

**EXCISE MOVEMENT AND CONTROL SYSTEM**

**PHASE 3.4**

**XSD CHANGES**

**Which XSD files have been changed in comparison with the current version 3.3?**

Compared to the actual version 3.3, we have listed changes in the XSDs below:

* EM801.xsd
* EM813.xsd
* EM815.xsd
* EM819.xsd
* Types.xsd
* Common.xsd

**EM801.xsd**

The element „ AlcoholicStrength“ has been renamed to "AlcoholicStrengthByVolumeInPercentage".

<xs:sequence>

 <xs:element name="BodyRecordUniqueReference" type="emcs:BodyRecordUniqueReferenceType"/>

 <xs:element name="ExciseProductCode" type="emcs:ExciseProductCodeType"/>

 <xs:element name="CnCode" type="emcs:CnCodeType"/>

 <xs:element name="Quantity" type="emcs:QuantityType"/>

 <xs:element name="GrossWeight" type="emcs:GrossWeightType"/>

 <xs:element name="NetWeight" type="emcs:NetWeightType"/>

 <xs:element name="AlcoholicStrengthByVolumeInPercentage" type="emcs:AlcoholicStrengthType" minOccurs="0"/>

 <xs:element name="DegreePlato" type="emcs:DegreePlatoType" minOccurs="0"/>

 <xs:element name="FiscalMark" type="com:LSDFiscalMarkType" minOccurs="0"/>

 <xs:element name="FiscalMarkUsedFlag" type="tcl:Flag" minOccurs="0"/>

 <xs:element name="DesignationOfOrigin" type="com:LSDDesignationOfOriginType" minOccurs="0"/>

 <xs:element name="SizeOfProducer" type="emcs:SizeOfProducerType" minOccurs="0"/>

 <xs:element name="Density" type="emcs:DensityType" minOccurs="0"/>

 <xs:element name="CommercialDescription" type="com:LSDCommercialDescriptionType" minOccurs="0"/>

 <xs:element name="BrandNameOfProducts" type="com:LSDBrandNameOfProductsType" minOccurs="0"/>

 <xs:element name="Package" type="com:PackageType" minOccurs="1" maxOccurs="99"/>

 <xs:element name="WineProduct" type="com:WineProductType" minOccurs="0"/>

</xs:sequence>

**EM813.xsd**

The complex element „MovementGuaranteeType“ has been added.

<xs:complexType name="DestinationChangedType">

 <xs:annotation>

 <xs:documentation>

 <doc:description value="(DESTINATION) CHANGED" />

 </xs:documentation>

 </xs:annotation>

 <xs:sequence>

 <xs:element name="DestinationTypeCode" type="tcl:ChangedDestinationTypeCode" />

 <xs:element name="NewConsigneeTrader" type="com:ConsigneeTraderOptionalType" minOccurs="0" />

 <xs:element name="DeliveryPlaceTrader" type="com:DeliveryPlaceTraderType" minOccurs="0" />

 <xs:element name="DeliveryPlaceCustomsOffice" type="com:DeliveryPlaceCustomsOfficeType" minOccurs="0" />

 <xs:element name="MovementGuarantee" type="ie:MovementGuaranteeType" minOccurs="0" />

 </xs:sequence>

</xs:complexType>

<xs:complexType name="MovementGuaranteeType">

 <xs:sequence>

 <xs:element name="GuarantorTypeCode" type="tcl:GuarantorTypeCode" />

 <xs:element name="GuarantorTrader" type="com:NationalGuarantorTraderType" minOccurs="0" maxOccurs="1" />

 </xs:sequence>

</xs:complexType>

**EM819.xsd**

The element „ConsigneeTrader“ becomes optional.

