



# ArcGIS for INSPIRE 10.8.1 Patch 1 Compliance Test Status Report

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## 1 Introduction

Validation tests have been conducted for data themes and services implemented with ArcGIS for INSPIRE 10.8.1 Patch 1, this document includes a status report for the tests have been conducted.

Please note that validation testing is a dynamic process, many factors can cause a particular test not passing the validation test, including:

- Issue with test data
- Limitation and defects in the software
- More test scenarios have been added to the validator since this software release.
- Issue within validator. You might check <https://github.com/INSPIRE-MIF/helpdesk-validator/issues/> for latest issue updates on the validator.

Validator website: <https://inspire.ec.europa.eu/validator/home/index.html>

## 2 Metadata

Esri Geoportal Server 2.6.4 were used for creating INSPIRE 2 metadata.

Metadata Type	Date Tested	Status
Dataset (2.0)	7/23/2021	Pass
Network Service (2.0)	7/23/2021	Pass
Spatial Data Service (2.0)	7/23/2021	Pass

## 3 View Service

Annex	Data theme	Test	Date Tested	Status
A1	AD	Conformance Class: View Service - WMS	4/14/2021	Pass
A1	AU	Conformance Class: View Service - WMS	4/26/2021	Pass
A1	CP	Conformance Class: View Service - WMS	4/16/2021	Pass
A1	HY	Conformance Class: View Service - WMS	4/15/2021	2/4
A1	PS	Conformance Class: View Service - WMS	4/15/2021	2/4
A1	TN	Conformance Class: View Service - WMS	4/13/2021	Pass

A2	EL	Conformance Class: View Service - WMS	4/16/2021	Pass
A2	GE	Conformance Class: View Service - WMS	4/2/2021	Pass
A2	LC	Conformance Class: View Service - WMS	4/16/2021	Pass
A3	AF	Conformance Class: View Service - WMS	4/15/2021	2/4
A3	AM	Conformance Class: View Service - WMS	4/26/2021	3/4
A3	BR	Conformance Class: View Service - WMS	4/15/2021	Pass
A3	BU	Conformance Class: View Service - WMS	4/26/2021	3/4
A3	EF	Conformance Class: View Service - WMS	4/26/2021	Pass
A3	ER	Conformance Class: View Service - WMS	4/15/2021	Pass
A3	HB	Conformance Class: View Service - WMS	4/15/2021	Pass
A3	HH	Conformance Class: View Service - WMS	4/16/2021	3/4
A3	LU	Conformance Class: View Service - WMS	4/16/2021	Pass
A3	MR	Conformance Class: View Service - WMS	4/16/2021	Pass
A3	NZ	Conformance Class: View Service - WMS	4/16/2021	3/4
A3	PD	Conformance Class: View Service - WMS	4/16/2021	3/4
A3	PF	Conformance Class: View Service - WMS	4/26/2021	3/4
A3	SD	Conformance Class: View Service - WMS	4/16/2021	Pass
A3	SO	Conformance Class: View Service - WMS	4/16/2021	3/4
A3	SR	Conformance Class: View Service - WMS	4/16/2021	Pass
A3	SU	Conformance Class: View Service - WMS	4/26/2021	3/4
A3	US	Conformance Class: View Service - WMS	4/16/2021	Pass

## 4 Download Service

Unable to perform the tests before the release due to issue noted in <https://github.com/INSPIRE-MIF/helpdesk-validator/issues/565>. Currently it reports "ERROR An error has occurred" when try to test the services.

## 5 Discovery Service

Geoportal Server 2.6.4 with INSPIRE configuration was used for the test.

