CSV Single Line Master

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8. **Overview** - This document describes the structure of CSV SINGLE LINE file that should be used for CSV SINGLE LINE Master map and all additional logics which will be applied for account which is using the CSV SINGLE LINE Master Map
9. **Structure of the CSV SINGLE LINE**

**CSV SINGLE LINE example definition file:**

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**CSV SINGLE LINE example EU file:**

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**CSV SINGLE LINE example US file:**

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**CSV SINGLE LINE example Canada file:**

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**2.1. Invoice –** the CSV SINGLE LINE Master Map is set to be able to accept 1 or multiple invoices per file. Each Invoice is recognized by the unique Invoice Number in the Invoice number field, which should be the same in all lines in the Invoice). There can be multiple line items in one Invoice, each Line item information should be provided in separate Line. The **field separator** used should be **pipe |**.

**2.2. Levels**

Header Level – some of the fields are considered as fields for Header level and they contain Invoice Level information, which should be the same for all Lines in the Invoice (for example the fields for Invoice Number, Invoice Type, Invoice Date, Buyer ID etc.)

Line Level – some of the fields are considered as fields for Line level and they contain Line Item information, which can be different for the separate Lines in the Invoice (for example the fields for Quantity, Unit Of Measure, Unit Price, Line Net Amount etc.)

**2.3. Structure of Header level**

All fields should always be provided (if the information which they contain is not needed the fields should be left empty). Invoice Number field should be populated with the same Invoice Number for all Lines in the Invoice. The rest of the Header level Information will be taken from the fields for Header level, from the first Line in the Invoice.

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. Only discount/charge groups populated on the first line of the invoice will be considered as the discount/charge amounts should be total amounts for the whole invoice.

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.

**2.4. Structure of Line Level**

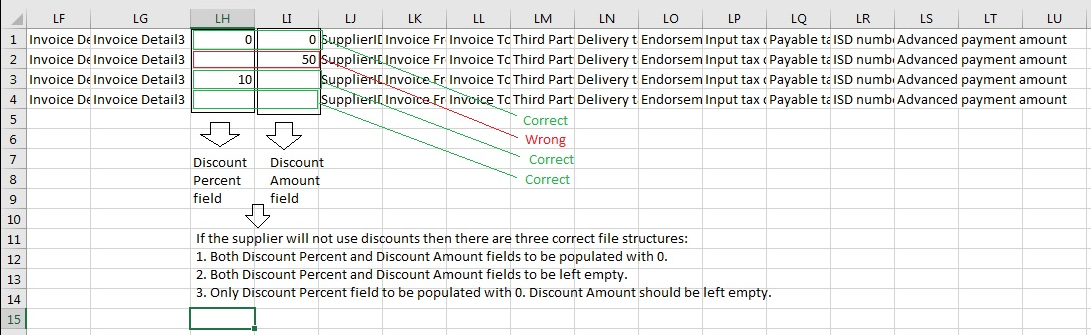
All fields should always be provided (if the information which they contain is not needed the fields should be left empty). Invoice Number field should be populated with the same Invoice Number for all Lines in the Invoice. The rest of the Line level Information will be taken from each Line in the Invoice.

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:



1. **Mapping Elements and Detailed Explanation**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Num | CSV Single Line Structure | Element Name | Notes | max Length |
| 1 | InvoiceNumber | Invoice Number |  | 35 |
| 2 | InvoiceDate | Invoice Date |  | 10 |
| 3 | Tax Point Date | Tax Point Date |  | 10 |
| 4 | 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 |
| 5 | BuyerID | BuyerID Party Number |  | 15 |
| 6 | Original Invoice Number | Original Invoice Number |  | 35 |
| 7 | Original Invoice Date | Original Invoice Date |  | 10 |
| 8 | Original Delivery Date | Original Delivery Date |  | 10 |
| 9 | Credit Reason | Credit Reason |  | 1000 |
| 10 | PO Number | PO Number | taken from 1st line for Header level | 35 |
| 11 | Delivery Note Number | Delivery Note Number | taken from 1st line for Header level | 35 |
| 12 | PaymentReference | Payment Reference |  | 1000 |
| 13 | PaymentMethod | Payment Method |  | 1000 |
| 14 | FormOfPayment | Form Of Payment |  | 1000 |
| 15 | Payment Terms | Payment Terms |  | 1000 |
| 16 | NetPaymentDays | Net Payment Days |  | 1000 |
| 17 | Start Date | Start Date | taken from 1st line for Header level | 10 |
| 18 | End Date | End Date | taken from 1st line for Header level | 10 |
| 19 | Order Date | Order Date | taken from 1st line for Header level | 10 |
| 20 | Delivery Date | Delivery Date | taken from 1st line for Header level | 10 |
| 21 | ShipDate | Ship Date |  | 10 |
| 22 | Declaration Date | Customs Declaration Date |  | 10 |
| 23 | Payment Due By Date | Payment Due By Date |  | 10 |
| 24 | Early Payment Date | Early Payment Date |  | 10 |
| 25 | ManufactureDate | Date of Manufacture |  | 10 |
| 26 | ExpiryDate | Expiry Date |  | 10 |
| 27 | InvFromName | Invoice From Name | Invoice From Name and Address will be taken from Database | 80 |
| 28 | InvFromAdd1 | Invoice From Street 1 | Invoice From Name and Address will be taken from Database | 55 |
| 29 | InvFromAdd2 | Invoice From Street 2 | Invoice From Name and Address will be taken from Database | 55 |
| 30 | InvFromCity | Invoice From City | Invoice From Name and Address will be taken from Database | 55 |
| 31 | InvFromPostalCode | Invoice From Postal Code | Invoice From Name and Address will be taken from Database | 55 |
| 32 | InvFromState | Invoice From State | Invoice From Name and Address will be taken from Database | 55 |
| 33 | InvFromCountry | Invoice From Country | Invoice From Name and Address will be taken from Database | 55 |
| 34 | Supplier QST Tax. Reg. Num. | Supplier QST Tax Reg. Num. | Canadian Suppliers | 1000 |
| 35 | Supplier PST Tax. Reg. Num. | Supplier PST Tax Reg. Num. | Canadian Suppliers | 1000 |
| 36 | Supplier GST Tax. Reg. Num. | Supplier GST Tax Reg. Num. | Canadian Suppliers | 1000 |
| 37 | Supplier HST Tax. Reg. Num. | Supplier HST Tax Reg. Num. | Canadian Suppliers | 1000 |
| 38 | Main Supplier Contact Name | Main Supplier Contact Name |  | 80 |
| 39 | Main Supplier Contact Tel | Main Supplier Contact Tel |  | 255 |
| 40 | Main Supplier Contact Email | Main Supplier Contact Email |  | 80 |
| 41 | ContactNameForInvQ | Invoice Queries Contact Name |  | 80 |
| 42 | ContactTelForInvQ | Invoice Queries Contact Tel |  | 255 |
| 43 | ContactEmailForInvQ | Invoice Queries Contact Email |  | 80 |
| 44 | InvToName | Invoice To Name |  | 80 |
| 45 | InvToAdd1 | Invoice To Street 1 |  | 55 |
| 46 | InvToAdd2 | Invoice To Street 2 |  | 55 |
| 47 | InvToCity | Invoice To City |  | 55 |
| 48 | InvToPostalCode | Invoice To Postal Code |  | 55 |
| 49 | InvToState | Invoice To State |  | 55 |
| 50 | InvToCountry | Invoice To Country |  | 55 |
| 51 | BuyerContactName | Main Buyer Contact Name |  | 80 |