<xs:complexType name="AlertOrRejectionOfEADType">

 <xs:sequence>

 <xs:element name="Attributes" type="ie:AttributesType" />

 <xs:element name="ConsigneeTrader" type="com:ConsigneeTraderOptionalType" minOccurs="0" />

 <xs:element name="ExciseMovementEad" type="ie:ExciseMovementEadType" />

 <xs:element name="DestinationOffice" type="com:DestinationOfficeType" />

 <xs:element name="AlertOrRejection" type="ie:AlertOrRejectionType" />

 <xs:element name="AlertOrRejectionOfEadReason" type="ie:AlertOrRejectionOfEadReasonType" minOccurs="0" maxOccurs="9" />

 </xs:sequence>

 </xs:complexType>

**EM815.xsd**

1: The element „ImportSAD“ has been modified.

<xs:sequence>

 <xs:element name="ImportSad" type="com:ImportSadType" minOccurs="0" maxOccurs="1" />

</xs:sequence>

2: The complex element „ MovementGuaranteeType “ has been added.

<xs:complexType name="MovementGuaranteeType">

 <xs:sequence>

 <xs:element name="GuarantorTypeCode" type="tcl:GuarantorTypeCode"/>

 <xs:element name="GuarantorTrader" type="com:NationalGuarantorTraderType" minOccurs="0" maxOccurs="1"/>

 </xs:sequence>

</xs:complexType>

3: The element „DateOfDispatch“ becomes optional.

<xs:element name="DateOfDispatch" type="emcs:DateType" minOccurs="0" />

4: The element „AlcoholicStrength“ has been renamed to „AlcoholicStrengthByVolumeInPercentage“.

<xs:element name="AlcoholicStrengthByVolumeInPercentage" type="emcs:AlcoholicStrengthType" minOccurs="0" />

5: The element „AttributesType“ has been deleted.

<xs:complexType name="SubmittedDraftOfEADType">

 <xs:sequence>

 <xs:element name="Attributes" type="ie:AttributesType" />

 <xs:element name="ConsigneeTrader" type="com:ConsigneeTraderOptionalType" minOccurs="0" />

 <xs:element name="ConsignorTrader" type="com:NationalConsignorTraderType" />

 <xs:element name="PlaceOfDispatchTrader" type="com:NationalPlaceOfDispatchTraderType" minOccurs="0" />

 <xs:element name="DispatchImportOffice" type="com:DispatchImportOfficeType" minOccurs="0" />

 <xs:element name="ComplementConsigneeTrader" type="com:ComplementConsigneeTraderType" minOccurs="0" />

 <xs:element name="DeliveryPlaceTrader" type="com:NationalDeliveryPlaceTraderType" minOccurs="0" />

 <xs:element name="DeliveryPlaceCustomsOffice" type="com:DeliveryPlaceCustomsOfficeType" minOccurs="0" />

 <xs:element name="TransportArrangerTrader" type="com:TransportArrangerTraderType" minOccurs="0" />

 <xs:element name="FirstTransporterTrader" type="com:TransporterTraderType" minOccurs="0" />

 <xs:element name="DocumentCertificate" type="com:DocumentCertificateType" minOccurs="0" maxOccurs="9" />

 <xs:element name="HeaderEad" type="ie:HeaderEadType" />

 <xs:element name="TransportMode" type="com:TransportModeType" />

 <xs:element name="MovementGuarantee" type="com:MovementGuaranteeType" />

 <xs:element name="BodyEad" type="ie:BodyEadType" maxOccurs="unbounded" />

 <xs:element name="EadDraft" type="ie:EadDraftType" />

 <xs:element name="TransportDetails" type="com:TransportDetailsType" maxOccurs="99" />

 </xs:sequence>

</xs:complexType>

<xs:complexType name="AttributesType">

 <xs:sequence>

 <xs:element name="SubmissionMessageType" type="tcl:SubmissionType" />

 <xs:element name="DeferredSubmissionFlag" type="tcl:Flag" minOccurs="0" />

 </xs:sequence>

</xs:complexType>

**Types.xsd**

1: The format of type "ActualQuantityType" has been modified.

