

# DIN EN ISO 19131:2012-01 (E)

Geographic information - Data product specifications (ISO 19131:2007 + Amd 1:2011); English version EN ISO 19131:2008 + A1:2011

---

<b>Inhalt</b>	<b>Seite</b>
Foreword .....	4
!Foreword to A1 .....	5
Introduction.....	6
1 Scope .....	7
2 Conformance .....	7
3 Normative references.....	7
4 Terms and definitions .....	8
5 Symbols and abbreviated terms .....	10
5.1 Abbreviations.....	10
5.2 UML notation.....	10
5.3 UML model relationships.....	11
5.4 UML model stereotypes .....	12
5.5 Package abbreviations.....	12
6 General structure and content of a data product specification.....	12
7 Overview.....	13
8 Specification scopes.....	14
9 Data product identification .....	14
10 !Data content and structure .....	15
10.1 Description of content and structure for all data products .....	15
10.2 Additional requirements for coverage data .....	16
11 Reference systems.....	16
12 Data quality .....	16
13 Data capture .....	17
14 Data maintenance.....	17
15 Portrayal .....	17
16 Data product delivery.....	17
17 Additional information .....	18
18 Metadata .....	18
Annex A (normative) Abstract test suite .....	19
A.1 Data product specification sections.....	19
A.2 Mandatory items .....	19
A.3 Item details.....	19
Annex B (informative) Relationship between data product specification and metadata .....	20
Annex C (informative) UML packages.....	21
Annex D (normative) Data product specification scopes.....	22
Annex E (normative) Data product specification contents .....	24
E.1 Identification information .....	24
E.2 Data content and structure information.....	26

E.3	Reference system information .....	27
E.4	Data quality information.....	28
E.5	Data capture information .....	29
E.6	Data maintenance information .....	30
E.7	Portrayal information .....	31
E.8	Delivery information .....	32
E.9	Additional information .....	34
Annex F	(informative) Example of a data product specification .....	35
F.1	Overview .....	35
F.2	Specification scope (DPS_ScopeInformation) .....	37
F.3	Data product identification (DPS_IdentificationInformation) .....	37
F.4	Data content and structure .....	38
F.5	Reference systems (DPS_ReferenceSystemInformation).....	42
F.6	Data quality (DPS_DataQualityInformation).....	43
F.7	Data capture (DPS_DataCaptureInformation).....	43
F.8	Data maintenance (DPSMaintenanceInformation) .....	44
F.9	Data product delivery (DPS_DeliveryInformation) .....	45
F.10	Metadata .....	45
Bibliography	.....	46