| 52 | BuyerContactTel | Main Buyer Contact Tel |  | 255 |
| 53 | BuyerContactEmail | Main Buyer Contact Email |  | 80 |
| 54 | SupplierFiscRepName | Supplier Fiscal Rep. Name |  | 80 |
| 55 | SupplierFiscRepAdd1 | Supplier Fiscal Rep. Street 1 |  | 55 |
| 56 | SupplierFiscRepAdd2 | Supplier Fiscal Rep. Street 2 |  | 55 |
| 57 | SupplierFiscRepCity | Supplier Fiscal Rep. City |  | 55 |
| 58 | SupplierFiscRepPostalCode | Supplier Fiscal Rep. Postal Code |  | 55 |
| 59 | SupplierFiscRepState | Supplier Fiscal Rep. State |  | 55 |
| 60 | SupplierFiscRepCountry | Supplier Fiscal Rep. Country |  | 55 |
| 61 | SupplierFiscRepTaxRegNum | Supplier Fiscal Rep. Tax Reg. Number |  | 1000 |
| 62 | ShipToName | Ship To Name |  | 80 |
| 63 | ShipToAdd1 | Ship To Street 1 |  | 55 |
| 64 | ShipToAdd2 | Ship To Street 2 |  | 55 |
| 65 | ShipToCity | Ship To City |  | 55 |
| 66 | ShipToPostalCode | Ship To Postal Code |  | 55 |
| 67 | ShipToState | Ship To State |  | 55 |
| 68 | ShipToCountry | Ship To Country |  | 55 |
| 69 | ShipToTaxRegNum | Ship To Tax Reg. Number |  | 1000 |
| 70 | ShipFromName | Ship From Name |  | 80 |
| 71 | ShipFromAdd1 | Ship From Street 1 |  | 55 |
| 72 | ShipFromAdd2 | Ship From Street 2 |  | 55 |
| 73 | ShipFromCity | Ship From City |  | 55 |
| 74 | ShipFromPostalCode | Ship From Postal Code |  | 55 |
| 75 | ShipFromState | Ship From State |  | 55 |
| 76 | ShipFromCountry | Ship From Country |  | 55 |
| 77 | ShipFromTaxRegNum | Ship From Tax Reg. Number |  | 1000 |
| 78 | OrderedByName | Ordered By Name |  | 80 |
| 79 | OrderedByAdd1 | Ordered By Street1 |  | 55 |
| 80 | OrderedByAdd2 | Ordered By Street2 |  | 55 |
| 81 | OrderedByCity | Ordered By City |  | 55 |
| 82 | OrderedByPostalCode | Ordered By Postal Code |  | 55 |
| 83 | OrderedByState | Ordered By State |  | 55 |
| 84 | OrderedByCountry | Ordered By Country |  | 55 |
| 85 | InvoiceNetAmount | Invoice Net Amount |  | 35 |
| 86 | InvoiceTaxAmount | Invoice Tax Amount |  | 35 |
| 87 | InvoiceGrossAmount | Invoice Gross Amount |  | 35 |
| 88 | Currency | Currency | valid code from CurrencyCodeList (augmentations) | 5 |
| 89 | LocalCurrency | Local Currency |  | 1000 |
| 90 | ExchangeRate | Exchange Rate |  | 1000 |
| 91 | LocalCurrencyNet | Local Currency Net Amount |  | 1000 |
| 92 | LocalCurrencyTax | Local Currency Tax Amount |  | 1000 |
| 93 | LocalCurrencyGross | Local Currency Gross Amount |  | 1000 |
| 94 | Bank Name | Bank Name |  | 100 |
| 95 | Bank Address | Bank Address |  | 100 |
| 96 | Sort Code | Bank Sort Code |  | 100 |
| 97 | Bank Account Number | Bank Account Number |  | 100 |
| 98 | Bank Account Name | Bank Account Name |  | 100 |
| 99 | IBAN | IBAN |  | 100 |
| 100 | SWIFT | SWIFT |  | 100 |
| 101 | POLineNum | PO Line Number |  | 255 |
| 102 | Quantity | Quantity |  | 35 |
| 103 | UnitOfMeasure | Unit Of Measure Code | valid code from UnitOfMeasureCodeList (augmentations) | 10 |
| 104 | UnitPrice | Unit Price |  | 35 |
| 105 | LineNetAmount | Line Net Amount |  | 35 |
| 106 | SupplierPartNum | Supplier Part Number |  | 35 |
| 107 | SupplierPartDescr | Supplier Part Description |  | 255 |
| 108 | BuyerPartNum | Buyer Part Number |  | 35 |
| 109 | ManufacturerPartNum | Manufacturer Part Number |  | 35 |
| 110 | CommodityCode | Commodity Code |  | 35 |
| 111 | TaxDescriptor | Tax Descriptor |  | 1000 |
| 112 | TaxCategoryCode1 | Tax Category Code 1 | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 113 | TaxRate1 | Tax Rate 1 |  | 35 |
| 114 | TaxAmount1 | Line Tax Amount 1 |  | 35 |
| 115 | TaxCategoryCode2 | Tax Category Code 2 | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 116 | TaxRate2 | Tax Rate 2 |  | 35 |
| 117 | TaxAmount2 | Line Tax Amount 2 |  | 35 |