Service Type	Test	Test Date	Status
Discovery Service	Conformance Class 'Discovery Service CSW'	4/28/2021	Pass

## 6 Data Set – Annex I

### 6.1 Addresses (AD)

Data Theme	Feature Type	Test Date	Status
AD	ad:Address	4/28/2021	Pass
AD	ad:AddressAreaName	4/28/2021	Pass
AD	ad:AdminUnitName	4/28/2021	Pass
AD	ad:PostalDescriptor	4/28/2021	Pass
AD	ad:ThoroughfareName	4/28/2021	Pass

### 6.2 Administrative units (AU)

Data Theme	Feature Type	Test Date	Status
AU	au:AdministrativeBoundary	5/25/2021	9/10 <sup>1</sup>
AU	au:AdministrativeUnit	5/25/2021	Pass

Note:

1. One issue related to geometry in our test data need to be cleaned up, your data might still pass.

### 6.3 Cadastral parcels (CP)

Data Theme	Feature Type	Test Date	Status
CP	cp:CadastralParcel	4/28/2021	Pass

#### 6.4 Geographical names (GN)

Data Theme	Feature Type	Test Date	Status
GN	gn:NamedPlace	4/29/2021	Pass

#### 6.5 Hydrography (HY)

Data Theme	Feature Type	Test Date	Status
HY	hy-n:HydroNode	4/29/2021	9/10
HY	hy-n:WatercourseLink	4/29/2021	Pass
HY	hy-p:Crossing	4/29/2021	Pass
HY	hy-p:DamOrWeir	4/29/2021	Pass
HY	hy-p:DrainageBasin	4/29/2021	Pass
HY	hy-p:Embankment	4/29/2021	Pass
HY	hy-p:Falls	4/29/2021	Pass
HY	hy-p:Ford	4/29/2021	Pass
HY	hy-p:LandWaterBoundary	4/29/2021	Pass
HY	hy-p:Lock	4/29/2021	Pass
HY	hy-p:Rapids	4/29/2021	Pass
HY	hy-p:RiverBasin	4/29/2021	Pass
HY	hy-p:Shore	4/29/2021	Pass
HY	hy-p:ShorelineConstruction	4/29/2021	Pass
HY	hy-p:Sluice	4/29/2021	Pass
HY	hy-p:StandingWater	4/29/2021	Pass
HY	hy-p:Watercourse	4/29/2021	Pass
HY	hy-p:Wetland	4/29/2021	Pass

## 6.6 Protected sites (PS)

Data Theme	Feature Type	Test Date	Status
PS	ps:ProtectedSite	4/29/2021	Pass

## 6.7 Transport networks (TN)

Data Theme	Feature Type	Test Date	Status
TN	tn:AccessRestriction	6/22/2021	Pass
TN	tn:ConditionOfFacility	6/22/2021	Pass
TN	tn:MaintenanceAuthority	6/22/2021	Pass
TN	tn:MarkerPost	6/22/2021	Pass
TN	tn:OwnerAuthority	6/22/2021	Pass
TN	tn:RestrictionForVehicles	6/22/2021	Pass
TN	tn:TrafficFlowDirection	6/22/2021	Pass
TN	tn:TransportNetwork	6/22/2021	Pass
TN	tn:VerticalPosition	6/22/2021	Pass
TN	tn-a:AerodromeArea	6/17/2021	Pass
TN	tn-a:AerodromeCategory	6/17/2021	Pass
TN	tn-a:AerodromeNode	6/17/2021	10/11
TN	tn-a:AerodromeType	6/18/2021	Pass
TN	tn-a:AirLinkSequence	6/18/2021	Pass
TN	tn-a:AirRouteLink	6/18/2021	Pass
TN	tn-a:AirspaceArea	6/18/2021	Pass
TN	tn-a:ApronArea	6/18/2021	Pass
TN	tn-a:ConditionOfAirFacility	6/18/2021	Pass
TN	tn-a:DesignatedPoint	6/18/2021	10/11

