

The change history of the schemas (Version 2.1)

This is a document for writing down changes that are made to schema files and their documentation. This document covers changes that are made to version 2.1.

Date	Schema file	Author	Change
29.1.2012	UserDefinedDataInstruction_V2p1.xsd	JAS	<ul style="list-style-type: none"> First draft version of user defined data message
29.1.2012	StanForD2010CommonDefinitions_V2p1.xsd	JAS	<ul style="list-style-type: none"> Added new complex types: ColumnDataType, DataTableGroupType, DataTableType, RowType and UserDefinedDataType
31.1.2012	All	JAS	<ul style="list-style-type: none"> Added m3 for unit descriptions of volumes: <doc:Unit>m3, positive integer</doc:Unit>
31.1.2012	UserDefinedDataInstruction_V2p1.xsd	JAS	<ul style="list-style-type: none"> Moved DataEnumDefinition element from UserDefinedDataDefinitionType to DataTableGroupDefinitionType
11.4.2012	OperationalMonitoring_V2p1.xsd ObjectGeographicalReport_V2p1.xsd HarvestingQualityControl_V2p1.xsd	JAS	<ul style="list-style-type: none"> Corrected missing data types for some elements and add few missing type definitions
11.4.2012	All	JAS	<ul style="list-style-type: none"> Changed version information from Release 2.0 to Draft 2.1
23.4.2012	HarvestedProduction_V2p1.xsd ProductInstruction_V2p1.xsd	JAS	<ul style="list-style-type: none"> Updated the annotations of the TopLogFreeBuck element corresponding Classified Product Definition types.
23.4.2012	StanForD2010CommonDefinitions_V2p1.x	JAS	<ul style="list-style-type: none"> Updated the annotation of the CuttingReason in CuttingCategoryType.

	sd		<ul style="list-style-type: none"> • Added element GradeExcluded into SoundKnotFunctionType • Updated the annotations in SoundKnotFunctionType • Updated annotation of StemKey
23.4.2012	HarvestedProduction_V2p1.xsd ForwardedProduction_V2p1.xsd OperationalMonitoring_V2p1.xsd TotalHarvestedProduction_V2p1.xsd	JAS	<ul style="list-style-type: none"> • Added optional UserDefinedData element (structure) for message specific Machine types
23.4.2012	HarvestingQualityControl_V2p1.xsd	JAS	<ul style="list-style-type: none"> • Updated the annotations of the elements: RandomFrequency and RandomFrequencyCategory. • Updated the annotation of the DBH element in SingleTreeProcessedStemHarvestingQualityControlType • Updated the annotations of the ReferenceDiameter element in SingleTreeProcessedStemHarvestingQualityControlType • Changed the type of the LengthCalibrationAdjustmentButtLog element from xsd:nonNegativeInteger to xsd:decimal in LengthCalibrationAdjustmentButtLogType
23.4.2012	HarvestedProduction_V2p1.xsd	JAS	<ul style="list-style-type: none"> • Updated the annotations of the DBH elements in MultiTreeProcessedStemType, MultiTreeFelledStemType, SingleTreeFelledStemType and SingleTreeProcessedStemType • Updated the annotations of the ReferenceDiameter elements in MultiTreeProcessedStemType, MultiTreeFelledStemType, SingleTreeFelledStemType and SingleTreeProcessedStemType • Made DBH element as optional in MultiTreeProcessedStemType

23.4.2012	TotalHarvestedProduction_V2p1.xsd	JAS	<ul style="list-style-type: none"> • Made Total element as optional in MachineTotalHarvestedProductionType
23.4.2012	ForwardedProduction_V2p1.xsd	JAS	<ul style="list-style-type: none"> • Made following elements as optional: Load, ForwardingStatus, LocationDefinition and DeliveryDefinition in MachineForwardedProductionType • Made Density element repeatable in DeliveryDefinitionType
26.4.2012	OperationalMonitoring_V2p1.xsd	JAS	<ul style="list-style-type: none"> • Added a new optional ReportIncludingAll element into ReportIntervalType
27.4.2012	All	JAS	<ul style="list-style-type: none"> • Made many small documentation specific updates
18.10.2012	All	JAS	<ul style="list-style-type: none"> • Added an new attribute sfd:versionDate (sfd is abbreviation for StanForD2010 namespace) for every schema root element. • Added an new optional attribute versionDate in MessageAttributeGroup that is defined in StanForD2010CommonDefinitions file.
18.10.2012	StanForD2010CommonDefinitions_V2p1.xsd	JAS	<ul style="list-style-type: none"> • Changed element name from GradesExcluded to GradesIncluded and updated the description in SoundKnotFunctionType • Added a new simple type LatitudeLongitudeValueType that limits decimal values between 0.0 and 180.0 • Changed base type from NonNegativeDecimal to LatitudeLongitudeType in LatitudeType • Changed base type from NonNegativeDecimal to LatitudeLongitudeType in LongitudeType • Added optional Creation Coordinates element into MessageHeaderType • Added a new simple type LanguageCodeType that is a string that contain exactly three lowercase letters from “a” to “z”. This string should contain ISO 639-3 language code. • Added an new optional attribute languageCode into MessageAttributeGroup

