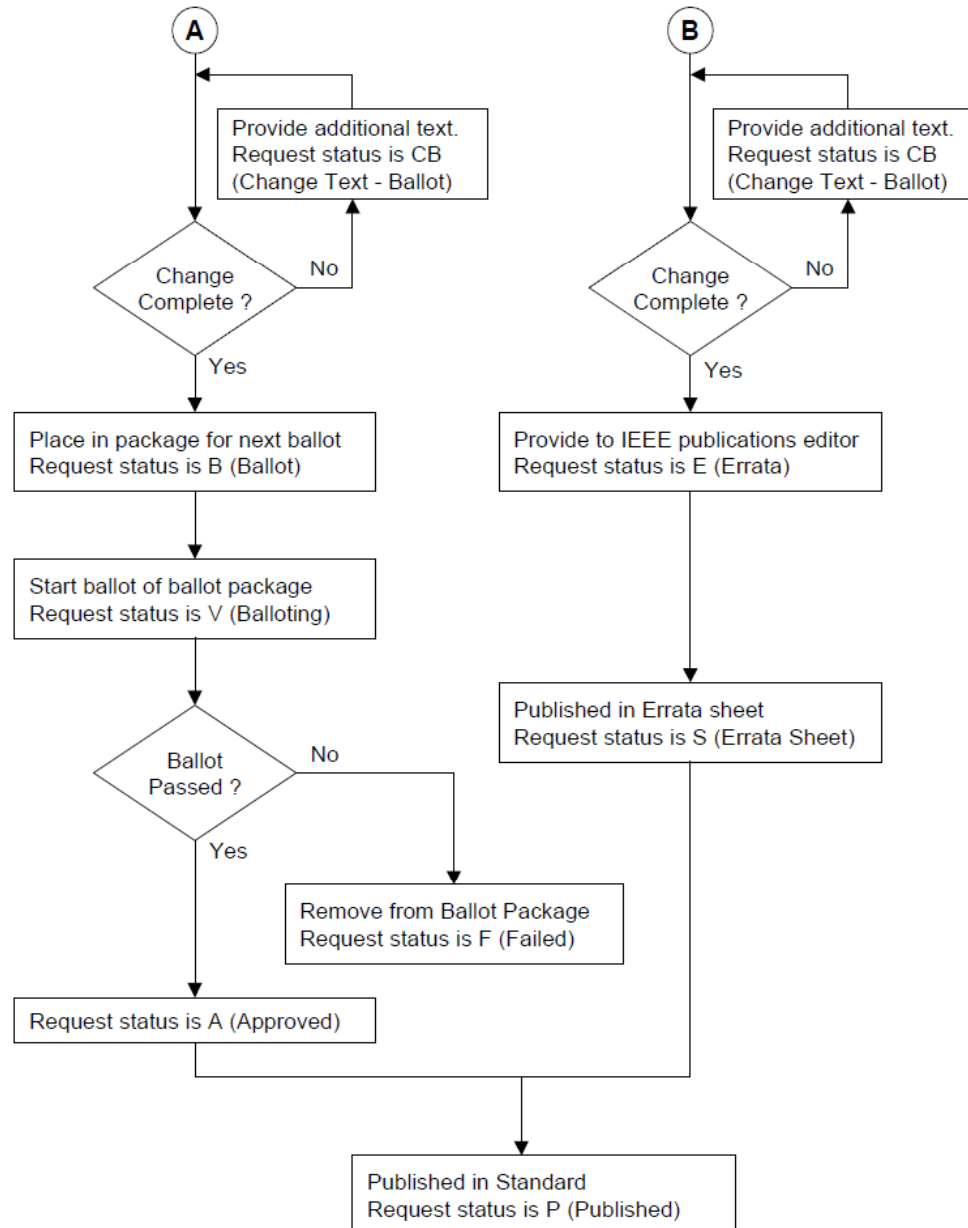
Next Step Proposals

- Evaluate change requirements to Web pages
- Consider formation of 802.1 Maintenance TF
- Document 802.1 process – lifting heavily from 802.3
- Target March 2011 for creation of TF and process launch

Backup

802.3 Process Flow

802.3 Process Flow (cont)

A

Provide additional text.
Request status is CB
(Change Text - Ballot)

Change Complete ?
No

Yes

Place in package for next ballot
Request status is B (Ballot)

Start ballot of ballot package
Request status is V (Balloting)

Ballot Passed ?
No

Yes

Remove from Ballot Package
Request status is F (Failed)

Request status is A (Approved)

B

Provide additional text.
Request status is CB
(Change Text - Ballot)

Change Complete ?
No

Yes

Provide to IEEE publications editor
Request status is E (Errata)

Published in Errata sheet
Request status is S (Errata Sheet)

Published in Standard
Request status is P (Published)

802.3 Process Flow (request status)

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

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