Title: Update 9-7.2 InterpolationType

S-100 Maintenance - Change Proposal Form

Organisation	NIWC	Date	8/20/2019
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Change Proposal Type *(Select only one option)*

1.Clarification	2.Correction	3.Extension
	X	

Location (*Identify all change proposal locations*)

S-100 Version No.	Part No.	Section No.	Proposal Summary
Version 4	9	7.2	Update InterpolationType to match changes to Part 7

Change Proposal

Add support for polynomialSpline, bezierSpline, bSpline, blendedParabolic (see 7-4.2.1.1)

```
<xs:simpleType name="InterpolationType">
<xs:restriction base="xs:string">
<xs:enumeration value="None"/>
<xs:enumeration value="Linear"/>
<xs:enumeration value="Loxodromic"/>
<xs:enumeration value="CircularArc3Points"/>
<xs:enumeration value="Geodesic"/>
<xs:enumeration value="CircularArcCenterPointWithRadius"/>
<xs:enumeration value="Elliptical"/>
<xs:enumeration value="Conic"/>
<xs:enumeration value="PolynomialSpline"/>
<xs:enumeration value="BezierSpline"/>
<xs:enumeration value="BSpline"/>
<xs:enumeration value="BlendedParabolic"/>
</xs:restriction>
</xs:simpleType>
```

Change Proposal Justification

Interpolations have been added to Part 7 which must be reflected in Part 9

What parts of the S-100 Infrastructure will this proposal affect?

☐   S-100 Feature Concept Dictionary Interface or Database

☐   S-100 Portrayal Register
☐   S-100 Feature Catalogue Builder
☐   S-100 Portrayal Catalogue Builder
☐   S-100 UML Models

Please send completed forms and supporting documentation to the secretary S-100WG.