IEEE P802.11
Wireless LANs

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| **ARC SC Teleconference Meeting Minutes, 26 August 2014** |
| Date: 2014-7-15 |
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Abstract

Minutes of the IEEE 802.11 ARC Standing Committee Teleconference 26 August 2014

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**Tuesday 26 August 2014 ARC SC Teleconference**

**Chair: Mark Hamilton, Spectralink**

**ARC Vice-Chair/Secretary: Joseph Levy, InterDigital**

**Attendees: Adrian Stephens**

**Meeting call to order by Mark Hamilton 1:00 PM (EDT), 26 August 2014**

**Agenda – 11-14/0753r2** (<https://mentor.ieee.org/802.11/dcn/14/11-14-0753-02-0arc-arc-sc-agenda-july-2014.ppt>):

* + **802.1AC revision**
		- DS and Portal architecture (and Annex R), with 802.1 (802.1AC and Bridge) concepts: <https://mentor.ieee.org/802.11/dcn/14/11-14-0497-02-0arc-802-11-portal-and-802-1ac-convergence-function.pptx>
	+ Review/Discussion of 802.1AC draft

**Administrative:**

The Chair reviewed the 802.11 Administrative information regarding policies.

**Call for Patents:**

The Chair reviewed the Patent policy and called for potentially essential patents – there was no response to the call.

**Discussion:**

This meeting was called to discuss work associated with the 802.11 TGmc MIB attributes discussions as described in: 11-14/1060r0 – mc mib-atributes-design-background

The work to be done regarding the MIB attributes was discussed, the open issue was where and how to describe: what gets put in the capabilities field, when things can be activated/deactivated, what needs to be included. There are places were the MIB is broken e.g. in n – you can have STBC turned off and still have STBC sent to you.

So the open questions/work is:

1. There should be a general agreement on how capabilities work – definition vs. education
2. Once the rules are formulated are we following the rules
3. Does ARC define the rules and then fix it or does ARC define the rules and then have TGmc fix it.

Adrian - expressed the concern that we probably all agree that there are rules, but he doesn’t think they are the same rules, hence working out the rules is critical. But, the rules need to be worked out by example, probably lots of examples.

Chair – pointing to 11-09/533r1: does this document provide the rules. The documents break things up in to: capability, status, control

Adrian – does your hardware is capable of doing it or is it you can you do it now. We need to go further than the current definition to deal with dynamic attributes. The control variable is what is signaled over the air. SM notify.

Chair – I agree with all this stuff – but what do we need to change?

The task at hand is to build on the stuff in 533r1 – we need to run through what is there now and find any error, choosing a set of design patterns and provide examples of the correct use of these patterns.

In 802.11n there were a whole bunch of these variables – LDPC enabled, Cisco said this was a switchable variable others thought it was fixed capability variable.

Where was this stuff captured? Answer how detailed were the minutes? Did this make it to the style guide.

TGmc has made sure the definition of all MIB variables have been designed.

So we want to get a list of patterned – and then check if everything fits it.

After additional discussion the way forward was agreed: Marc will start the work and put something together for the Athens meeting.

**Adjourned 2pm EDT**