

Note for Traders Inputting an XML IE/IM515 message:

Introduction:

The commencement of Public Interface Testing has highlighted a number of items that need to be clarified. The main issues are detailed in “Points to note” below and the table on the following page maps SAD fields to Schema elements.

The AEP Trader Guide indicates which SAD boxes must be completed, the rules for their completion and the business level codes to be used. In addition there are certain message elements (see * below) that need to be completed. The codes for these elements are contained in the Customs Technical Reference lists

Points to Note:

The Import and Export schemas can be used to

- File a customs declaration,
- Correct a previously filed customs declaration,
- And retrieve a copy of a previously filed SAD

The elements CustomsReferenceIdentifier, AcceptanceDate and IERiskRouting should not be included when submitting an initial SAD. The values for these elements will be returned by the AEP system in the Sad Response Message.

CustomsReferenceIdentifier and AcceptanceDate need to be completed when correcting a previously filed SAD and for Supplementary Declarations for a previously filed incomplete SAD.

CustomsReferenceIdentifier, AcceptanceDate and IERiskRouting will be included in retrieved copies of previously files SADs.

There are two “message level” elements defined in the Import and Export schema that are not mentioned in the Trader Guide*. These are

- IEMessageType - must be completed using codes from the *Message Type Codes* in *Customs Technical Reference List*.
- IEMessageSendingDate. - Optional for the trade

Certain fields/SAD Boxes are concatenated in the Schemas. These are

Box 1.1 and Box 1.2 are contained in the element TypeCode

Box 49 (made up of code for warehouse type (A1), warehouse identification number (AN.14) and country code (A2)) maps to the element GoodsShipment.Warehouse.IdentificationIdentifier

Not all fields on the SAD are always required. Some are optional and some are conditional. Please **DO NOT** send empty XML tags for fields that are not completed. Sending empty XML tags can cause problems.

The SAD import schema has been extended to cater for Excise Duty Entries (EDEs) and now contains some elements unique to EDEs that should not be completed when submitting a SAD declaration. These elements are.

- GoodsShipment.DispatchDate
- GoodsShipment.Consignee.IEIERTNumber
- GoodsShipment.Consignee.IELocalNumber
- Agent.PhoneNumber

In certain cases the size of a schema element, based on the World Customs Organisation data model, can be longer than the corresponding definition in the Trader Guide. In all such cases the length given in the trader guide must be adhered to.

Mapping Guidelines

The table on the following page maps the SAD fields to the Import and Export Schema elements under the headings:

- SAD Box Numbers
- SAD Box Name
- SAD Schema name
- Code lists

This is provided as an aid for construction of XML messages. Please refer to the AEP Trader Guides for business rules and field sizes.

SAD IMPORT AND EXPORT SCHEMA

MAPPING GUIDE

SAD BOX NO	SAD BOX NAME	SAD IMPORT/EXPORT SCHEMA ELEMENT	CODE LISTS	NOTES
A	Customs Declaration reference number	CustomsReferenceIdentifier TYPE: WCO 020		This Number is assigned by the AEP system, and returned in the AEP response message.
A	Acceptance Date	AcceptanceDate TYPE: WCO 023		This date is assigned by the AEP system, and returned in the AEP response message.
A	Risk Routing	IERiskRouting TYPE: IERiskRouting	See Risk Routing codes in Customs Technical Reference List	This routing is assigned by the AEP system, and returned in the AEP response message.
	Sending Date	IEMessageSendingDate TYPE: IEDateTime		Optional for the Trade
	Message Type Code	IEMessageType TYPE: IEMessageType	See Message Type Codes in Customs Technical Reference List	

