



IEEE 1904 ANWG Opening Report

Glen Kramer, ANWG Chair
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- Please, state
 - Your name
 - Your affiliation

IEEE SA Standards Board Operations manual

5.3.3.1 Disclosure of affiliation

Each participant's affiliation shall be disclosed at any working group or project meeting. The chair or the chair's delegate shall inform the meeting of the requirement for disclosure of affiliation (see 5.2.1.5 of the *IEEE-SA Standards Board Bylaws*). This shall be via a sign-in (e.g., sign-in sheet, electronic sign-in, verbal disclosure, or electronic communication) that provides for disclosure of employer and any other affiliation, a reminder of the definition of affiliation, and possible penalties for non-compliance.

...

The minutes of each working group or project meeting shall record a list of attendees and the disclosed affiliation of each attendee.

□ 1904 ANWG

- Appoint WG/TF officers
- Form Revision & Maintenance Task Force (RMTF)

□ RMTF

- Review submitted Maintenance Requests
- Discuss ANWG maintenance process

□ 1904.2 TF

- Review UMT use cases
- Review technical proposals
- Review draft structure

Motion #1

- ❑ **Approve the agenda for the August 2014 meeting as presented in `anwg_1408_agenda.pdf`**

- Moved:
- Seconded:

(Procedural, required > 50%)

Motion #2

- Approve minutes of June 2014 meeting as recorded in **anwg_1406_minutes_unapproved.pdf**.

- Post the approved minutes on the WG website as **anwg_1406_minutes_approved.pdf**

– Moved:

– Seconded:

(Procedural, required $\geq 50\%$)

- 1904 Policies & Procedures document was approved by our sponsor COM/SDB on July 29, 2014
 - Minor change in Item c of the Secretary responsibilities:
 - “...and publishing ~~them~~ the draft minutes within 60 calendar days...”

- Announcing formation of Revision & Maintenance Task Force (RMTF)

- RMTF is a standing task force that will be responsible for
 - Receiving, cataloging, and publishing maintenance requests
 - Resolving maintenance requests
 - Developing draft PARs for standards revisions
 - Developing standard revision drafts

□ 1904 ANWG

- Chair: Glen Kramer, Broadcom Corporation
- Vice-Chair: Ken-Ichi Suzuki, NTT Corporation
- Exec. Secretary: Zhou Zhen, Fiberhome Technologies
- Chief Editor: Marek Hajduczenia, Bright House Networks
- Treasurer: vacant

□ 1904.2 UMT TF

- Chair: Lu Yang, RITT
- Editor: Raziel Gabe, PMC Sierra

□ RMTF

- Chair: Curtis Knittle, CableLabs
- Editor: Marek Hajduczenia, Bright House Networks



Call for Patents

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 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.



Participants, Patents, and Duty to Inform

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

- Participants [Note: Quoted text excerpted from IEEE-SA Standards Board Bylaws subclause 6.2]:
 - “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
- Early identification of holders of potential Essential Patent Claims is strongly encouraged
- 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/develop/policies/bylaws/sect6-7.html#6>

IEEE-SA Standards Board Operations Manual

<http://standards.ieee.org/develop/policies/opman/sect6.html#6.3>

Material about the patent policy is available at

<http://standards.ieee.org/about/sasb/patcom/materials.html>

If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at patcom@ieee.org or visit <http://standards.ieee.org/about/sasb/patcom/index.html>

This slide set is available at
<https://development.standards.ieee.org/myproject/Public/mytools/mob/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.**

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.



Project Information and Status

- ❑ No audio recording, No video recording, and No photography
- ❑ No job recruiting
- ❑ NO product pitches
- ❑ NO corporate pitches
- ❑ NO prices!!!
 - This includes costs, ASPs, etc. no matter what the currency
- ❑ NO restrictive notices

- ❑ Attendance of the press should be announced

- ❑ Located at <http://www.ieee1904.org/>
 - Archived technical contributions and email archives are public
- ❑ TF2 Password-protected area
 - Standard drafts are password-protected (IEEE SA rules)
 - TF2 technical contributions online submission form is password-protected to avoid spam.
http://www.ieee1904.org/2/private/tf2_presentproc.shtml
 - TF2 password is: *****

