

Project	<b>IEEE 802.16 Broadband Wireless Access Working Group</b> < <a href="http://ieee802.org/16">http://ieee802.org/16</a> >	
Title	Proposed 802.16 Maintenance Process	
Date Submitted	2006- <del>03-08</del> <a href="#">05-11</a>	
Source(s)	Jonathan Labs Wavesat, Inc. 1375 Trans-Canada Hwy Dorval, Qc H9P 2W8 Canada	Voice: +1 514 684 0200 x325 Fax: +1 514 684 0211 <a href="mailto:jlabs@wavesat.com">mailto:jlabs@wavesat.com</a>
Re:	Task assigned by 802.16 WG to the 802.16 Maintenance TG to propose a process for 802.16 standards <del>mainteance</del> <a href="#">maintenance</a>	
Abstract	This document describes a proposed process to compile and review issues regarding errors, ambiguities and errata that are uncovered in the 802.16 standards (IEEE 802.16-2004, IEEE 802.16e-2005 and IEEE 802.16f-2005) when there is not an open corrigendum project.	
Purpose	For consideration by the 802.16 Working Group.	
Notice	This document has been prepared to assist IEEE 802.16. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein.	
Release	The contributor grants a free, irrevocable license to the IEEE to incorporate material contained in this contribution, and any modifications thereof, in the creation of an IEEE Standards publication; to copyright in the IEEE's name any IEEE Standards publication even though it may include portions of this contribution; and at the IEEE's sole discretion to permit others to reproduce in whole or in part the resulting IEEE Standards publication. The contributor also acknowledges and accepts that this contribution may be made public by IEEE 802.16.	
Patent Policy and Procedures	The contributor is familiar with the IEEE 802.16 Patent Policy and Procedures < <a href="http://ieee802.org/16/ipr/patents/policy.html">http://ieee802.org/16/ipr/patents/policy.html</a> >, including the statement "IEEE standards may include the known use of patent(s), including patent applications, provided the IEEE receives assurance from the patent holder or applicant with respect to patents essential for compliance with both mandatory and optional portions of the standard." Early disclosure to the Working Group of patent information that might be relevant to the standard is essential to reduce the possibility for delays in the development process and increase the likelihood that the draft publication will be approved for publication. Please notify the Chair < <a href="mailto:chair@wirelessman.org">mailto:chair@wirelessman.org</a> > as early as possible, in written or electronic form, if patented technology (or technology under patent application) might be incorporated into a draft standard being developed within the IEEE 802.16 Working Group. The Chair will disclose this notification via the IEEE 802.16 web site < <a href="http://ieee802.org/16/ipr/patents/notices">http://ieee802.org/16/ipr/patents/notices</a> >.	

## Proposed Process for 802.16 Maintenance

Jonathan Labs  
Wavesat, Inc.

The IEEE 802.16 Working Group has assigned its Maintenance Task Group <<http://WirelessMAN.org/maint>> to propose a process for handling and compiling issues regarding errors, ambiguities and errata in the 802.16 standards (currently IEEE 802.16-2004, IEEE 802.16e-2005, and IEEE 802.16f-2005) during the period when no corrigendum project is in place. An Adhoc committee was formed by the Task Group during the week of Session #41 to focus on this development.

A scope for the Maintenance process has been drafted:

*To make corrections and clarifications to the published 802.16 standards, limited to repair errors, ambiguities and errata of interpretations, including omissions which prevent interoperability. This process shall in no way introduce new features or enhancements to the published 802.16 standards.*

This scope is intended to strongly discourage the submission of comments that would suggest a significant change to the standard had the comments been submitted during a project.

