CSV ABC Master

Date created: 06.07.2015

Date last updated: 27.11.2019

Version: 0.3

Status: Draft

Table of Contents

1. Overview3
2. Structure of the CSV ABC3

2.1. Invoice 4

2.2. Levels4

2.3. Structure of Header level4

2.4. Structure of Line Level4

2.5. Structure of Summary Level4

1. Mapping Elements and Detailed Explanation7
2. Data Format27
3. Derivations 27
4. Augmentations27
5. Additional Logics, Failures and Notes29
6. Information from database30
7. Master Account31
8. **Overview** - This document describes the structure of CSV ABC file that should be used for CSV ABC Master map and all additional logics which will be applied for account which is using the CSV ABC Master Map
9. **Structure of the CSV ABC**

**CSV ABC example definition file:**

[****](TEST_CSV_ABC_Definition1.csv)

**CSV ABC example EU file:**

[****](TEST_CSV_ABC_DE.csv)

**CSV ABC example US file:**

****

**CSV ABC example Canada file:**

****

**2.1. Invoice –** the CSV ABC Master Map is set to be able to accept 1 or multiple invoices per file (records A, B and C should appear as group in this order as many times as invoices are in the file).

**2.2. Levels**

Header Level - record **A** – should be provided only once for Invoice

Line Level - record **B** – number of occurrence corresponds to the number of Line Items included in the Invoice.

Summary Level – record **C** – should be provided only once for Invoice.

**2.3. Structure of Header level**

All of the information on Header level is provided in fields in record **A**, the fields should always be provided (if the information which they contain is not needed the fields should be left empty).

**2.4. Structure of Line Level**

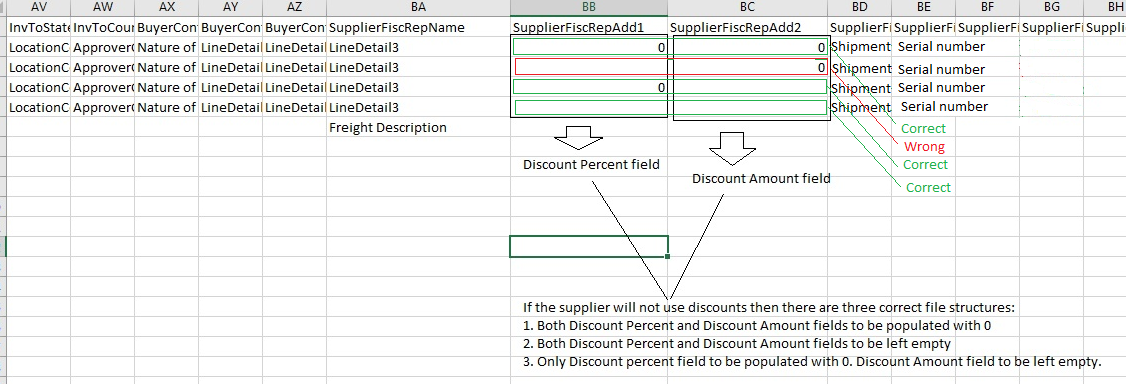
All of the information on Line level is provided in fields in record **B**, the fields should always be provided (if the information which they contain is not needed the fields should be left empty).

The tax information should be provided in the fields **Tax Category Code 1**, **Tax Rate 1**, **Line Tax Amount 1**, **Tax Category Code 2**, **Tax Rate 2**, **Line Tax Amount 2**, **Tax Category Code 3**, **Tax Rate 3**, **Line Tax Amount 3**, **Tax Category Code 4**, **Tax Rate 4**, **Line Tax Amount 4**. The tax information on Line levelis not mandatory for US and offshore suppliers, and can be skipped when the Supplier’s Country is US or offshore and the supplier doesn’t want to provide tax information for the Line Item (the fields should be left empty). For Canadian Suppliers where multiple taxes for 1 line is possible scenario, more than one tax information group can be populated. For the rest cases only the first tax information group (**Tax Category Code 1**, **Tax Rate 1**, **Line Tax Amount 1)** should be populated and the rest fields should be empty.

Discount percent and discount amount: If the supplier will not use discounts then there are three correct file structures:

1. Both **Discount percent** and **Discount amount** fields to be populated with 0.
2. Both **Discount percent** and **Discount amount** fields to be empty.
3. Only **Discount percent** field to be populated with 0. **Discount amount** field to be left empty.

Example:



**2.5. Structure of Summary Level**

All of the information on Summary level is provided in fields in record **C**, the fields should always be provided (if the information which they contain is not needed the fields should be left empty).