❑ Public **WG** reflector

- Used for general WG announcements (meetings, calls for contributions, etc.)
- To subscribe, send email to **listserv@ieee.org** and include this line in the *body of the message*:
subscribe stds-1904-wg *firstname lastname*
- Archive is public
(http://www.ieee1904.org/wg_pub_archive.shtml)

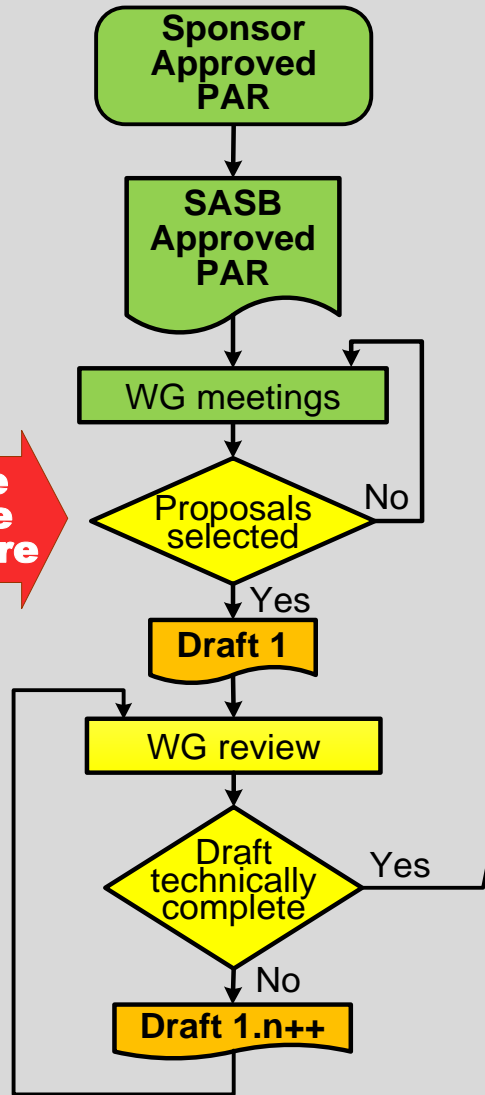
❑ Public **TF2** reflector

- Used for TF2 technical discussions
- To subscribe, send email to **listserv@ieee.org** and include this line in the *body of the message*:
subscribe stds-1904-2-TF *firstname lastname*
- Archive is public
(http://www.ieee1904.org/2/tf2_pub_archive.shtml)