| 118 | TaxCategoryCode3 | Tax Category Code 3 | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 119 | TaxRate3 | Tax Rate 3 |  | 35 |
| 120 | TaxAmount3 | Line Tax Amount 3 |  | 35 |
| 121 | TaxCategoryCode4 | Tax Category Code 4 | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 122 | TaxRate4 | Tax Rate 4 |  | 35 |
| 123 | TaxAmount4 | Line Tax Amount 4 |  | 35 |
| 124 | ShipmentNum | Shipment Number | taken from 1st line for Header level | 1000 |
|
| 125 | BuyerCostCenter | Buyer Cost Center | taken from 1st line for Header level | 1000 |
| 126 | BillOfLading | Bill Of Lading | taken from 1st line for Header level | 1000 |
| 127 | ContractID | Contract ID |  | 1000 |
| 128 | DUNSNumber | Dun & Bradstreet Num. |  | 1000 |
| 129 | INCOTerms | INCO Terms |  | 1000 |
| 130 | WBS | Work Breakdown Structure |  | 1000 |
| 131 | NatureOfTax | Nature Of Tax | taken from 1st line for Header level | 1000 |
|
| 132 | PlaceOfIsuue | Place Of Issue |  | 1000 |
| 133 | GLNumber | GL Number | taken from 1st line for Header level | 1000 |
| 134 | AccountNumber | Account Number |  | 1000 |
| 135 | UtilityID | Utility ID |  | 1000 |
| 136 | ESRRef | ESR Customer Ref. |  | 1000 |
| 137 | ESRNum | ESR Customer Num. |  | 1000 |
| 138 | Weight | Weight | taken from 1st line for Header level | 1000 |
| 139 | NetWeight | Net Weight | taken from 1st line for Header level | 1000 |
| 140 | GrossWeight | Gross Weight | taken from 1st line for Header level | 1000 |
| 141 | NumberOfPacks | Number Of Packages |  | 1000 |
| 142 | ModeOfTransport | Mode Of Transport |  | 1000 |
| 143 | ExpectedTimeOfArrival | Expected Time Of Arrival |  | 1000 |
| 144 | PortOfLoading | Port Of Loading |  | 1000 |
| 145 | PortOfDischarge | Port Of Discharge |  | 1000 |
| 146 | ChargeCategory | Charge Category |  | 1000 |
| 147 | WithholdingTaxIndicator | Withhold Tax Indicator | should be populated with "Yes" or "No" | 1000 |
| 148 | LicenseNum | License Number |  | 1000 |
| 149 | CustomsDeclNum | Customs Declaration Number |  | 1000 |
| 150 | CustomsDeclOffice | Customs Office |  | 1000 |
| 151 | CountryOfOrigin | Country Of Origin |  | 1000 |
| 152 | RailTruckNumber | Rail Truck Number |  | 1000 |
| 153 | BatchNumber | Batch Number |  | 1000 |
| 154 | BatchQuantity | Batch Quantity |  | 1000 |
| 155 | GoodsOrServiceIndicator | Goods or Service Indicator | should be populated with "01" (for undefined), "02" (for Product) or "03" ( for Service) | 10 |
| 156 | Month | Month |  | 1000 |
| 157 | Week | Week |  | 1000 |
| 158 | Hours | Hours |  | 1000 |
| 159 | Name | Name |  | 1000 |
| 160 | LocationCode | Location Code |  | 1000 |
| 161 | ApproverCode | Approver Code |  | 1000 |
| 162 | Serial Number | Serial Number | taken from 1st line for Header level | 1000 |
| 163 | Buyer Affiliate | Buyer Affiliate | taken from 1st line for Header level | 1000 |
| 164 | Export Number | Export Number | taken from 1st line for Header level | 1000 |
| 165 | Ticket Number | Ticket Number | taken from 1st line for Header level | 1000 |
| 166 | Tax Regime | Tax Regime | taken from 1st line for Header level | 1000 |
| 167 | BookingReference | Booking Reference | taken from 1st line for Header level | 1000 |
| 168 | DeliveryStartDate | Delivery Start Date |  | 10 |
| 169 | DeliveryEndDate | Delivery End Date |  | 10 |
| 170 | BarCode | Bar Code | taken from 1st line for Line level and only if non-empty | Unlim |
| 171 | VAT Maturities | VAT Maturities |  | 1000 |
| 172 | Discount Description | Discount Description |  | 255 |
| 173 | Discount Amount | Discount Amount |  | 35 |
| 174 | Discount Tax Category 1 | Tax Category Code 1 for Discount | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 175 | Discount Tax Rate 1 | Tax Rate 1 For Discount |  | 35 |
