ONE Record Data Model Version as of 06.02.2020 1 1 DISTANCE TRANSPORT_ROUTE TRANSPORT_SEGMENT ULD BOOKING **DistanceURI** TransportRouteURI ULDURI BookingURI (incl. BookingRefNumber?) **TransportSegmentURI** DepartureLocation: LOCATION TransportRoute: TRANSPORT_ROUTE DistanceMeasured: VALUE Type: text WavbillNumber: WAYBILL Consignee *: COMPANY DistanceCalculated: VALUE ArrivalLocation: LOCATION IATADesignator: text ModeCode: text Distance: DISTANCE Shipper *: COMPANY CalculationApproach: text TransportIdentifier: text LoadingIndicator: text TransportDate: dateTime SerialNumber: text Carrier *: COMPANY * Mandatory elements TransportMeans: TRANSPORT_MEANS NotifyParty (n): COMPANY OwnerCodeIssuer: text (n) multiple elements / arrays ExternalReference (n): EXTERNAL_REFERENCE OwnerCode: text OriginDestination: TRANSPORT_ROUTE TRANSPORT_MEANS FreightForwarder: COMPANY Seal: text OwnerCompany: COMPANY TransportMeansURI TransportMeansOperator (n): PERSON TareWeight: VALUE RequestedRouting Fuel_type: text UPID: PIECE - ??? TotalChargeableWeight TransportCompany: COMPANY many TransportSegment (n): TRANSPORT_SEGMENT Fuel_amount_measured: VALUE VehicleType: text ChargeDeclaration **Common Objects** Fuel_amount_calculated: VALUE ExternalReference (n): EXTERNAL_REFERENCE OtherCharge VehicleRegistration: text CO2Emissions: VALUE DeckPosition: text PaymentMethodCode VehicleSize: text VOLUMETRIC WEIGHT PERSON SHIPMENT CO2CalculationMethod: CO2_CALC_METHOD TypicalFuelConsumption: VALUE PiecesAndULDCount Event (n): EVENT many Vweight_URI PersonURI Dimensions TransportSegment: TRANSPOR_SEGMEN -ULDs (n): ULD ShipmentURI many ConversionFactor: VALUE ContactType: text TypicalCO2Coefficient: Value Pieces (n): PIECE TotalGrossWeight WayBillNumber *: WAYBILL ChargableWeight: VALUE Salutation: text Event (n): EVENT VolumetricWeight: VOLUMETRIC_WEIGHT ShipmentDetails (n): PIECE FirstName: text Event (n): EVENT TotalPieceCount: Numeric **DIMENSIONS** MiddleName: text BookingResponse: BookingResponse TotalSLAC: Numeric 1 ?? LastName: text DimsURI CO2_CALC_METHOD TotalGrossWeight *: VALUE JobTitle: text many Width: VALUE VolumetricWeight * (n): VOLUMETRIC_WEIGHT CO2MethodURI Department: text PIECE WAYBILL INSURANCE Length: VALUE many Dimensions (n): DIMENSIONS EmployeeID: text many Height: VALUE MethodName: text **PieceURI** WaybillURI (incl. AirWaybillnumber?) InsuranceURI ExternalReference (n): EXTERNAL_REFERENCE Contact (n): CONTACT Volume: VALUE MethodVersion: alphanumerical ContainedPiece (n): PIECE CoveringParty: COMPANY ContainedWaybill (n); WAYBILL InsuranceAmount: VALUE UPID: alphanumerical CONTACT GEOLOCATION ITEM GoodsDescription *: text Type: text (House or Master) ContactURI GeolocURI ProductionCountry (n): COUNTRY Carrier: COMPANY PhoneNumber: text Latitude: VALUE Shipper *: COMPANY Shipper: COMPANY OtherIdentfier (n): OTHER_IDENTIFIER EmailAddress: text many OtherParty (n): COMPANY Longitude: VALUE Consignee *: COMPANY ContactOther: CONTACTOTHER Production: PRODUCTION Elevation: VALUE TransportSegment (n): TRANSPORT_SEGMENT NotifyParty (n): COMPANY Product *: PRODUCT SLAC: numeric TotalPieceCount: Numeric Event: EVENT CONTACTOTHER many **ADDRESS** Dimensions: DIMENSIONS TotalSLAC: PIECE & ULD? Numeric? SPECIALHANDLING TargetCountry: COUNTRY ContactOtherURI GrossWeight *: VALUE AddressURI otalGrossWeight: from SHIPMENT UnitPrice: VALUE **SpecialHandlingURI** Type: text VolumetricWeight *: VOLUMETRIC_WEIGHT TotalVolume: VALUE Street (n): text many QuantityForUnitPrice: numerical CARRIERSIGNATURE Code: text Detail: text surance: INSURANCE SpecialHandling (n): SPECIALHANDLING POBox: text many Weight: VALUE CarrierSignatureURI ServiceRequest (n): SERVICEREQUEST arrierSignature: CARRIERSIGNATURE PostalCode: text Dimensions: DIMENSIONS ExternalReference (n): EXTERNAL_REFERENCE hipperSignature: SHIPPERSIGNATURE SignatoryCompany: COMPANY CitvCode: text COUNTRY BatchNumber: text many SERVICEREQUEST Otherldentifier (n): OTHER_IDENTIFIER WaybillLine (deprecated) CityName: text Date: dateTime CountryURI LotNumber: text ULDReference: ULD RegionCode: text ServiceRequestURI AccountInformationDescription (deprecated) Location: LOCATION CountryCode: text ProductExpiryDate: dateTime many PackagingType: PACKAGINGTYPE AccountInformationCode (deprecated) RegionName: text Code: text CountryName: text ProductionDate: dateTime Product: PRODUCT AddressCodeType: text Description: text ProductionCountry: COUNTRY Event (n): EVENT AddressCode (n): text StatementType (n): text IsInPiece: PIECE LOCATION SHIPPERSIGNATURE SecurityStatus: SECURITY_STATUS Country: COUNTRY LOCATION StatementText: text LocURI SecurityInfo: SECURITY_INFO **ShippersignatureURI** many Type: text CustomStatus (n): CUSTOM_STATUS OTHER_PARTY SignatoryCompany: COMPANY Code: text CustomsInformation: CUSTOMS_INFO CHARACTERISTICS PRODUCT * many OtherPartyURI Name: text many CharacteristicsURI ProductURI RoleName: text Geolocation: GEOLOCATION CompanyDetails: COMPANY Manufacturer: COMPANY Type: text Address: ADDRESS Value: text ProductDescription: text PACKAGINGTYPE (incomplete) CUSTOMS_STATUS ProductIdentifier: text many OTHER_IDENTIFIER EXTERNAL_REFERENCE PackagingTypeURI CustomsStatusURI OtherIdentifier (n): OTHER_IDENTIFIER OtherIDURI External_refURI Code: text Characteristic (n): CHARACTERISTICS CustomsStatusCode Type: text DocumentType: text Description: text CustomsInformation (n): CUSTOMS_INFO UNNumber: text Identifier: text DocumentName: text CommodityName: text Piece: PIECE DocumentOriginator: COMPANY CommodityCode *: text DocumentID: text COMPANY CUSTOMS_INFO CommodityType *: text DocumentVersion: text CompanyURI Type: text EVENT CountryCode: text Identifier: text **EventURI** many SubjectCode: text EventTypeIndicator *: text SECURITY STATUS SECURITY_INFO ContentCode: text DateTime *: dateTime BRANCH CustomsInformation: text SecurityStatusURI SecurityInfoURI EventCode: text BranchURI CustomsNode: text StatusCode *: text AdditionalSecurityInformation (n): text EventName: text