<xs:simpleType name="ActualQuantityType">

 <xs:annotation>

 <xs:documentation>

 <doc:description value="Actual Quantity"/>

 </xs:documentation>

 </xs:annotation>

 <xs:restriction base="xs:decimal">

 <xs:totalDigits value="15"/>

 <xs:fractionDigits value="3"/>

 <xs:minExclusive value="0"/>

 <xs:pattern value="[1-9]\d{0,14}"/>

 <xs:pattern value="([1-9]\d{0,13}|0)\.[0-9]"/>

 <xs:pattern value="([1-9]\d{0,12}|0)\.\d[0-9]"/>

 <xs:pattern value="([1-9]\d{0,11}|0)\.\d\d[0-9]"/>

 </xs:restriction>

</xs:simpleType>

2: The format of type "AlcoholicStrengthType" has been modified.

<xs:simpleType name="AlcoholicStrengthType">

 <xs:annotation>

 <xs:documentation>

 <doc:description value="Alcoholic Strength by Volume in Percentage"/>

 </xs:documentation>

 </xs:annotation>

 <xs:restriction base="xs:decimal">

 <xs:totalDigits value="5"/>

 <xs:fractionDigits value="2"/>

 <xs:minExclusive value="0"/>

 <xs:pattern value="[1-9]\d{0,4}"/>

 <xs:pattern value="([1-9]\d{0,3}|0)\.[0-9]"/>

 <xs:pattern value="([1-9]\d{0,2}|0)\.\d[0-9]"/>

 </xs:restriction>

</xs:simpleType>

3: The format of type "CnCodeType" has been modified.

<xs:simpleType name="CnCodeType">

 <xs:annotation>

 <xs:documentation>

 <doc:description value="CN Code"/>

 </xs:documentation>

 </xs:annotation>

 <xs:restriction base="xs:token">

 <xs:length value="8"/>

 <xs:pattern value="[0-9]{8}"/>

 </xs:restriction>

</xs:simpleType>

4: The format of type "DegreePlatoType" has been modified.

<xs:simpleType name="DegreePlatoType">

 <xs:annotation>

 <xs:documentation>

 <doc:description value="Degree Plato"/>

 </xs:documentation>

 </xs:annotation>

 <xs:restriction base="xs:decimal">

 <xs:totalDigits value="5"/>

 <xs:fractionDigits value="2"/>

 <xs:minExclusive value="0"/>

 <xs:pattern value="[1-9]\d{0,4}"/>

 <xs:pattern value="([1-9]\d{0,3}|0)\.[0-9]"/>

 <xs:pattern value="([1-9]\d{0,2}|0)\.\d[0-9]"/>

 </xs:restriction>

</xs:simpleType>

5: The format of type "GrossWeightType" has been modified.

<xs:simpleType name="GrossWeightType">

 <xs:annotation>

 <xs:documentation>

 <doc:description value="Gross Weight"/>

 </xs:documentation>

 </xs:annotation>

 <xs:restriction base="xs:decimal">

 <xs:totalDigits value="15"/>

 <xs:fractionDigits value="2"/>

 <xs:minExclusive value="0"/>

 <xs:pattern value="[1-9]\d{0,14}"/>

 <xs:pattern value="([1-9]\d{0,13}|0)\.[0-9]"/>

 <xs:pattern value="([1-9]\d{0,12}|0)\.\d[0-9]"/>

 </xs:restriction>

</xs:simpleType>

6: The format of type "NetWeightType" has been modified.

<xs:simpleType name="NetWeightType">

 <xs:annotation>

 <xs:documentation>

 <doc:description value="Net Weight"/>

 </xs:documentation>

 </xs:annotation>

 <xs:restriction base="xs:decimal">

 <xs:totalDigits value="15"/>

 <xs:fractionDigits value="2"/>

 <xs:minExclusive value="0"/>

 <xs:pattern value="[1-9]\d{0,14}"/>

 <xs:pattern value="([1-9]\d{0,13}|0)\.[0-9]"/>

 <xs:pattern value="([1-9]\d{0,12}|0)\.\d[0-9]"/>

 </xs:restriction>

</xs:simpleType>

7: The format of type "NumberOfPackagesType" has been modified.

