

# 802.1 Plenary - 11/2012

## San Antonio

Closing Agenda

# 802.1 officers etc

## ■ Officers

- Chair: Tony Jeffree
- Vice Chair: Glenn Parsons
- Recording Secretary: Eric Gray
- Security TG Chair: Mick Seaman
- Interworking TG Chair: Steve Haddock
- AV Bridging TG Chair: Michael Johas Teener
- Data Center Bridging TG Chair: Pat Thaler
- Maintenance of website: John Messenger
- Maintenance of Email exploder: Hal Keen

## ■ Website

- <http://www.ieee802.org/1/>
- Username: p8021 Password: go\_wildcats

# Administrative stuff – Upload area

- Website – New Upload area

- The new file upload facility can be accessed from the file naming conventions page at:

- <http://ieee802.org/1/filenaming.html>

# The following are 802.1 voters:

Alon, Zehavit

An, Yafan

Ao, Ting

Ashwood-Smith, Peter

Boiger, Christian

Booth, Brad

Bottorff, Paul

Brandner, Rudolf

Carlson, Craig

Chang, Xin

Cheng, Weiyang

Congdon, Paul

Crupnicoff, Diego

Cummings, Rodney

Desanti, Claudio

Eastlake, 3rd, Donald

Farkas, Janos

Fedyk, Donald

Finn, Norman

Fredette, Andre

Garner, Geoffrey

Ghanwani, Anoop

Goetz, Franz

Gravel, Mark

Gray, Eric

GU, Yingjie

Gunther, Craig

Haddock, Stephen

Hayakawa, Hitoshi

Jeffrey, Anthony

Jochim, Markus

Johas Teener, Michael

Jones, Girault

Kamath, Daya

Keen, Hal

Keesara, Srikanth

Kim, Yongbum

Klein, Philippe

Kleineberg, Oliver

Lynch, Jeff

Mack-Crane, Ben

Martin, David

Messenger, John

Morris, John

Multanen, Eric

Olsen, David

Pannell, Donald

Parsons, Glenn

Pearson, Mark

Pelissier, Joseph

Raeber, Rene

Randall, Karen

Roese, Josef

Romascanu, Dan

Rouyer, Jessy

Sajassi, Ali

Saltsidis, Panagiotis

Seaman, Michael

Seto, Koichiro

Sharma, Rakesh

Shimizu, Takeshi

Stanton, Kevin

Thaler, Patricia

Touve, Jeremy

Vissers, Maarten

Wei, Yuehua

Xiao, Min

The following will become voting members when/if they show up here this week:

Grow, Robert

Muyshondt, Henry

The following could become voting members if they email me indicating their intention to do so and if they show up here this week:

Bickford, Charles

Bragg, Nigel

Catlin, Jeffrey

Flaherty, Stephen

Huang, Lu

Jakovljevic, Mirko

Joshi, Mandar

Moldovansky, Anatoly

Tanaka, Jun

Unbehagen, Paul

Weber, Karl

Weis, Brian

Winkel, Ludwig

# Instructions for the WG Chair

**The IEEE-SA strongly recommends that at each WG meeting the chair or a designee:**

- **Show slides #1 through #4 of this presentation**
- **Advise the WG attendees that:**
  - The IEEE's patent policy is consistent with the ANSI patent policy and is described in Clause 6 of the *IEEE-SA Standards Board Bylaws*;
  - Early identification of patent claims which may be essential for the use of standards under development is strongly encouraged;
  - There may be Essential Patent Claims of which the IEEE is not aware. Additionally, neither the IEEE, the WG, nor the WG chair can ensure the accuracy or completeness of any assurance or whether any such assurance is, in fact, of a Patent Claim that is essential for the use of the standard under development.
- **Instruct the WG Secretary to record in the minutes of the relevant WG meeting:**
  - That the foregoing information was provided and that slides 1 through 4 (and this slide 0, if applicable) were shown;
  - That the chair or designee provided an opportunity for participants to identify patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) of which the participant is personally aware and that may be essential for the use of that standard
  - Any responses that were given, specifically the patent claim(s)/patent application claim(s) and/or the holder of the patent claim(s)/patent application claim(s) that were identified (if any) and by whom.
- The WG Chair shall ensure that a request is made to any identified holders of potential essential patent claim(s) to complete and submit a Letter of Assurance.
- It is recommended that the WG chair review the guidance in *IEEE-SA Standards Board Operations Manual* 6.3.5 and in FAQs 12 and 12a on inclusion of potential Essential Patent Claims by incorporation or by reference.