RECEIVEDFROM

RegulatedPartyType: text

RegulatedEntityID: COMPANY

ExpiryDate: dateTime

ExternalReference: EXTERNAL_REFERENCE

REASONSFORSECURITYSTATUS

ReceivedFrom (n): RECEIVEDFROM

ScreeningMethod (n): text
GroundsForExemption (n): text

OtherScreeningMethods (n): text

ReasonsURI

IssuedOn *: dateTime

IssuedBy *: COMPANY

RegulatingAuthority: text

ReceivedBy: COMPANY

Piece: PIECE

RegulatedPartyType *: text

ReasonsForSecurityStatus *: REASONSFOR

BranchName: text

Location: LOCATION

ContactPerson (n): PERSON

IATACargoAgentLocationIdentifier: numerical

Otherldentifier (n): OTHER_IDENTIFIER

PerformedBv: COMPANY

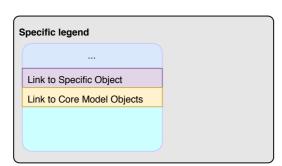
IOT_DATA

Location: LOCATION

IOTURI

tbd by ICTF

MCD inputs on Quote & Book process Version as of 06.02.2020



BookingResponse

Status: text

Offer: OFFER

BookingRequest

BookingRequestURI

Status: text Offer: OFFER

WaybillNumber: WAYBILL or text?

TransportMovement: TRANSPORT_SEGMENT

Price: PRICE

CarrierProductInfo: PRODUCTINFO Preferences: PREFERENCES

RequestMatchInd: boolean

GoodsDetails: GoodsDetails

SecurityStatus: SECURITY_STATUS Parties (n): OTHER_PARTY

Handling: HANDLING

SecurityStatus: SECURITY_STATUS

Handling: HANDLING

GoodsDetails: GoodsDetails

Parties (n): OTHER_PARTY Preferences: PREFERENCES

Request: QuoteRequest

Offers (n): OFFER

QuoteRequestURI

PREFERENCES

PreferencesURI

WeightUoM: text

DimsUoM: text

curr: text

Filters (n): FILTERS

FILTERS

FiltersURI

aircraftPossibilityCode: alphanumerical

rfsInd: boolean

latestArrivalDateTime: dateTime

maxConnections: numerical

OnlineInd: boolean

GoodsDetails

QuoteResponse

QuoteRequest

TransportMovement: TRANSPORT_SEGMENT

GoodsDetailsURI

Description: text

Bulk (n): BULK

ULDs (n): ULD ???

dangerousGoods (n): DangerousGoods

CommodityCode *: text CommodityDescription *: text

CommodityType *: text

BULK (PIECE?)

BulkURI

coload: boolean

NbPieces: numerical

Dims: DIMENSION

ContainedPieces: ??

ContainedPiecesURI

weight: WEIGHT

turnable: boolean

slac: numerical

weight: WEIGHT

ContainedPieces

NbPieces: numerical

stackable: boolean

Dims: DIMENSION

many