The discount and special charge information should be provided in fields **Discount Description, Discount Amount, Tax Category Code 1 for Discount, Tax Rate 1 For Discount, Tax Amount 1 For Discount, Tax Category Code 2 for Discount, Tax Rate 2 For Discount, Tax Amount 2 For Discount, Tax Category Code 3 for Discount, Tax Rate 3 For Discount, Tax Amount 3 For Discount, Tax Category Code 4 for Discount, Tax Rate 4 For Discount, Tax Amount 4 For Discount, Special Charge Description, Special Charge Amount, Tax Category Code 1 for Special Charge, Tax Rate 1 For Special Charge, Tax Amount 1 For Special Charge, Tax Category Code 2 for Special Charge, Tax Rate 2 For Special Charge, Tax Amount 2 For Special Charge, Tax Category Code 3 for Special Charge, Tax Rate 3 For Special Charge, Tax Amount 3 For Special Charge, Tax Category Code 4 for Special Charge, Tax Rate 4 For Special Charge, Tax Amount 4 For Special Charge, Carriage Description, Carriage Amount, Tax Category Code 1 for Carriage, Tax Rate 1 For Carriage, Tax Amount 1 For Carriage, Tax Category Code 2 for Carriage, Tax Rate 2 For Carriage, Tax Amount 2 For Carriage, Tax Category Code 3 for Carriage, Tax Rate 3 For Carriage, Tax Amount 3 For Carriage, Tax Category Code 4 for Carriage, Tax Rate 4 For Carriage, Tax Amount 4 For Carriage, Freight Description, Freight Amount, Tax Category Code 1 for Freight, Tax Rate 1 For Freight, Tax Amount 1 For Freight, Tax Category Code 2 for Freight, Tax Rate 2 For Freight, Tax Amount 2 For Freight, Tax Category Code 3 for Freight, Tax Rate 3 For Freight, Tax Amount 3 For Freight, Tax Category Code 4 for Freight, Tax Rate 4 For Freight, Tax Amount 4 For Freight, Insurance Description, Insurance Amount, Tax Category Code 1 for Insurance, Tax Rate 1 For Insurance, Tax Amount 1 For Insurance, Tax Category Code 2 for Insurance, Tax Rate 2 For Insurance, Tax Amount 2 For Insurance, Tax Category Code 3 for Insurance, Tax Rate 3 For Insurance, Tax Amount 3 For Insurance, Tax Category Code 4 for Insurance, Tax Rate 4 For Insurance, Tax Amount 4 For Insurance, Packing Description, Packing Amount, Tax Category Code 1 for Packing, Tax Rate 1 For Packing, Tax Amount 1 For Packing, Tax Category Code 2 for Packing, Tax Rate 2 For Packing, Tax Amount 2 For Packing, Tax Category Code 3 for Packing, Tax Rate 3 For Packing, Tax Amount 3 For Packing, Tax Category Code 4 for Packing, Tax Rate 4 For Packing, Tax Amount 4 For Packing, Admin Charge Description, Admin Charge Amount, Tax Category Code 1 for Admin Charge, Tax Rate 1 For Admin Charge, Tax Amount 1 For Admin Charge, Tax Category Code 2 for Admin Charge, Tax Rate 2 For Admin Charge, Tax Amount 2 For Admin Charge, Tax Category Code 3 for Admin Charge, Tax Rate 3 For Admin Charge, Tax Amount 3 For Admin Charge, Tax Category Code 4 for Admin Charge, Tax Rate 4 For Admin Charge, Tax Amount 4 For Admin Charge, Fuel Surcharge Description, Fuel Surcharge Amount, Tax Category Code 1 for Fuel Surcharge, Tax Rate 1 For Fuel Surcharge, Tax Amount 1 For Fuel Surcharge, Tax Category Code 2 for Fuel Surcharge, Tax Rate 2 For Fuel Surcharge, Tax Amount 2 For Fuel Surcharge, Tax Category Code 3 for Fuel Surcharge, Tax Rate 3 For Fuel Surcharge, Tax Amount 3 For Fuel Surcharge, Tax Category Code 4 for Fuel Surcharge, Tax Rate 4 For Fuel Surcharge, Tax Amount 4 For Fuel Surcharge, Green Tax Description, Green Tax Amount, Tax Category Code 1 for Green Tax, Tax Rate 1 For Green Tax, Tax Amount 1 For Green Tax, Tax Category Code 2 for Green Tax, Tax Rate 2 For Green Tax, Tax Amount 2 For Green Tax, Tax Category Code 3 for Green Tax, Tax Rate 3 For Green Tax, Tax Amount 3 For Green Tax, Tax Category Code 4 for Green Tax, Tax Rate 4 For Green Tax, Tax Amount 4 For Green Tax, Rounding Line Description, Rounding Line Amount, Tax Category Code 1 for Rounding Line, Tax Rate 1 For Rounding Line, Tax Amount 1 For Rounding Line, Tax Category Code 2 for Rounding Line, Tax Rate 2 For Rounding Line, Tax Amount 2 For Rounding Line, Tax Category Code 3 for Rounding Line, Tax Rate 3 For Rounding Line, Tax Amount 3 For Rounding Line, Tax Category Code 4 for Rounding Line, Tax Rate 4 For Rounding Line, Tax Amount 4 For Rounding Line, Demurrage Description, Demurrage Amount, Tax Category Code 1 for Demurrage, Tax Rate 1 For Demurrage, Tax Amount 1 For Demurrage, Tax Category Code 2 for Demurrage, Tax Rate 2 For Demurrage, Tax Amount 2 For Demurrage, Tax Category Code 3 for Demurrage, Tax Rate 3 For Demurrage, Tax Amount 3 For Demurrage, Tax Category Code 4 for Demurrage, Tax Rate 4 For Demurrage, Tax Amount 4 For Demurrage, Advance Recycling Fee Description, Advance Recycling Fee Amount, Tax Category Code 1 for Advance Recycling Fee, Tax Rate 1 For Advance Recycling Fee, Tax Amount 1 For Advance Recycling Fee, Tax Category Code 2 for Advance Recycling Fee, Tax Rate 2 For Advance Recycling Fee, Tax Amount 2 For Advance Recycling Fee, Tax Category Code 3 for Advance Recycling Fee, Tax Rate 3 For Advance Recycling Fee, Tax Amount 3 For Advance Recycling Fee, Tax Category Code 4 for Advance Recycling Fee, Tax Rate 4 For Advance Recycling Fee, Tax Amount 4 For Advance Recycling Fee.** Only the discount/charge groups which will be used should be populated, the rest of the fields should be left empty.

The tax information for the discount/ charges is provided in 4 tax information groups. The tax information on Line levelis not mandatory for US and offshore suppliers, and can be skipped when the Supplier’s Country is US or offshore and the supplier doesn’t want to provide tax information for the Discount and Charges (the fields should be left empty). For Canadian Suppliers where multiple taxes for 1 line is possible scenario, more than one tax information group can be populated. For the rest cases only the first tax information group (**Tax Category Code 1**, **Tax Rate 1**, **Line Tax Amount 1)** should be populated and the rest fields should be empty.

