

ISO/TS 19163-1:2016-01 (E)

Geographic information - Content components and encoding rules for imagery and gridded data - Part 1: Content model

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Conformance	1
3	Normative references	1
4	Terms and definitions	2
5	Symbols and abbreviated terms	4
5.1	Abbreviated terms	4
5.2	UML notations	4
6	Related International Standards	5
7	Categories of imagery and gridded data	6
7.1	General	6
7.2	Imagery	7
7.3	Gridded data	8
8	Content component models	8
8.1	General	8
8.2	Imagery and gridded data	8
8.2.1	General	8
8.2.2	IE_ImageryAndGriddedData	9
8.2.3	IE_Georectified	9
8.2.4	IE_Georeferenceable	10
8.3	Thematic gridded data	10
8.3.1	IE_ThematicGriddedData	10
8.3.2	IE_CategoricalGriddedData	10
8.3.3	IE_NumericalGriddedData	10
8.4	Imagery	11
8.4.1	IE_Imagery	11
8.4.2	IE_FusedImage	13
8.4.3	IE_SimulatedImage	13
8.4.4	IE_OpticalImage	13
8.4.5	IE_MicrowaveData	13
8.4.6	IE_SARData	14
8.4.7	IE_RadiometerData	15
9	General approach for encoding (informative)	16
Annex A (normative)	Abstract test suite	18
Annex B (normative)	Data dictionary of content component models	21
Bibliography		38