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

• 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

Complete and submit request to 802.3 Chair and Maintenance Chair

Allocate request number
Request status is R (received)

Complete missing part of request
Request status is I (Incomplete)

Request incomplete

Scope of change beyond Maintenance

Maintenance Request

Remove from Process
Request status is J (Rejected)

Consult with Technical Experts
Request status is T (Tech Experts)

Change

Errata

Technical

Editorial

A

B
802.3 Process Flow (cont)

A

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

Change Complete?

Yes

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

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

Ballot Passed?

No

Remove from Ballot Package Request status is F (Failed)

Yes

Request status is A (Approved)

B

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

Change Complete?

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)

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Approved in ballot</td>
</tr>
<tr>
<td>B</td>
<td>Awaiting Ballot</td>
</tr>
<tr>
<td>CB</td>
<td>Awaiting additional change text – Ballot</td>
</tr>
<tr>
<td>CE</td>
<td>Awaiting additional change text – Errata</td>
</tr>
<tr>
<td>E</td>
<td>Errata, ballot not required</td>
</tr>
<tr>
<td>F</td>
<td>Failed in ballot</td>
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<tr>
<td>I</td>
<td>Incomplete</td>
</tr>
<tr>
<td>J</td>
<td>Rejected</td>
</tr>
<tr>
<td>P</td>
<td>Published in Standard</td>
</tr>
<tr>
<td>R</td>
<td>Request received</td>
</tr>
<tr>
<td>S</td>
<td>Published in Errata Sheet</td>
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<tr>
<td>T</td>
<td>Awaiting Technical experts</td>
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<tr>
<td>V</td>
<td>Balloting</td>
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<tr>
<td>W</td>
<td>Withdrawn</td>
</tr>
</tbody>
</table>

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