
Project	IEEE 802.20 Working Group on Mobile Broadband Wireless Access < http://grouper.ieee.org/groups/802/20/ >	
Title	802.20 Work Plan	
Date Submitted	2003-05-05	
Source(s)	Jerry Upton, (Elected, but not confirmed Chair of 802.20) 317 N. Meacham Park Ridge, IL 60068	Voice: 1-847-772-4800 Fax: Email: jerry.upton@ieee.org
Re:	MBWA Call for Contributions	
Abstract	This documents outlines key proposed project development work items for inclusion in the 802.20 work plan. Completion of these work items, as written and agreed documents, will provide the basis for the timely development of a quality standard. Additional information related to the current draft project development timeline is provided including other 802 project timelines.	
Purpose	This document is provided as input for the development of the 802.20 work plan.	
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Patent Policy	The contributor is familiar with IEEE patent policy, as outlined in Section 6.3 of the IEEE-SA Standards Board Operations Manual < http://standards.ieee.org/guides/opman/sect6.html#6.3 > and in <i>Understanding Patent Issues During IEEE Standards Development</i> < http://standards.ieee.org/board/pat/guide.html >.	

802.20 Work Plan Inputs

May 5, 2003

Contributed by

Jerry Upton

Background – Current WG Status

- PAR and 5 Criteria Developed in SG and Approved in Dec. 2002.
- Members: a rapid increase (number of new members > 130)
- New members may have different understandings of PAR and 5 Criteria - - Clarifications and Definitions Requested in March
- Officers: elected but not confirmed; currently interim co-vice chairs
- Different from past 802 Projects - - Licensed Band, Operator-based service
- Requirement for Structured Work Plan
 - **Build a basic consensus across all members**
 - **Create a doable work plan.**

5-May-03		802.20 Work Plan			
Work Item Descriptions		Actual Dates		Draft Project Timeline	
Conditional Submission of PAR/5C to Nescom		Oct. 31, 2002			
First Technical Meeting		Nov. 10-14, 2002			
Approval of PAR/5C by LMSC Exec. Comm.		Nov. 15, 2002			
Approval of PAR by IEEE-SA Board		Dec. 12, 2002			
Exec. Comm. Study Group Meeting #0		Jan. 13-17, 2003			
Initial Work Group Meeting of 802.20		Mar. 10-14, 2003			
Work Items for Completion and Concensus (Written Documents approved by concensus)					
1. Technical Requirements Document					
2. Evaluation and Selection Criteria Document					
3. Selection Procedure Document					
4. Verification and Test Methodology Document					
5. Draft Specification Document					
Four Sessions before Projected Letter Ballot					
1. May Interim					
2. July Plenary					
3. September Interim					
4. November Plenary					
Work Group Letter Ballot				11/ 21 - 12/ 30, 03	
LMSC Sponsor Ballot				Mar. 26 - July 7, 04	
Sponsor Confirmation Ballot				Aug. 11-26, 04	
(Conditional) Submission to RevCom				Oct. 31, 2004	
IEEE-SA Approval				Dec. 10, 2004	

Technical Requirements Document

(not a complete document outline)

- Terminology
- Detailed Requirements associated with each Characteristic (clarifies and defines the Characteristics in the PAR)
- Additional Characteristics, as necessary
- High Level Use Cases if appropriate for requirements explanations
- Assumptions for Services Supported, for example level of voice services supported
- System Level Requirements
- Overall - - an Understanding and Agreement by the Group on Functional Requirements and Targets (for example address the Hand-Off debate)

Evaluation and Selection Criteria

(not a complete document outline)

- Detailed Conditions for Evaluation
- Channel Models
- Traffic Models
- Network Considerations
- System Level Simulations and Modeling
- Baseline Evaluations including work completed or on-going in other organizations such as 802.16, Hand-off Study Group, 3GPP and 3GPP2
- Overall Evaluation Process and Selection of Modeling Tools

Selection Procedure

(not a complete document outline)

- Procedure for Reaching Consensus
- Voting Criteria and Procedure
- Process for Merging Alternatives
- Needed for Drafting Process
- Other 802 Work Groups/TGs have written procedures

Verification and Test Methodology

(not a complete document outline)

- System Level Verification of Air Interface
(for example Voice Codec considerations)
- Testing Specifications and Procedures
- Objective to Minimize Specification Changes/Corrections as real testing and implementation starts

5-May-03		Work Plan - Timeline Comparisons				
			802.20 WG	802.15 TG3a (Phy Only)	802.16	802.16a
Work Plan						
Approval of PAR by IEEE-SA Board			Dec. 12, 02	Dec. 12, 2002	Mar. 99	Mar. 00
Work Items for Completion and Concensus (Written Documents approved by concensus)			Not Completed			
1. Technical Requirements Document				Jan. 03	24 Months to Ballot	
2. Evaluation and Selection Criteria Document				Jan. 03, amend through May		
3. Selection Procedure Document				Jan. 03, amend through May		27 Months to Ballot
4. Verification and Test Methodology Document				Not Specifically identified		
5. Draft Specification Document				Start July, Complete Nov.		
Four 802.20 Sessions to Proj'd Letter Ballot						
1. May Interim						
2. July Plenary						
3. September Interim						
4. November Plenary						
Work Group Letter Ballot(initial)			Nov. 21 - Dec. 30, 03	Nov. 21 - Dec. 30, 03	Feb. 01 - Mar. 01	May - Jun. 02

802.20 Work Plan Recommendation

- 1. Start with a contribution for Technical Requirements , Evaluation and Selection Criteria, Selection Procedure, and Verification and Test Methodology documents.**
- 2. Select an Editor for each document**
- 3. Merge/combine related contributions**
- 4. Agree now on Work Items and Start the Work at this meeting**
- 5. Review progress at July Plenary and then set achievable dates**