TN	tn-a:ElementLength	6/18/2021	Pass
TN	tn-a:ElementWidth	6/18/2021	Pass
TN	tn-a:FieldElevation	6/18/2021	Pass
TN	tn-a:InstrumentApproach	6/18/2021	Pass
TN	tn-a:LowerAltitudeLimit	6/18/2021	Pass
TN	tn-a:Navaid	6/18/2021	10/11
TN	tn-a:ProcedureLink	6/18/2021	Pass
TN	tn-a:RunwayArea	6/18/2021	Pass
TN	tn-a:RunwayCentrelinePoint	6/18/2021	10/11
TN	tn-a:StandardInstrumentArrival	6/18/2021	Pass
TN	tn-a:StandardInstrumentDeparture	6/18/2021	Pass
TN	tn-a:SurfaceComposition	6/18/2021	Pass
TN	tn-a:TaxiwayArea	6/18/2021	Pass
TN	tn-a:TouchDownLiftOff	6/18/2021	10/11
TN	tn-a:UpperAltitudeLimit	6/18/2021	Pass
TN	tn-a:UseRestriction	6/18/2021	Pass
TN	tn-c:CablewayLink	6/22/2021	Pass
TN	tn-c:CablewayLinkSequence	6/22/2021	Pass
TN	tn-c:CablewayLinkSet	6/22/2021	Pass
TN	tn-c:CablewayNode	6/22/2021	Pass
TN	tn-ra:DesignSpeed	6/22/2021	Pass
TN	tn-ra:NominalTrackGauge	6/22/2021	Pass
TN	tn-ra:NumberOfTracks	6/22/2021	Pass
TN	tn-ra:RailwayArea	6/22/2021	Pass



TN	tn-ra:RailwayElectrification	6/22/2021	Pass
TN	tn-ra:RailwayLine	6/22/2021	Pass
TN	tn-ra:RailwayLink	6/22/2021	Pass
TN	tn-ra:RailwayLinkSequence	6/22/2021	Pass
TN	tn-ra:RailwayNode	6/22/2021	10/11
TN	tn-ra:RailwayStationArea	6/22/2021	Pass
TN	tn-ra:RailwayStationCode	6/22/2021	Pass
TN	tn-ra:RailwayStationNode	6/22/2021	10/11
TN	tn-ro:ERoad	6/22/2021	Pass
TN	tn-ro:FormOfWay	6/22/2021	Pass
TN	tn-ro:FunctionalRoadClass	6/22/2021	Pass
TN	tn-ro:NumberOfLanes	6/22/2021	Pass
TN	tn-ro:Road	6/22/2021	Pass
TN	tn-ro:RoadLink	6/22/2021	Pass
TN	tn-ro:RoadLinkSequence	6/22/2021	Pass
TN	tn-ro:RoadName	6/22/2021	Pass
TN	tn-ro:RoadNode	6/22/2021	10/11
TN	tn-ro:RoadServiceArea	6/22/2021	Pass
TN	tn-ro:RoadServiceType	6/22/2021	Pass
TN	tn-ro:RoadSurfaceCategory	6/22/2021	10/11
TN	tn-ro:RoadWidth	6/22/2021	Pass
TN	tn-ro:SpeedLimit	6/22/2021	Pass
TN	tn-w:Beacon	6/22/2021	Pass
TN	tn-w:Buoy	6/22/2021	Pass

TN	tn-w:CEMTClass	6/22/2021	Pass
TN	tn-w:ConditionOfWaterFacility	6/22/2021	Pass
TN	tn-w:FairwayArea	6/22/2021	Pass
TN	tn-w:FerryCrossing	6/22/2021	Pass
TN	tn-w:FerryUse	6/22/2021	Pass
TN	tn-w:InlandWaterway	6/22/2021	Pass
TN	tn-w:MarineWaterway	6/22/2021	Pass
TN	tn-w:PortArea	6/22/2021	Pass
TN	tn-w:PortNode	6/22/2021	10/11
TN	tn-w:RestrictionForWaterVehicles	7/13/2021	Pass
TN	tn-w:TrafficSeparationSchemeCrossing	7/13/2021	Pass
TN	tn-w:TrafficSeparationSchemeLane	7/14/2021	Pass
TN	tn-w:TrafficSeparationSchemeRoundabout	7/14/2021	Pass
TN	tn-w:TrafficSeparationSchemeSeparator	7/14/2021	Pass
TN	tn-w:WaterLinkSequence	7/14/2021	Pass
TN	tn-w:WaterTrafficFlowDirection	7/14/2021	Pass
TN	tn-w:WaterwayLink	7/14/2021	Pass
TN	tn-w:WaterwayNode	7/14/2021	10/11

