Changes to WMO-No.-1060 *The Manual on the WMO Information System* to take effect from 24 November 2015.

Note: this document includes both the changes to take effect from 24 November 2015 and the consolidated changes since the publication of the 2013 update to the 2012 edition of the Manual on the MWO Information System.

Changes to take effect 24 November 2015

Add the following entry (8) to the end of Table 10 (WMO_KeywordTypeCode) in Part 2 of Appendix C of the Manual on WIS

	Name	Domain code	Definition
8.	dataParam	007	keyword defines a data parameter contained within the resource

Add the following entry (5) to the end of Table 12 (MD_ScopeCode) in Part 2 of Appendix C of the Manual on WIS

	Name	Domain code	Definition
18.	document	017	information applies to a document

Modify the definition of spaceWeather in Table 13 (WMO_CategoryCode) of Appendix C Part 2

	Name	Domain code	Definition
27.	spaceWeather	026	the physical and phenomenological state of the natural space environment including the sun, the solar wind, the magnetosphere, the ionosphere and the thermosphere, and its interaction with the Earth.~~changing environmental conditions in outer space. Space weather describes the conditions in space that affect Earth and its technological systems.~~

Make the following changes to the XML version of the code lists

1   Change the codeSpace "WMO Core Metadata Profile" to the URI
http://wis.wmo.int/2012/codelists/WMOCodeLists#@@ where @@ is the name of the
code list being referenced.

2   Change the codeSpace "ISOTC211/19115" to the URI
"http://standards.iso.org/ittf/PubliclyAvailableStandards/ISO_19139_Schemas/
resources/codelist/gmxCodelists.xml#@@" where @@ is the name of the code list
being referenced.

End of changes to take effect 24 November 2015

Consolidated list of changes (includes editorial corrections)

Make the following changes to the XML versions of the code lists

1   Change the capitalization of the descriptions in the XML representation of the
code lists to correspond to that in the Manual on WIS.

2   Remove nulls from the end of the XML representation of code lists.

3   Correct the spelling of "improved" in the description of code list entry
"CI_DateTypeCode_revision" in code table "CI_DateTypeCode"

4   Add three entries to the code table for "WMO_CategoryCode" to correspond to
the additions in Table 13 of Appendix C Part 2:
        spaceWeather
        atmosphericComposition
        radiation

5   In the code table for WMO_DataLicenseCode in Table 14 of Appendix C Part 2:
a)   expand the applicability of WMOOther
b)   Add the entry NoLimitation.

6   Change the codeSpace "WMO Core Metadata Profile" to the URI
http://wis.wmo.int/2012/codelists/WMOCodeLists#@@ where @@ is the name of the
code list being referenced.

7   Change the codeSpace "ISOTC211/19115" to the URI
"http://standards.iso.org/ittf/PubliclyAvailableStandards/ISO_19139_Schemas/
resources/codelist/gmxCodelists.xml#@@" where @@ is the name of the code list
being referenced.

Correct the documentation of how to specify a bounding box in gml

Make the following change to Paragraph 2.2.3 of Appendix C Part 2 to correct an error in the specification of the XPATH.

/gmd:MD_Metadata/gmd:identificationInfo/gmd:MD_DataIdentification/ ↘
gmd:extent/gmd:EX_Extent/~~gmd:geographicExtent~~gmd:geographicElement
/gmd:EX_GeographicBoundingBox

Add code list contents

Add the following entry (8) to the end of Table 10 (WMO_KeywordTypeCode) in Part 2 of Appendix C of the Manual on WIS

Name	Domain code	Definition
8. dataParam	007	keyword defines a data parameter contained within the resource

Add the following entry (5) to the end of Table 12 (MD_ScopeCode) in Part 2 of Appendix C of the Manual on WIS

Name	Domain code	Definition
18. document	017	information applies to a document

Add the following entries to the end of Table 16 (WMO_CategoryCode) of Appendix C Part 2

	Name	Domain code	Definition
27.	spaceWeather	026	the physical and phenomenological state of the natural space environment including the sun, the solar wind, the magnetosphere, the ionosphere and the thermosphere, and its interaction with the Earth.
28.	atmosphericComposition	027	the chemical abundance in the earth's atmosphere of its constituents including nitrogen, oxygen, argon, carbon dioxide, water vapour, ozone, neon, helium, krypton, methane, hydrogen and nitrous oxide
29.	radiation	028	radiation

Modify entry 4 in Table 14 of Appendix C Part 2 to remove the limitation of WMOOther to data intended for global distribution.

	Name	Domain Code	Definition
4.	WMOOther	003	Data identified for global distribution via WMO infrastructure (GTS / WIS) that is not covered by WMO Resolution 25 or WMO Resolution 40; e.g. aviation OPMET data. Data marked with "WMOOther" data policy shall be treated like "WMOAdditional" where a more precise definition of the data policy may be additionally supplied within the metadata. In all cases it shall be the responsibility of the data consumer to ensure that they understand the data policy specified by the data provider – which may necessitate dialogue with the data publisher for confirmation of terms and conditions.
5.	NoLimitation	004	No limitation on distribution or use.

End of consolidated list of changes