1. **Mapping Elements and Detailed Explanation**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Num | CSV ABC Structure | Element Name | Notes | max Length |
| 1. 1 | A | RecordType |  | 1 |
| 1. 2 | InvoiceNumber | Invoice Number |  | 35 |
| 1. 3 | InvoiceType | Invoice Type | should be populated with "380" (for Invoice) or "381" (for Credit Note) - if tag is empty or missing the invoice will fail | 10 |
| 1. 4 | InvoiceDate | Invoice Date |  | 10 |
| 1. 5 | TaxPointDate | Tax Point Date |  | 10 |
| 1. 6 | BuyerID | BuyerID  Party Number |  | 15 |
| 1. 7 | PONumber | PO Number |  | 35 |
| 1. 8 | OriginalInvNumber | Original Invoice Number |  | 35 |
| 1. 9 | OriginalInvDate | Original Invoice Date |  | 10 |
| 1. 10 | OriginalDeliveryDate | Original Delivery Date |  | 10 |
| 1. 11 | CreditReason | Credit Reason |  | 1000 |
| 1. 12 | DeliveryNoteNumber | Delivery Note Number |  | 35 |
| 1. 13 | PaymentReference | Payment Reference |  | 1000 |
| 1. 14 | PaymentMethod | Payment Method |  | 1000 |
| 1. 15 | FormOfPayment | Form Of Payment |  | 1000 |
| 1. 16 | Payment Terms | Payment Terms |  | 1000 |
| 1. 17 | NetPaymentDays | Net Payment Days |  | 1000 |
| 1. 18 | Start Date | Start Date |  | 10 |
| 1. 19 | End Date | End Date |  | 10 |
| 1. 20 | Order Date | Order Date |  | 10 |
| 1. 21 | Delivery Date | Delivery Date |  | 10 |
| 1. 22 | Ship Date | Ship Date |  | 10 |
| 1. 23 | Declaration Date | Customs Declaration Date |  | 10 |
| 1. 24 | Payment Due By Date | Payment Due By Date |  | 10 |
| 1. 25 | Early Payment Date | Early Payment Date |  | 10 |
| 1. 26 | InvFromName | Invoice From Name | Invoice From Name and Address will be taken from Database | 80 |
| 1. 27 | InvFromAdd1 | Invoice From Street 1 | Invoice From Name and Address will be taken from Database | 55 |
| 1. 28 | InvFromAdd2 | Invoice From Street 2 | Invoice From Name and Address will be taken from Database | 55 |
| 1. 29 | InvFromCity | Invoice From City | Invoice From Name and Address will be taken from Database | 55 |
| 1. 30 | InvFromPostalCode | Invoice From Postal Code | Invoice From Name and Address will be taken from Database | 55 |
| 1. 31 | InvFromState | Invoice From State | Invoice From Name and Address will be taken from Database | 55 |
| 1. 32 | InvFromCountry | Invoice From Country | Invoice From Name and Address will be taken from Database | 55 |
| 1. 33 | Supplier QST Tax. Reg. Num. | Supplier QST Tax Reg. Num. | Canadian Suppliers | 1000 |
| 1. 34 | Supplier PST Tax. Reg. Num. | Supplier PST Tax Reg. Num. | Canadian Suppliers | 1000 |
| 1. 35 | Supplier GST Tax. Reg. Num. | Supplier GST Tax Reg. Num. | Canadian Suppliers | 1000 |
| 1. 36 | Supplier HST Tax. Reg. Num. | Supplier HST Tax Reg. Num. | Canadian Suppliers | 1000 |
| 1. 37 | Main Supplier Contact Name | Main Supplier Contact Name |  | 80 |
| 1. 38 | Main Supplier Contact Tel | Main Supplier Contact Tel |  | 255 |
| 1. 39 | Main Supplier Contact Email | Main Supplier Contact Email |  | 80 |
| 1. 40 | ContactNameForInvQ | Invoice Queries Contact Name |  | 80 |
| 1. 41 | ContactTelForInvQ | Invoice Queries Contact Tel |  | 255 |
| 1. 42 | ContactEmailForInvQ | Invoice Queries Contact Email |  | 80 |
| 1. 43 | InvToName | Invoice To Name |  | 80 |
| 1. 44 | InvToAdd1 | Invoice To Street 1 |  | 55 |
| 1. 45 | InvToAdd2 | Invoice To Street 2 |  | 55 |
| 1. 46 | InvToCity | Invoice To City |  | 55 |
| 1. 47 | InvToPostalCode | Invoice To Postal Code |  | 55 |
| 1. 48 | InvToState | Invoice To State |  | 55 |
| 1. 49 | InvToCountry | Invoice To Country |  | 55 |
| 1. 50 | BuyerContactName | Main Buyer Contact Name |  | 80 |
| 1. 51 | BuyerContactTel | Main Buyer Contact Tel |  | 255 |
| 1. 52 | BuyerContactEmail | Main Buyer Contact Email |  | 80 |
| 1. 53 | SupplierFiscRepName | Supplier Fiscal Rep. Name |  | 80 |
| 1. 54 | SupplierFiscRepAdd1 | Supplier Fiscal Rep. Street 1 |  | 55 |
| 1. 55 | SupplierFiscRepAdd2 | Supplier Fiscal Rep. Street 2 |  | 55 |
| 1. 56 | SupplierFiscRepCity | Supplier Fiscal Rep. City |  | 55 |
| 1. 57 | SupplierFiscRepPostalCode | Supplier Fiscal Rep. Postal Code |  | 55 |
| 1. 58 | SupplierFiscRepState | Supplier Fiscal Rep. State |  | 55 |
| 1. 59 | SupplierFiscRepCountry | Supplier Fiscal Rep. Country |  | 55 |
| 1. 60 | SupplierFiscRepTaxRegNum | Supplier Fiscal Rep. Tax Reg. Number |  | 1000 |
| 1. 61 | ShipToName | Ship To Name |  | 80 |
| 1. 62 | ShipToAdd1 | Ship To Street 1 |  | 55 |
| 1. 63 | ShipToAdd2 | Ship To Street 2 |  | 55 |
| 1. 64 | ShipToCity | Ship To City |  | 55 |
| 1. 65 | ShipToPostalCode | Ship To Postal Code |  | 55 |
| 1. 66 | ShipToState | Ship To State |  | 55 |
| 1. 67 | ShipToCountry | Ship To Country |  | 55 |
| 1. 68 | ShipToTaxRegNum | Ship To Tax Reg. Number |  | 1000 |
| 1. 69 | ShipFromName | Ship From Name |  | 80 |
| 1. 70 | ShipFromAdd1 | Ship From Street 1 |  | 55 |
| 1. 71 | ShipFromAdd2 | Ship From Street 2 |  | 55 |
| 1. 72 | ShipFromCity | Ship From City |  | 55 |
| 1. 73 | ShipFromPostalCode | Ship From Postal Code |  | 55 |
| 1. 74 | ShipFromState | Ship From State |  | 55 |
| 1. 75 | ShipFromCountry | Ship From Country |  | 55 |
| 1. 76 | ShipFromTaxRegNum | Ship From Tax Reg. Number |  | 1000 |
| 1. 77 | OrderedByName | Ordered By Name |  | 80 |
| 1. 78 | OrderedByAdd1 | Ordered By Street1 |  | 55 |
| 1. 79 | OrderedByAdd2 | Ordered By Street2 |  | 55 |
| 1. 80 | OrderedByCity | Ordered By City |  | 55 |
| 1. 81 | OrderedByPostalCode | Ordered By Postal Code |  | 55 |
| 1. 82 | OrderedByState | Ordered By State |  | 55 |
| 1. 83 | OrderedByCountry | Ordered By Country |  | 55 |
| 1. 84 | ShipmentNum | Shipment Number |  | 1000 |
| 1. 85 | BuyerCostCenter | Buyer Cost Center |  | 1000 |
| 1. 86 | BillOfLading | Bill Of Lading |  | 1000 |
| 1. 87 | ContractID | Contract ID |  | 1000 |
| 1. 88 | DUNSNumber | Dun & Bradstreet Num. |  | 1000 |
| 1. 89 | INCOTerms | INCO Terms |  | 1000 |
| 1. 90 | WBS | Work Breakdown Structure |  | 1000 |
| 1. 91 | NatureOfTax | Nature Of Tax |  | 1000 |
| 1. 92 | PlaceOfIsuue | Place Of Issue |  | 1000 |
| 1. 93 | GLNumber | GL Number |  | 1000 |
| 1. 94 | AccountNumber | Account Number |  | 1000 |
| 1. 95 | UtilityID | Utility ID |  | 1000 |
| 1. 96 | ESRRef | ESR Customer Ref. |  | 1000 |
| 1. 97 | ESRNum | ESR Customer Num. |  | 1000 |
| 1. 98 | Weight | Weight |  | 1000 |
| 1. 99 | NetWeight | Net Weight |  | 1000 |
| 1. 100 | GrossWeight | Gross Weight |  | 1000 |
| 1. 101 | NumberOfPacks | Number Of Packages |  | 1000 |
| 1. 102 | ModeOfTransport | Mode Of Transport |  | 1000 |
| 1. 103 | ExpectedTimeOfArrival | Expected Time Of Arrival |  | 1000 |
| 1. 104 | PortOfLoading | Port Of Loading |  | 1000 |
| 1. 105 | PortOfDischarge | Port Of Discharge |  | 1000 |
| 1. 106 | ChargeCategory | Charge Category |  | 1000 |
| 1. 107 | WithholdingTaxIndicator | Withhold Tax Indicator | should be populated with "Yes" or "No" | 1000 |
| 1. 108 | LicenseNum | License Number |  | 1000 |
