

Dangerous Goods Transport Data Model DATEX II 3.0 Version 01-03-00

Changelog



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Version 01-00-00



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Document History

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1. Changes within D2Packages

1.1 D2Package DGTransport

Object	Change

1.2 D2Package DGTransportUnit

Object	Change

1.3 D2Package DGDynamicInformation

Object	Change

1.4 D2Package DGAccompanyingInformation

Object	Change
D2Class DangerousGoodsQuantities	Name of class changed into DangerousGoodsQuantities1x1x3x6
D2Class DangerousGoodsQuantities D2Attribute totalQuantityPerTransportUnit	Name of attribute changed into totalQuantity1x1x3x6PerTransportUnit
D2Class DGTClass1	New Class to indicate the explosive content net mass for the whole transport (sum of transport documents)
D2Class DGTClass1 D2Attribute explosiveContentNetMassTransport	New attribute

1.5 D2Package DGTransportDocument

Object	Change
D2Relation between D2Identifiable DGTDocumentEntry and D2Class QuantitiesPerShipment	Aggregation deleted
D2Class DGClassificationFireworks, D2Attribute vehicleCountryCode	Name of attribute changed to authorityCountryCode
D2Relation between D2Class QuantitiesPerShipment and D2Class DGTDocument	Multiplicity at source D2Class QuantitiesPerShipment changed into 0..1
D2Class DGConsignementDescriptionStatic D2Attribute declaration	Attribute deleted and added to D2Class DGSpecialProvision

D2Class DGSpecialProvision D2Attribute declaration	Attributed added from D2Class DGConsignementDescriptionStatic
D2Class DGConsignementDescriptionStatic D2Attribute salvagePackage	Attribute type changed from Boolean to SalvagePackingTypeEnum
D2Class DGConsignementDescriptionStatic D2Attribute chemicalStabilization	New Attribute according to ADN/ADR/RID 5.4.1.1.15
D2Class DGConsignementDescriptionStatic D2Attribute molten	New Attribute according to ADN/ADR/RID 5.4.1.1.23
D2Class UniqueCompanyIdentifier	New class
D2Class UniqueCompanyIdentifier D2Attribute eORI	New Attribute
D2Class UniqueCompanyIdentifier D2Attribute nationalCompanyIdentifier	New Attribute
D2Relation between D2Class DGConsignementDescriptionStatic and D2Class DGSpecialProvision	Link moved from D2Class DGConsignementDescriptionStatic to D2Class DGDescriptionDetails (issue 0000018)
D2Class SP375	New class
D2Class NationalSP	Name of class changed into NationalSPAndOther
D2Class NationalSP D2Attribute	Name of the attribute changed into nationalSPAndOther
D2Class DGTDDocumentCoolingConditioning	New class
D2Class DGTDDocumentCoolingConditioning D2Attribute coolingConditioningType	New attribute
D2Class SP250	New class
D2Class SP250 D2Attribute chemicalWeaponsApproval	New attribute
D2Class CarriageIAW5x4x1x1x3x2	New class
D2Class QuantitiesPerShipment D2Attribute unitTotalQuantityPerTransportUnit	Attribute deleted
D2Class QuantitiesPerShipment D2Attribute totalQuantityPerTransportUnit	Attribute deleted
D2Class QuantitiesPerShipment D2Attribute totalQuantityPerCategoryPerTransportUnit	Attribute deleted
D2Class QuantitiesPerShipment D2Attribute category1CalculatedValue1x1x3x6PerShipment	New attribute
D2Class QuantitiesPerShipment D2Attribute category2CalculatedValue1x1x3x6PerShipment	New attribute
D2Class QuantitiesPerShipment D2Attribute category3CalculatedValue1x1x3x6PerShipment	New attribute
D2Class QuantitiesPerShipment D2Attribute category4CalculatedValue1x1x3x6PerShipment	New attribute
D2Class QuantitiesPerShipment D2Attribute totalCalculatedValue1x1x3x6PerShipment	New attribute

