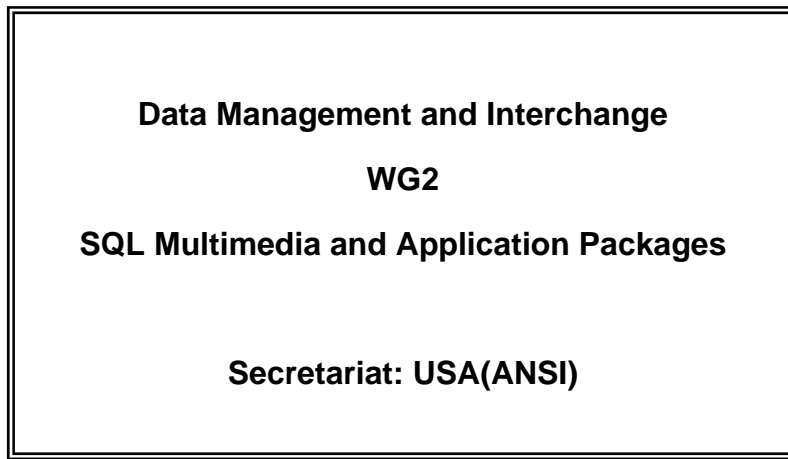


## ISO

International Organization for Standardization



**Title:** Status report of ISO/IEC 20943 – Part 6: Procedure for the Specification of Web Ontology (PSO)

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**Status:** PDTR

**Source:** Korea National Body

**Abstract:** This includes the status report associated with the 1<sup>st</sup> working draft of this part.

### References:

- [1] SC32/WG2 N1283 Presentation on Procedure for Specification of Web Ontology, June 25, 2009
- [2] SC32/WG2 N1291 Canadian position on Procedure for Specification of Web Ontology
- [3] WG2\_N1313 Notes from Wuhan Study Period meeting on Registry of Registry (ROR), On-Demand Model Selection (ODMS), Procedure for the Specification of Ontology (PSO), & SQL/MM Part 8 - Metadata Registry (SQL/MM-8 MDR) Wuhan University, August 21 & 22, 2009.

## 1. Introduction

This document reports the comments and changes associated with the text for (1st Working Draft) ISO/IEC 20943 – Part 6: Procedure of the Specification of Web Ontology (PSO) 1st Edition.

## 2. Comments and Notes

#	Comments from CA	Wuhan meeting	Description	Notes
1	Canada requests that the proposed work on Web Ontology Specification first consider the ongoing work on 11179-3 Edition 3 and 19763-3 Edition 2. If there is material that merits standardization, WG2 should first look at positioning the material in one of these existing projects.	This is agreed. There is some concern that both are moving targets, however any procedures that are developed by this Technical Report should be consistent with the specifications in 11179-3 (E3) and 19763-3 (E2). Note that this would expand the scope and work required, so the developers need to study the impact of this outcome.	Disagreed.  With the following reasons, we'd better first develop this part 20943-6: PSO based on MDR 2nd edition. Later, we'll consider how to consider MDR-3 (3rd ed.) and MFI-3 (2nd ed.) standards.  1) Now there is an effort to harmonize MDR and MFI. 2) MDR-3 and MFI-3 are under development. 3) We need to support the MDR systems developed based on ISO/IEC 11179 2nd edition.	CA-01 on 1WD 19763 part 6 Ed 1
2	If the material is still only intended to be a Technical Report, the TR can be organized into clauses along the lines suggested for the three parts.	The use of the word "Part" was inadvertent. The intention is to create Clauses within a single Part (20943-6).	Accepted.  In 1WD, changed as follows: <i>Clause 1: Framework for ontology building</i> <i>Clause 2: Mapping model between MDR and ontology</i> <i>Clause 3: Processes for ontology building</i>	CA-02 on 1WD 19763 part 6 Ed 1
3	The term 'Web Ontology' is not meaningful. What makes an Ontology a 'Web' Ontology?	The intention is to use a URI for all concepts, relations, etc. in the ontology. This is what is meant by "Web Ontology". However, if the use of "Web Ontology" is confusing to WG 2 then the word "Web" will be dropped.	Accepted. This is agreed at Wuhan meeting. 1st WD uses "Ontology" not "Web Ontology".	CA-03 on 1WD 19763 part 6 Ed 1
4	"Ontology Specification" on its own is too broad and needs to be qualified to reflect the scope of the standard.	We will use the words build, guidance, etc. and try to avoid the words specification and standard as they relate to this document.	Accepted.  Korea agrees to adopt the term " <b>build</b> ".	CA-04 on 1WD 19763 part 6 Ed 1
5	Since the proposal deals with specifying Ontologies based on MDR, we suggest this should be reflected in the project title.  A simple change to the existing titles, removing 'Web' and inserting 'MDR-based' gives: - Framework for MDR-based Ontology Specification - Procedure for MDR-based Ontology Specification  However, is it the Ontology or the Specification that is MDR-based? Perhaps the following would be better: - Framework for MDR-based Specification of Ontology - Procedure for MDR-based Specification of Ontology	The group suggests a name such as: Guidance for Building Ontologies based on 11179-3 MDR and 19763-3 MFI	Disagreed.  20943 family is based on ISO/IEC 11179 MDR. Therefore, we don't need to name using such a modifier "-based on 11179-3 and 19763-3 MFI".  We suggest the following titles: 1) Framework for Building of Ontology (-gies) 2) Procedure for Building of Ontology (-gies) 2) Guidance for Building of Ontology (-gies)	CA-05 on 1WD 19763 part 6 Ed 1