			<ul style="list-style-type: none"> • Added an new mandatory attribute tableGroupName into DataTableGroupType • Added an new mandatory attribute tableName into DataTableType • Added an mandatory attribute rowOrder and an optional attribute rowID into RowType • Removed ObjectKey and SubObjectKey elements from DataTableGroupType • Removed ShiftKey from RowType • Changed CreationDate element as ModificationDate in RowType • Added attributes columnName, columnOrder and cellID into ColumnDataType • Added a new complex type ModificationDateType that include modificationAuthor attribute into date information • Changed type of Modification element into ModificationDateType in CommonProductDefinitionType • Changed type of SpeciesGroupModificationDate element into ModificationDateType in SpeciesGroupDefinitionType • Changed type of ModificationDate element into ModificationDateType in MessageHeaderType
18.10.2012	UserDefinedDataInstruction_V2p1.xsd	JAS	<ul style="list-style-type: none"> • Added a new mandatory attribute tableGroupName into DataTableGroupDefinitionType • Changed the enumeration list in OutputDataLocationType as following: "ProductionObject", "MonitoringObject", "MonitoringShift" and "ProductionLocation" • Added a new optional attribute unit into DataCellDefinitionType • Updated enumeration list in DataCategoryType as following: "enum", "string", "integer", "decimal", "date", "boolean" and "sequentialInteger"

			<ul style="list-style-type: none"> Added a new optional structure DataRowDefinitionType
18.10.2012	OperationalMonitoring_V2p1.xsd	JAS	<ul style="list-style-type: none"> Made ObjectKey and SubObjectKey repeatable in OperatorShiftDefinitionType Added a new complex type UserDefinedDataType Added a new complex type DataTableGroupOperationalMonitoringType
18.10.2012	HarvestedProduction_V2p1.xsd	JAS	<ul style="list-style-type: none"> Added a new local complex type UserDefinedDataType Added a new complex type DataTableGroupHarvestedProductionType
18.10.2012	ForwardedProduction_V2p1.xsd	JAS	<ul style="list-style-type: none"> Added a new local complex type UserDefinedDataType Added a new complex type DataTableGroupForwardedProductionType
18.10.2012	TotalHarvestedProduction_V2p1.xsd	JAS	<ul style="list-style-type: none"> Added a new local complex type UserDefinedDataType Added a new complex type DataTableGroupTotalHarvestedProductionType
18.10.2012	ObjectInstruction_V2p1.xsd	JAS	<ul style="list-style-type: none"> Changed type of ObjectModificationDate element into ModificationDateType in ObjectDefinitionObjectInstructionType
18.10.2012	ObjectGeographicalInstruction_V2p1.xsd	JAS	<ul style="list-style-type: none"> Changed type of ObjectModificationDate element into ModificationDateType in ObjectDefinitionObjectGeographicalInstructionType Added a new optional element AlarmCoordinateDescription into GeographicDirectiveObjectGeographicalInstructionType
18.10.2012	ForwardingDeliveryInstruction_V2p1.xsd	JAS	<ul style="list-style-type: none"> Changed type of ModificationDate element into ModificationDateType in DeliveryDefinitionForwardingDeliveryInstructionType
26.10.2012	OperationalMonitoring_V2p1.xsd	JAS	<ul style="list-style-type: none"> Corrected ReportIncludingAll element into ReportIntervalType to be optional and not mandatory (it is mandatory in version 3.0)
25.11.2012	All	JAS	<ul style="list-style-type: none"> Changed version information from “draft 2.1” to “pre-release 2.1”

