

IEEE P802.11

Wireless Access Method and Physical Layer Specification

DATE: March 7, 1992**TITLE:** PROPOSAL FOR A STRUCTURED IEEE802.11 DOCUMENT PLAN**AUTHOR:** **John F. Corey**
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FAX: (852) 577-1073**EDITOR:** **Nathan Silberman**
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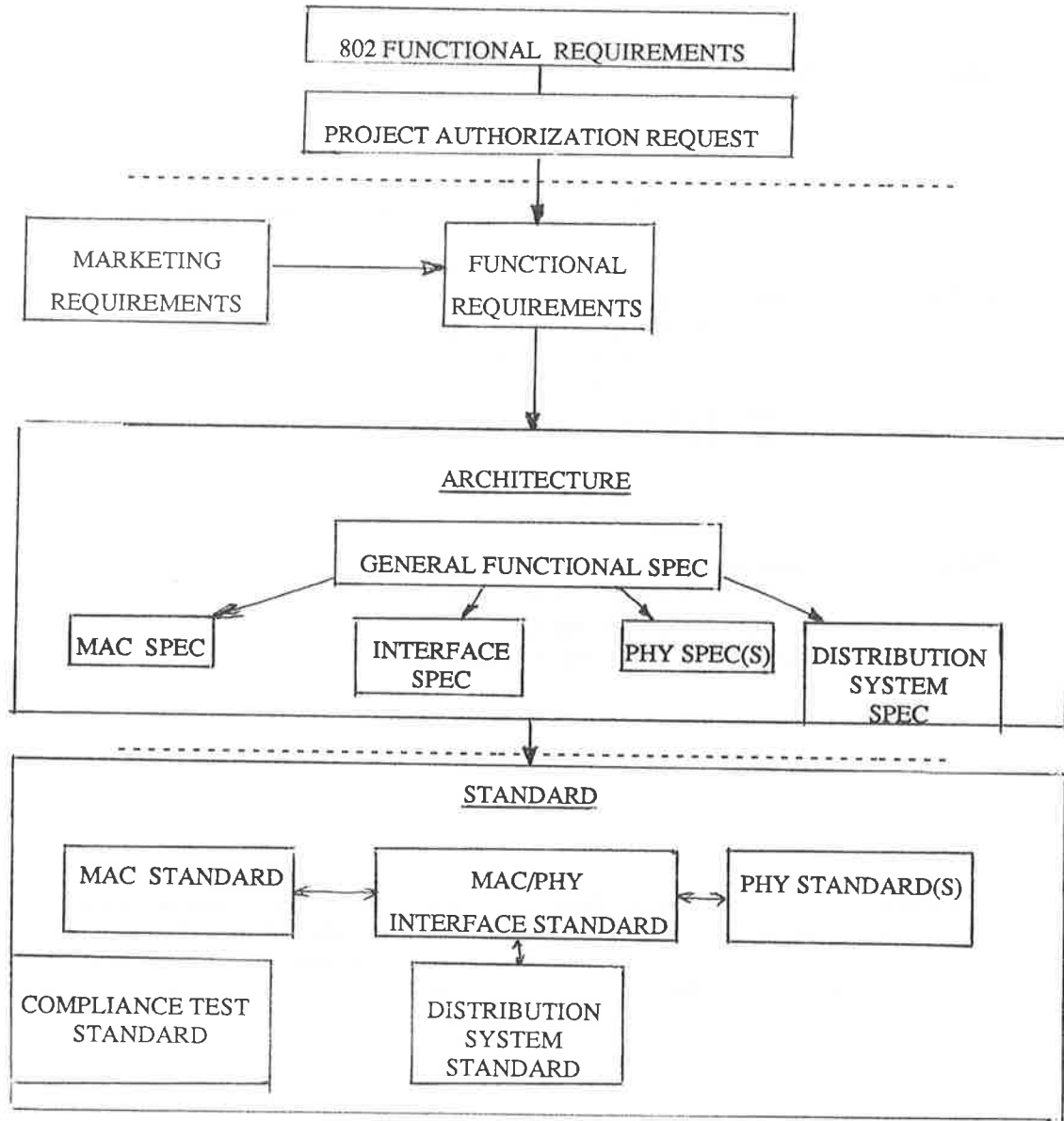
The purpose of this proposal is to set down in general terms and graphical form an approach for the organization and management of formal documents produced by the IEEE802.11 committee. This proposal is submitted for the purpose of soliciting comments, amendments and extensions which can be incorporated into a formalized guideline suitable for adoption by the committee at large. Inputs and comments from the committee members are appreciated.

SCOPE

This proposal includes a diagram reflecting the relationship and ownership of the documents as well as a diagram reflecting the document flow in terms of amendment and adoption processes. It also includes descriptive information about the formal documents produced for use within the committee. It does not include information or outlines for external documents although such documents are explicitly referenced by the documents described here.

This proposal does not refer to or reflect on the management of other IEEE802.11 documents such as, minutes, submissions, announcements or other working papers of the committee.

DOCUMENT PLAN



DOCUMENTS DESCRIPTIONS

MARKETING REQUIREMENTS DOCUMENT

PURPOSE: is to describe a comprehensive set of envisioned applications, required features, functions and needs of various segments of the market. These requirements are organized by end-user organization categories like; manufacturing, retail, government, financial etc.

CONTENTS: this document shall include such things as , number of users, data traffic type and volume, security needs, performance requirements, and other quantifiable (although subjective) information.

FUNCTIONAL REQUIREMENTS DOCUMENT

PURPOSE: is to describe (and define the terms of the description) WHAT the elements of the wireless system ARE, and WHAT they DO.

CONTENTS shall include: a complete set of definitions; functional descriptions of the elements, features, services, and structures; and rules which may apply to the functions or services.

ARCHITECTURE DOCUMENT

PURPOSE: is to describe the physical and logical organization and inter-operation of the elements of the IEEE802.11 LAN(S) in various configurations. This document also includes the TOP-LEVEL specifications (quantifiable) necessary for developing the standard to a level adequate for implementation.

CONTENT: GENERAL SYSTEMS SPECIFICATION
 MAC layer SPECIFICATIONS,
 principles of operation, and performance
 characteristics
 PHY layer SPECIFICATIONS,
 specification, principles of operation and
 performance characteristics
 INTERFACE SPECIFICATIONS
 DISTRIBUTION SYSTEM SPECIFICATION

DOCUMENT MANAGEMENT CYCLE