Note: **WG** includes Working Groups, Task Groups, and other standards-developing committees with a PAR approved by the IEEE-SA Standards Board.

**(Optional to be shown)**

# Participants, Patents, and Duty to Inform

All participants in this meeting have certain obligations under the IEEE-SA Patent Policy. Participants:

- “Shall inform the IEEE (or cause the IEEE to be informed)” of the identity of each “holder of any potential Essential Patent Claims of which they are personally aware” if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents
  - “Personal awareness” means that the participant “is personally aware that the holder may have a potential Essential Patent Claim,” even if the participant is not personally aware of the specific patents or patent claims
- “Should inform the IEEE (or cause the IEEE to be informed)” of the identity of “any other holders of such potential Essential Patent Claims” (that is, third parties that are not affiliated with the participant, with the participant’s employer, or with anyone else that the participant is from or otherwise represents)
- The above does not apply if the patent claim is already the subject of an Accepted Letter of Assurance that applies to the proposed standard(s) under consideration by this group

Quoted text excerpted from IEEE-SA Standards Board Bylaws subclause 6.2

- Early identification of holders of potential Essential Patent Claims is strongly encouraged
- No duty to perform a patent search



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  - There may be Essential Patent Claims of which the IEEE is not aware. Additionally, neither the IEEE, the WG, nor the WG chair can ensure the accuracy or completeness of any assurance or whether any such assurance is, in fact, of a Patent Claim that is essential for the use of the standard under development.
- **Instruct the WG Secretary to record in the minutes of the relevant WG meeting:**
  - That the foregoing information was provided and that slides 1 through 4 (and this slide 0, if applicable) were shown;
  - That the chair or designee provided an opportunity for participants to identify patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) of which the participant is personally aware and that may be essential for the use of that standard
  - Any responses that were given, specifically the patent claim(s)/patent application claim(s) and/or the holder of the patent claim(s)/patent application claim(s) that were identified (if any) and by whom.
- The WG Chair shall ensure that a request is made to any identified holders of potential essential patent claim(s) to complete and submit a Letter of Assurance.
- It is recommended that the WG chair review the guidance in *IEEE-SA Standards Board Operations Manual* 6.3.5 and in FAQs 12 and 12a on inclusion of potential Essential Patent Claims by incorporation or by reference.

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- The above does not apply if the patent claim is already the subject of an Accepted Letter of Assurance that applies to the proposed standard(s) under consideration by this group

Quoted text excerpted from IEEE-SA Standards Board Bylaws subclause 6.2

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- No duty to perform a patent search

# Patent Related Links

All participants should be familiar with their obligations under the IEEE-SA Policies & Procedures for standards development.

Patent Policy is stated in these sources:

IEEE-SA Standards Boards Bylaws

*<http://standards.ieee.org/guides/bylaws/sect6-7.html#6>*

IEEE-SA Standards Board Operations Manual

*<http://standards.ieee.org/guides/opman/sect6.html#6.3>*

Material about the patent policy is available at

*<http://standards.ieee.org/board/pat/pat-material.html>*

**If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at [patcom@ieee.org](mailto:patcom@ieee.org) or visit <http://standards.ieee.org/board/pat/index.html>**

**This slide set is available at <http://standards.ieee.org/board/pat/pat-slideset.ppt>**

# Call for Potentially Essential Patents

- If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance:
  - Either speak up now or
  - Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible or
  - Cause an LOA to be submitted

# Other Guidelines for IEEE WG

## Meetings

- **All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.**
  - **Don't discuss the interpretation, validity, or essentiality of patents/patent claims.**
  - **Don't discuss specific license rates, terms, or conditions.**
    - Relative costs, including licensing costs of essential patent claims, of different technical approaches may be discussed in standards development meetings.
      - Technical considerations remain primary focus
  - **Don't discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.**
  - **Don't discuss the status or substance of ongoing or threatened litigation.**
  - **Don't be silent if inappropriate topics are discussed ... do formally object.**

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See *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and “Promoting Competition and Innovation: What You Need to Know about the IEEE Standards Association's Antitrust and Competition Policy” for more details.