			<ul style="list-style-type: none"> Set “2012-11-15” as value of sfd:versionDate attribute in every schema root element.
25.11.2012	StanForD2010CommonDefinitions_V2p1.xsd	JAS	<ul style="list-style-type: none"> Updated the annotation of CuttingReasonSpecification in CuttingCategoryType Updated the annotation of stemVolumeCategory in StemVolumeType Removed LanguageCodeType because this topic was postponed Removed an optional attribute languageCode from MessageAttributeGroup because this topic was postponed
25.11.2012	HarvestedProduction_V2p1.xsd	JAS	<ul style="list-style-type: none"> Changed the unit annotation of the element StemVolume from “positive value” to “non-negative decimal” in SingleTreeFelledStemType
25.11.2012	HarvestingQualityControl_V2p1.xsd	JAS	<ul style="list-style-type: none"> Updated the annotation of the element ControlStemSettings in ControlValuesType
25.11.2012	ForwardedProduction_V2p1.xsd	JAS	<ul style="list-style-type: none"> Updated the annotation of the element DistanceFromLastUnloading in LoadType Added an optional element ScaleKey into PartialLoadType
25.11.2012	ObjectGeographicalInstruction_V2p1.xsd	JAS	<ul style="list-style-type: none"> Removed an optional element AlarmCoordinateDescription from GeographicDirectiveObjectGeographicalInstructionType because this issue was postponed to version 3.0
25.11.2012	OperationalMonitoring_V2p1.xsd	JAS	<ul style="list-style-type: none"> Made ObjectKey and SubObjectKey non-repeatable in OperatorShiftDefinitionType Added a new simple type ReportFilterCategoryType. Changed element name from “ReportIncludingAll” to “ReportFilterCategory” and changed also its type to ReportFilterCategoryType.
25.11.2012	ForwardingDeliveryInstruction_V2p1.xsd	JAS	<ul style="list-style-type: none"> Made Density element repeatable in DeliveryDefinitionForwardingDeliveryInstructionType
25.11.2012	All	JAS	<ul style="list-style-type: none"> Changed type of every ModificationDate element into ModificationDateType in all

			schema files. This change add an optional attribute modificationAuthor to every modification date information.
20.12.2012	StanForD2010Envelope_V2p1.xsd	JAS	<ul style="list-style-type: none"> Added an optional attribute versionDate into StanForD2010EnvelopeType
20.12.2012	SpeciesGroupInstruction_V2p1.xsd	JAS	<ul style="list-style-type: none"> Updated annotation of the SoundKnotFunction element according a decision made in April 2012 meeting
20.12.2012	StanForD2010CommonDefinitions_V2p1.xsd	JAS	<ul style="list-style-type: none"> Updated the annotation of ModificationDate in CommonProductDefinitionType according a decision made in April 2012 meeting
10.1.2013	StanForD2010CommonDefinitions_V2p1.xsd	JAS	<ul style="list-style-type: none"> Removed not any more used SoundKnotFunctionCategoryType
10.1.2013	ForwardedProduction_V2p1.xsd	JAS	<ul style="list-style-type: none"> Corrected ProductKeyRefSingleTreeProcessedStemLog constraint Renamed type name from UserDefinedDataType to UserDefinedDataForwardedProductionType
10.1.2013	OperationalMonitoring_V2p1.xsd	JAS	<ul style="list-style-type: none"> Renamed type name from UserDefinedDataType to UserDefinedDataOperationalMonitoring Type
10.1.2013	HarvestedProduction_V2p1.xsd	JAS	<ul style="list-style-type: none"> Renamed type name from UserDefinedDataType to UserDefinedDataHarvestedProduction Type
10.1.2013	TotalHarvestedProduction_V2p1.xsd	JAS	<ul style="list-style-type: none"> Renamed type name from UserDefinedDataType to UserDefinedDataTotalHarvestedProduction Type
10.1.2013	All	JAS	<ul style="list-style-type: none"> Set “2013-01-10” as value of sfd:versionDate attribute in every schema root element.
31.1.2013	Some	JAS	<ul style="list-style-type: none"> Updated few VarNumber annotations according the appendix of the agenda of the phone meeting 5.2.2013
10.1.2013	All	JAS	<ul style="list-style-type: none"> Set “2013-02-05” as value of sfd:versionDate attribute in every schema root element.

			<ul style="list-style-type: none">• Changed version information from “pre-release 2.1” to “release 2.1”
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