



**Endorsement of Standard Spectrum  
Resource Format Version 3.x**

**Working Document WINNF-14-R-0019**

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# Endorsement of Standard Spectrum Resource Format Version 3.0

## 1 Endorsement Statement

The Standard Spectrum Resource Format (SSRF) is a government specification published by the Military Communications Electronics Board and is issued under the authority of DOD Directive 5100.35. SSRF is aligned with the National Telecommunications and Information Administration (NTIA) Office of Spectrum Management's Data Dictionary (OSMDD) and the North Atlantic Treaty Organization (NATO) Spectrum Management Allied Data Exchange Format – eXtensible Markup Language (SMADEF-XML). The specification defines standard data elements for the automated exchange of radio-frequency (RF) spectrum-related data that includes:

- RF equipment and antenna parameters
- Spectrum supportability requests and associated host nation replies
- Temporary and permanent frequency proposals and assignments
- Frequency allotments
- Interference reports

The SSRF specification is available to the public and complete distributions have been shared with members of the Forum [1]. SSRF version 3.0 and 3.1 have been thoroughly evaluated and deemed suitable for the exchange of spectrum related data between nodes within the same security domain of commercial spectrum sharing system. This includes TV White Space systems and prospective administrative systems for the 3.55 GHz Citizens Broadband Radio Service.

The SSRF specification is widely used and under active joint government/industry development. Members of the Forum believe that wider adoption of this standard can help to facilitate spectrum sharing between and amongst government and commercial users globally.

Therefore, the members of the Wireless Innovation Forum endorse version 3 of the SSRF specification as a preferred standard. This endorsement is non-exclusive.

## 2 Normative References

[1] WINNF-14-I-0002 Standard Spectrum Resource Format version 3.0,  
<http://groups.winnforum.org/p/cm/ld/fid=47>