

Project	P1900.7: Radio Interface for White Space Dynamic Spectrum Access Radio Systems Supporting Fixed and Mobile Operation http://www.dyspan-sc.org/
Title	Minutes of March 24-26, 2015 F2F Meeting
DCN	1900. 7-15-0016-00
Date Submitted	May 26, 2015
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Re:	
Abstract	
Purpose	
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**IEEE 1900.7 WS Radio WG
24-26 F2F Meeting, San Diego, USA
Chair: Stanislav Filin
Vice Chair: Oliver Holland
Secretary: Muhammad Shakir**

AM1 March 24, 2015, 08:00 UTC

1. Call to order

The meeting was called to order by the Chair Stanislav Filin on Tue March 24, 2015 at 08:10 UTC.

- Hoang is appointed to be acting secretary for March 24 and March 25 sessions. No objection.
- The WG Chair performed roll call for registered attendance:

Attendance: Ding Guoro, Filin, Hoang, Ignatius Lee, Dominique, Muhammad Shakir

Summary:

- 6 members were present.
- 6 voting members attendance/8 total voting members, the quorum **was achieved**.

2. Approval of agenda

1. Call to Order – Attendance
2. Approval of agenda
3. Call for essential patent claims
4. Approval of minutes of previous meeting
5. Status report
6. Technical Contribution/Comment resolution

Motion

- To approve 24-26 March 2015 meeting agenda 7-15-0007-00

Moved by:

- Dominique

Seconded by:

- Lee

Results: Motion was approved by unanimous consent

3. Call for essential patent claims

The Chair showed patent policy to the group.

The Chair made a call for essential patent claims. No new essential patent claim was raised.

4. Approval of minutes of previous meeting

Motion

- To approve 11 February 2015 meeting minutes 7-15-0008-01

Moved by:

- Shakir

Seconded by:

- Dominique

Results: Motion was approved by unanimous consent

5. Status report

The WG Chair presented the status report in contribution 7-15-0012-00. The Chair asked for any discussions. None.

6. Technical Contribution/Comment resolution

Dominique presented the contribution 7-15-0010-1 - Cognitive plane.

AM1 session ended at 09:14AM UTC.

AM1 March 25, 2015, 08:00 UTC**1. Call to order**

The meeting was called to order by the Chair Stanislav Filin on Wed March 25, 2015 at 08:09 UTC.

- The WG Chair performed roll call for registered attendance:

Attendance: Muhammad Aljuaid, Filin, Hoang, Oliver Holland, Ignatius Lee

2. Technical contributions**2.1 Contribution 7-15-0009-00: Cognitive Plane: Support for Channel Aggregation, and Other Coexistence Suggestions**

Oliver presented the contribution 7-15-0009-00: Cognitive Plane: Support for Channel Aggregation, and Other Coexistence Suggestions. The group agreed to postpone discussion of this contribution to later sessions as Dominique is absent in this session.

AM1 session ended at 08:49 UTC.

AM1 March 26, 2015, 08:00 UTC**1. Call to order**

The meeting was called to order by the Chair Stanislav Filin on Thursday March 26, 2015 at 08:09 UTC.

- The WG Chair performed roll call for registered attendance:

Attendance: Muhammad Aljuaid, Guoru Ding, Stanislav Filin, Oliver Holland, Ignatius Lee, Dominique Noguét, Muhammad Shakir

2. Technical contributions:

Dominique presented contribution 7-15-0011-01. Dominique explained that he is going to present the word document of the PPT presentation he presented on Tuesday. He presented the contribution to the working group. He mentioned that there is a typo is ChannelMapMask type and it should be corrected to 128 byte table instead 32 bits fields. Stanislav called for question from the working group. No questions received. Stanislav suggested Dominique to upload the updated revised version as 7-15-0011-02.

