Project	**IEEE 802.20 Working Group on Mobile Broadband Wireless Access** <**http://grouper.ieee.org/groups/802/20/**>
Title	**802.20 Standard Development Work-Plan Topics**
Date Submitted	**2003-05-05**
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Re:	MBWA Call for Contributions: Session # 2 - May 2003
Abstract	This is a proposed work plan, based on the approved 802.20 PAR milestones. In order to meet this schedule, the project tasks should be assigned to three task groups: System, PHY, MAC.
Purpose	Assist the 802.20 standard project group in planning and managing the project tasks.
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1. Purpose

This contribution is a proposed work plan that is based on the approved 802.20 PAR schedule and milestones. It is submitted for discussion and adoption. Further detail and task breakdown should be added into subsequent agreed upon versions of this plan. The work plan should be updated periodically and reflect the work progress.

Please note: This contribution consists of this text document and an HTML snapshot of the Gantt chart included in the accompanying executable file.

2. Work Plan Analysis

2.1 Introduction

The 802.20 project PAR was approved by the IEEE-SA on 2002-12-11. This date is the project start date. Two milestones are specified in the PAR:

1. Expected date of submission for initial sponsor ballot: 2004-05-26
2. Submittal to RevCom: 2004-10-01

A high-level work breakdown analysis indicates the need for three work stages:

1. System Analysis
2. System Specifications
3. 802.20 Standard drafting and publication

The proposed draft work plan was developed with Microsoft Project 2000. The project milestones and anticipated work stages have driven the time line depicted in the HTML file attached to this document. Only the main tasks were identified in this initial version (v0.1). Further task breakdown and dependency analysis is required for properly developing a more detailed and effective work plan.

2.2 Work Plan Task Breakdown and Timeline

The main operative conclusions derived from work plan are:

- The first stage, **System Analysis**, is the most critical task. The output of this task should drive the following two stages and will determine the success of this project as a whole.
- Stage 2, **System Specifications** development, must be broken down into three sub-tasks: PHY, MAC and upper layer interface specifications. The development of the Test Specifications requires input from each of the above mentioned sub-tasks.
- Stage 3, the drafting of the 802.20 standard, can be completed only after stage 2 is completed. The IEEE sponsor ballot and RevCom review require nearly four months (according to the PAR milestones). This area of the work needs further clarifications on the process, constrains and resources required.

3. Recommendations

a. Review, discuss and agree on the necessary changes to this draft work plan.
b. Organize the 802.20 standard development work accordingly.
c. Assign a work plan maintainer.
d. Review and update the work plan at the beginning of every work session.