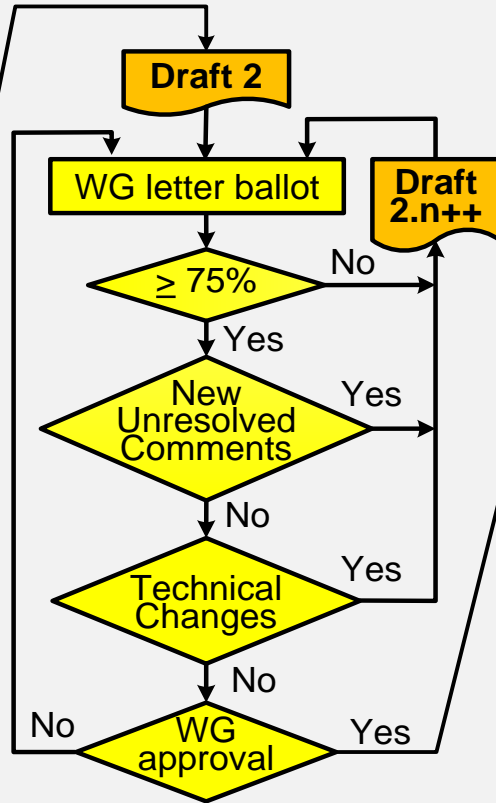
Standardization Process



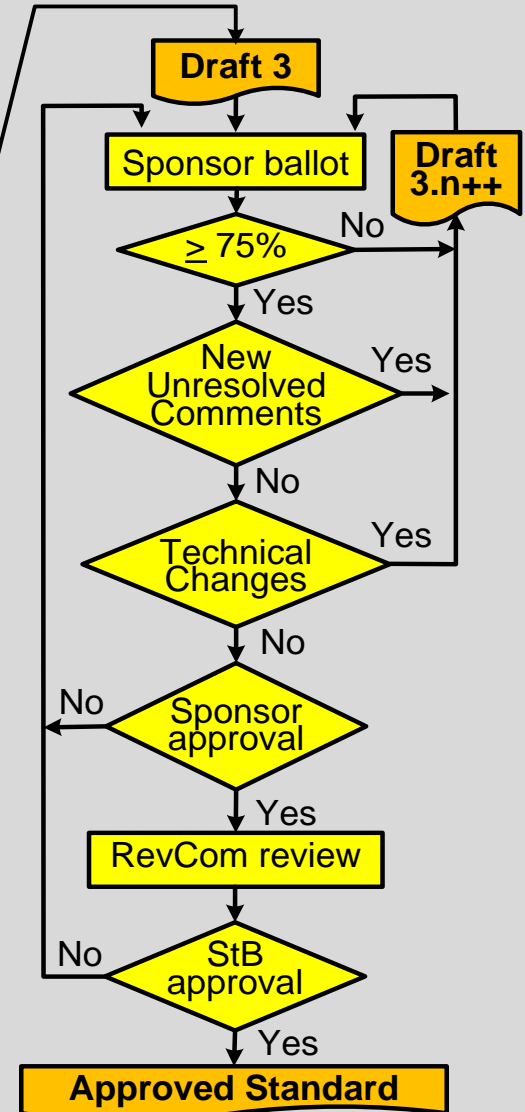
We are here →



Working Group Review



Working Group Ballot



Sponsor Ballot

2014 Meeting Calendar



January						
Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February						
Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

March						
Su	Mo	Tu	We	Th	Fr	Sa
2	3	4	5	6	7	1/8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

April						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

May						
Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

June						
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

July						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

August						
Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24/31	25	26	27	28	29	30

September						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

October						
Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

November						
Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23/30	24	25	26	27	28	29

December						
Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

ANWG window	IEEE 802.3	BBF	CableLabs	ITU-T/FSAN	Conferences
2/11-2/13	1/20-1/24	3/10-3/14	3/2-3/5 – Winter Conf.	FSAN: 2/17-2/21	3/9-3/16 - OFC
4/23 – 4/25	3/16-3/21	6/23-6/27	8/3-8/6 – Summer Conf.	SG15: 3/24-4/4	4/5-4/10 - NAB
6/16-6/20	5/12-5/16	9/15-9/19		FSAN: 5/5-5/9	4/29-5/1 – Cable Show
8/18-8/22	7/13-7/18	12/8-12/12		FSAN: 9/1-9/5	9/21-9/25 - ECOC
10/20-10/24	9/8-9/12			FSAN: 10/27-10/31	*10/15-10/17 - SCTE Expo
12/1-12/5	11/2-11/7			SG15: 11/24 – 12/5	

Holidays	
China	1/30-2/5, 4/5-4/7, 5/1-5/3, 5/31-6/2, 9/6-9/8, 10/1-10/7
Israel	3/13-3/17, 4/14-4/22, 6/3-6/5, 9/24-9/26, 10/3-10/4, 10/8-10/15, 12/16-12/24
Japan	1/1-1/3, 1/13, 2/11, 3/21, 4/29, 5/5-5/6, 7/21, 9/15, 9/23, 10/13, 11/3, 11/24, 12/23 [8/9-8/17 – summer vacation]. [12/27-1/4/15 – winter vacation]
US	1/1, 5/26, 7/4, 9/1, 11/27-11/28, 12/24-12/31

- ❑ February 25-27 – **CableLabs, Sunnyvale**
- ❑ April – **Teleconference**
- ❑ June– **CableLabs** (Thursday: joint workshop with BBF)
- ❑ August – **IEEE SA, Amsterdam**
- ❑ October – **Fiberhome, Wuhan, China**
- ❑ December – **Bright House Networks, Tampa, FL**



Thank You