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 May 21 Teleconference Meeting**
DCN	**1900.7-12-0035-00**
Date Submitted	**June, 13 2012**
Source(s)	Muhammad Zeeshan Shakir, muhammad.shakir@kaust.edu.sa
Re:	
Abstract	
Purpose	
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IEEE 1900.7 WS Radio WG
May 21, 2012
Teleconference
Chair: Stanislav Filin
Vice Chair: Oliver Holland
Secretary: Muhammad Zeeshan Shakir

May 21, 10:00 AM, UTC

1. Call to Order

The meeting was called to order by the chair Stanislav Filin on May 21 at 10:05AM UTC. The Chair asked Secretary Muhammad Zeeshan Shakir to perform roll call for attendance.

Attendance

S.No.	Name		Employer	Affiliation
	Last	First		
1.	Aljuaid	Muhammad	Saudi Aramco	Saudi Aramco
2.	Filin	Stanislav	NICT	NICT
3.	Hoang	Vinh-Dien	NICT	NICT
4.	Holland	Oliver	King's College London	King's College London
5.	Kliks	Adrian	PUT	PUT
6.	MacKenzie	Richard	BT	BT
7.	Prasad	Vankatesha	TU Delft	TU Delft
8.	Shi	Huaizhou	TU Delft	TU Delft
9.	Shakir	Muhammad	Texas A&M/KAUST	Texas A&M/KAUST
10.	Wiecek	Dariusz	NIT Poland	NIT Poland

The sectrary performed roll call for attendance:

- 10 participants present
- 7 voting members out of total 13 voting members (quorum is achieved)

2. Approval of Agenda

The Chair asked for any technical contribution for today's meeting. No one came forwards with new contributions.

Motion

To approve May 21 meeting agenda 7-12-0028-01.

Moved by **Oliver Holland**
Seconded by **Richard MacKenzie**

The chair asked for any discussions. None. The question was called.

The chair made a call for any objections. No objections.

The motion was approved with unanimous consensus.

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 claims were indicated.

4. Approval of minutes of April 23 meeting

The secretary briefly presents the minutes of the April 23 meeting 7-12-0029-00 highlighting the final location for October meeting and comments on the general requirements.

Motion

To approve April 23 meeting minutes 7-12-0029-00.

Moved by **Hoang Vinh-Dien**
Seconded by **Vankatesha Prasad**

The chair asked for any discussions. None. The question was called.

The chair made a call for any objections. No objections.

The motion was approved with unanimous consensus.

5. Status report

The chair presented the status report 7-12-0032-00.

The chair called for any questions and concerns on the report. No questions.

7. Technical contributions

Shi Huaizhou has presented new user case 7-12-0031-00 on P2P Cellular technologies. Following are the summary and highlights of the discussion on the presentation.

1. Shi Huaizhou presents the P2P user case as a possible contribution towards new user case. It has been discussed that the standard should support both the centralized management and base station management.
2. Vankatesha Prasad further explained that we can manage distributed channel allocation. We do not need to use common control channel and we can use hybrid kind of configuration.
3. It has been further highlight during discussion between Oliver Holland, Shi Huaizhou and Vankatesha Prasad that fairness or fairness reaching algorithms should be considered for 1900.7 and this may be easier for centralized topology. Moreover the final conclusion of the discussion are:
   a. Power down the rest of the base station
   b. Sensing can be consolidated at one place
   c. Cognition can be established on base station for channel selection
4. Vinh-Dien Hoang raised a concern about the security when we exploit P2P cellular technology and emphasize that we need to agree on what we want to carry P2P or MIMO. He further said that P2P cellular topology may be too complicated and security issues may be more complex.
5. Vankatesha Prasad add to Vinh-Dien Hoang concern that base station can provide secure link between base stations and CPs and when we consider P2P cellular technology the security between the two CPs can also be managed by the base stations.
6. At the end there was discussions on the on use of fairness issues, spectrum management and allocation and highlight the importance of considering fairness for standardization.
7. Vankatesha Prasad and Shi Huaizhou welcome any suggestions and contribution to strengthen the presented user case.

Comments on general requirements have been discussed between Adrian Kliks, Stanislave and Oliver holland includimng the coverage and power transmission requirements.   No new comments and questions have been raised on the floor.

8. Next meetings

The chair indicated the following next meeting information.

Next meeting will be held at Grenoble, France from June 25-28, 2012.

The chair presents the details of the next meeting 7-12-0033-00.

The presentation include the proposed plan of the meeting and remaining issues to be discussed and finalzed during the June meeting.

The chair call for any questions. No questions raised on the floor.

9. AOB

The chair made a call for any other business. No one came forward with new business.

10. Adjourn

Motion

To adjourn
Moved by **Zeeshan Shakir**
Seconded by **Ignatius Lee**

The chair made a call for any objections. No objections.

The motion was approved with unanimous consensus.

Meeting adjourned at 11:50 AM, UTC.