| 176 | Discount Tax Amount 1 | Tax Amount 1 For Discount |  | 35 |
| 177 | Discount Tax Category 2 | Tax Category Code 2 for Discount | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 178 | Discount Tax Rate 2 | Tax Rate 2 For Discount |  | 35 |
| 179 | Discount Tax Amount 2 | Tax Amount 2 For Discount |  | 35 |
| 180 | Discount Tax Category 3 | Tax Category Code 3 for Discount | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 181 | Discount Tax Rate 3 | Tax Rate 3 For Discount |  | 35 |
| 182 | Discount Tax Amount 3 | Tax Amount 3 For Discount |  | 35 |
| 183 | Discount Tax Category 4 | Tax Category Code 4 for Discount | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 184 | Discount Tax Rate 4 | Tax Rate 4 For Discount |  | 35 |
| 185 | Discount Tax Amount 4 | Tax Amount 4 For Discount |  | 35 |
| 186 | Special Charge Description | Special Charge Description |  | 255 |
| 187 | Special Charge Amount | Special Charge Amount |  | 35 |
| 188 | Special Charge Tax Category 1 | Tax Category Code 1 for Special Charge | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 189 | Special Charge Tax Rate 1 | Tax Rate 1 For Special Charge |  | 35 |
| 190 | Special Charge Tax Amount 1 | Tax Amount 1 For Special Charge |  | 35 |
| 191 | Special Charge Tax Category 2 | Tax Category Code 2 for Special Charge | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 192 | Special Charge Tax Rate 2 | Tax Rate 2 For Special Charge |  | 35 |
| 193 | Special Charge Tax Amount 2 | Tax Amount 2 For Special Charge |  | 35 |
| 194 | Special Charge Tax Category 3 | Tax Category Code 3 for Special Charge | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 195 | Special Charge Tax Rate 3 | Tax Rate 3 For Special Charge |  | 35 |
| 196 | Special Charge Tax Amount 3 | Tax Amount 3 For Special Charge |  | 35 |
| 197 | Special Charge Tax Category 4 | Tax Category Code 4 for Special Charge | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 198 | Special Charge Tax Rate 4 | Tax Rate 4 For Special Charge |  | 35 |
| 199 | Special Charge Tax Amount 4 | Tax Amount 4 For Special Charge |  | 35 |
| 200 | Carriage Description | Carriage Description |  | 255 |
| 201 | Carriage Amount | Carriage Amount |  | 35 |
| 202 | Carriage Tax Category 1 | Tax Category Code 1 for Carriage | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 203 | Carriage Tax Rate 1 | Tax Rate 1 For Carriage |  | 35 |
| 204 | Carriage Tax Amount 1 | Tax Amount 1 For Carriage |  | 35 |
| 205 | Carriage Tax Category 2 | Tax Category Code 2 for Carriage | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 206 | Carriage Tax Rate 2 | Tax Rate 2 For Carriage |  | 35 |
| 207 | Carriage Tax Amount 2 | Tax Amount 2 For Carriage |  | 35 |
| 208 | Carriage Tax Category 3 | Tax Category Code 3 for Carriage | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 209 | Carriage Tax Rate 3 | Tax Rate 3 For Carriage |  | 35 |
| 210 | Carriage Tax Amount 3 | Tax Amount 3 For Carriage |  | 35 |
| 211 | Carriage Tax Category 4 | Tax Category Code 4 for Carriage | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 212 | Carriage Tax Rate 4 | Tax Rate 4 For Carriage |  | 35 |
| 213 | Carriage Tax Amount 4 | Tax Amount 4 For Carriage |  | 35 |
| 214 | Freight Description | Freight Description |  | 255 |
| 215 | Freight Amount | Freight Amount |  | 35 |
| 216 | Freight Tax Category 1 | Tax Category Code 1 for Freight | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 217 | Freight Tax Rate 1 | Tax Rate 1 For Freight |  | 35 |
| 218 | Freight Tax Amount 1 | Tax Amount 1 For Freight |  | 35 |