| 1. 109 | CustomsDeclNum | Customs Declaration Number |  | 1000 |
| 1. 110 | CustomsDeclOffice | Customs Office |  | 1000 |
| 1. 111 | SupplierID | SupplierID |  | 15 |
| 1. 112 | InvoiceFromTaxRegistrationNumber | Invoice From Tax Registration Number |  | 1000 |
| 1. 113 | InvoiceToTaxRegistrationNumber | Invoice To Tax Registration Number |  | 1000 |
| 1. 114 | ThirdPartyDeliveryTicketNumber | Third Party Delivery Ticket Number |  | 1000 |
| 1. 115 | Delivery tax registration number | NOT USED |  | 1000 |
| 1. 116 | Endorsement | Endorsement |  | 1000 |
| 1. 117 | Input tax credit | Input tax credit |  | 1000 |
| 1. 118 | Payable tax on a reverse charge basis | Payable tax on a reverse charge basis |  | 1000 |
| 1. 119 | ISD number | ISD number |  | 1000 |
| 1. 120 | Advanced payment amount | Advanced payment amount |  | 1000 |
| 1. 121 | Serial Number | Serial Number |  | 1000 |
| 1. 122 | Buyer Affiliate | Buyer Affiliate |  | 1000 |
| 1. 123 | Export Number | Export Number |  | 1000 |
|  | Ticket Number | Ticket Number |  | 1000 |
|  | Tax Regime | Tax Regime |  | 1000 |
|  | Invoice to Party Number | Party Number |  | 80 |
|  | PEC E-mail | PEC E-mail |  | 1000 |
|  | Natural person Name | Natural person Name |  | 1000 |
|  | Natural person Surname | Natural person Surname |  | 1000 |
|  | Fiscal code natrual person/Representative Identification Number | Representative Identification Number |  | 1000 |
|  | SupplierOrderNumber | Supplier Order Number |  | 1000 |
|  | RemitToName | Remit To Name |  | 80 |
|  | RemitToStreet1 | Remit To Street1 |  | 55 |
|  | RemitToStreet2 | Remit To Street2 |  | 55 |
|  | RemitToCity | Remit To City |  | 55 |
|  | RemitToState | Remit To State |  | 55 |
|  | RemitToPostalCode | Remit To Postal Code |  | 55 |
|  | RemitToCountry | Remit To Country |  | 55 |
|  | AlternativeReference | Alternative Reference |  | 1000 |
|  | CampaignName | Campaign Name |  | 1000 |
|  | CampaignID | Campaign ID |  | 1000 |
|  | MediaType | Media Type |  | 1000 |
|  | InvoicePeriod | Invoice Period |  | 1000 |
|  | AdvertiserName | Advertiser Name |  | 1000 |
|  | AdvertiserBrand | Advertiser Brand |  | 1000 |
|  | SupplierPANNumber | Supplier Permanent Account Number |  | 1000 |
| Field Num | CSV ABC Structure | Element Name | Notes | max Length |
| 1 | B | RecordType |  | 1 |
| 2 | POLineNum | PO Line Number |  | 255 |
| 3 | Quantity | Quantity |  | 35 |
| 4 | UnitOfMeasure | Unit Of Measure Code | valid code from UnitOfMeasureCodeList (augmentations) | 10 |
| 5 | UnitPrice | Unit Price |  | 35 |
| 6 | LineNetAmount | Line Net Amount |  | 35 |
| 7 | SupplierPartNum | Supplier Part Number |  | 35 |
| 8 | SupplierPartDescr | Supplier Part Description |  | 255 |
| 9 | BuyerPartNum | Buyer Part Number |  | 35 |
| 10 | ManufacturerPartNum | Manufacturer Part Number |  | 35 |
| 11 | CommodityCode | Commodity Code |  | 35 |
| 12 | PONumber | PO Number |  | 1000 |
| 13 | DeliveryNoteNumber | Delivery Note Number |  | 1000 |
| 14 | StartDate | Start Date |  | 10 |
| 15 | EndDate | End Date |  | 10 |
| 16 | ManufactureDate | Date of Manufacture |  | 10 |
| 17 | ExpiryDate | Expiry Date |  | 10 |
| 18 | OrderDate | Order Date |  | 10 |
| 19 | DeliveryDate | Delivery Date |  | 10 |
| 20 | TaxDescriptor | Tax Descriptor |  | 1000 |
| 21 | TaxCategoryCode1 | Tax Category Code 1 | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 22 | TaxRate1 | Tax Rate 1 |  | 35 |
| 23 | TaxAmount1 | Line Tax Amount 1 |  | 35 |
| 24 | TaxCategoryCode2 | Tax Category Code 2 | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 25 | TaxRate2 | Tax Rate 2 |  | 35 |
| 26 | TaxAmount2 | Line Tax Amount 2 |  | 35 |
| 27 | TaxCategoryCode3 | Tax Category Code 3 | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 28 | TaxRate3 | Tax Rate 3 |  | 35 |
| 29 | TaxAmount3 | Line Tax Amount 3 |  | 35 |
| 30 | TaxCategoryCode4 | Tax Category Code 4 | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 31 | TaxRate4 | Tax Rate 4 |  | 35 |
| 32 | TaxAmount4 | Line Tax Amount 4 |  | 35 |
| 33 | BuyerCostCenter | Buyer Cost Center |  | 1000 |
| 34 | BillOfLading | Bill Of Lading |  | 1000 |
| 35 | GLNumber | GL Number |  | 1000 |
| 36 | Weight | Weight |  | 1000 |
| 37 | NetWeight | Net Weight |  | 1000 |
| 38 | GrossWeight | Gross Weight |  | 1000 |
| 39 | CountryOfOrigin | Country Of Origin |  | 1000 |
| 40 | RailTruckNumber | Rail Truck Number |  | 1000 |
| 41 | BatchNumber | Batch Number |  | 1000 |
| 42 | BatchQuantity | Batch Quantity |  | 1000 |
| 43 | GoodsOrServiceIndicator | Goods or Service Indicator | should be populated with "01" (for undefined), "02" (for Product) or "03" ( for Service) | 10 |
| 44 | Month | Month |  | 1000 |
| 45 | Week | Week |  | 1000 |
| 46 | Hours | Hours |  | 1000 |
| 47 | Name | Name |  | 1000 |
| 48 | LocationCode | Location Code |  | 1000 |
| 49 | ApproverCode | Approver Code |  | 1000 |
| 50 | NatureOfTax | Nature Of Tax |  | 1000 |
| 51 | LineDetail1 | Line Detail 1 |  | 1000 |
| 52 | LineDetail2 | Line Detail 2 |  | 1000 |
| 53 | LineDetail3 | Line Detail 3 |  | 1000 |
| 54 | DiscountPercent | Discount Percent |  | 35 |
| 55 | DiscountAmount | Discount Amount |  | 35 |
|
| 56 | ShipmentNumber | ShipmentNumber |  | 1000 |
| 57 | SerialNumber | Serial Number |  | 1000 |
| 58. | BookingReference | Booking Reference |  | 1000 |
| 59. | DeliveryStartDate | Delivery Start Date |  | 10 |
| 60. | DeliveryEndDate | Delivery End Date |  | 10 |
| Field Num | CSV ABC Structure | Element Name | Notes | max Length |
| 1 | C | RecordType |  | 1 |
| 2 | InvoiceNetAmount | Invoice Net Amount |  | 35 |
| 3 | InvoiceTaxAmount | Invoice Tax Amount |  | 35 |
| 4 | InvoiceGrossAmount | Invoice Gross Amount |  | 35 |
| 5 | Currency | Currency | valid code from CurrencyCodeList (augmentations) | 5 |
| 6 | LocalCurrency | Local Currency |  | 1000 |
| 7 | ExchangeRate | Exchange Rate |  | 1000 |
| 8 | LocalCurrencyNet | Local Currency Net Amount |  | 1000 |
| 9 | LocalCurrencyTax | Local Currency Tax Amount |  | 1000 |
| 10 | LocalCurrencyGross | Local Currency Gross Amount |  | 1000 |
| 11 | Discount Description | Discount Description |  | 255 |
| 12 | Discount Amount | Discount Amount |  | 35 |
| 13 | Discount Tax Category 1 | Tax Category Code 1 for Discount | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 14 | Discount Tax Rate 1 | Tax Rate 1 For Discount |  | 35 |
| 15 | Discount Tax Amount 1 | Tax Amount 1 For Discount |  | 35 |
| 16 | Discount Tax Category 2 | Tax Category Code 2 for Discount | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 17 | Discount Tax Rate 2 | Tax Rate 2 For Discount |  | 35 |
| 18 | Discount Tax Amount 2 | Tax Amount 2 For Discount |  | 35 |
| 19 | Discount Tax Category 3 | Tax Category Code 3 for Discount | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 20 | Discount Tax Rate 3 | Tax Rate 3 For Discount |  | 35 |
| 21 | Discount Tax Amount 3 | Tax Amount 3 For Discount |  | 35 |
