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| Project | **IEEE 1900.7 Radio Interface for White Space Dynamic Spectrum Access Radio Systems Supporting Fixed and Mobile Operation <**http://grouper.ieee.org/groups/dyspan/7/index.htm**>** |
| Title | Interfaces and Service Access Point (SAP) |
| Date Submitted | 2013-08-20 |
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| Re: | In response to open call for contributions IEEE 1900.7-12/0063r00 |
| Abstract | This provides a detail explanation for PHY, MAC, convergence sublayers within reference model for 1900.7 network |
| Purpose | To be discussed and adapted by WG for draft 1900.7 standard |
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# Interfaces and Service Access Point (SAP)

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# Introduction

# This contribution a detail explanation for Interfaces and Service Access Point (SAP) within reference model for 1900.7 network.

# Text Proposal in IEEE 1900.7 Draft

Note:

The text in **BLACK** color: the existing text in the Draft

The text in **~~RED~~** color: the removal of existing text in the Draft

The text in **BLUE** color: the new text added to the Draft

**[*Remedy 1: Replace the existing text with the following in 1900.7 Draft*]**

*[-------------------------------------------------Start of Text Proposal---------------------------------------------------]*

* 1. Network reference model



Figure : Network Reference Model of the IEEE 1900.7 station

Figure 3 describes a simplified network reference model. Multiple RS or MS may be attached to a BS. MS communicate to the BS over the WS interface.

**5.5.1 MS and BS Interface**

TBD

5.5.2 Management SAP (M-SAP)

The Management SAP may include, but is not limited to primitives related to the following:

* System configuration
* Monitoring statistics
* Notifications/Triggers

5.5.3 Control SAP (C-SAP)

The Control SAP may include, but is not limited to primitives related to the following:

* Handovers
* Subscriber and Session management
* Security context management
* Radio Resource Management
* AAA (Authentication, Authorization, and Accounting) server signaling, etc.

*[-------------------------------------------------End of Text Proposal----------------------------------------------------]*

# References

[1] IEEE 1900.7-12/0063r00, “Open call for contributions”

[2] IEEE 1900.7-12/0041r01, “Reference Models and Management Model”

[3] IEEE 1900.7-13/0027r00, "Draft 1900.7 standards/D1"