# ISO/IEC JTC1/SC6

- Progress being made on agreement with ISO re 802 standards
- We need to consider submission of 802.1 standards to ISO
- Most urgent one to consider is 802.1X as China now has a national standard for a replacement for 802.1X
- We could submit 802.1X this week
- What do we want to do?

# 802.1 WG could make a decision to submit its standards to ISO to mitigate risks from TEPA-AC & TLSec

**Activities are continuing in SC6 that are potentially contrary to 802.1 interests**

- Related to TEPA-AC & TLSec

**The risks related these activities can be mitigated by submitting 802.1 for ISO ratification**

- A recent resolution by SC6 provides a framework for submitting 802.1 standards for ISO ratification
- The IEEE 802 JTC1 SC is developing the details of the required “participation mechanism”

**In the meantime, 802.1 WG could start the process of obtaining ISO ratification**

- The WG could make the decision today
- The process will take at least 6 months, probably longer

# Activities are continuing in SC6 that are potentially contrary to 802.1 interests

- The China NB has been promoting a number of competitors to 802.1 standards in ISO/IEC JTC1/SC6
  - TEPA-AC is roughly a replacement to 802.1X
  - TLSec is roughly a replacement to 802.1AE
- The main concerns related to these proposals are:
  - They are being promoted on basis of assertions that 802.1 standards are flawed in some way
  - There is a fear that ISO/IEC standardisation will allow 802.1 standards to be banned in China (& other countries) using the “WAPI model”
- In both cases China has stated they will:
  - Standardise the protocols in China
    - TEPA-AC was standardised in October
  - Propose the standards for ratification by ISO
    - Not clear when?



# The risks related to TEPA-AC & TLSec can be mitigated by submitting 802.1 for ISO ratification

- 802.1 WG could submit their standards for ratification by ISO/IEC under the PSDO agreement
  - The PSDO agreement is between IEEE and ISO and allows fast track ratification by ISO of IEEE standards
  - IEEE 802.11-2012 was ratified under this agreement in October 2012
- The benefits are:
  - 802.1 standards will obtain an “international” stamp that is recognised by all countries
  - 802.1 standards will have status in ISO/IEC that makes it more difficult for others to propose duplicate standards
  - The process of ISO/IEC ratification of 802.1 standards may lead to a better understanding and appreciation in SC6 of 802.1 technology

# A recent resolution by SC6 provides a framework for submitting 802.1 standards for ISO ratification

## ■ 802.1 resolution (Res 6.1.10) ...

- *As empowered by clause A1.2.1 of the PSDO agreement between ISO and IEEE, SC 6 decides to allocate responsibility for the revision process of any ISO/IEC 8802-1 standard to the IEEE 802.1 WG while the IEEE 802.1 WG has an ongoing revision process for the IEEE 802.1 standard.*
- *A condition of this resolution is that SC 6 and its NBs have access to an established mechanism to contribute to the revision process in the IEEE 802.1 WG.*

## ■ Summary

- Delegates responsibility for any revisions (including amendments, corrigenda) to IEEE 802.1 WG
- The delegation is valid until 802.1 WG stops its revision activities
- The delegation is conditional on mechanism being established that allow SC6 NBs to provide comments to 802.1 WG

# The IEEE 802 JTC1 SC is developing the details of the required “participation mechanism”

- The likely mechanism (based on discussions at the recent SC6 meeting) will need to include:
  - Notifying SC6 of SG establishment
  - Notifying SC of PAR approval
  - Providing SC6 all LB and SB drafts
    - 802.11 WG has been doing this for about 2 years
  - Providing SC6 NBs and their reps an opportunity to comment on drafts
    - They will not get a vote
    - Their comments will be processed in good faith; if they are late they may be pushed into normal maintenance processes
    - 802.11 WG has sent comment from recent vote in JTC1 on 802.11-2012 to TGmc
- The IEEE 802 JTC1 SC will develop a formal proposal in Jan 2013 in context of 802.11 but it will be applicable to 802.1 and 802.3
- This proposal will be provided to 802.1 WG in Mar 2013 for approval