SAD BOX NO	SAD BOX NAME	SAD IMPORT/EXPORT SCHEMA ELEMENT	CODE LISTS	NOTES
	Specific Circumstance Indicator	SpecificCircumstanceIndicator TYPE: SpecificCircumstanceIndicator		
1	Type of Declaration	TypeCode TYPE: WCO 001	See Type of Importation/Exportation codes in Trader Guide See Declaration Type codes in Trader Guide	This field is a concatenation of box 1.1 Trade Movement(A2) and box 1.2 Type of Declaration(A1)
2/1	Consignor Registration Number	GoodsShipment.Consignor.IdentityIdentifier TYPE: WCO 072		The trader must enter a Registration number OR N/R and a name and address. Please do not send empty tags for elements that are not completed.
2/2	Consignor Business Name	GoodsShipment.Consignor.NameText TYPE: WCO 071		
2/2	Consignor Address Line 1	GoodsShipment.Consignor.Address.LineText TYPE: WCO 239		
2/2	Consignor Address Line 2	GoodsShipment.Consignor.Address.CityName TYPE: WCO 241		

SAD BOX NO	SAD BOX NAME	SAD IMPORT/EXPORT SCHEMA ELEMENT	CODE LISTS	NOTES
2/2	Consignor Post Code	GoodsShipment.Consignor.Address.PostcodeIdentifier TYPE: WCO 245		
2/2	Consignor Country	GoodsShipment.Consignor.Address.CountryCode TYPE: WCO 242	See ISO Alpha 2 Country codes in Trader Guide	
5	Number of Items	GoodsItemQuantity TYPE: WCO 228		
6	Total Packages	DeclarationPackaging.QuantityQuantity TYPE: WCO146		
7	Commercial Reference Number	GoodsShipment.Ucr.TraderReferenceIdentifier TYPE: WCO 009		
8/1	Consignee Registration Number	GoodsShipment.Consignee.IdentityIdentifier TYPE: WCO 052		The trader must enter a Registration number OR N/R and a name and address. Please do not send empty tags for elements that are not completed.
8/2	Consignee Business Name	GoodsShipment.Consignee.NameText TYPE: WCO 051		
8/2	Consignee Address Line 1	GoodsShipment.Consignee.Address.LineText TYPE: WCO 239		

SAD BOX NO	SAD BOX NAME	SAD IMPORT/EXPORT SCHEMA ELEMENT	CODE LISTS	NOTES
8/2	Consignee Address Line 2	GoodsShipment.ConsigneeAddress.CityName TYPE: WCO 241		
8/2	Consignee Post Code	GoodsShipment.Consignee.Address.PostcodeIdentifier TYPE: WCO 245		
8/2	Consignee Country	GoodsShipment.Consignee.Address.CountryCode TYPE: WCO 242	See ISO Alpha 2 Country codes in Trader Guide	
12	Valuation Details	GoodsShipment.IEValueDetailsCode TYPE: IEValueDetails	See Valuation codes in Trader Guide	
14/1	Declarant/ Representative Status	Agent.StatusCode TYPE: WCO 102	See Status of Declarant/Representative codes in Trader Guide	
14/2	Declarant Registration Number	Agent.IdentityIdentifier TYPE: WCO 061		The trader must enter a Registration number OR N/R and a name and address. Please do not send empty tags for elements that are not completed.
14/3	Declarant Business Name	Agent.NameText TYPE: WCO 060		
14/3	Declarant Address Line 1	Agent. Address.LineText TYPE: WCO 239		

SAD BOX NO	SAD BOX NAME	SAD IMPORT/EXPORT SCHEMA ELEMENT	CODE LISTS	NOTES
14/3	Declarant Address Line 2	Agent.Address.CityName TYPE: WCO 241		
14/3	Declarant Post Code	Agent. Address.PostcodeIdentifier TYPE: WCO 245		
14/3	Declarant Country	Agent. Address.CountryCode TYPE: WCO 242	See ISO Alpha 2 Country codes in Trader Guide	
	Total Gross Mass	TotalGrossMassMeasure TYPE: cus:Wco131		
	Number of Seals	NumberOfSeals. QuantityQuantity TYPE: cus:Wco227		
	Control Result Code	ControlResult.ControlResultCode TYPE: cus:Wco235		
	Date Limit	ControlResult.DateLimit TYPE: cus:Wco264		
15a	Country of Dispatch / Export Code	GoodsShipment.ExportationCountryIdentifier TYPE: WCO 062	See ISO Alpha 2 Country codes in Trader Guide	
17a	Destination Country	GoodsShipment.DeliveryDestination.CountryCode TYPE: WCO 242	See ISO Alpha 2 Country codes in Trader Guide	
17b	Destination Region	For Import: GoodsShipment.DeliveryDestination.CountrySubEntityIdentifier TYPE: WCO 244	See Region codes in Trader Guide	
18/1	Identity of the means of transport at departure / arrival	For Import: GoodsShipment.Consignment.ArrivalTransportMeans.IdentificationText TYPE: WCO 184 For Export GoodsShipment.Consignment.DepartureTransportMeans.IdentificationText TYPE: WCO 158		

