

Project	IEEE 802.16 Broadband Wireless Access Working Group		
Title	Development Plan for 802.16.1 Air Interface Standard		
Date Submitted	1999-09-17 [Approved by letter ballot, 99/10/27]		
Source	Roger Marks, Chair, 802.16 NIST 325 Broadway, MC 813.00 Boulder, CO 80303	Voice: Fax: E-mail:	1-303-497-3037 1-303-497-7828 r.b.marks@ieee.org
Re:	IEEE-SA Standards Board Project Authorization Request (PAR) 802.16 (currently being renumbered 802.16.1)		
Abstract	<p>This document details the plan for development of an IEEE Standard based on IEEE-SA Standards Board Project Authorization Request (PAR) 802.16 (“Air Interface for Fixed Broadband Wireless Access”). A detailed timeline is accompanied by descriptions of the meeting inputs and outputs as well as selection and revision processes. The plan describes a strongly contribution-driven scheme which encourages contributors to supply documentary information in increasing detail as the process proceeds. It establishes a cooperative approach in which improvements to and mergers of contributions are anticipated and encouraged. The plan is centered around meetings held approximately every two months. The aggressive time scale aims reflects the PAR target completion date of 31 January 2001.</p>		
Purpose	<p>This document establishes a procedure for 802.16 Task Groups and participants. It sets the framework for future meetings and meeting preparations. It also provides guidance to prospective contributors concerning 802.16 expectations.</p>		
Notice	<p>This document was submitted for 802.16 Letter Ballot approval on 17 September, 1999.</p>		
Release	<p>The contributor acknowledges and accepts that this contribution may be made publicly available by 802.16.</p>		

Development Plan for 802.16.1 Air Interface Standard

Roger Marks

NIST

Chair, 802.16

Introduction

This document details the plan for development of an IEEE Standard based on IEEE-SA Standards Board Project Authorization Request (PAR) 802.16 (“Air Interface for Fixed Broadband Wireless Access”). A detailed timeline is accompanied by descriptions of the meeting inputs and outputs as well as selection and revision processes. The plan describes a strongly contribution-driven scheme which encourages contributors to supply documentary information in increasing detail as the process proceeds. It establishes a cooperative approach in which improvements to and mergers of contributions are anticipated and encouraged. The plan is centered around meetings held approximately every two months. The aggressive time scale aims reflects the PAR target completion date of 31 January 2001.

This document establishes a procedure for 802.16 Task Groups and participants. It sets the framework for future meetings and meeting preparations. It also provides guidance to prospective contributors concerning 802.16 expectations.

This plan was developed during 802.16 Session #3 (13-17 September 1999 in Boulder, Colorado) with significant input from the MAC and PHY Task Groups, which used it as the basis of their Call for Contributions. It was presented without objection at the Closing Plenary (17 September 1999) and approved, without objection, for Letter Ballot.

Session	Deadline	Input	At Meeting	Outputs
#4 99/11/08-12	99/10/29	PHY and MAC Proposals: -abstract -key points Proposals posted when received.	Tuesday: PHY Proposals presented (15 min) and debated (15 min) Wednesday: MAC Proposals presented (15 min) and debated (15 min) Thursday morning: MAC and PHY proposals debated and scored by Voting Members on 0-10 scale in each of several categories.	Individual scores combined using 802.16 scoring procedure. Submitters scoring 6 or better in any category are invited to submit for #5. Limit may be lowered by 75% vote at 802.16 Closing Plenary.
#5 00/01/10-14	99/12/24	PHY and MAC Proposals: -details on all points in outline Proposals posted when received.	Proposals received by invitation presented. Uninvited proposals may be offered as agenda changes at Monday Plenary, with approval subject to majority vote. Suggested improvements & mergers offered as "friendly amendments." MAC and PHY proposals debated and scored by Voting Members on 0-10 scale in each of several categories.	Individual scores combined using 802.16 scoring procedure. Submitters scoring 7 or better in any category invited to submit for #6. Limit may be lowered by 75% vote at 802.16 Closing Plenary.
	00/01/05	Suggested improvements to submissions. Suggested mergers.		
#6 00/03/06-10	00/02/18	Proposals: -draft standard format Proposals posted when received.	Proposals received by invitation presented. Suggested improvements & mergers offered as "friendly amendments." MAC and PHY proposals debated and scored by Voting Members on 0-10 scale in each of several categories.	Individual scores combined using 802.16 scoring procedure. Those scoring 7 or better on average invited to submit for #7. Limit may be lowered by 75% vote at 802.16 Closing Plenary.
	00/02/28	Suggested improvements to submissions. Suggested mergers.		
#7 00/05/01-05	00/04/14	Proposals: -formatted standard -supporting simulated or measured data	Invited proposals presented. Suggested improvements & mergers presented. Opportunity to revise or merge.	Drafts selected by Task Groups. Selections confirmed by Working Group.
	00/04/24	Suggested improvements to submissions. Suggested mergers.		

#8 00/07/10-14	00/06/02	Editor publishes united MAC, PHY, System Requirements as tentative draft.	Resolve comments. Approve tentative draft.	Tentative draft standard. Approval of letter ballot initiation.
	00/06/30	Comments on tentative draft.		
#9 00/09/11-15	00/07/14	WG letter ballot begins.	Resolve comments.	Approve letter ballot recirculation.
	00/08/23	WG letter ballot ends.		
	00/09/01	Editorial committee publishes comment resolutions.		
#10 00/11/06-10	00/09/15	WG letter ballot recirculation begins.	Resolve comments. 802.16 approves draft standard. 802 approves sponsor ballot initiation.	Initiate sponsor ballot.
	00/09/27	WG letter ballot recirculation ends.		
	00/10/27	Editorial committee posts comment resolutions, possibly after one or two additional 10-day recirculations.		
#11 01/01/22-26	00/11/14	Initiation of sponsor ballot.	Resolve comments.	Initiate sponsor ballot recirculation.
	00/12/24	Sponsor ballot ends.		
	01/01/12	Editorial committee publishes comment resolutions.		
#12 01/03/12-16	01/01/29	Sponsor ballot recirculation begins.	Resolve comments. 802.16 approves standard, pending recirculation, if necessary.	Sponsor ballot results to 802. 802 approves forwarding draft to IEEE RevCom, pending successful final recirculation, if necessary.
	01/02/08	Sponsor ballot recirculation ends.		
	02/02/29 01/02/29	Editorial committee posts comment resolutions, possibly after additional 10-day recirculation.		