# In the meantime, 802.1 WG could start the process of obtaining ISO ratification

- The IEEE 802 JTC1 SC leadership is confident that a participation mechanism can be put in place
- In the meantime, 802.1 WG could decide to start the process of getting 802.1 standards ratified by JTC1
  - The process takes 6-12 months
  - The 802.11 WG has already gone down this route
  - IEEE staff would handle all the mechanics
  - It just needs a decision by the WG!
- There are some open questions
  - Does 802.1 WG want to start the process?
  - Which standards should be sent ? 1X, 1AE, 1Q
  - What would they be called in ISO? Hopefully something like ISO/IEC 8802-1X
    - IEEE staff are asking about naming

# Future interim meetings

## ■ January 2013:

- Co-located with 802.11, Jan 14-17, Vancouver Hyatt
- Registration/hotel details:

[http://www.ieee802.org/11/Meetings/Meeting\\_Plan.html](http://www.ieee802.org/11/Meetings/Meeting_Plan.html)

## ■ May 2013:

- Co-located with 802.3, Fairmont Empress in Victoria BC hosted by Ethernet Alliance (Week of May 13<sup>th</sup> through 17<sup>th</sup>)

<http://ieee802.org/1/files/public/docs2012/admin-ea-may12hosting-1112.pdf>

## ■ September 2013:

- Possible co-located meeting with 802.11, China Sept 15-20
- Possible co-located meeting with 802.3, York UK, 2<sup>nd</sup>-6<sup>th</sup>

# Sanity check – current workload

<b>Project</b>	<b>Subject</b>	<b>Stage</b>	<b>Draft#</b>	<b>Next action</b>	<b>PAR ends</b>
802	O&A	WG recirc	D1.5	WG recirc /Sponsor ballot	Dec '13
802.1Qbp	ECMP	TG ballot	D1.3	TG/WG	Dec '15
802.1AX-REV	Link Aggregation	TG ballot	D0.5	TG ballot	Dec '15
802.1ASbt	Time synch enhancements	Pre-draft	-		Dec '15
802.1AS Cor-1	Time synch corrections	WG ballot	D2.1	WG recirc	Dec '15
802.1Q Cor-2	Tech & Ed Corrections	Published	D2.0	None	
802.1Qbu	Frame preemption	Pre-draft	-		Dec '16
802.1Qbv	Scheduled traffic	Editor's draft #2	D0.1	Editor's draft #3	Dec '16
802.1AEbw	Extended packet numbering	Sponsor ballot	D1.1	RevCom	Dec '16
802.1Xbx	MKA extensions	Draft	D0.1	1st recirc (completes 14th Nov)	Dec '16
802.1Q-REV	Bridging revision	PAR approved		Distribute Q 2012 Edition	Dec '16
802.1AB Cor-1	Technical & Editorial corrections	WG ballot	D1.0	Recirc/1st Sponsor ballot	Dec '16
802.1ACby	MOST amendment to AC	Draft PAR	D1.0	WG ballot	
802.1Qbz	802.11 Bridging	Draft PAR		Submit PAR in November	
802.1Qca	SPB Path Control and Reservation	Draft PAR		Submit PAR in November	

# TG reports

- Interworking
- Security
- AVB
- DCB
- Maintenance
- O&A

# Motions



# MOTION

- 802.1 approves the July 2012 and September 2012 minutes:

<http://www.ieee802.org/1/files/public/minutes/2012-07-minutes-v02.pdf>

<http://www.ieee802.org/1/files/public/minutes/2012-09-minutes.pdf>

Proposed: Gray Seconded: parsons

- Approved by acclamation

# MOTION

- 802.1 resolves to hold pre-meeting(s) on the Monday morning of the March 2013 plenary session.
- Proposed: haddock
- Second: gray
  
- Approved by acclamation

# MOTION

- 802.1 resolves to hold an interim meeting in York, 3 To 6 September 2013, co-located with 802.3
- Proposed: Messenger
- Second: parsons
- For\_22\_\_\_\_Against\_0\_Abstain\_7\_