SAD BOX NO	SAD BOX NAME	SAD IMPORT/EXPORT SCHEMA ELEMENT	CODE LISTS	NOTES
20/1	Delivery Terms: Incoterm	GoodsShipment.TradeTerm.ConditionCode TYPE: WCO 090	See Incoterm codes in Trader Guide	
20/2	Delivery Terms: Named Place	GoodsShipment.TradeTerm.LocationNameText TYPE: WCO 037		
20/3	Delivery Terms: Situation	GoodsShipment.TradeTerm.CountryRelationshipCode TYPE: WCO 106	See Delivery Destination Location codes in Trader Guide	
21/1	Identity of the active means of transport crossing the border	IdentityText TYPE: WCO 160		
21/2	Nationality of the active means of transport crossing the border	GoodsShipment.Consignment.BorderTransportMeans.RegistrationNationalityIdentifier TYPE: WCO 175	See ISO Alpha 2 Country codes in Trader Guide	
		GoodsShipment.Consignment.BorderTransportMeans.TransportType TYPE: cus:Wco183		
22/1	Currency code	CurrencyExchange.CurrencyTypeIdentifier TYPE: WCO 135	See Currency codes in Trader Guide	
22/2	Total amount invoiced	InvoiceAmount TYPE: WCO 109		
23	Exchange Rate	CurrencyExchange.RateNumeric TYPE: WCO 118		

SAD BOX NO	SAD BOX NAME	SAD IMPORT/EXPORT SCHEMA ELEMENT	CODE LISTS	NOTES
24	Nature of the transaction	GoodsShipment.TransactionNatureCode TYPE: WCO 103	See Nature of the Transaction codes in Trader Guide	
25	Mode of transport at the border	GoodsShipment.Consignment.BorderTransportMeans.ModeAndTypeCode TYPE: WCO 183	See Mode of Transport codes in Trader Guide	
	Country of Routing	GoodsShipment.Consignment.BorderTransportMeans.Itinerary. CountryCode TYPE: cus:Wco242		
26	Inland mode of transport	GoodsShipment.Consignment.IEInlandModeOfTransportCode TYPE: IEInlandModeOfTransportCode	See Mode of Transport codes in Trader Guide	
29	Office of exit/entry	For Import: GoodsShipment.EntryCustomsOffice.CodeIdentifier TYPE: WCO 046 For Export: GoodsShipment.ExitCustomsOffice.CodeIdentifier TYPE: WCO 047	See Office of Entry/Exit codes in Trader Guide	
30	Location of Goods	GoodsShipment.Consignment.GoodsLocation.LocationIdentifier TYPE: WCO 079	See Location of Goods codes in Trader Guide	
	Seals Identitiy	GoodsShipment.Consignment.GoodsLocation.TransportEquipment.SealsIdentity TYPE: cus:Wco165		
47/5	Method of Payment	GoodsShipment.IEMethodOfPaymentCode TYPE: IEMethodOfPaymentCode	See Method of Payment codes in Trader Guide	
48	Deferred Payment	GoodsShipment.IEPayer.IEPayerIdentifier TYPE: IEPayerIdentifier		