<xs:simpleType name="NumberOfPackagesType">

 <xs:annotation>

 <xs:documentation>

 <doc:description value="Number of packages"/>

 </xs:documentation>

 </xs:annotation>

 <xs:restriction base="xs:token">

 <xs:maxLength value="15"/>

 <xs:pattern value="[0]|[1-9]{1}[0-9]{0,14}"/>

 </xs:restriction>

</xs:simpleType>

8: The format of type "ObservedShortageOrExcessType" has been modified.

<xs:simpleType name="ObservedShortageOrExcessType">

 <xs:annotation>

 <xs:documentation>

 <doc:description value="Observed Shortage or Excess"/>

 </xs:documentation>

 </xs:annotation>

 <xs:restriction base="xs:decimal">

 <xs:totalDigits value="15"/>

 <xs:fractionDigits value="3"/>

 <xs:minExclusive value="0"/>

 <xs:pattern value="[1-9]\d{0,14}"/>

 <xs:pattern value="([1-9]\d{0,13}|0)\.[0-9]"/>

 <xs:pattern value="([1-9]\d{0,12}|0)\.\d[0-9]"/>

 <xs:pattern value="([1-9]\d{0,11}|0)\.\d\d[0-9]"/>

 </xs:restriction>

</xs:simpleType>

9: The format of type "QuantityType" has been modified.

<xs:simpleType name="QuantityType">

 <xs:annotation>

 <xs:documentation>

 <doc:description value="Quantity"/>

 </xs:documentation>

 </xs:annotation>

 <xs:restriction base="xs:decimal">

 <xs:totalDigits value="15"/>

 <xs:fractionDigits value="3"/>

 <xs:minExclusive value="0"/>

 <xs:pattern value="[1-9]\d{0,14}"/>

 <xs:pattern value="([1-9]\d{0,13}|0)\.[0-9]"/>

 <xs:pattern value="([1-9]\d{0,12}|0)\.\d[0-9]"/>

 <xs:pattern value="([1-9]\d{0,11}|0)\.\d\d[0-9]"/>

 </xs:restriction>

</xs:simpleType>

10: The format of type "DensityType" has been modified.

<xs:simpleType name="DensityType">

 <xs:annotation>

 <xs:documentation>

 <doc:description value="Density"/>

 </xs:documentation>

 </xs:annotation>

 <xs:restriction base="xs:decimal">

 <xs:totalDigits value="5"/>

 <xs:fractionDigits value="2"/>

 <xs:minExclusive value="0"/>

 <xs:pattern value="[1-9]\d{0,4}"/>

 <xs:pattern value="([1-9]\d{0,3}|0)\.[0-9]"/>

 <xs:pattern value="([1-9]\d{0,2}|0)\.\d[0-9]"/>

 </xs:restriction>

</xs:simpleType>

11: The format of type "DocumentReferenceType" has been modified.

<xs:simpleType name="DocumentReferenceType">

<xs:annotation>

<xs:documentation>

<doc:description value="Document Reference"/>

</xs:documentation>

</xs:annotation>

<xs:restriction base="xs:token">

<xs:maxLength value="35"/>

<xs:pattern value=".{1,35}"/>

</xs:restriction>

</xs:simpleType>

12: The format of type "RefusedQuantityType" has been modified.

<xs:simpleType name="RefusedQuantityType">

 <xs:annotation>

<xs:documentation>

<doc:description value="Refused Quantity"/>

</xs:documentation>

</xs:annotation>

<xs:restriction base="xs:decimal">

<xs:totalDigits value="15"/>

<xs:fractionDigits value="3"/>

<xs:minExclusive value="0"/>

<xs:pattern value="[1-9]\d{0,14}"/>

<xs:pattern value="([1-9]\d{0,13}|0)\.[0-9]"/>

<xs:pattern value="([1-9]\d{0,12}|0)\.\d[0-9]"/>

<xs:pattern value="([1-9]\d{0,11}|0)\.\d\d[0-9]"/>

 </xs:restriction>

</xs:simpleType>

13: The format of type "ShippingMarksType" has been modified.

