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Change Request #:	138
Assigned OGC Document #:	11-028
Name:	*Marcel Reuvers
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Document Name/Version:	*WMS 1.3.0 (ISO 19128), WMS 2.x; OGC Web Service Common Implementation Specification 2.0; ISO 19119:2 / x.x
OGC Project Document:	*999
If this is a revision of a previous submission and you have a Change Request Number, then check here: ☐ Enter the CR number here: Enter the Revision Number that you are revising here:	
Title: 	*Service metadata WMS 1.3.0 and ISO 19119 differs: alignment is needed in future versions of OWS common 2.0 with (newest version of) ISO 19115
Source: 	*Inspire IOC TF - Inspire view service Technical Guidance
Work item code: 	
Category: 	* C (Functional modification of feature)
Reason for change: 	* Differences between service metadata of: • ISO 19119 and ISO 19128 of ISO/TC 211 • WMS 1.3.0 and ISO 19119 of OGC and ISO/TC 211 • ISO/CD 19115 - ISO 19119 and OWS common of OGC and ISO/TC 211 The service metadata will become part of the newest version of ISO 19115. In the current version of ISO/CD 19115 section 6.6.13 the service metadata of ISO 19119 is included. The differences between these standards makes implementation

difficult and confuses implementers.

In the Inspire view service Technical Guidance (version 2.20) these differences have become visible in the extended capabilities. The extended capabilities are extra elements needed to make WMS 1.3.0 in alignment with ISO 19119 and ISO 19115.

**Summary of
change:**

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Below the mapping is expressed (table 3 of the Inspire view service).

Table 3 Mapping between INSPIRE metadata elements and [ISO 19128] WMS elements

INSPIRE Metadata elements (Mandatory - Conditional)	ISO 19128 elements of <WMS_Capabilities>
Resource Title (M)	wms:Title
Resource Abstract (M)	wms:Abstract
Resource Type (M) (ExtendedCapabilities)	inspire_common:ResourceType
Resource Locator (C) (ExtendedCapabilities)	inspire_common:ResourceLocator
Coupled Resource (C)	wms:MetaDataURL (Layer property)
Spatial Data Service Type (M) (ExtendedCapabilities)	inspire_common:SpatialDataServiceType
Keyword (M)	wms:Keyword ; inspire_common:Keyword
Geographic Bounding Box (M)	wms:EX_GeographicBoundingBox (Layer property)
Temporal Reference (M) (ExtendedCapabilities)	inspire_common:TemporalReference
Spatial Resolution (C)	wms:Abstract
Conformity (M) (ExtendedCapabilities)	inspire_common:Conformity
Conditions for Access and Use (M)	wms:Fees
Limitations on Public Access (M)	wms:AccessConstraints
Responsible Organisation (M)	wms:ContactInformation
Metadata Point of Contact (M) (ExtendedCapabilities)	inspire_common:MetadataPointOfContact
Metadata Date (M) (ExtendedCapabilities)	inspire_common:MetadataDate
Metadata Language (M) (ExtendedCapabilities)	inspire_common:SupportedLanguages

Table 3 points out that:

- some of the element names are the same
 - some of the element names are more or less the same (this gives confusion)
 - 8 elements are added to the WMS capabilities (by "Extended Capabilities") that are missing in the WMS capabilities and required by INSPIRE
- Some of this 8 extra elements are ISO 19115/ISO 19119 elements, other are specific Inspire

Change proposal:

For the Inspire view service it's currently arranged by the extended capabilities. The proposed change proposal is to align OWS common 2.0 and the work in progress of ISO/CD 19115 (in which the ISO 19119 service metadata is included). This alignment makes future changes of the Inspire view service more closely with the standards.

**Consequences if
not approved:**

Extra costs, extra complexity and inconsistency between standards

Clauses affected: 	* -
Additional Documents affected: 	
Supporting Documentation: 	Inspire view service Technical Guidance 2.20
Comments: 	This Inspire view service TG is not the final one (version 3 is final) which is expected to be published within the next 2 weeks. When the work starts the advice is to take the most current version of the TG.
Status: 	Assigned 
Assigned To: 	WMS 1.4 SWG 
Disposition: 	Referred and Posted 