The following process is proposed to the Working Group:

- 1.1) Approximately six weeks prior to an 802.16 session, a call for comments is issued for approximately 4 weeks by either the 802.16 WG Chair or the 802.16 Maintenance Chair.
- 2.2) Submitters send new comments to a maintenance group folder during this period.
- 3) If required, Requests for Interpretation shall be drafted as comments and submitted by either the WG chair or TG chair.
- 3.4) The TG Chair will see that the New-new comments are compiled into a database, which includes all previously existing comments, along with any Requests for Interpretation that have been submitted to the Working Group, and any reply comments to existing comments. Comment numbers are assigned to each new item.
- 4.5) The Maintenance Chair will review if the each comments are is editorially complete, i.e. check that each comment specifies which it includes the document it pertains to, and check that each comment includes page numbers and section numbers and has proposed text changes (except for those from Requests for Interpretation). If not the submitter is contacted to complete the comment; the comment will not be reviewed by the task group until it is editorially complete. The completed comments will then be posted on the 802.16 Maintenance Task Group web page.
- 6) If time permits, prior to the next 802.16 session, a call for reply comments shall be issued for a minimum period of one week. The reply comments will be appended to the original comments and the consolidated comment package posted on the 802.16 Maintenance Task Group web site.
- 7) The comments and reply comments are then reviewed by the Maintenance Task Group during an 802.16 session. The remedies while under review shall be placed in the Group's notes field. The remedies will be presented as a set of editorial instructions adhering to the guidelines presented in the IEEE Standards Style Manual ( <http://standards.ieee.org/guides/style/2005Style.pdf> ). If needed, a remedy shall be provided to those comments generated from Requests for Interpretation. The remedies will be checked for completeness or modified to suggest how it should be completed. It may also be the opinion of the group that a remedy is not necessary, in which case an explanation why a remedy is not necessary will be provided. When the comments and their proposed remedies are reviewed by the task group, they shall be labeled as either:
  - a) Reviewed (meaning < 75% agreement; opposing remedies shall be recorded in the Group's notes field)
  - b) Superseded (meaning >= 75% agreement that another comment addresses the issue)
  - 5.c) No Change Required (meaning >= 75% agreement that no change to the standard is needed)

d) Ready for WG Ballot (meaning  $\geq 75\%$  agreement)

~~If the comment is considered out-of-scope by any members of the task group, it will be noted including the reasons why; a straw-poll result may be included on that opinion.~~

- ~~6.8~~ 8) At the end of the review, the compiled comments with their remedies, including the modifications suggested by the group are posted to the Maintenance Task Group Folder.
- ~~7. Following the 802.16 session, a call for reply comments on the updated comments is issued for a period of two weeks.~~
- ~~8. Reply comments are appended to the original comments. If reply comments are received on a given comment specifying anything other than to accept the recommendation of the Maintenance group, the comment remains open for further discussion by the group.~~
- ~~9. If no reply comments are received or the reply comments specify they accept the recommendation of the group for a given comment, the comment will be considered complete at the next task group review.~~
- 9) The original commentor shall be requested to review each comment response and to designate whether the response is satisfactory or unsatisfactory or whether the comment is to be withdrawn.
- ~~10. 10) Completed comments will be flagged as 'Ready for Ballot' in preparation for a future project. These comments may be printed out into a PDF document format.~~
- ~~11. 11) Comments that originated from Requests for Interpretation will be used to draft responses (usually in the form of a letter) to the requests.~~
- 12) The Maintenance Task Group will recommend a schedule for the development of a future project based on the comments collected so far.

The output database will be forwarded to the Working Group for consideration in a future Working Group Letter Ballot under an appropriate PAR. In that Letter Ballot, each comment will be balloted individually.