## 7 Data Set – Annex II

### 7.1 Elevation (EL)

Data Theme	Feature Type	Test Date	Status
EL	el-vec:BreakLine	6/10/2021	Pass
EL	el-vec:ContourLine	6/10/2021	Pass
EL	el-vec:IsolatedArea	6/10/2021	Pass

EL	el-vec:SpotElevation	6/10/2021	Pass
EL	el-vec:VoidArea	6/10/2021	Pass

## 7.2 Land cover (LC)

Data Theme	Feature Type	Test Date	Status
LC	lcv:LandCoverDataset	5/20/2021	Pass
LC	lcv:LandCoverUnit	5/20/2021	10/11

## 7.3 Geology (GE)

Data Theme	Feature Type	Test Date	Status
GE	ge:Borehole	4/22/2021	Pass
GE	ge_hg:ActiveWell	4/22/2021	Pass
GE	ge_hg:Aquiclude	4/22/2021	Pass
GE	ge_hg:Aquifer	4/22/2021	Pass
GE	ge_hg:AquiferSystem	4/22/2021	Pass
GE	ge_hg:Aquitard	4/22/2021	Pass
GE	ge_hg:GroundWaterBody	4/22/2021	Pass
GE	ge-core:AnthropogenicGeomorphologicFeature	4/22/2021	Pass
GE	ge-core:Fold	4/22/2021	Pass
GE	ge-core:GeologicCollection	4/22/2021	Pass
GE	ge-core:GeologicEvent	4/22/2021	Pass
GE	ge-core:GeologicUnit	4/22/2021	Pass
GE	ge-core:MappedFeature	4/22/2021	Pass
GE	ge-core:NaturalGeomorphologicFeature	4/22/2021	Pass

GE	ge-core:ShearDisplacementStructure	4/22/2021	Pass
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## 8 Data Set – Annex III

### 8.1 Agricultural and aquaculture facilities (AF)

Data Theme	Feature Type	Test Date	Status
AF	af:Holding	7/23/2021	7/10

### 8.2 Area management / restriction / regulation zones & reporting units (AM)

Data Theme	Feature Type	Test Date	Status
AM	am:ManagementRestrictionOrRegulationZone	5/20/2021	Pass

### 8.3 Bio-geographical regions (BR)

Data Theme	Feature Type	Test Date	Status
BR	br:Bio-geographicalRegion	6/3/2021	Pass

### 8.4 Buildings (BU)

Data Theme	Feature Type	Test Date	Status
BU	bu-core2d:Building	5/20/2021	Pass
BU	bu-core2d:BuildingPart	5/20/2021	10/11

### 8.5 Environmental monitoring Facilities (EF)

Data Theme	Feature Type	Test Date	Status
EF	ef:EnvironmentalMonitoringActivity	6/9/2021	Pass
EF	ef:EnvironmentalMonitoringFacility	6/9/2021	9/10
EF	ef:EnvironmentalMonitoringNetwork	6/9/2021	9/10
EF	ef:EnvironmentalMonitoringProgramme	6/9/2021	Pass

EF	ef:ObservingCapability	6/9/2021	9/10
EF	ef:OperationalActivityPeriod	6/9/2021	Pass

## 8.6 Energy Resources (ER)

Validator test is not available yet for this data theme as of 7/23/2021.

