

**ISO/IEC JTC 1  
Information Technology**

**Document Type:** New Work Item Proposal

**Document Title:** New Work Item: Amendment (Amd1) to ISO/IEC 19776-2.2:2008

**Document Source:** SC 24 Secretariat

**Reference:**

**Document Status:** This document is circulated to JTC 1 National Bodies for concurrent review. If the JTC 1 Secretariat receives no objections to this proposal by the due date indicated, we will so inform the SC 24 Secretariat

**Action ID:** Act

**Due Date:** 2010-04-11

**No. of Pages:** 6

Our ref.: DIH

Date: 2010-01-08

## Secretariat of ISO/IEC JTC 1/SC 24

### Computer graphics, image processing and environmental data representation"

Title:	New work item (NP): Amendment (Amd1) to ISO/IEC 19776-2.2: 2008
Source:	WG6 Convenor
Replaces:	--
Document Type:	NP for ballot
Project:	ISO/IEC 19776-2: 2008 Amd1
Status:	This document is circulated to SC24 P-members for ballot.
Action ID:	For ballot. Please use the electronic committee balloting application.
Due Date:	2010-04-08
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## New Work Item Proposal

7 July 2009

### PROPOSAL FOR A NEW WORK ITEM

Date of presentation of proposal: 2009-07-07	Proposer: ISO/IEC JTC 1/SC 24
Secretariat: BSI	ISO/IEC JTC 1 N XXXX ISO/IEC JTC 1/SC 24 N 3149

**A proposal for a new work item** shall be submitted to the secretariat of ISO/IEC JTC 1/SC 24, with a copy to the ISO Central Secretariat.

**Presentation of the proposal** - to be completed by the proposer.

<b>Title</b> Amendment to ISO/IEC 19776-2.2 X3D encodings Classic VRML
<b>Scope</b> The new work to be addressed is an amendment to  The work to amend includes the following: 1) Modifications to the header portion of the file to support versioning features 2) Modifications to maintain consistency and compatibility with proposed changes to the X3D Abstract Specification (19775-1) 3) Other changes to improve overall document consistency  <b>The intent is to produce a merged document incorporating the existing specification with the approved amendment.</b>

## **Purpose and justification**

### 1) Modifications to the header portion of the file to support versioning features

Currently an encoding can only change when the functional specification changes. This item allows encodings to change independently of the function changes. <add more detail>

### 2) Modifications to maintain consistency and compatibility with proposed changes to the X3D Abstract Specification (19775-1)

Additions and updates to 19775-1 may require changes to this document to support new features or maintain compatibility with existing capabilities. Draft text will be developed as necessary and submitted for this amendment.

### 3) Other changes to improve overall document consistency

As the changes described above are developed and mapped to the current text of the standard, additional consistency problems may be identified and should also be fixed. Suitable text for improving the current text will be developed, as necessary.

**Programme of work**

☐ a single International Standard

☐ more than one International Standard (expected number: ..... )

☐ a multi-part International Standard consisting of ..... parts

☒ an amendment or amendments to the following International Standard(s):  
ISO/IEC 19776-2.2.

☐ a technical report, type .....

And which standard development track is recommended for the approved new work item?

☐ a. Default Timeframe

☒ b. Accelerated Timeframe

☐ c. Extended Timeframe

**Relevant documents to be considered**

ISO/IEC 19776-2.2

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**Co-operation and liaison**

Web3D Consortium

**Preparatory work offered with target date(s)**

SC 24 is prepared to undertake the preparatory work required for this new work item. This project begins at level 3 for all the standards to be amended. The schedule for the amendment is as follows:

PDAM ballot	FPDAM ballot	FDAM ballot	Publication
8/2010	3/2011	10/2011	4/2012

**Signature:**

Will the service of a maintenance agency or registration authority be required ..... NO .....

- If yes, have you identified a potential candidate? .....

- If yes, indicate name .. ...

Are there any known requirements for coding? .....NO..... - If yes, please specify on a separate page

Does the proposed standard concern known patented items? ..... NO .....

- If yes, please provide full information in an annex

Are there any known accessibility requirements and/or dependencies?.... NO .....

- If yes, please specify on a separate page.

Are there any known requirements for cultural and linguistic adaptability?... NO .. ...

- If yes, please specify on a separate page.

**Comments and recommendations of the JTC 1 or SC 24 Secretariat** - attach a separate page as an annex, if necessary

**Comments with respect to the proposal in general, and recommendations thereon:**

It is proposed to assign this new item to JTC 1/SC 24

**Voting on the proposal** - Each P-member of the ISO/IEC joint technical committee has an obligation to vote within the time limits laid down (normally three months after the date of circulation).

<b>Date of circulation:</b> <input type="text" value="2010-01-08"/>	<b>Closing date for voting:</b> <input type="text" value="2010-04-08"/>	<b>Signature of Secretary:</b> <input type="text" value="David Hyde"/>
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<b>NEW WORK ITEM PROPOSAL - PROJECT ACCEPTANCE CRITERIA</b>		
<b>Criterion</b>	<b>Validity</b>	<b>Explanation</b>
<b>A. Business Requirement</b>		
<b>A.1 Market Requirement</b>	Essential _ <b>X</b> _ Desirable ____ Supportive ____	The ISO/IEC 19776-2.2 standard is an essential component of several IT applications currently in use. The proposed amendment is essential to the successful operation of those applications and to the adoption of this standard by several additional market segments.
<b>A.2 Regulatory Context</b>	Essential ____ Desirable ____ Supportive ____ Not Relevant <b>X</b>	
<b>B. Related Work</b>		
<b>B.1 Completion/Maintenance of current standards</b>	Yes _ <b>X</b> _ No ____	ISO/IEC 19776.2

<b>B.2 Commitment to other organisation</b>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Web3D Consortium
<b>B.3 Other Source of standards</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
<b>C. Technical Status</b>		
<b>C.1 Mature Technology</b>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	The proposed additional technology is mature. Addition of these proposed amended items is essential to their use and completeness as well their continued longevity.
<b>C.2 Prospective Technology</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
<b>C.3 Models/Tools</b>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Exemplar models and tools are available for demonstrating all capabilities and all changes
<b>D. Conformity Assessment and Interoperability</b>		
<b>D.1 Conformity Assessment</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
<b>D.2 Interoperability</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
<b>E. Adaptability to Culture, Language, Human Functioning and Context of Use</b>		
<b>E.1. Cultural and Linguistic Adaptability</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
<b>E.2. Adaptability to Human Functioning and Context of Use</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
<b>F. Other Justification</b>		