

**Submission to:  
IEEE P802.11  
Wireless LANS**

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Title: **SCHEDULE AND MODULATION SELECTION PROCESS FOR THE 2.4  
GHZ HIGH RATE PHY.**

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This document outlines the schedule and the modulation selection process steps for the activities of the IEEE802.11 Task Group B. Task Group B addresses the 2.4 GHZ High Rate PHY definition. The Task Group reserves the right to modify the schedule and/or the selection process as required in future meetings.

■ **SCHEDULE**

The schedule is outlined below in terms of the key procedural milestones that must take place until final approval is obtained.

The schedule is broken into bi-monthly milestones reflecting the months of the scheduled IEEE802.11 meetings.

■ Jan. 98

■ March 98

Beginning of proposal down selection process.

- May 98  
Final Modulation selection.
- July 98
- Sept. 98  
Draft complete, Submit working group ballot (1)
- Nov. 98  
Submit working group ballot (2), if required.
- Jan. 99  
WG ballot resolution meeting, submit to working group confirmation ballot
- March 99  
Motion to submit sponsor Ballot
- May 99  
Sponsor Ballot resolution meeting ,Submit sponsor confirmation Ballot
- July 99  
Sponsor confirmation ballot resolution meeting, Submit to Standards board.
- Sept. 99  
Standards board approval OR Sponsor confirmation Ballot backup and submit to Excom e-mail ballot for submittal to standards board.
- Nov. 99
- Dec. 99  
Approval

## ■ MODULATION SELECTION PROCESS

The final steps of the proposal evaluation and selection process will take place during the March 1998 and May 1998 meetings. The selection process is structured so there is one solution chosen by the end of the May meeting.

Steps Between January 1998 and the end of the March 1998 meetings:

- 1. Establish a list of criteria and the data that is required to be submitted by all proposals. This list will be the basis of comparison for the proposals.

Document 97/157r1 outlines the evaluation criteria. This document will be updated as necessary by the task group. Proposals need to clearly document the data specified within 97/157r1 and any future revisions of it. Document 97/157r1 is the formal basis for proposal comparison and any non compliant proposals run the risk of unfavorable consideration by the task group.

- 2. Elimination of the proposals with incomplete data and/or a fundamental problem not meeting the criteria .

This step will be accomplished by a secret vote at the task group level. If a proposal receives by a vote of 75% or more an incomplete status , it will be disqualified from further consideration.

The task group recommendation will be forwarded to the IEEE802.11 meeting for approval.

- 3. Establish a comprehensive comparison benchmark matrix based on the evaluation criteria.

A team of reviewers (not representing a proposal on the table) will be assigned to develop and present this comprehensive comparison matrix to the task group . The compilation of the matrix will start before the March meeting. The matrix will be available on the reflector 2 weeks before the meeting.

This team will work with the proposers during the March meeting to complete and to fill in the data for each proposal represented on the matrix.

Each proposer is required to submit the corresponding data for the proposal they represent.

■ 4. Presentation of the matrix to the task group.

The presentation will be given by the team responsible to compile the matrix.

The proposers will have the opportunity to make clarification points regarding the entries of their own proposal on the matrix.

■ 5. Last opportunity for questions by the participants.

The task group participants will have a last opportunity to question the proposers.

Questioning will begin with the members of the team that was assigned to compile the comparison matrix.

■ 6. Closing arguments by each proposer.

After the final questioning each presenter will be given time for the closing arguments regarding their proposal.

■ 7. Exclusion of proposals based on 75% vote to eliminate.

This is a secret voting process at the task group level. The question will be for elimination of proposals. Any proposals that receive 75% or more will be disqualified from further consideration.

The result of the vote will be forwarded to the IEEE802.11 group as a recommendation for approval .

This is the last action of the downselection process for the meeting scheduled during March of 1998.

The time between the March and the May meetings is an opportunity for the remaining proposals to consider combined approaches to reduce the number of competing solutions.

Steps during the May 1998 meeting.

■ 8. Submittal of any relevant technical papers and the final proposals by all remaining candidates.

- 9. Final technical presentation by all remaining candidates.
- 10. Update of the comparison matrix utilized during the March meeting to reflect any changes or additions.

A team of reviewers (not representing a proposal on the table) will be assigned to update and present the comparison matrix to the task group .

This team will work with the proposers to complete and to update the data for each proposal represented on the Matrix.

Each proposer is required to submit the corresponding data for the proposal they represent.

- 11. Presentation of the comparison matrix by the team assigned to assemble it.

The presentation will be given by the team responsible to compile the matrix.

The proposers will have the opportunity to make clarification points regarding the entries of their own proposal on the matrix.

- 12. Final questions .

The task group participants will have a last opportunity to question the proposers.

Questioning will begin with the members of the team that was assigned to compile the comparison matrix.

■ 13. Closing arguments by each proposer.

After the final questioning each presenter will be given time for the closing arguments regarding their proposal.

■ 14. Selection of the Final proposal with most votes at the task group level.

A secret vote will take place to eventually choose the proposal with the most votes.

There will be multiple rounds of voting eliminating the proposal with the least votes at each round, until one proposal remains.

The final selection will be presented as the recommendation of the task group to IEEE802.11 for approval.

■ 15. Adapt group recommendation at the plenary with 75% approval vote.

The approval of IEEE802.11 will finalize the selection process.

In the case that the recommendation is rejected by IEEE802.11 the task group will re address its recommendation.

The exact process will be defined at that time, based on the issues raised by IEEE802.11.