D2Class QuantitiesPerShipment D2Attribute totalQuantityPerCategory0PerShipment	New attribute
D2Class QuantitiesPerShipment D2Attribute totalQuantityPerCategory1PerShipment	New attribute
D2Class QuantitiesPerShipment D2Attribute totalQuantityPerCategory2PerShipment	New attribute
D2Class QuantitiesPerShipment D2Attribute totalQuantityPerCategory3PerShipment	New attribute
D2Class QuantitiesPerShipment D2Attribute totalQuantityPerCategory4PerShipment	New attribute
D2Class DGTDocumentClass1 D2Attribute explosiveContentNetMass	Attribute name amended to show that this is the sum of the net explosive mass for all entries in the transport document. New attribute name is D2Attribute explosiveContentNetMassTotalDocument
D2Class CarriageIAW1x1x4x7	New class according to ADN/ADR/RID 5.4.1.1.24
D2Class CarriageIAW1x1x4x7 D2Attribute carriageIAW1x1x4x7	New attribute according to ADN/ADR/RID 5.4.1.1.24
D2Class DGConsignmentDescriptionStaticWaste	New class according to ADN/ADR/RID 5.4.1.1.3.2
D2Class DGConsignmentDescriptionStaticWaste D2Attribute quantityEstimatedIAW5x4x1x1x3x2	New attribute according to ADN/ADR/RID 5.4.1.1.3.2
D2Class DGConsignmentDescriptionStaticWaste D2Attribute unitQuantityEstimatedIAW5x4x1x1x3x2	New attribute according to ADN/ADR/RID 5.4.1.1.3.2

1.6 D2Package DGTEmpyUncleanedContainments

Object	Change
D2Class EmptyNonPackaging	Abstract attribute changed from True into False
D2Class EmptyUncleanedContainments	Abstract attribute changed from True into False
D2Class EmptyUncleaned	Abstract attribute changed from True into False
D2Class EmptyPackaging	Abstract attribute changed from True into False

1.7 D2Package DGDescriptionDetails

Object	Change
D2Relation between D2Class DGDescriptionDetails and D2Class DGSpecialProvision	Link moved from D2Class DGConsignmentDescriptionStatic to D2Class DGDescriptionDetails (issue 0000018)

1.8 D2Package Datatypes

Object	Change
D2Datatype VehicleCountryCodeType	Datatype changed into AuthorityCountryCodeType

1.9 D2Package Enumerations

Object	Change
D2Enumeration EmptyUncleanedContainmentLargeTypeEnum D2Literal emptyBatteryWagon	New literal
D2Enumeration EmptyUncleanedContainmentLargeTypeEnum D2Literal emptyTankWagon	New literal
D2Enumeration EmptyUncleanedContainmentLargeTypeEnum D2Literal emptyWagon	New literal
D2Enumeration CoolingConditioningTypeEnum D2Literal conditioningType	New literal
D2Enumeration CoolingConditioningTypeEnum D2Literal coolingType	New literal
D2Enumeration CarriagetlAWEEnum D2Literal 6x7x2x19x6b	Chapter changed to 6x7x2x19x6x1b, therefore literal changed to D2Literal 6x7x2x19x6x1b
D2Enumeration CarriagetlAWEEnum D2Literal 6x7x2x15x6b	Chapter changed to 6x7x2x15x6x1b, therefore literal changed to D2Literal 6x7x2x15x6x1b
D2Enumeration CarriagetlAWEEnum D2Literal 6x7x2x14x6b	Chapter changed to 6x7x2x14x6x1b, therefore literal changed to D2Literal 6x7x2x14x6x1b
D2Enumeration CarriagetlAW1x1x4x7Enum	New enumeration and literals according to ADN/ADR/RID 5.4.1.1.24
D2Enumeration SalvagePackingTypeEnum	New enumeration according to ADN/ADR/RID 5.4.1.1.5
D2Enumeration CoolingConditioningTypeEnum	New enumeration according to ADN/ADR/RID 5.5.3.7

2. Changes in future to be agreed

2.1 Links between D2Class DangerousGoodsDocuments::Carrier and ConnectingCarrier

If an alignment with Eu-Custom Code like the eFTI proposal is required, then 2 other links with a name respectively „masterLevel“, and „houseLevel“ should be introduced.

2.2 W3C Signature

Currently, the W3C signature is being integrated into the DATEX II dangerous goods namespace. For this purpose, the xmldsig-core-schema.xsd is integrated in the data model (source: <https://www.w3.org/TR/xmldsig-core2>). In the future, the signature will be integrated via the W3C namespace.

2.3 ADN 2023

The specific changes for ADN 2023 will be considered in the model version 01-04-00.

Annex 1 List of regulation updates, XX/XX/2023

No.	Amendment applicable from	Documents	Amendment As taken from documents for ADR (EXE/TRANS/WP.15...), re-checked with RID notification document and published AND version	Remarks by ... Red= needs to be checked Green= no influence on data model Purple = Remark by ...
1.				
2.				
3.				

Annex 2 Information required during transport in other documents than in 5.4.1, XX/XX/2022

No.	Para	Text	Remarks (G. Schwan)
			Red= needs to be checked Green= no influence on data model Purple = Comment Christian Lüpkes
1.			
2.			
3.			