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See imbeded comments and annotations
Appendices

Appendix I—Functional Requirements

1.1 Externally Imposed Requirements.

Documents which contain functional requirements that are hereby incorporated as 802.11 functional requirements:

- 802 Functional Requirements (document number P802-91/152);
- 802.11 PAR (P802.11-91/58)
- The 802.11 PAR supersedes the 802 Functional Requirements (P802-91/152) where they conflict.

1.2 General Requirements.

The primary service provided by 802.11 is to deliver MSDUs between LLCs.

Continuity of service to the layers within an ESS will be supported.

The MAC must accommodate any PHY transmission rate between 1 and 20 Mbit/s.

The 802.11 MAC and PHY will support the application described in the 802.11 Market Requirements Document.

Any function or service unique to wireless networks will be handled within the 802.11 standard.

802.11 will support multicast services (including broadcast services).

The standard will support network management services.
### 1.3 Data-Service Types.

802.11 will provide two classes of MSDU delivery service:

1) An asynchronous MSDU delivery service.
2) A time-bounded MSDU delivery service.

All 802.11 implementations will support the asynchronous class service.

Stations using the asynchronous and/or time-bounded service must coexist within the same BSS.

### 1.4 Coordination Functions.

All 802.11 implementations will support a common default coordination function.

There will be a method for dynamically switching from the default coordination function and any other defined coordination function.

A single MAC shall be used to support all coordination functions.

There shall be mechanisms defined to resolve medium-use conflicts.

### 1.5 MAC/PHY Interface.

A single MAC will be used to support multiple PHYs.

A single MAC/PHY interface will be defined.

If the MAC/PHY interface is exposed, a conformant implementation must adhere to the defined MAC/PHY interface.

### 1.6 Security.

The standard shall support registration services.

The standard shall support authentication services.

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| Appendix 1 | Fischer, Mike. | E | Apparent conflict between 1.1, 1st bullet Ø. Functional Requirements Ø and 1.2, 4th line Ø. Market Requirements Ø should be clarified or corrected. | consistency |