## 8.7 Habitats and biotopes (HB)

Data Theme	Feature Type	Test Date	Status
HB	hb:Habitat	4/22/2021	Pass

## 8.8 Human health and safety (HH)

Data Theme	Feature Type	Test Date	Status
HH	hh:Biomarker	8/2/2021	Pass
HH	hh:Disease	8/2/2021	Pass
HH	hh:EnvHealthDeterminantMeasure	8/2/2021	Pass
HH	hh:EnvHealthDeterminantStatisticalData	8/2/2021	Pass
HH	hh:GeneralHealthStatistics	8/2/2021	Pass
HH	hh:HealthServicesStatistic	8/2/2021	Pass

## 8.9 Land use (LU)

Data Theme	Feature Type	Test Date	Status
LU	elu:ExistingLandUseDataSet	6/3/2021	10/11
LU	elu:ExistingLandUseObject	6/3/2021	8/11
LU	plu:OfficialDocumentation	6/3/2021	10/11
LU	plu:SpatialPlan	6/3/2021	9/10
LU	plu:SupplementaryRegulation	6/3/2021	8/10

LU	plu:ZoningElement	6/3/2021	7/10
LU	selu:ExistingLandUseSample	6/3/2021	7/10
LU	selu:SampledExistingLandUseDataSet	6/3/2021	9/10

### 8.10 Mineral Resources (MR)

Validator test is not available yet for this data theme as of 7/23/2021.

### 8.11 Natural risk zones (NZ)

Data Theme	Feature Type	Test Date	Status
NZ	nz-core:ExposedElement	6/3/2021	Pass
NZ	nz-core:HazardArea	6/3/2021	Pass
NZ	nz-core:ObservedEvent	6/3/2021	Pass
NZ	nz-core:RiskZone	6/3/2021	Pass

### 8.12 Population distribution and demography (PD)

Data Theme	Feature Type	Test Date	Status
PD	pd:StatisticalDistribution	6/10/2021	Pass

### 8.13 Production and industrial facilities (PF)

Data Theme	Feature Type	Test Date	Status
PF	pf:ProductionBuilding	6/10/2021	9/10
PF	pf:ProductionFacility	6/10/2021	8/10
PF	pf:ProductionInstallation	6/10/2021	Pass
PF	pf:ProductionInstallationPart	6/10/2021	Pass
PF	pf:ProductionPlot	6/10/2021	Pass
PF	pf:ProductionSite	6/10/2021	Pass

#### 8.14 Sea regions (SR)

Data Theme	Feature Type	Test Date	Status
SR	sr:Coastline	6/10/2021	Pass
SR	sr:InterTidalArea	6/10/2021	9/10
SR	sr:MarineCirculationZone	6/10/2021	9/10
SR	sr:MarineContour	6/10/2021	Pass
SR	sr:Sea	6/10/2021	9/10
SR	sr:SeaArea	6/10/2021	9/10
SR	sr:SeaBedArea	6/10/2021	9/10
SR	sr:SeaSurfaceArea	6/10/2021	9/10
SR	sr:Shoreline	6/10/2021	Pass
SR	sr:ShoreSegment	6/10/2021	Pass

#### 8.15 Soil (SO)

Validator test is not available yet for this data theme as of 7/23/2021.

#### 8.16 Species distribution (SD)

Data Theme	Feature Type	Test Date	Status
SD	sd:SpeciesDistributionDataSet	6/9/2021	Pass
SD	sd:SpeciesDistributionUnit	6/9/2021	8/10

#### 8.17 Statistical units (SU)

Validator test is not available yet for this data theme as of 7/23/2021.

#### 8.18 Utility and governmental services (US)

Data Theme	Feature Type	Test Date	Status
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US	us-emf:EnvironmentalManagementFacility	6/10/2021	Pass
US	us-govserv:GovernmentalService	6/10/2021	Pass