# MOTION

- 802.1 requests approval by IEEE 802 LMSC to grant an extension for its Study Group on enabling the use of 802.11 (including consideration of infrastructure BSS, PBSS, and IBSS associations) as general transit links capable of supporting 802.1 bridging, with the intent of creating a PAR and five criteria.
- Proposed: Finn
- Second: mack-crane
- For\_\_31\_\_Against\_0\_\_Abstain\_2\_\_
  
- EC proposed: Jeffree    Second: Thaler
- For\_\_\_\_Against\_\_\_\_Abstain\_\_\_\_\_

# Motions - Maintenance

# MOTION

- Motion: Authorize teleconference meeting of the maintenance task group on January 9<sup>th</sup> at 11am ET.
- Proposed: Parsons
- Second: gray
- Approved by acclamation

# Motion

- Submit P802.1AB Corrigendum 1 for WG ballot recirc.
- Proposed: Parsons  
Second: gray
- For: 28 Against: 0 Abstain: 0
-

# Motion

- Submit P802.1AS Corrigendum 1 for WG ballot recirc.
- Proposed: Parsons  
Second: gray
- For: 28 Against: 0 Abstain: 0
-



# MOTION

- 802.1 requests EC conditional approval for forwarding P802.1AB-Cor1 to Sponsor ballot.
- Proposed: Parsons
- Second: gray
- For: 31 Against: 0 Abstain: 1
  
- EC proposed: Jeffree Second: Thaler
- For\_\_\_\_Against\_\_\_\_Abstain\_\_\_\_\_

# MOTION

- 802.1 requests EC conditional approval for forwarding P802.1AS-Cor1 to Sponsor ballot.
- Proposed: Parsons
- Second: gray
- For: 31 Against: 0 Abstain: 0
  
- EC proposed: Jeffree Second: Thaler
- For\_\_\_\_Against\_\_\_\_Abstain\_\_\_\_\_

# Motions - AVB

# MOTION

- Motion: The AVB TG will continue to have teleconferences weekly at 9AM (US Pacific) Wednesdays for AVB general topics. Access information will be sent to the 802.1 reflector immediately after the plenary.
- Proposed: Johas Teener
- Second: gunther
- Approved by acclamation

# Motion

- Change the name of the AVB Task Group to the “Time-Sensitive Networking” Task Group
- Proposed: Johas Teener  
Second: gray
- For: -- 27    Against: -- 0    Abstain: --2

# Straw poll

- Time sensitive networking - 18
- AVB and Time sensitive networking 12
- Time sensitive networking and AVB 4
- AVB and other Time sensitive networking 2

# Motion

- Authorize the January 2013 interim to generate a PAR and 5C for pre-circulation to the EC for an amendment to 802.1Q: “Seamless failover via frame replication and duplicate frame elimination for scheduled traffic”
- Proposed: Boiger
- Second: pannell
- For 23 Against 1 Abstain 3

# Motions - Interworking



# MOTION

- Authorize 1-hour teleconferences through the January 2013 802.11 Interim on Monday 3 December, 17 December, and 7 January at 11:00am Eastern US time for 802.11 Bridging study group.
- Proposed: Finn
- Second: teener
- Approved by acclamation

# MOTION ?

- Motion: The Interworking TG will have teleconferences at 7:00AM (US Pacific) Thursdays bi-weekly for AX-REV starting 29 November 2012
- Proposed: Haddock
- Second:
- Approved by acclamation

# MOTION

- 802.1 authorizes the editor of P802.1AX-REV (Norm Finn) to prepare a draft for Task Group balloting.
- Proposed: Haddock Second: finn
- For\_\_24\_\_Against\_0\_\_Abstain\_\_1\_\_

# MOTION

- 802.1 authorizes the editor of P802.1Qbp ECMP (Ben Mack-Crane) to prepare a draft for Working Group balloting.
- Proposed: Haddock Second: mack-crane
- For\_\_28\_\_Against\_0\_\_Abstain\_\_1\_\_

# MOTION

- 802.1 requests EC approval to forward the P802.1ACby Ethernet over MOST PAR to NESCOM.
- Proposed: Haddock
- Second: grow
- For\_8\_\_\_Against\_9\_\_\_Abstain\_\_\_12\_\_\_
- EC proposed: Jeffree seconded: Thaler