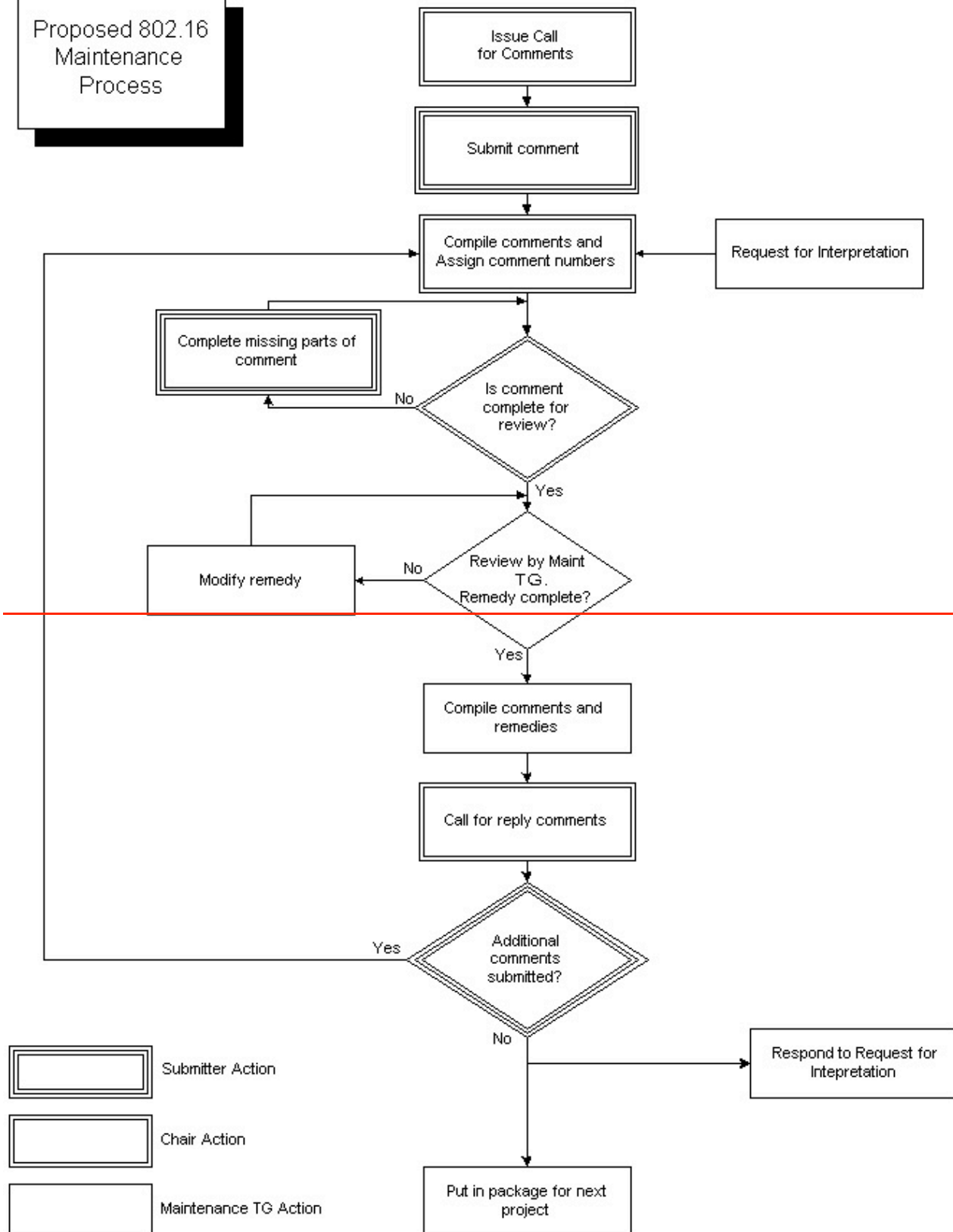
~~With respect to the review of the comments within the Maintenance Task group the Adhoc group suggests the following additional procedures:~~

- ~~• A recommendation to a comment is considered complete if the task group has 100% consensus, and the original commenter agrees to the recommendation. A straw poll may be conducted for recommendations that do not have 100% consensus and the results will be captured in the database for information purposes only.~~

For further discussion contact:

- IEEE 802.16 Maintenance Task Group Chair: Jonathan Labs <[jlabs@wavesat.com](mailto:jlabs@wavesat.com)>
- IEEE 802.16 Working Group Chair: Roger Marks <[marks@nist.gov](mailto:marks@nist.gov)>