SAD BOX NO	SAD BOX NAME	SAD IMPORT/EXPORT SCHEMA ELEMENT	CODE LISTS	NOTES
49	Warehouse code	GoodsShipment.Warehouse.IdentificationIdentifier TYPE: WCO 053	See Type of Warehouse codes in Trader Guide See ISO Alpha 2 Country codes in Trader Guide	This element has a concatenated value made up of code for warehouse type (A1), warehouse identification number (AN..14) and country code (A2)
A	Customs Office of Import/Export	OfficeIdentifier TYPE: WCO 065	See Office of Import/Export codes in Trader Guide	
31	Container Number	GoodsShipment.CustomsGoodsItem.TransportEquipment.EquipmentIdentification.IdentifierIdentifier		
31	Summary Declaration Registration Number	GoodsShipment.Consignment.IESummaryDeclarationIdentifier TYPE: WCO 003		
44/1	Additional Document	GoodsShipment.AdditionalDocument.TypeCode TYPE: WCO 170	See Attached Documents, Certificates, Authorisation codes in Trader Guide	
44/2	Additional Document	GoodsShipment.AdditionalDocument.ReferenceIdentifier TYPE: IEReferenceIdentifierList	See Attached Documents, Certificates, Authorisation codes in Trader Guide	

SAD BOX NO	SAD BOX NAME	SAD IMPORT/EXPORT SCHEMA ELEMENT	CODE LISTS	NOTES
44/1	Additional Information	GoodsShipment. AdditionalInformationStatementCode TYPE: WCO 226	See Additional Information codes in Trader Guide	
44/2	Additional Information	GoodsShipment.AdditionalInformation.ContentText TYPE: WCO 105	See Additional Information codes in Trader Guide	
	Transport charges - Method of Payment code	GoodsShipment. TransportMethodOfPaymentCode TYPE: cus:IEMethodOfPaymentCode		
32	Item number	GoodsShipment.CustomsGoodsItem.SequenceIdentifier TYPE: WCO 006		
31	Packages in item	GoodsShipment.CustomsGoodsItem.IEPcksDescSequenceIdentifier TYPE: WCO 006		
33/1 33/2	Nomenclature Code	GoodsShipment.CustomsGoodsItem.Commodity.TariffClassificationCode TYPE: WCO 145		
33/3	TARIC additional code 1	GoodsShipment.CustomsGoodsItem.Commodity.EUTariffClassificationAdd1Code TYPE: WCO - EUAdditionalCode		
33/4	TARIC additional code 2	GoodsShipment.CustomsGoodsItem.Commodity.EUTariffClassificationAdd2Code TYPE: WCO - EUAdditionalCode		
33.5	National Code	GoodsShipment.CustomsGoodsItem.Commodity.EUTariffClassificationNatCode TYPE: WCO - EUAdditionalCode		
	UN Dangerous Goods Code	GoodsShipment.CustomsGoodsItem.Commodity.DangerousGoodsCodeIdentifier TYPE: cus:Wco143		
34a	Country of Origin	GoodsShipment.CustomsGoodsItem.Origin.OriginCountryIdentifier TYPE: WCO 063	See ISO Alpha 2 Country codes in Trader Guide	

SAD BOX NO	SAD BOX NAME	SAD IMPORT/EXPORT SCHEMA ELEMENT	CODE LISTS	NOTES
34b	Region of Origin	For Export GoodsShipment.CustomsGoodsItem.Origin OriginRegionIdentifier TYPE: WCO 066	See Region codes in Trader Guide	
35	Gross Mass	GoodsShipment.CustomsGoodsItem.GoodsMeasure.GrossMassMeasure TYPE: WCO 126		
36	Preference	GoodsShipment.CustomsGoodsItem.Commodity.EUDutyRegimeCode TYPE: WCO 164	See Preference codes in Trader Guide	
37a/1	Customs Procedure Requested Code	GoodsShipment.CustomsGoodsItem.CustomsProcedure.CurrentCode TYPE: WCO 166	See Procedure/ Procedure Category codes in Trader Guide	
37a/2	Procedure Sub Category Code	GoodsShipment.CustomsGoodsItem.CustomsProcedure.PreviousCode TYPE: WCO 161	See Procedure/ Procedure Category codes in Trader Guide	
37b	Procedure – Category	GoodsShipment.CustomsGoodsItem.CustomsProcedure.CategoryCode TYPE: WCO - EUProcedureSubCategory	See Procedure/ Procedure Category codes in Trader Guide	
38	Net Mass	GoodsShipment.CustomsGoodsItem.GoodsMeasure.NetNetWeightMeasure TYPE: WCO 128		
39	Quota	GoodsShipment.CustomsGoodsItem.Commodity.EUQuotaIdentifier TYPE: WCO - EUQuotaIdentifier		
40	Previous Document	GoodsShipment.CustomsGoodsItem.PreviousCustomsDocument.ReferenceIdentifier TYPE: WCO 007	See Summary Declaration/Previous Document and Document Abbreviation codes in Trader Guide	
41	Supplementary Units	GoodsShipment.CustomsGoodsItem.GoodsMeasure.TariffQuantity TYPE: WCO 130		

