IEEE P802.11
Wireless LANs

|  |
| --- |
| P802.11REVmc schedule |
| Date: 2012-10-05 |
| Author(s): |
| Name | Company | Address | Phone | email |
| Adrian Stephens | Intel Corporation |  |  | Adrian.p.stephens@intel.com |
|  |  |  |  |  |

**Abstract**

This document contains (initially) a proposed schedule for REVmc for discussion at the 2012-10-05 TGmc telecon.

R1: reviewed and updated.

R2: Added Jan 2014 WG ballot analysis

The chair of TGmc, Dorothy Stanley, published an initial schedule in the TGmc Sept 2012 closing report (Slide 5, doc 11-12/1182r0).

This contains the following items:

* 20 July 2012 – 12 Sept 2012 – Call for Comment/Input
* 29-30 Aug 2012 – NesCom, SASB PAR Approval
* Sept 2012 – Begin to process input
* Sept 2012 – 11aa, 11ae integration
* TBD – First WG Letter ballot
* Nov or Jan, without 11ad
* Dec 2012 – March 2013 – 11ad integration – March/May ballot
* TBD – Mandatory Draft Review
* TBD – Form Sponsor Pool (45 days)
* TBD – Initial Sponsor Ballot
* Dec 2013 – March 2014 – 11ac integration
* TBD – integration of additional completed amendments (e.g. 11af)
* Nov 2014 – WG/EC Final Approval
* March 2015 – RevCom/SASB Approval

# Nov 2012 Initial WG Ballot

The first schedule is based on an assumption we start WG Ballot in Nov 2012.

This author has produced an initial schedule that is roughly consistent with the dates shown above.

The schedule is in the form of a Microsoft Project 2010 file, plus a .pdf printout for those without Project.



The key decision-points shown in this plan are:

* Ballot starts out of November meeting (Beginning of Dec, allowing for editing and review time)
* 802.11ad roll-in takes place during Initial WG ballot comment resolution period (Feb 2013), which means that D2 includes 802.11ad.
* EC conditional approval to start Sponsor Ballot is sought in the March 2014 plenary. This forces the timing of the last-but-one WG ballot to start before this date to meet EC requirements on conditional approve (only one more ballot). It allows the Fifth WG Recirc to be approved using the accelerated process.
* 802.11ac roll-in takes place during Initial Sponsor (D5) ballot comment resolution period (March 2014), which means that D6 contains 802.11ac.
* EC conditional approval to send to RevCom is sought in the Nov 2014 plenary. This forces a rather tight timing on the Second SB Recirc because the Third SB Recirc must be started before seeking conditional approval.
* No other amendments after 802.11ac are rolled in.

There is an alternate shown for the sponsor ballot, in which EC approval is sought by EC email ballot on the completed sponsor ballot. The alternate does not prioritize completion of comment resolution to occur during an 802.11 session. The alternate allows for a more natural sequence of durations of comment resolution.

Give these decisions, we can fill in the blanks from the previous schedule thus:

* 20 July 2012 – 12 Sept 2012 – Call for Comment/Input
* 29-30 Aug 2012 – NesCom, SASB PAR Approval
* Sept 2012 – Begin to process input
* Sept 2012 – 11aa, 11ae integration
* Nov/Dec 2012 – First WG Letter ballot (without 802.11ad)
* Jan 2013 – March 2013 – 11ad integration – March/May ballot
* Feb 2014 – Mandatory Draft Review
* Feb/March 2014 – Form Sponsor Pool (45 days)
* March 2014 – EC conditional approval to go to sponsor ballot
* April/May 2014 – Initial Sponsor Ballot
* June/July 2014 – 11ac integration
* Nov 2014 (Alternate: Jan/Feb 2015) – WG/EC Final Approval
* March 2015 – RevCom/SASB Approval

# Jan 2013 WG Initial Ballot



The second analysis and set of files is based on a Jan 2013 initial working group ballot.

The main adjustments in the WG ballot phase are:

* WG ballot starts in Jan 2013
* Duration of WG ballot initial comment resolution increased to match the pre-ballot comment resolution phase. The rationale here is that similar number of comments are expects (based on REVmb experience) and there’s no reason we can resolve them twice as fast as in the pre-ballot phase.
* We have mitigated these increases by removing one WG ballot recirculation. Whether this is a reasonable act or not, only time will tell.

The Sponsor ballot phase is divided into three options:

* Option 1 – EC conditional approval in Nov 2014, RevCom approval in March 2015
* Option 2 – EC approval by ballot in Feb 2015, RevCom approval in Feb 2015. Option 2 relaxes some comment resolution timing constraints by not targeting completion of resolution to coincide with the end of 802.11 sessions.
* Option 3 – EC conditional approval in March 2015, RevCom approval in June 2015. Option 3 increases the time to resolve comments after the 802.11ac roll-in to match the time allowed for the 802.11ad roll-in. This requires an extra session of comment resolution.

It is the opinion of the author that Option 3 is the most reasonable. Clearly there are a whole bunch of unknowns that affect the actual date, including the productivity of our commenters and those resolving comments.

## Option 1

The detailed dates are as follows:

* 20 July 2012 – 12 Sept 2012 – Call for Comment/Input
* 29-30 Aug 2012 – NesCom, SASB PAR Approval
* Sept 2012 – Begin to process input
* Sept 2012 – 11aa, 11ae integration
* Feb/Mar 2013 – First WG Letter ballot (without 802.11ad)
* Mar/Apr 2013 – 11ad integration
* Feb 2014 – Mandatory Draft Review
* Feb/March 2014 – Form Sponsor Pool (45 days)
* March 2014 – EC conditional approval to go to sponsor ballot
* April/May 2014 – Initial Sponsor Ballot
* June/July 2014 – 11ac integration
* Nov 2014 – EC conditional approval to go to RevCom
* March 2015 – RevCom/SASB Approval

## Option 2

The detailed dates are as follows:

* 20 July 2012 – 12 Sept 2012 – Call for Comment/Input
* 29-30 Aug 2012 – NesCom, SASB PAR Approval
* Sept 2012 – Begin to process input
* Sept 2012 – 11aa, 11ae integration
* Feb/Mar 2013 – First WG Letter ballot (without 802.11ad)
* Mar/Apr 2013 – 11ad integration
* Feb 2014 – Mandatory Draft Review
* Feb/March 2014 – Form Sponsor Pool (45 days)
* March 2014 – EC conditional approval to go to sponsor ballot
* April/May 2014 – Initial Sponsor Ballot
* June/July 2014 – 11ac integration
* Feb 2015 – EC approval to go to RevCom
* March 2015 – RevCom/SASB Approval

## Option 3

The detailed dates are as follows:

* 20 July 2012 – 12 Sept 2012 – Call for Comment/Input
* 29-30 Aug 2012 – NesCom, SASB PAR Approval
* Sept 2012 – Begin to process input
* Sept 2012 – 11aa, 11ae integration
* Feb/Mar 2013 – First WG Letter ballot (without 802.11ad)
* Mar/Apr 2013 – 11ad integration
* Feb 2014 – Mandatory Draft Review
* Feb/March 2014 – Form Sponsor Pool (45 days)
* March 2014 – EC conditional approval to go to sponsor ballot
* April/May 2014 – Initial Sponsor Ballot
* June/July 2014 – 11ac integration
* March 2015 – EC conditional approval to go to RevCom
* June 2015 – RevCom/SASB Approval