

# **Liaison Relationship: IETF and IEEE 802**

IETF 115 – IAB Open Session

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# IEEE 802 / IETF Relationship

- **RFC 7241:** *The IEEE 802/IETF Relationship*
- This document describes the standardization cooperation between IEEE Project 802 and the IETF
- This document was collaboratively developed by people from both the IEEE 802 leadership and IETF leadership
- This document guides today's coordination activities

# IETF/IEEE 802 Coordination Teleconferences

- Coordination Teleconferences (February, June, and October)
  - IEEE 802 PARs (Project Approval Requests)
  - IETF BoF Sessions (Birds of a Feather)
  - Work Items of Mutual Interest
- New Work Mail List
- Solicited Reviews
- Historically, much of the work of coordination has fallen on individuals attending meetings of both IEEE 802 and IETF
  - Frankly, this is still extremely valuable

# Liaison Statements and Liaison Managers

- Liaison Managers
  - IETF Russ Housley
  - IEEE 802 Dorothy Stanley
  - IEEE 802.11 Peter Yee
- Guidance Regarding Liaison Statements
  - From IEEE 802 to IETF: <http://ieee802.org/devdocs.shtml>
  - From IETF to IEEE 802: BCP 103
- <https://www.iab.org/liaisons/iab-ieee-coordination/>
- <https://datatracker.ietf.org/iabasg/ietfieee/about/>

# Protocol Parameter Allocation

- IANA
  - BCP 141 discusses use of IEEE 802-specific IANA parameters in IETF protocols
  - Explicitly covers allocation of code points under the IANA OUI
  - "Standards Action" is used for scarce code points
- IEEE Registration Authority
  - IEEE Registration Authority Committee (IEEE RAC) provides technical oversight for allocations such as EtherTypes
- A few Registries are considered “Joint-Use”
  - When an IEEE 802 document refers to an IANA registry, references should be checked prior to Standards Association ballot
  - When an IETF document refers to an IEEE 802 registry, references should be checked during IETF Last Call

# Summary

- Currently IEEE 802 and IETF have an excellent working relationship
  - Informal communications between the leaders – they know each other
- Coordination session three times per year identify potential areas of concern well before they become serious problems
- Once identified, face-to-face leadership sessions have resolved those problems quickly