



papiNet

Build Notes

papiNet Standard - Version 2.31

**Global Standard for the Paper and Forest
Products Supply Chain**

Build V2R31_20121203

Date 2012-12-17

Production Release

Build Notes

papiNet Standard - Version 2.31

Copyright

Copyright 2000 – 2012 papiNet G.I.E (“papiNet”) and International Digital Enterprise Alliance, Inc. (“IDEAlliance”) collectively “Copyright Owner”. All rights reserved by the Copyright Owner under the laws of the United States, Belgium, the European Economic Community, and all states, domestic and foreign. This document may be downloaded and copied provided that all copies retain and display the copyright and any other proprietary notices contained in this document. This document may not be sold, modified, edited, or taken out of context such that it creates a false or misleading statement or impression as to the purpose or use of the papiNet specification, which is an open standard. Use of this Standard, in accord with the foregoing limited permission, shall not create for the user any rights in or to the copyright, which rights are exclusively reserved to the Copyright Owner.

papiNet, IDEAlliance, and the members of all papiNet Groups (collectively and individually, "Presenters") make no representations or warranties, express or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, title, or non-infringement. The presenters do not make any representation or warranty that the contents of this document are free from error, suitable for any purpose of any user, or that implementation of such contents will not infringe any third party patents, copyrights, trademarks or other rights. By making use of this document, the user assumes all risks and waives all claims against Presenters.

In no event shall Presenters be liable to user (or other person) for direct, indirect, special or consequential damages arising from or related to any use of this document, including, without limitation, lost profits, business interruption, loss of programs, or other data on your information handling system even if Presenters are expressly advised of the possibility of such damages.

Use of Documents in papiNet Implementations

Documents may be used as templates for a papiNet implementation. The Presenters grant the right to modify and edit them to fit an actual implementation project provided all copies display the copyright and any other proprietary notices contained in this document. Such modified documents must not be distributed beyond the trading partners implementing or maintaining a papiNet connection.

Build Notes

papiNet Standard - Version 2.31

Table of Contents

Copyright	2
Use of Documents in papiNet Implementations	2
Table of Contents	3
Major changes in build V2R31_20121203.....	4
Elements	4
Attributes	5
Enumerations	5
Definitions	7
Documentation.....	7

Build Notes

papiNet Standard - Version 2.31

Major changes in build V2R31_20121203

Elements

- TransportPropertyValue added as optional repeatable to TransportOtherInstructions.
- MeasuringTicketRequestDetail added to the choice in InfoRequest.
- RequestNumber added as optional to MeasuringTicketHeader.
- LocationParty changed to optional in MeasuringLocation.
- MonetaryAdjustmentReference added as optional repeatable to MonetaryAdjustment.
- QuantityInformation changed to optional in PriceAndAmountInfo.
- AdditionalItemInfo added as optional repeatable to DeliveryInstructionSequence
- MeasuringSpecification added as optional and AdditionalItemInfo added as optional repeatable to DeliveryInstructionSequenceLineItem.
- Sequence in MapCoordinates changed to repeatable.
- PriceDetails and QuantityInformation changed to optional in ChargeInformation.
- ChargeReference added as optional repeatable to ChargeInformation.
- MeasuringTicketReason added as optional repeatable to MeasuringTicketHeader.
- Year added to choice in OtherDate and DeliveryDateWindow.
- ChargeInformation added as optional repeatable to PriceAndAmountInfo.
- LoadTenderResponseSummary changed to optional in LoadTenderResponse.
- MeasuringParty added as optional, MeasuringReference added as optional repeatable and MeasuringCodeInfo added as optional repeatable choice to MeasuringSpecification.
- ResourceInformation added as optional, AdditionalItemInfo and OrderTitle added as optional repeatable to PurchaseOrderInformation and OrderConfirmationHeader.
- MeasuringSpecification added as optional, ChargeInformation and AdditionalItemInfo added as optional repeatable to PurchaseOrderLineItem and OrderConfirmationLineItem.
- SupplyPointPropertyCodeValue added as optional to SupplyPointProperty.
- Data type for ClassificationCode changed to s60.
- Data type for ClassificationDescription changed to s255.

Build Notes

papiNet Standard - Version 2.31

- RouteLength changed to repeatable in Route.
- RouteLegLength changed to repeatable in RouteLeg.
- CostComponentCodeValue added as optional to CostComponent.
- Data type for ItemReference changed to s255.
- ProductIdentification added as optional to SpecGeneral.
- SpecReference and BookClassification added as optional repeatable to BillOfMaterials.
- PriceSpecification added as optional repeatable to Price Details.
- CoatingWithAdditionalSpecs added as a choice to FinishSpecs.
- OtherProducts added to choice in Products and CallOffProduct.
- EquipmentPropertyValue added as optional repeatable to TransportUnitEquipment.
- SupplyPoint changed to repeatable on DeliverySequenceLineItem.
- RoadMaintenanceInfo added as optional repeatable to RoadCharacteristics.

