



**papiNet**

## **Build Notes**

**papiNet Standard - Version 2.31**

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

**Build V2R31\_20121203**

**Date 2012-12-03**

**Production Release**

# Build Notes

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### Major changes in build V2R31\_20121203

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#### 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.
- LocationInfo added as optional repeatable to PurchaseOrderHeader and OrderConfirmationHeader.
- 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.

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- Data type for ClassificationDescription changed to s255.
- 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.

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#### **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.

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#### **Enumerations**

- Enumeration ActualDeliveryCompletedDate , DeliveryNotAllowed and

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PostingDate added to attribute DeliveryDateType.

- 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, LocationIDCode, 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.

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- Enumeration AssignedByAgencyID, AssignedByMachineOwnerID, MachineID and RFTagSerialNumber added to attribute TransportUnitIdentifierType.
- 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.

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### 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.

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### Documentation

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