SAD BOX NO	SAD BOX NAME	SAD IMPORT/EXPORT SCHEMA ELEMENT	CODE LISTS	NOTES
42	Item Price	GoodsShipment.CustomsGoodsItem.EUItemPriceAmount TYPE: WCO 112		
43	Valuation Method	GoodsShipment.CustomsGoodsItem.EUCustomsValuation.MethodCode TYPE: WCO 122	See Valuation Method codes in Trader Guide	
45	Adjustment	GoodsShipment.CustomsGoodsItem.ValuationAdjustmentAmountAmount TYPE: WCO 125		
46	Statistical Value	GoodsShipment.CustomsGoodsItem.StatisticalValueAmount TYPE: WCO 114		
31	Type of Package	GoodsShipment.CustomsGoodsItem.GoodsPackaging.TypeCode TYPE: WCO 141	See Type of Packages codes in Trader Guide	
31	Unique LP reference	GoodsShipment.CustomsGoodsItem.IEUniqueLPRef TYPE: IEUniqueLPRef		
31	Declared Quantity of Packages	GoodsShipment.CustomsGoodsItem.GoodsPackaging.QuantityQuantity TYPE: WCO 144		
31	Number of Pieces	GoodsShipment.CustomsGoodsItem.GoodsPackaging.NumberOfPieces cus:EUPiecesNumber		
31	Marks of the Packages	GoodsShipment.CustomsGoodsItem.GoodsPackaging.MarkNumberText TYPE: WCO 142		
31	Description of Goods	GoodsShipment.CustomsGoodsItem.Commodity.DescriptionText TYPE: WCO 137		
44/1	Additional Documents	GoodsShipment.CustomsGoodsItem.AdditionalDocument. TypeCode TYPE: WCO170	See Attached Documents, Certificates, Authorisation codes in Trader Guide	
44/2	Additional Documents	GoodsShipment.CustomsGoodsItem.AdditionalDocument. ReferenceIdentifier TYPE: IEReferenceIdentifierList	See Attached Documents, Certificates, Authorisation codes in Trader Guide	

SAD BOX NO	SAD BOX NAME	SAD IMPORT/EXPORT SCHEMA ELEMENT	CODE LISTS	NOTES
44/1	Additional Information	GoodsShipment.CustomsGoodsItem.AdditionalInformation.StatementCode TYPE: WCO226	See Additional Information codes in Trader Guide	
44/2	Additional Information	GoodsShipment.CustomsGoodsItem.AdditionalInformation.ContentText TYPE: WCO105	See Additional Information codes in Trader Guide	
47/1	Tax Type	GoodsShipment.CustomsGoodsItem.Commodity.DutyTaxFee.TypeCode TYPE: WCO 113	See Tax Type codes in Trader Guide	
47/2	Tax Base	GoodsShipment.CustomsGoodsItem.Commodity.DutyTaxFee.IETaxBase TYPE: IETaxBase		
47/3	Tax Rate	GoodsShipment.CustomsGoodsItem.Commodity.DutyTaxFee.TaxText TYPE: WCO 115		
47/4	Tax Amount	GoodsShipment.CustomsGoodsItem.Commodity.DutyTaxFee.Payment.TaxAssessedAmount TYPE: WCO 120		
47/5	Method of Payment	GoodsShipment.CustomsGoodsItem.Commodity.DutyTaxFee.Payment.MethodCode TYPE: WCO 107	See Method of Payment codes in Trader Guide	