| 219 | Freight Tax Category 2 | Tax Category Code 2 for Freight | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 220 | Freight Tax Rate 2 | Tax Rate 2 For Freight |  | 35 |
| 221 | Freight Tax Amount 2 | Tax Amount 2 For Freight |  | 35 |
| 222 | Freight Tax Category 3 | Tax Category Code 3 for Freight | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 223 | Freight Tax Rate 3 | Tax Rate 3 For Freight |  | 35 |
| 224 | Freight Tax Amount 3 | Tax Amount 3 For Freight |  | 35 |
| 225 | Freight Tax Category 4 | Tax Category Code 4 for Freight | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 226 | Freight Tax Rate 4 | Tax Rate 4 For Freight |  | 35 |
| 227 | Freight Tax Amount 4 | Tax Amount 4 For Freight |  | 35 |
| 228 | Insurance Description | Insurance Description |  | 255 |
| 229 | Insurance Amount | Insurance Amount |  | 35 |
| 230 | Insurance Tax Category 1 | Tax Category Code 1 for Insurance | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 231 | Insurance Tax Rate 1 | Tax Rate 1 ForInsurance |  | 35 |
| 232 | Insurance Tax Amount 1 | Tax Amount 1 For Insurance |  | 35 |
| 233 | Insurance Tax Category 2 | Tax Category Code 2 for Insurance | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 234 | Insurance Tax Rate 2 | Tax Rate 2 For Insurance |  | 35 |
| 235 | Insurance Tax Amount 2 | Tax Amount 2 For Insurance |  | 35 |
| 236 | Insurance Tax Category 3 | Tax Category Code 3 for Insurance | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 237 | Insurance Tax Rate 3 | Tax Rate 3 For Insurance |  | 35 |
| 238 | Insurance Tax Amount 3 | Tax Amount 3 For Insurance |  | 35 |
| 239 | Insurance Tax Category 4 | Tax Category Code 4 for Insurance | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 240 | Insurance Tax Rate 4 | Tax Rate 4 For Insurance |  | 35 |
| 241 | Insurance Tax Amount 4 | Tax Amount 4 For Insurance |  | 35 |
| 242 | Packing Description | Packing Description |  | 255 |
| 243 | Packing Amount | Packing Amount |  | 35 |
| 244 | Packing Tax Category 1 | Tax Category Code 1 for Packing | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 245 | Packing Tax Rate 1 | Tax Rate 1 For Packing |  | 35 |
| 246 | Packing Tax Amount 1 | Tax Amount 1 For Packing |  | 35 |
| 247 | Packing Tax Category 2 | Tax Category Code 2 for Packing | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 248 | Packing Tax Rate 2 | Tax Rate 2 For Packing |  | 35 |
| 249 | Packing Tax Amount 2 | Tax Amount 2 For Packing |  | 35 |
| 250 | Packing Tax Category 3 | Tax Category Code 3 for Packing | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 251 | Packing Tax Rate 3 | Tax Rate 3 For Packing |  | 35 |
| 252 | Packing Tax Amount 3 | Tax Amount 3 For Packing |  | 35 |
| 253 | Packing Tax Category 4 | Tax Category Code 4 for Packing | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 254 | Packing Tax Rate 4 | Tax Rate 4 For Packing |  | 35 |
| 255 | Packing Tax Amount 4 | Tax Amount 4 For Packing |  | 35 |
| 256 | Admin Charge Description | Admin Charge Description |  | 255 |
| 257 | Admin Charge Amount | Admin Charge Amount |  | 35 |
| 258 | Admin Charge Tax Category 1 | Tax Category Code 1 for Admin Charge | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 259 | Admin Charge Tax Rate 1 | Tax Rate 1 For Admin Charge |  | 35 |
| 260 | Admin Charge Tax Amount 1 | Tax Amount 1 For Admin Charge |  | 35 |
| 261 | Admin Charge Tax Category 2 | Tax Category Code 2 for Admin Charge | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 262 | Admin Charge Tax Rate 2 | Tax Rate 2 For Admin Charge |  | 35 |
| 263 | Admin Charge Tax Amount 2 | Tax Amount 2 For Admin Charge |  | 35 |
