Title: Correction for applicability of Part 9a LinePlacement

S-100 Maintenance - Change Proposal Form

Organisation	NIWC	Date	11/23/2021
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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
5.0 Draft redline	9a	9a-11.2.2.2	Correct applicability of LinePlacement

Change Proposal

Remove *LineInstruction* and *LineInstructionUnsuppressed* from applicability of LinePlacement command:

LocalOffset:*xOffsetMM,yOffsetMM*

Specifies an offset from the geographic position using the Local CRS to be applied to subsequent drawing commands.

Applicability: *PointInstruction, SymbolFill, TextInstruction*

LinePlacement:*linePlacementMode,offset[,endOffset]*

Specifies the placement along a line for symbols or text output by subsequent drawing commands.

    linePlacementMode

        Relative   *offset* is in homogenous coordinates, 0 for the start and 1 for the end of the curve.

        Absolute   *offset* specifies the distance from the start of the curve.

    offset   The *o*ffset from the start of the curve. If *endOffset* is also specified this indicates the start point of any *TextInstruction* command.

    endOffset   If present, indicates the text drawn by any *TextInstruction* is depicted along the linear geometry.

        If present and contains a value, further indicates the end point of any *TextInstruction* command. Horizontal alignment has no effect in this case.

Applicability: *PointInstruction, ~~LineInstruction, LineInstructionUnsuppressed~~, TextInstruction*

Change Proposal Justification

Current documentation is incorrect.

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
☐ S-100 GitHub Schemas

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