<xs:simpleType name="ShippingMarksType">

 <xs:annotation>

 <xs:documentation>

 <doc:description value="Shipping Marks"/>

 </xs:documentation>

 </xs:annotation>

 <xs:restriction base="xs:token">

 <xs:maxLength value="999"/>

 <xs:pattern value=".{1,999}"/>

 </xs:restriction>

</xs:simpleType>

**Tcl.xs**

1: The type „CommonRequestType“ has been modified.

<xs:enumeration value="3">

 <xs:annotation>

 <xs:documentation>(reserved)</xs:documentation>

 </xs:annotation>

</xs:enumeration>

2: The type „PrimaryCriterionTypeCode“ has been modified.

<xs:enumeration value="4">

 <xs:annotation>

 <xs:documentation>(reserved)</xs:documentation>

 </xs:annotation>

</xs:enumeration>

<xs:enumeration value="7">

 <xs:annotation>

 <xs:documentation>(reserved)</xs:documentation>

 </xs:annotation>

</xs:enumeration>

3: The type „RequestedListOfCodesFull“ has been modified.

<xs:enumeration value="26">

 <xs:annotation>

 <xs:documentation>Refusal reasons</xs:documentation>

 </xs:annotation>

</xs:enumeration>

<xs:enumeration value="28">

 <xs:annotation>

 <xs:documentation>Request action</xs:documentation>

 </xs:annotation>

</xs:enumeration>

<xs:enumeration value="29">

 <xs:annotation>

 <xs:documentation>Request reasons</xs:documentation>

 </xs:annotation>

</xs:enumeration>

<xs:enumeration value="36">

 <xs:annotation>

 <xs:documentation>Type of document</xs:documentation>

 </xs:annotation>

</xs:enumeration>

<xs:enumeration value="37">

 <xs:annotation>

 <xs:documentation>(reserved)</xs:documentation>

 </xs:annotation>

</xs:enumeration>

<xs:enumeration value="38">

 <xs:annotation>

 <xs:documentation>(reserved)</xs:documentation>

 </xs:annotation>

</xs:enumeration>

4: The type „FunctionalErrorCodes“ has been modified.

<xs:enumeration value="12">

 <xs:annotation>

 <xs:documentation>Incorrect (code) value</xs:documentation>

 </xs:annotation>

</xs:enumeration>

<xs:enumeration value="15">

 <xs:annotation>

 <xs:documentation>Not supported in this position</xs:documentation>

 </xs:annotation>

</xs:enumeration>

<xs:enumeration value="90">

 <xs:annotation>

 <xs:documentation>Unknown ARC</xs:documentation>

 </xs:annotation>

</xs:enumeration>

5: The type „TechnicalMessageType“ has been modified.

<xs:enumeration value="IE880">

 <xs:annotation>

 <xs:documentation>MANUAL CLOSURE REQUEST</xs:documentation>

 </xs:annotation>

</xs:enumeration>

<xs:enumeration value="IE881">

 <xs:annotation>

 <xs:documentation>MANUAL CLOSURE RESPONSE</xs:documentation>

 </xs:annotation>

</xs:enumeration>

6: The type „RequestedMessageType“ has been modified.

<xs:enumeration value="IE880">

 <xs:annotation>

 <xs:documentation>MANUAL CLOSURE REQUEST</xs:documentation>

 </xs:annotation>

</xs:enumeration>

<xs:enumeration value="IE881">

 <xs:annotation>

 <xs:documentation>MANUAL CLOSURE RESPONSE</xs:documentation>

 </xs:annotation>

</xs:enumeration>

**Common.xsd**

1: The value 3.4 has been added to the element „VersionType“.

<xs:simpleType name="VersionType">

 <xs:annotation>

 <xs:documentation>Version of the Protocol</xs:documentation>

 </xs:annotation>

 <xs:restriction base="xs:string">

 <xs:enumeration value="1.0" />

 <xs:enumeration value="3.0" />

 <xs:enumeration value="3.2" />

 <xs:enumeration value="3.3" />

 <xs:enumeration value="3.4" />

 </xs:restriction>

</xs:simpleType>

2: The complex elements „DocumentTypeType“ and „DocumentReferenceType“ have been added.

