

# Proposal for 2-11 GHz System Profiles PAR

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Roger Marks

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Purpose:

This document advocates that 802.16 submit a PAR

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## Status of 802.16/802.16a Enhancements Ad Hoc

- Decision at Session #20 to create Enhancements Ad Hoc (Paul Struhsaker, Chair)
- Charter: to "develop a PAR for enhancements to IEEE 802.16/16a for support for nomadic operation, roaming, repeaters, MIB/management, and system profiles by the end of Session #21"
- Motivation: lump together all issues that require resolution soon
- No input to Ad Hoc group until now

## Views on Proposed Topics

- nomadic operation and roaming
  - minor technical changes
- repeaters
  - complicated
  - not urgent
- MIB/management
  - cannot be developed quickly
- system profiles
  - critical
- fixing errors in document

## Recommendation

- Prepare PAR 802.16d, modeled on 802.16c
  - See IEEE 802.16-02/11r2
- to include
  - System Profiles
  - Correction of errors
- Submit now
  - To be on November SEC agenda

## Proposed Scope

- This Amendment updates and expands Clause 12 of IEEE Std 802.16, which concerns system profiles that list sets of features and functions to be used in typical implementation cases. Errors and inconsistencies in IEEE Std 802.16 will also be corrected. The scope is limited to 2-11 GHz.

## Proposed Purpose

- To aid the deployment of interoperable systems by defining and naming a set of system profiles to which manufacturers can test compliance, and by correcting errors and inconsistencies.