| 22 | Discount Tax Category 4 | Tax Category Code 4 for Discount | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 23 | Discount Tax Rate 4 | Tax Rate 4 For Discount |  | 35 |
| 24 | Discount Tax Amount 4 | Tax Amount 4 For Discount |  | 35 |
| 25 | Special Charge Description | Special Charge Description |  | 255 |
| 26 | Special Charge Amount | Special Charge Amount |  | 35 |
| 27 | Special Charge Tax Category 1 | Tax Category Code 1 for Special Charge | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 28 | Special Charge Tax Rate 1 | Tax Rate 1 For Special Charge |  | 35 |
| 29 | Special Charge Tax Amount 1 | Tax Amount 1 For Special Charge |  | 35 |
| 30 | Special Charge Tax Category 2 | Tax Category Code 2 for Special Charge | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 31 | Special Charge Tax Rate 2 | Tax Rate 2 For Special Charge |  | 35 |
| 32 | Special Charge Tax Amount 2 | Tax Amount 2 For Special Charge |  | 35 |
| 33 | Special Charge Tax Category 3 | Tax Category Code 3 for Special Charge | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 34 | Special Charge Tax Rate 3 | Tax Rate 3 For Special Charge |  | 35 |
| 35 | Special Charge Tax Amount 3 | Tax Amount 3 For Special Charge |  | 35 |
| 36 | Special Charge Tax Category 4 | Tax Category Code 4 for Special Charge | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 37 | Special Charge Tax Rate 4 | Tax Rate 4 For Special Charge |  | 35 |
| 38 | Special Charge Tax Amount 4 | Tax Amount 4 For Special Charge |  | 35 |
| 39 | Carriage Description | Carriage Description |  | 255 |
| 40 | Carriage Amount | Carriage Amount |  | 35 |
| 41 | Carriage Tax Category 1 | Tax Category Code 1 for Carriage | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 42 | Carriage Tax Rate 1 | Tax Rate 1 For Carriage |  | 35 |
| 43 | Carriage Tax Amount 1 | Tax Amount 1 For Carriage |  | 35 |
| 44 | Carriage Tax Category 2 | Tax Category Code 2 for Carriage | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 45 | Carriage Tax Rate 2 | Tax Rate 2 For Carriage |  | 35 |
| 46 | Carriage Tax Amount 2 | Tax Amount 2 For Carriage |  | 35 |
| 47 | Carriage Tax Category 3 | Tax Category Code 3 for Carriage | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 48 | Carriage Tax Rate 3 | Tax Rate 3 For Carriage |  | 35 |
| 49 | Carriage Tax Amount 3 | Tax Amount 3 For Carriage |  | 35 |
| 50 | Carriage Tax Category 4 | Tax Category Code 4 for Carriage | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 51 | Carriage Tax Rate 4 | Tax Rate 4 For Carriage |  | 35 |
| 52 | Carriage Tax Amount 4 | Tax Amount 4 For Carriage |  | 35 |
| 53 | Freight Description | Freight Description |  | 255 |
| 54 | Freight Amount | Freight Amount |  | 35 |
| 55 | Freight Tax Category 1 | Tax Category Code 1 for Freight | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 56 | Freight Tax Rate 1 | Tax Rate 1 For Freight |  | 35 |
| 57 | Freight Tax Amount 1 | Tax Amount 1 For Freight |  | 35 |
| 58 | Freight Tax Category 2 | Tax Category Code 2 for Freight | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 59 | Freight Tax Rate 2 | Tax Rate 2 For Freight |  | 35 |
| 60 | Freight Tax Amount 2 | Tax Amount 2 For Freight |  | 35 |
| 61 | Freight Tax Category 3 | Tax Category Code 3 for Freight | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 62 | Freight Tax Rate 3 | Tax Rate 3 For Freight |  | 35 |
| 63 | Freight Tax Amount 3 | Tax Amount 3 For Freight |  | 35 |
| 64 | Freight Tax Category 4 | Tax Category Code 4 for Freight | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 65 | Freight Tax Rate 4 | Tax Rate 4 For Freight |  | 35 |
| 66 | Freight Tax Amount 4 | Tax Amount 4 For Freight |  | 35 |
| 67 | Insurance Description | Insurance Description |  | 255 |
| 68 | Insurance Amount | Insurance Amount |  | 35 |
| 69 | Insurance Tax Category 1 | Tax Category Code 1 for Insurance | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 70 | Insurance Tax Rate 1 | Tax Rate 1 ForInsurance |  | 35 |
| 71 | Insurance Tax Amount 1 | Tax Amount 1 For Insurance |  | 35 |
| 72 | Insurance Tax Category 2 | Tax Category Code 2 for Insurance | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 73 | Insurance Tax Rate 2 | Tax Rate 2 For Insurance |  | 35 |
| 74 | Insurance Tax Amount 2 | Tax Amount 2 For Insurance |  | 35 |
| 75 | Insurance Tax Category 3 | Tax Category Code 3 for Insurance | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 76 | Insurance Tax Rate 3 | Tax Rate 3 For Insurance |  | 35 |
| 77 | Insurance Tax Amount 3 | Tax Amount 3 For Insurance |  | 35 |
| 78 | Insurance Tax Category 4 | Tax Category Code 4 for Insurance | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 79 | Insurance Tax Rate 4 | Tax Rate 4 For Insurance |  | 35 |
| 80 | Insurance Tax Amount 4 | Tax Amount 4 For Insurance |  | 35 |
| 81 | Packing Description | Packing Description |  | 255 |
| 82 | Packing Amount | Packing Amount |  | 35 |
| 83 | Packing Tax Category 1 | Tax Category Code 1 for Packing | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 84 | Packing Tax Rate 1 | Tax Rate 1 For Packing |  | 35 |
| 85 | Packing Tax Amount 1 | Tax Amount 1 For Packing |  | 35 |
| 86 | Packing Tax Category 2 | Tax Category Code 2 for Packing | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 87 | Packing Tax Rate 2 | Tax Rate 2 For Packing |  | 35 |
| 88 | Packing Tax Amount 2 | Tax Amount 2 For Packing |  | 35 |
| 89 | Packing Tax Category 3 | Tax Category Code 3 for Packing | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 90 | Packing Tax Rate 3 | Tax Rate 3 For Packing |  | 35 |
| 91 | Packing Tax Amount 3 | Tax Amount 3 For Packing |  | 35 |
| 92 | Packing Tax Category 4 | Tax Category Code 4 for Packing | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 93 | Packing Tax Rate 4 | Tax Rate 4 For Packing |  | 35 |
| 94 | Packing Tax Amount 4 | Tax Amount 4 For Packing |  | 35 |
| 95 | Admin Charge Description | Admin Charge Description |  | 255 |
| 96 | Admin Charge Amount | Admin Charge Amount |  | 35 |
| 97 | Admin Charge Tax Category 1 | Tax Category Code 1 for Admin Charge | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 98 | Admin Charge Tax Rate 1 | Tax Rate 1 For Admin Charge |  | 35 |
| 99 | Admin Charge Tax Amount 1 | Tax Amount 1 For Admin Charge |  | 35 |
| 100 | Admin Charge Tax Category 2 | Tax Category Code 2 for Admin Charge | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 101 | Admin Charge Tax Rate 2 | Tax Rate 2 For Admin Charge |  | 35 |
| 102 | Admin Charge Tax Amount 2 | Tax Amount 2 For Admin Charge |  | 35 |
| 103 | Admin Charge Tax Category 3 | Tax Category Code 3 for Admin Charge | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 104 | Admin Charge Tax Rate 3 | Tax Rate 3 For Admin Charge |  | 35 |
| 105 | Admin Charge Tax Amount 3 | Tax Amount 3 For Admin Charge |  | 35 |
| 106 | Admin Charge Tax Category 4 | Tax Category Code 4 for Admin Charge | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 107 | Admin Charge Tax Rate 4 | Tax Rate 4 For Admin Charge |  | 35 |
