IEEE 802-11 Standard Roll-up Report

Terry Cole, AMD
Monterey Closing Plenary

(roll-up project will be reported all this year with revisions of this same document number)

802.11 2002 Specification

- 802.11 2002 will include all existing amendments into a single document.
  - 802.11 1999 -802.11a
  - 802.11b -802.11b corrigendum 1
  - 802.11d
- The goal is to complete the work by end of year
  - IEEE staff reports that rules of REVCOM require reaffirmation or revision of our IEEE 802.11 standard ASAP because we have had more than 2 amendments in the first 2 years after publication.
  - REVCOM may disapprove any further amendments to 802.11 1999.

Editing Work Plan

- IEEE Editing staff will:
  - Graphic artist to draw the 802.11d related SDL changes as provided by WG
  - Technical writer to implement all changes provided by WG
  - Walk through all changes and get familiar with them
- WG will:
  - Review document to see that requested corrections are in
  - Provide any last minute changes (send editorial corrections to me ASAP)
- Barring no sticky issues, this can be done by mid to late October.

Approval Process

- We held a very good meeting with IEEE staff this week (Angela Ortiz et.al.) to discuss options:
  - Revision:
    - Requires approval of a revision PAR, form sponsor ballot, invite, ballot, resolve.
    - Reasonably optimistic timeline leads to closure of first ballot March 2003
  - Reaffirmation:
    - Requires invitations to existing pool, ballot, resolution.
    - Reasonably optimistic timelines leads to ballot results in December 2002.
- Because of the large timeline difference, IEEE staff and chair recommend the reaffirmation route.

Overall Plan

- A three step program will get us back into good shape on 802.11 amendments
  1. Reaffirm all existing/approved amendments by December 2002.
  2. All projects approved in 2003 & 2004 will be against the base document IEEE 802.11 2002 (802.11e, 802.11g, 802.11h, 802.11i, and future task groups)
  3. Do the editorial work to roll-up each standard as soon as possible after it is published, and reaffirm the 802.11 standard again in the late summer/early fall of 2004.

  Repeat 2 & 3 in two year cycles.

IEEE SDL Code

- There is a catch to the reaffirmation process.
  - Reaffirmation apparently means we must continuing shipping the SDL code with the IEEE standard.
- I redouble my plea for someone to find the 802.11b SDL code generated during the 1999 project!
  - Please search.
  - Finder will not need to do further work.
  - I will take care of things after it is found!