

ISO 19117:2012-12 (E)

Geographic information - Portrayal

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Conformance	1
3	Normative references	2
4	Terms and definitions	2
5	Abbreviated terms	6
6	Portrayal mechanism	6
6.1	Introduction	6
6.2	Portrayal functions	8
6.3	Portray nothing	10
6.4	Default portrayal	10
6.5	Annotation	10
6.6	Overview of portrayal	10
7.1	Introduction	11
7.2	Symbol structure	12
8	Package - Portrayal Core	17
8.1	Package semantics	17
8.2	Package - Portrayal Function	18
8.3	Package - Symbol	23
8.4	Package - Portrayal Catalogue	41
9	Package - Portrayal Extensions	43
9.1	Package semantics	43
9.2	Package - Conditional Function Extension	43
9.3	Package - Context Extension	46
9.4	Package - Compound Symbol Extension	50
9.5	Package - Complex Symbol Extension	59
9.6	Package - Reusable Symbol Component Extension	65
9.7	Package - Symbol Parameter Extension	69
9.8	Package - Function Symbol Parameter Extension	75
10	Basic implementation package	81
10.1	Package - Feature Data Model	81
Annex A (normative) Abstract test suite		83
Annex B (informative) Rules-based portrayal functions		87
Annex C (informative) Enterprise view of portrayal		89
Bibliography		95