# MOTION

- 802.1 requests EC approval to forward the P802.1Qca SPB Path Control and Reservation PAR to NESCOM.
- Proposed: Haddock
- Second: mack-crane
- For \_\_24\_\_ Against \_\_0\_\_ Abstain \_\_3\_\_
- EC proposed: Jeffree seconded: Thaler

# MOTION

- 802.1 requests EC approval to forward the P802.1Qbz Wired and Wireless Bridging PAR to NESCOM.
- Proposed: Haddock
- Second: finn
- For \_\_23\_\_ Against \_0\_\_ Abstain \_\_1\_\_
- EC proposed: Jeffree seconded: Thaler

# MOTION

- 802.1 approves the response to the MEF liaison L00156-000 (CFM Link Trace Trigger).
- Proposed: Haddock    Second: gray
- For\_\_22\_\_Against\_0\_\_Abstain\_2\_\_



# MOTION

- 802.1 approves the response to the ITU liaison ols 443 (Bridging Transparent Clock frames).
- Proposed: Haddock Second: messenger
- For\_\_20\_\_Against\_0\_\_Abstain\_\_6\_\_

# Motions - DCB

# MOTION

- Authorize DCB teleconference with access information to be sent to the 802.1 reflector immediately after the plenary. The call will be used to discuss possible new work.
  - 29 January 2013  
8 AM – 10 AM (US Pacific)
- Proposed: thaler
- Second: gray
- Approved by acclamation

# Motions – O&A

# MOTION

- 802.1 requests EC conditional approval for forwarding P802 O&A to Sponsor ballot.
- Proposed: Gilb Second: gray
- For: Against: Abstain:
  
- EC proposed: Jeffree Second: Thaler
- For\_\_20\_\_Against\_\_0\_Abstain\_3\_\_

# Motions - Security

As required to request/ authorize:

- P802.1AEbw progression
  - 802.0 approval to forward P802.1AEbw D1.1 to RevCom
- 802.1 Security TG interim meeting
- 802.1 Security TG telecon's to resolve TG & WG ballot comments on P802.1Xbx, and to develop further drafts of P802.1Xbx.

NOTE: A motion instructing the P802.1Xbx editor, M. Seaman, to prepare drafts for TG and WG balloting was approved in the March plenary.

# MOTION

- 802.1 requests EC approval to submit IEEE Std 802.1X and IEEE Std 802.1AE to ISO/IEC for approval as International Standards under the PSDO agreement.
- Proposed: Messenger Second: gray
- For\_\_22\_Against\_0\_\_Abstain\_\_1\_\_
  
- EC proposed: Jeffree Second: Thaler
- For\_\_\_\_Against\_\_\_\_Abstain\_\_\_\_\_

# MOTION

- 802.1 requests EC approval to submit P802.1AEbw D1.1 to RevCom.
- Proposed: Messenger Second: gray
- For\_\_19\_Against\_0\_\_Abstain\_2\_\_
  
- EC proposed: Jeffree Second: Thaler
- For\_\_\_\_Against\_\_\_\_Abstain\_\_\_\_\_

[P802.1AEbw D1.0 (MAC Security: Amendment— Extended Packet Numbering) passed Sponsor Ballot (98% approval, 90% response rate), 1 Disapprove vote on Sponsor Ballot Recirculation but all required comments now WITHDRAWN so 100% approval, 90% response.]



# MOTION

- 802.1 authorizes the chair of the Security TG to conduct an interim meeting of the TG in February 2013 in Austin, TX (subject to at least 21 days notice to the 802.1 email exploder).
- Proposed: Messenger      Second: gray
- Approved by acclamation

[It is anticipated that the meeting will be held Tuesday 12<sup>th</sup> February through Thursday 14<sup>th</sup>, finishing early enough on Thursday for flights to both East and West Coast, meeting fee (if any) will be modest, Vitesse Semiconductor have offered to host.]

# MOTION

- 802.1 authorizes the chair of the Security TG, Mick Seaman, to hold conference calls (subject to notice of at least 21 days to the 802.1 email exploder) to resolve TG & WG ballot comments on P802.1Xbx, and to develop further drafts of P802.1Xbx.
- Proposed: Messenger Second: gray
- Approved by acclamation

Motions – Any others?