

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

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

---

<b>Contents</b>		<b>Page</b>
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