



# **Liaison Agreement between WWRF - SDRF**

Version 1.0

5 July 2004

## **Editors**

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## 1. Introduction

This document discusses on the liaison agreement between the Wireless World Research Forum (WWRF) and the Software Defined Radio Forum (SDRF). The WWRF and SDRF objectives and structure are briefly summarised, before focusing on the points on which the liaison can be based.

## 2. WWRF Objectives and Structure

This section presents the Wireless World Research Forum's (WWRF's) main objectives.

- develop a consistent vision of the future Wireless World
- generate, identify, and promote research and trends
- identify and assess the potential of new technologies and trends
- contribute to the definition of research programs
- ease future standardization by harmonizing and disseminating views

WWRF is structured in working groups (WGs) and Special Interest Groups (SIGs), as described in the following points. More details can be found in [1].

- Human Perspective and Service Concepts
- Service Architecture
- Co-operative and Ad Hoc Networks
- New Air Interfaces, Relay-based Systems and Smart Antennas
- Short Range Wireless Communication Systems
- Reconfigurability
- Spectrum topics
- Security
- Self organization in wireless world systems

## 3. SDRF Objectives and Structure

The mission of the SDR Forum is to accelerate the development and deployment of SDR technologies in wireless networks to support the need of civil, commercial, and military market sectors. Details on SDRF can be found in [2].

The Technical, Regulatory, and Markets Committees in the Forum, and their working groups:

- Develop requirements and/or standards for SDR technologies
- Cooperatively address the global regulatory environment
- Provide a common ground to codify global developments
- Serve as an industry meeting place

## 4. Points in the Liaison Agreement

This section sets out the understanding between WWRF and SDRF, for the establishment of liaison activities. The agreement shall be effective, from the date signed by respective representatives, for an initial duration of three years, after which it can be extended.



More specifically, the following activities may be enabled by the agreement:

- WWRF and SDRF can conduct joint workshops and organise working meetings within the framework of such workshops.
- Representatives of WWRF can be invited to submit contributions to and participate in the SDRF Technical Conferences.
- Representatives of SDRF can be invited to submit contributions to and participate in WWRF workshops and Wireless World Research Forum Meetings.
- WWRF and SDRF can exchange information concerning their Road-Maps and respective plans for the dissemination of information in areas of mutual interest.
- WWRF and SDRF can share activities in conducting surveys among interested parties in the field of reconfigurability, software defined radio and cognitive radio.
- WWRF and SDRF can jointly disseminate information in areas of mutual interest.
- WWRF and SDRF can exchange approved white papers, request for comments and other information in areas of mutual interest to WWRF and SDRF.

With respect to the last point, a particular WWRF WG that has mutual interest with SDRF, and therefore can be used for realizing the link between the two fora, is the one on Reconfigurability (WWRF/WG6), which develops the following white papers:

- Application Scenarios, System Requirements, Roadmaps
- Network Architecture and Support Services
- Cognitive Radio, Spectrum and Radio Resource Management
- Reconfigurable Elements, Flexible Air-Interfaces, SDR

It is envisaged that information on the aforementioned white papers will be exchanged between WWRF and SDRF, and that contributions will be scheduled.

WWRF and SDRF agree that no information exchanged as a result of any of the activities envisaged by this memorandum, shall be regarded as confidential.

Neither WWRF, SDRF nor their respective members grants any licences under any intellectual property rights as a result of any activities covered by the understandings of this memorandum.

Either organization, WWRF or SDRF, can cancel this agreement at any time.

## **5. Conclusions**

This document is a liaison agreement between WWRF and SDRF. It started from the presentation of the main objectives of the two fora, before focusing on the points on which the liaison can be based.

## **6. References**

[1] Wireless World Research Forum (WWRF) Web site, [www.wireless-world-research.org](http://www.wireless-world-research.org)

[2] Software Defined Radio Forum (SDRF) Web site, [www.sdrforum.org](http://www.sdrforum.org)



## 7. Signatures

Agreed on behalf of WWRF

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Mikko Uusitalo

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Date

Agreed on behalf of SDRF

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Allan Margulies

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Date