# Proposed 802.16 Maintenance Process



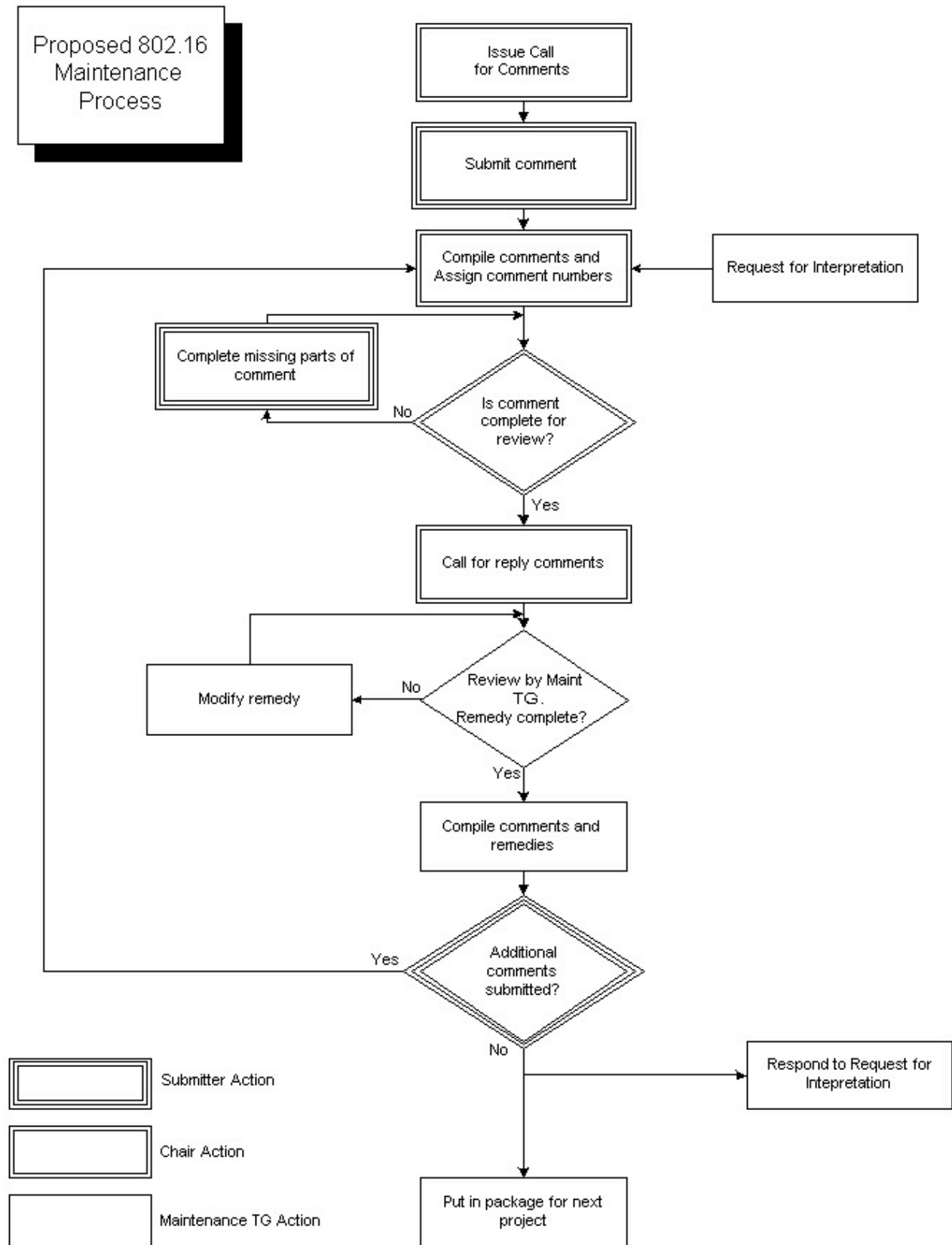


Figure 1

## **Appendix: Adhoc Participants**

Ed Agis  
Aditya Agrawal  
Phillip Barber  
Sean Cai  
David Castelow  
John Humbert  
Panyuh Joo  
Jonathan Labs  
Gaspere Licitra  
Roger Marks  
Yerang Hur  
Jose Puthenkulam  
Lei Wang  
Vladimir Yanover  
Jungnam Yun