| 108 | Admin Charge Tax Amount 4 | Tax Amount 4 For Admin Charge |  | 35 |
| 109 | Fuel Surcharge Description | Fuel Surcharge Description |  | 255 |
| 110 | Fuel Surcharge Amount | Fuel Surcharge Amount |  | 35 |
| 111 | Fuel Surcharge Tax Category 1 | Tax Category Code 1 for Fuel Surcharge | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 112 | Fuel Surcharge Tax Rate 1 | Tax Rate 1 For Fuel Surcharge |  | 35 |
| 113 | Fuel Surcharge Tax Amount 1 | Tax Amount 1 For Fuel Surcharge |  | 35 |
| 114 | Fuel Surcharge Tax Category 2 | Tax Category Code 2 for Fuel Surcharge | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 115 | Fuel Surcharge Tax Rate 2 | Tax Rate 2 For Fuel Surcharge |  | 35 |
| 116 | Fuel Surcharge Tax Amount 2 | Tax Amount 2 For Fuel Surcharge |  | 35 |
| 117 | Fuel Surcharge Tax Category 3 | Tax Category Code 3 for Fuel Surcharge | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 118 | Fuel Surcharge Tax Rate 3 | Tax Rate 3 For Fuel Surcharge |  | 35 |
| 119 | Fuel Surcharge Tax Amount 3 | Tax Amount 3 For Fuel Surcharge |  | 35 |
| 120 | Fuel Surcharge Tax Category 4 | Tax Category Code 4 for Fuel Surcharge | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 121 | Fuel Surcharge Tax Rate 4 | Tax Rate 4 For Fuel Surcharge |  | 35 |
| 122 | Fuel Surcharge Tax Amount 4 | Tax Amount 4 For Fuel Surcharge |  | 35 |
| 123 | Green Tax Description | Green Tax Description |  | 255 |
| 124 | Green Tax Amount | Green Tax Amount |  | 35 |
| 125 | Green Tax Tax Category 1 | Tax Category Code 1 for Green Tax | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 126 | Green Tax Tax Rate 1 | Tax Rate 1 For Green Tax |  | 35 |
| 127 | Green Tax Tax Amount 1 | Tax Amount 1 For Green Tax |  | 35 |
| 128 | Green Tax Tax Category 2 | Tax Category Code 2 for Green Tax | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 129 | Green Tax Tax Rate 2 | Tax Rate 2 For Green Tax |  | 35 |
| 130 | Green Tax Tax Amount 2 | Tax Amount 2 For Green Tax |  | 35 |
| 131 | Green Tax Tax Category 3 | Tax Category Code 3 for Green Tax | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 132 | Green Tax Tax Rate 3 | Tax Rate 3 For Green Tax |  | 35 |
| 133 | Green Tax Tax Amount 3 | Tax Amount 3 For Green Tax |  | 35 |
| 134 | Green Tax Tax Category 4 | Tax Category Code 4 for Green Tax | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 135 | Green Tax Tax Rate 4 | Tax Rate 4 For Green Tax |  | 35 |
| 136 | Green Tax Tax Amount 4 | Tax Amount 4 For Green Tax |  | 35 |
| 137 | Rounding Line Description | Rounding Line Description |  | 255 |
| 138 | Rounding Line Amount | Rounding Line Amount |  | 35 |
| 139 | Rounding Line Tax Category 1 | Tax Category Code 1 for Rounding Line | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 140 | Rounding Line Tax Rate 1 | Tax Rate 1 For Rounding Line |  | 35 |
| 141 | Rounding Line Tax Amount 1 | Tax Amount 1 For Rounding Line |  | 35 |
| 142 | Rounding Line Tax Category 2 | Tax Category Code 2 for Rounding Line | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 143 | Rounding Line Tax Rate 2 | Tax Rate 2 For Rounding Line |  | 35 |
| 144 | Rounding Line Tax Amount 2 | Tax Amount 2 For Rounding Line |  | 35 |
| 145 | Rounding Line Tax Category 3 | Tax Category Code 3 for Rounding Line | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 146 | Rounding Line Tax Rate 3 | Tax Rate 3 For Rounding Line |  | 35 |
| 147 | Rounding Line Tax Amount 3 | Tax Amount 3 For Rounding Line |  | 35 |
| 148 | Rounding Line Tax Category 4 | Tax Category Code 4 for Rounding Line | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 149 | Rounding Line Tax Rate 4 | Tax Rate 4 For Rounding Line |  | 35 |
| 150 | Rounding Line Tax Amount 4 | Tax Amount 4 For Rounding Line |  | 35 |
| 151 | Demurrage Description | Demurrage Description |  | 255 |
| 152 | Demurrage Amount | Demurrage Amount |  | 35 |
| 153 | Demurrage Tax Category 1 | Tax Category Code 1 for Demurrage | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 154 | Demurrage Tax Rate 1 | Tax Rate 1 For Demurrage |  | 35 |
| 155 | Demurrage Tax Amount 1 | Tax Amount 1 For Demurrage |  | 35 |
| 156 | Demurrage Tax Category 2 | Tax Category Code 2 for Demurrage | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 157 | Demurrage Tax Rate 2 | Tax Rate 2 For Demurrage |  | 35 |
| 158 | Demurrage Tax Amount 2 | Tax Amount 2 For Demurrage |  | 35 |
| 159 | Demurrage Tax Category 3 | Tax Category Code 3 for Demurrage | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 160 | Demurrage Tax Rate 3 | Tax Rate 3 For Demurrage |  | 35 |
| 161 | Demurrage Tax Amount 3 | Tax Amount 3 For Demurrage |  | 35 |
| 162 | Demurrage Tax Category 4 | Tax Category Code 4 for Demurrage | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 163 | Demurrage Tax Rate 4 | Tax Rate 4 For Demurrage |  | 35 |
| 164 | Demurrage Tax Amount 4 | Tax Amount 4 For Demurrage |  | 35 |
| 165 | Advance Recycling Fee Description | Advance Recycling Fee Description |  | 255 |
| 166 | Advance Recycling Fee Amount | Advance Recycling Fee Amount |  | 35 |
| 167 | Advance Recycling Fee Tax Category 1 | Tax Category Code 1 for Advance Recycling Fee | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 168 | Advance Recycling Fee Tax Rate 1 | Tax Rate 1 For Advance Recycling Fee |  | 35 |
| 169 | Advance Recycling Fee Tax Amount 1 | Tax Amount 1 For Advance Recycling Fee |  | 35 |
| 170 | Advance Recycling Fee Tax Category 2 | Tax Category Code 2 for Advance Recycling Fee | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 171 | Advance Recycling Fee Tax Rate 2 | Tax Rate 2 For Advance Recycling Fee |  | 35 |
| 172 | Advance Recycling Fee Tax Amount 2 | Tax Amount 2 For Advance Recycling Fee |  | 35 |
| 173 | Advance Recycling Fee Tax Category 3 | Tax Category Code 3 for Advance Recycling Fee | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 174 | Advance Recycling Fee Tax Rate 3 | Tax Rate 3 For Advance Recycling Fee |  | 35 |
| 175 | Advance Recycling Fee Tax Amount 3 | Tax Amount 3 For Advance Recycling Fee |  | 35 |
| 176 | Advance Recycling Fee Tax Category 4 | Tax Category Code 4 for Advance Recycling Fee | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 177 | Advance Recycling Fee Tax Rate 4 | Tax Rate 4 For Advance Recycling Fee |  | 35 |
| 178 | Advance Recycling Fee Tax Amount 4 | Tax Amount 4 For Advance Recycling Fee |  | 35 |
| 179 | Bank Name | Bank Name |  | 100 |
| 180 | Bank Address | Bank Address |  | 100 |
| 181 | Sort Code | Bank Sort Code |  | 100 |
| 182 | Bank Account Number | Bank Account Number |  | 100 |
| 183 | Bank Account Name | Bank Account Name |  | 100 |
| 184 | IBAN | IBAN |  | 100 |
| 185 | SWIFT | SWIFT |  | 100 |
| 186 | InvoiceDetail1 | Invoice Detail 1 |  | 1000 |
| 187 | InvoiceDetail2 | Invoice Detail 2 |  | 1000 |
| 188 | InvoiceDetail3 | Invoice Detail 3 |  | 1000 |

