

Date	Schema file	Author	Change
8.5.2024	DesignInstruction_V4p1.xsd	JOAR/JAS	<ul style="list-style-type: none"> • Changed description of element FillStyle in StyleDefinitionType. • Added a new optional element TopRenderingOrder to TopRenderingType • Made TopRendering element repeatable in StyleDefinitionType
8.5.2024	StanForD2010CommonDefinitions_V4p1.xsd	JOAR/JAS	<ul style="list-style-type: none"> • Changed description of element ButtEndProfileExtrapolation in SpeciesGroupDefinitionWithDetailsType. • Changed description of element ReferenceHeight in ButtEndProfileExtrapolationType. • Changed description of element ExtrapolationCoefficient in ButtEndProfileExtrapolationTableType. • Changed description of attribute diameterClass in ExtrapolationCoefficientType. • Changed description of attribute ButtEndProfileExtrapolationFunctionCategory in ButtEndProfileExtrapolationFunctionCategoryType. • Added a new optional DisruptedMeasuring element with disruptedMeasuringDescription attribute to LogType. • Changed the data type of DegreeType from nonNegativeInteger to nonNegativeDecimal. • Made FelledStemCoordinates element repeatable in SingleTreeFelledStemType and in MultiTreeFelledStemType • Added new complex types PropertyType and PropertyDefinitionType • Added a new optional and repeatable element Property to FeatureType • Added a new optional and repeatable element PropertyDefinition to FeatureCollectionType • Added a new key and keyref constraints from PropertyUserID in Property to PropertyUserID in PropertyDefinition

			<ul style="list-style-type: none"> • Added two new enumerations ("PPP RTK Fix" and "PPP RTK Float") to QualityIndicatorGNSSType • Added a new structure OtherMachineSettings with sub-structure MINRegistration-LogLength to MachineHarvestedProductionType.
8.5.2024	ObjectGeographicalInstruction_V4p1.xsd	JOAR/JAS	<ul style="list-style-type: none"> • Added a new optional attribute GISCoordinateReferenceSystem to BackgroundMapType • Made EmbeddedGeoRefMap element optional in BackgroundMapType.
8.5.2024	ForwardedProduction_V4p1.xsd	JOAR/JAS	<ul style="list-style-type: none"> • Added a new optional and repeatable element LogTransport and corresponding structure (LogTransportType) to MachineForwardedProductionType • Added Keyref constraint for LoadKey in LogTransport element
8.5.2024	All	JOAR/JAS	<ul style="list-style-type: none"> • Added '+' character to description that tells us characters that are not allowed in the content of UserID elements
16.9.2024	HarvestingQualityControl_V4p1.xsd	JOAR/JAS	<ul style="list-style-type: none"> • Added a new alternative ControlValuesMultiTreeProcessing structure to choice in MachineHarvestingQualityControlType
16.9.2024	StanForD2010CommonDefinitions_V4p1.xsd	JOAR/JAS	<ul style="list-style-type: none"> • Added a new optional and repeatable VolumeCorrectionMultiTreeProcessing structure to MultiTreeProcessedStemType • Updated the description of accuracyCoordinate attribute according the following text: "Horizontal accuracy value of position, in unit meter. Observe that the exact calculation method for this attribute is not defined at present." • Added a text "<u>XML escaping is to be used for invalid characters in the GeoJSON string.</u>" to descriptions of elements MultiPointGeoJSON, MultiLineGeoJSON and MultiPolygonGeoJSON • Updated the description of barkFunctionCategory attribute in BarkFunctionType according to the following text: Allowed values: "None", "Consolidated",

			"MatrixDiameter", "MatrixDistanceDBH", "NonLinearLatitude" and "Logistic".
4.12.2024	StanForD2010CommonDefinitions_V4p1.xsd	JOAR/JAS	<ul style="list-style-type: none"> Updated the description of machineCategory attribute in MachineType according to the following text: Enumeration list describing type of machine: Harvester, Forwarder, FellerBuncher, Harwarder, Bundler, Scarifier, Skidder, Yarder, Other Updated the description of elements a1, a2, a3, b1, b2 and b3 in LogisticDistanceDiameterType as moving the parentheses in the first equation (a makes it more clear that the expressions for a and b are identical: $a = a3 / (1 + ((a3/a1) - 1) * \exp(-a2 * H))$ $b = b3 / (1 + ((b3/b1) - 1) * \exp(-b2 * H))$ $DbfBark = a + b * D$ Added a new optional FeatureUserID element to FeatureType. Added also unique constraint for that element. <u>Renamed</u> all Property elements into FeatureProperty in structures FeatureCollectionType and FeatureType Made Feature element optional in FeatureCollectionType added a new optional element FeaturePropertyValueDefault to FeaturePropertyDefinitionType
7.2.2025	Operational_monitoring_V4p1.xsd	JOAR/JAS	<ul style="list-style-type: none"> Updated description of OtherMachineDownTimeStandardCode element in OtherMachineDownTimeType
7.2.2025	StanForD2010CommonDefinitions_V4p1.xsd	JOAR/JAS	<ul style="list-style-type: none"> Added a new optional Extension element to CommonLocationDefinitionType
7.2.2025	FelledBunchedProduction_V4p1.xsd	JOAR/JAS	<ul style="list-style-type: none"> Added a new PileDefinition structure Added a new optional element to StemFelledBunchedProductionType Added constraints for PileKey and PileNumber

26.2.2025	FelledBunchedProduction_V4p1.xsd	JOAR/JAS	<ul style="list-style-type: none">• Added optional elements PileCoordinate and Extension to PileDefinitionType
-----------	----------------------------------	----------	--