<xs:sequence>

 <xs:element name="DocumentType" type="emcs:DocumentTypeType" minOccurs="0" />

 <xs:element name="DocumentReference" type="emcs:DocumentReferenceType" minOccurs="0" />

 <xs:element name="DocumentDescription" type="com:LSDDocumentDescriptionType" minOccurs="0" />

 <xs:element name="ReferenceOfDocument" type="com:LSDReferenceOfDocumentType" minOccurs="0" />

</xs:sequence>

3: The complex element „ShippingMarksType“ has been added.

<xs:sequence>

 <xs:element name="KindOfPackages" type="emcs:KindOfPackagesType" />

 <xs:element name="NumberOfPackages" type="emcs:NumberOfPackagesType" minOccurs="0" />

 <xs:element name="ShippingMarks" type="emcs:ShippingMarksType" minOccurs="0" />

 <xs:element name="CommercialSealIdentification" type="emcs:CommercialSealIdentificationType" minOccurs="0" />

 <xs:element name="SealInformation" type="com:LSDSealInformationType" minOccurs="0" />

</xs:sequence>

4: The complex element „NationalGuarantorTraderType“ has been added.

<xs:complexType name="NationalGuarantorTraderType">

 <xs:annotation>

 <xs:documentation>

 <doc:description value="(GUARANTOR) TRADER" />

 </xs:documentation>

 </xs:annotation>

 <xs:sequence>

 <xs:element minOccurs="0" name="TraderExciseNumber" type="emcs:ExciseNumberType" />

 </xs:sequence>

 <xs:attribute name="language" type="emcs:LanguageCodeType" use="optional" />

</xs:complexType>

5: The complex element „GuarantorTraderType“ has been modified.

<xs:complexType name="GuarantorTraderType">

 <xs:annotation>

 <xs:documentation>

 <doc:description value="(GUARANTOR) TRADER" />

 </xs:documentation>

 </xs:annotation>

 <xs:sequence>

 <xs:element name="TraderExciseNumber" type="emcs:ExciseNumberType" minOccurs="0" />

 <xs:element name="TraderName" type="emcs:TraderNameType" minOccurs="0" />

 <xs:element name="StreetName" type="emcs:StreetNameType" minOccurs="0" />

 <xs:element name="StreetNumber" type="emcs:StreetNumberType" minOccurs="0" />

 <xs:element name="City" type="emcs:CityType" minOccurs="0" />

 <xs:element name="Postcode" type="emcs:PostcodeType" minOccurs="0" />

 <xs:element name="VatNumber" type="emcs:VatNumberType" minOccurs="0" />

 </xs:sequence>

 <xs:attribute name="language" type="emcs:LanguageCodeType" use="optional" />

</xs:complexType>

6: The complex element „LSDHistoryRequestReasonType“ has been added.

<xs:complexType name="LSDHistoryRequestReasonType">

 <xs:simpleContent>

 <xs:extension base="emcs:HistoryRequestReasonType">

 <xs:attribute name="language" type="emcs:LanguageCodeType" use="required" />

 </xs:extension>

 </xs:simpleContent>

</xs:complexType>

7: The complex element „LSDManualClosureRejectionComplementType“ has been added.

 <xs:complexType name="LSDManualClosureRejectionComplementType">

 <xs:simpleContent>

 <xs:extension base="emcs:ManualClosureRejectionComplementType">

 <xs:attribute name="language" type="emcs:LanguageCodeType" use="required" />

 </xs:extension>

 </xs:simpleContent>

 </xs:complexType>

8: The complex element „LSDManualClosureRequestReasonCodeComplementType“ has been added.

 <xs:complexType name="LSDManualClosureRequestReasonCodeComplementType">

 <xs:simpleContent>

 <xs:extension base="emcs:ManualClosureRequestReasonCodeComplementType">

 <xs:attribute name="language" type="emcs:LanguageCodeType" use="required" />

 </xs:extension>

 </xs:simpleContent>

 </xs:complexType>