1. **Data Format**

The **date format** for all dates provided in the CSV ABC file should be **yyyy-MM-dd**

The **number format** for all amounts provided in the CSV ABC file should be period for decimal separator and no thousand separator

1. **Derivations**

The CSV ABC Master Map is using standard codes for recognizing the Invoice Type

**5.1 InvoiceTypeCodeList**

Only valid codes from column “Code from file”, in InvoiceTypeCodeList (Derivations.xlsx) should be used in field Invoice Type, record A.



Please note that document Derivations.xlsx will not be updated unless changes in the CSV ABC Master Map are made.

1. **Augmentations**

The CSV ABC Master Map is using standard codes for some of the fields so the provided information can be looked up with the standard valid internal Tungsten Codes for some of the mapping elements.

The following Mapping elements have a look up logic applied:

* Currency
* Tax Category
* Unit Of Measure

**6.1 Currency**

Only valid codes from column “Code from file”, in **CurrencyCodeList** (**Augmentations-yyyy-MM-dd.xlsx**) should be used in field 4 , record C (field Currency on Summary Level) (**Production Database – table OBX\_CURRENCY, column CODE**). The Internal Tungsten Description provided in CurrencyCodeList (Augmentations-yyyy-MM-dd.xlsx) corresponds to Production Database – table OBX\_CURRENCY, column CURRENCY\_NAME, and can be updated in Augmentations-yyyy-MM-dd.xlsx accordingly. Please note that if your invoice files contain no currency codes and are left empty- our system will autopopulate a preset currency code for you. Please make sure you have the proper preset currency code agreed and configured with your implementation agent.

**6.2 Tax Category**

Only valid codes from column “Code from file”, in **TaxCategoryCodeList** (**Augmentations-yyyy-MM-dd.xlsx**) should be used in all fields for Tax Category Code, on Line and Summary level (**Production Database – table OBX\_TAX\_CATEGORY, column CODE**). The Internal Tungsten Description provided in TaxCategoryCodeList (Augmentations-yyyy-MM-dd.xlsx) corresponds to Production Database – table OBX\_TAX\_CATEGORY, column DESCRIPTION, and can be updated in Augmentations-yyyy-MM-dd.xlsx accordingly.

The best practise is to provide TaxCategoryCodeList to the supplier only with codes which are valid for the Supplier’s country.