Attributes

- Attribute ExecutionType added as optional to DeliveryInstruction.
- Attribute Agency as optional to TransportVehicleIdentifier.
- Attribute Agency as optional to TransportUnitIdentifier.
- Attribute CoordinateDisplayOrder added as optional to Coordinates.
- Attribute ClassificationCodeType added as optional to ClassificationCode.
- Attribute MeasuringComplete added as optional to MeasuringTicketSequenceLineItem.
- Attribute CompensationMeasuringType added as optional to MeasuringSpecification.
- Attribute LengthType and Agency added as optional to RouteLength and RouteLegLength.
- Attribute RouteSeasonType added as optional to Route.
- Attribute IsSlotManaged added as optional to TransportLoadingCharacteristics and TransportUnloadingCharacteristics.
- Attribute TransportUnitEquipmentType added as optional to TransportUnitEquipment.
- Attribute IsDeadEndRoad added as optional to RoadCharacteristics.

Enumerations

- Enumeration ActualDeliveryCompletedDate , DeliveryNotAllowed and PostingDate added to attribute DeliveryDateType.

Build Notes

papiNet Standard - Version 2.31

- Enumeration ActualDeliveryCompletedDate , DeliveryNotAllowed, PriceListDate, PostingDate, SnowRemovalActualDate and SnowRemovalRequestedDate added to attribute DateType
- Enumeration NumberOfPackageReloads , RestrictionOnNumberOfLoads and RestrictionOnNumberOfVehicles added to attribute TransportPropertyType.
- Enumeration MilligramKOHPerGram, MilligramPerKilogram, PiecesPerDay, PiecesPerHour, Second and SquareMillimeterPerSecond added to attribute UOM.
- Enumeration MeasuringTicket added to attribute InfoRequestType.
- Enumeration ContractGroupReferenceNumber, EnergyCalculationReferenceNumber, PriceListItem, PriceListLineItem and ResourceInformationNumber added to simple type referenceType.
- Enumeration AshContent, DiameterMidHorizontal, DiameterMidVertical, FreshDensity, HydrogenBounded, LengthExcess, Vaporization Heat, MolecularValue, MeltingPoint, BoilingPoint, PourPoint, Density, WaterContent, TurbidityPoint, FilterAbility, CalorificIntensity, , Viscosity, CetaneNumber, CetaneIndex, SulfurContent, Aromaticity, FlashPoint, CarbonResidueRemnant, SulfatedAshContent, EsterContent, OxidationStability, AcidValue, IodineValue, MethanolContent, CopperBandCorrosion, GroupIMetals, GroupIIMetals, PhosphorusContent, NitrogenContent, TarRemnant, ColdFilterPluggingPoint, AlkaliMetals(Na+K), Evaporation, Polyaromatics, Lubricity, OctaneNumber, LeadContent, ReidVapourPressure, ExistentGumContent, OxygenContent, OxygenatesContent, OlefinsContent, BenzeneContent, MonoGlycerideContent, DiGlycerideContent, TriGlycerideContent, FreeGlycerineContent and TotalGlycerineContent added to attribute PropertyType.
- Enumeration Contracted and Rejected added to attribute QuantityTypeContext.
- Enumeration ForestryForwarder and Vessel added to attribute TransportVehicleType.
- Enumeration ForestryForwarderUnit and VesselUnit added to attribute TransportUnitType.
- Enumeration ContainerVesselUnit, ConventionalVesselUnit, RollOnOffVesselUnit, SidePortVesselUnit and TankVesselUnit added to attribute TransportUnitDetailType.
- Enumeration AssignedByAgencyID, AssignedByMachineOwnerID, MachineID and RFTagSerialNumber added to attribute TransportVehicleIdentifierType.
- Enumeration AssignedByAgencyID, AssignedByMachineOwnerID, MachineID and RFTagSerialNumber added to attribute TransportUnitIdentifierType.

Build Notes

papiNet Standard - Version 2.31

- Enumeration OnHold added to attribute EventType.
- Enumeration NotAvailable added to element RoadAvailability.
- Enumeration Pending added to attribute LoadTenderResponseStatusType.
- Enumeration LogisticsGrossWeight and LogisticsNetWeight added to attribute QuantityType.
- Enumeration Floating added to attribute TransportModeType.
- Enumeration ContractParty, PriceListParty and ProductAgency added to attribute AssignedBy and PartyType.
- Enumeration CarbonFootprint, EMAS and ISO14001 added to attribute SafetyAndEnvironmentalType.
- Enumeration AmericanChemicalSociety, ASTM and EU added to attribute Agency and WebBreakCauseAgency.
- Enumeration Duracoat and FX added to element Coating.
- Enumeration GlowInTheDark and Sparkle added to attribute FinishType.
- Enumeration CASNumber added to attribute ProductIdentifierType.
- Enumeration ASTM and CEN added to attribute MeasuringAgency.
- Enumeration ArrivalTicket added to attribute DocumentType and MeasuringTicketType.

Definitions

Definitions clarified for a number of items:

- **Elements**
MapPoint, PropertyAverageValue and PropertyValue.
- **Attributes**
No change
- **Enumerations**
 - BlueDeep, BlueStain and Moisture for attribute PropertyType.
 - LinePoint for attribute MapPointDisplayType.
 - DriverLicenseID, PassportID and PersonalID for attribute ContactIdentifierType.
 - RFTag for attribute TransportVehicleIdentifierType and TransportUnitIdentifierType.
 - RFTagSerialNumber for IdentifierCodeType.
 - PickupDate for attribute DateType.

Documentation

- Applicable definitions are updated in documentation of e-Documents.