Motion:

To modify P1900.7 draft D4 as shown in contribution 7-15-0011-02

Moved by:

- Dominique

Seconded by:

- Zeeshan

Results: Motion is approved by unanimous consent

Technical comments resolutions: Stanislav further said that there was another contribution; Oliver has already presented the contribution yesterday. There were some discussions on interference point of view and benefits of aggregation. Dominique said what about 2MHz option for users, Oliver said they did not think over it before, but now may have choice of multiple users. Dominique said what does it mean by “should” is it considered as a compulsory? Oliver said it is a recommendation and Stanislav also seconded that seems it is optional. Dominique said now it is clear that it is for more information. Oliver said yes it should be considered as normative to draft standard. Dominique further said if it is compulsory then he would understand the purpose but if it is an optional then what is the usefulness of the statement. Oliver said there are some examples in 1900.1 where we have such paragraphs in junction with some illustrations and flow charts. Dominique said he has some comments on slide 10. He asked further what is the mandatory part here is in flow chart. Oliver said the solid boxes are mandatory part. Dominique said under CSMA sharing, network may decide to use one chunk of 2MHz. Oliver said sensing should be on 8MHz and selection should be on 2MHz, depending on mode selection. Dominique said the diagram is generic enough to be applicable to all cases.

Dominique further said he wanted to assure is everything is according to regulations? He also said if this is all inherited from regulations then we do not need such para. Stanislav said the same. Oliver said he does not have any strong opinion at this point. There have been some discussions on regulations and recommendations in the working group. Oliver said it is in the same sense as CSMA and trying to maximize the coexistence. Dominique said CSMA is a procedure and all devices are compliance.

Stanislav said slide 9 and 10 are opposite to each other. Slide 9 recommends using less channels and slide 10 says to aggregate the channels. Oliver said this is misunderstanding. Dominique said standard should be as open as possible to have very wide impact. Dominique said if it is not compulsory what is the use? May be no one implement it? Oliver said it could improve the interference. Dominique said he understood the goal of the statement to improve the coexistence, he further said however; we should also leave the implementation as free as possible.

Stanislav suggested to creating an informative annex based on this contribution with some examples and then including some recommendations. Dominique said it could be good compromise. Stanislav asked Oliver how he would prefer to move. Oliver agreed and said he is willing to opt for the suggestion that this contribution could be part of annex to the standard.

Stanislav propose the schedule to make decision on this part. Stanislav said if we need to finish everything this year then we should finish the draft by Oct 2015. Stanislav also said we can release the draft, and opt for electronic voting to approve the draft and start sponsor ballot. It could be done by end of April. Stanislav said if there is no intention to expend the work and include considerable more work then we should start the balloting.

Oliver said based on the timeline, he is agreed to move the contribution to normative annex. Dominique said he has one concern about the cognitive plane that it has many recommendations and limited contributions. This section may be considered as a shallow and may create problem in sponsor balloting. Stanislav said we have strong MAC and PHY and he was expecting good contribution on cognitive plane but did not receive much by the deadline. Stanislav prepared a potential motion to move the contribution to annex.

Motion

To request Technical Editor to create informative annex “Coexistence considerations” based on contribution 7-15-0009-02

Moved by:

- Oliver

Seconded by:

- Dominique

Results: Motion is approved by unanimous consent

Stanislav also suggested having motion in working group to remove the empty sections form draft standard.

Motion

To request Technical Editor to remove all empty sections from the draft and to correct editorial mistakes if any

Moved by:

- Lee

Seconded by:

- Dominique

Results: Motion is approved by unanimous consent

3. Next meeting:

Stanislav presented the schedule for next F2F and teleconference meetings.

Motion

To approve the following meeting schedule of the 1900.7 WG:

- F2F meeting co-located with IEEE DySPAN-SC plenary
- July 27-30, Berlin, Germany

Teleconferences

- April 22, 8:00-10:00 UTC
- May 27, 8:00-10:00 UTC
- July 15, 8:00-10:00 UTC

Moved by:

- Dominique

Seconded by:

- Aljuaid

Results: Motion is approved by unanimous consent

4. AOB:

Stanislav asked the group if there is any other business to be discussed within the working group. No concerns received.

5. Adjourn

Motion

To adjourn

Moved by:

Dominique

Seconded by:

Aljuaid

Results: Motion is approved

F2F meeting adjourned.