For example for Supplier from Germany the TaxCategoryCodeList should be provided as below:

|  |  |
| --- | --- |
| Code from file | Internal Tungsten Description |
| DE1 | 16% USt. |
| DE2 | 7% USt. |
| DE3 | Steuerfrei |
| DE4 | Nicht Steuerbar |
| DE5 | 19% USt. |
| DE6 | Wareneinkauf (EU) |
| DE7 | 0% USt - Imports |
| DE8 | Triangulation - 0% (EU) |
| DE9 | Reverse Charge |

**6.3 Unit of measure**

Only valid codes from column “Code from file”, in **UnitOfMeasureCodeList** (**Augmentations-yyyy-MM-dd.xlsx**) should be used in field 3, record B (field Unit Of Measure Code, on Line Level) (**Production Database – table OBX\_UNIT\_OF\_MEASURE, column CODE**). The Internal Tungsten Description provided in TaxCategoryCodeList (Augmentations-yyyy-MM-dd.xlsx) corresponds to Production Database – table OBX\_UNIT\_OF\_MEASURE, column DESCRIPTION, and can be updated in Augmentations-yyyy-MM-dd.xlsx accordingly.



Please note that document for the valid augmentation codes contains date in the name (**Augmentations-yyyy-MM-dd.xlsx**) which means that the list is **up to the corresponding date**. The document **has to be updated** before sent to the supplier with the information from the corresponding tables from **Production Database** described above.

If the tags listed above are not populated with valid code from the corresponding table, the invoice will fail due to Validation Policy Error as the provided value will not be looked up to standard valid internal Tungsten Code.

1. **Additional Logics, Failures and Notes**
   1. When **Invoice Type** in not provided, the Invoice will fail with Validation Policy Error – “Element 'InvoiceType' contains value 'empty' which is not a valid code.”
   2. When **Delivery Date** is not provided it will be copied from Invoice Date
   3. When **Original Delivery Date** is not provided it will be copied from Original Invoice Date
   4. **Line Net Amount** should always be provided (when **Discount Percent** and **Discount Amount** are used on Line level the **Line net Amount** should be equal to (**Quantity** \* **Unit Price**) – **Discount Amount**)
   5. When **Quantity** is not provided it will be output as “1”
   6. When **Unit of measure** is not populated it will be output as EA
   7. When **Unit Price** is not provided it will be copied from Line Net Amount
   8. When **Line Tax Amount** is not provided it can be calculated as **Line Net Amount** \* **Tax Rate** divided by 100 (in this case both Line Net Amount and Tax Rate should be provided)
   9. When **Special Conditions** are populated - the value can be “01”, “02”or “03”
   10. **Taxable Amount** on Line level will always be copied from Line Net Amount
   11. For the **Discount**–**Unit of measure** will be output as EA, **Line Net Amount** will be always negative, **Unit Price** will be copied from Line Net and output as positive amount, **Quantity** will be output as “-1”, **Line Tax Amount** will always be negative, when **Part Description** and **Part Number** are not provided Supplier Part Description will be output as “Discount”
   12. For the all **Charges**– **Unit of measure** will be output as EA, **Line Net Amount** will be always positive, **Unit Price** will be copied from Line Net and output as positive amount, **Quantity** will be output as “1”, **Line Tax Amount** will always be positive, when **Part Description** and **Part Number** are not provided Supplier Part Description will be output from the corresponding name of the charge from the definition.
   13. For the **Rounding Line**– **Unit of measure** will be output as EA, **Line Net Amount** may be positive or negative, **Unit Price** will be copied from Line Net and output as positive amount, **Quantity** will be output as “1”, when **Line Net Amount** and **Invoice Gross Amount** have the same sign, **Quantity** will be output as “-1”, when **Line Net Amount** and **Invoice Gross Amount** have different signs, **Line Tax Amount** should always have the same sign as **Line Net Amount** , when **Part Description** and **Part Number** are not provided Supplier Part Description will be output from the corresponding name of the charge from the definition.
   14. When **Invoice Net Amount** is not provided it will be calculated as sum of all Line Net Amounts (for all Line Items, Discounts and Special charges)
   15. When **Invoice Tax Amount** is not provided it will be calculated as sum of all Line Tax Amounts (for all Line Items, Discounts and Special charges)
   16. **Invoice Gross Amount** should always be provided
   17. **Amount to Pay** will always be copied from Invoice Gross Amount
   18. When **Invoice Gross Amount** is negative all amounts will be reversed, so the correct signs, acceptable for our system are in place.
2. **Information from database**

Some of the mandatory information is static so it needs to be set in database (obi)

**Supplier Tax Registration number** (except for Canadian Suppliers) - **Production Database – table OBX\_CLIENT, column VAT\_REGISTRATION**

**Supplier Company Registration Number** - **Production Database – table OBX\_CLIENT, column CLIENT\_COMPANY\_REGISTRATION**

**Place Of Reguistration and date of Registration - Production Database – table OBX\_CLIENT\_CS\_FIELDS, column TOWN\_OF\_REGISTRATION**

**Supplier Type of Company - Production Database – table OBX\_CLIENT, column TYPE\_OF\_COMPANY**

**Permit Number - Production Database – table OBX\_CLIENT\_CS\_FIELDS, column PERMIT\_NUMBER**

**Permit Date - Production Database – table OBX\_CLIENT\_CS\_FIELDS, column PERMIT\_DATE**

**Profession or Activity - Production Database – table OBX\_CLIENT\_CS\_FIELDS, column PROFESSION**

**Share Capital - Production Database – table OBX\_SUPPLIER, column SHARE\_CAPITAL**

**Late Payment Penalty - Production Database – table OBX\_CLIENT\_CS\_FIELDS, column LATE\_PAY\_PEN**

**Early Payment Discount - Production Database – table OBX\_CLIENT\_CS\_FIELDS, column EARLY\_PAY\_DISC**

**Managing Directors - Production Database – table OBX\_CLIENT\_CS\_DIRECTORS, column FULL\_NAME**

**Chairman - Production Database – table OBX\_CLIENT\_CS\_FIELDS, column CHAIRMAN**

**Liquidator Name - Production Database – table OBX\_CLIENT\_CS\_LIQUIDATOR, column LIQUIDATOR\_NAME**

**Liable Company - Production Database – table OBX\_CLIENT\_CS\_FIELDS, column LIABLE\_COMPANY**

**Vendor Code - Production Database – table OBX\_SUPPLIER\_ALIAS, column BUYER\_SUPPLIER\_REFERANCE**

**Buyer Tax Registration number** - **Production Database – table OBX\_CLIENT, column VAT\_REGISTRATION**

**Buyer Fiscal Rep. Name, Address and VAT Num. - Production Database – table OBX\_BUYER\_AFFILIATE**

**Invoice From Name and Address - Production Database – table OBX\_CLIENT**

1. **Master Account**

The account number for CSV ABC Master Map is **AAAMasterCSVABC**.

The encoding set in the CSV ABC Master Map is **UTF-8**. The account is set to accept both Windows and Unix record separators.

Logic for removing Byte Order mark is in place.

There is US Sum Check client rule for the CSV ABC Master account in place, so the settings in obi (database) should be done as usual (turned off for US and offshore suppliers and turned on for the rest cases).