| 264 | Admin Charge Tax Category 3 | Tax Category Code 3 for Admin Charge | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 265 | Admin Charge Tax Rate 3 | Tax Rate 3 For Admin Charge |  | 35 |
| 266 | Admin Charge Tax Amount 3 | Tax Amount 3 For Admin Charge |  | 35 |
| 267 | Admin Charge Tax Category 4 | Tax Category Code 4 for Admin Charge | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 268 | Admin Charge Tax Rate 4 | Tax Rate 4 For Admin Charge |  | 35 |
| 269 | Admin Charge Tax Amount 4 | Tax Amount 4 For Admin Charge |  | 35 |
| 270 | Fuel Surcharge Description | Fuel Surcharge Description |  | 255 |
| 271 | Fuel Surcharge Amount | Fuel Surcharge Amount |  | 35 |
| 272 | Fuel Surcharge Tax Category 1 | Tax Category Code 1 for Fuel Surcharge | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 273 | Fuel Surcharge Tax Rate 1 | Tax Rate 1 For Fuel Surcharge |  | 35 |
| 274 | Fuel Surcharge Tax Amount 1 | Tax Amount 1 For Fuel Surcharge |  | 35 |
| 275 | Fuel Surcharge Tax Category 2 | Tax Category Code 2 for Fuel Surcharge | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 276 | Fuel Surcharge Tax Rate 2 | Tax Rate 2 For Fuel Surcharge |  | 35 |
| 277 | Fuel Surcharge Tax Amount 2 | Tax Amount 2 For Fuel Surcharge |  | 35 |
| 278 | Fuel Surcharge Tax Category 3 | Tax Category Code 3 for Fuel Surcharge | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 279 | Fuel Surcharge Tax Rate 3 | Tax Rate 3 For Fuel Surcharge |  | 35 |
| 280 | Fuel Surcharge Tax Amount 3 | Tax Amount 3 For Fuel Surcharge |  | 35 |
| 281 | Fuel Surcharge Tax Category 4 | Tax Category Code 4 for Fuel Surcharge | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 282 | Fuel Surcharge Tax Rate 4 | Tax Rate 4 For Fuel Surcharge |  | 35 |
| 283 | Fuel Surcharge Tax Amount 4 | Tax Amount 4 For Fuel Surcharge |  | 35 |
| 284 | Green Tax Description | Green Tax Description |  | 255 |
| 285 | Green Tax Amount | Green Tax Amount |  | 35 |
| 286 | Green Tax Tax Category 1 | Tax Category Code 1 for Green Tax | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 287 | Green Tax Tax Rate 1 | Tax Rate 1 For Green Tax |  | 35 |
| 288 | Green Tax Tax Amount 1 | Tax Amount 1 For Green Tax |  | 35 |
| 289 | Green Tax Tax Category 2 | Tax Category Code 2 for Green Tax | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 290 | Green Tax Tax Rate 2 | Tax Rate 2 For Green Tax |  | 35 |
| 291 | Green Tax Tax Amount 2 | Tax Amount 2 For Green Tax |  | 35 |
| 292 | Green Tax Tax Category 3 | Tax Category Code 3 for Green Tax | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 293 | Green Tax Tax Rate 3 | Tax Rate 3 For Green Tax |  | 35 |
| 294 | Green Tax Tax Amount 3 | Tax Amount 3 For Green Tax |  | 35 |
| 295 | Green Tax Tax Category 4 | Tax Category Code 4 for Green Tax | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 296 | Green Tax Tax Rate 4 | Tax Rate 4 For Green Tax |  | 35 |
| 297 | Green Tax Tax Amount 4 | Tax Amount 4 For Green Tax |  | 35 |
| 298 | Rounding Line Description | Rounding Line Description |  | 255 |
| 299 | Rounding Line Amount | Rounding Line Amount |  | 35 |
| 300 | Rounding Line Tax Category 1 | Tax Category Code 1 for Rounding Line | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 301 | Rounding Line Tax Rate 1 | Tax Rate 1 For Rounding Line |  | 35 |
| 302 | Rounding Line Tax Amount 1 | Tax Amount 1 For Rounding Line |  | 35 |
| 303 | Rounding Line Tax Category 2 | Tax Category Code 2 for Rounding Line | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 304 | Rounding Line Tax Rate 2 | Tax Rate 2 For Rounding Line |  | 35 |
| 305 | Rounding Line Tax Amount 2 | Tax Amount 2 For Rounding Line |  | 35 |
| 306 | Rounding Line Tax Category 3 | Tax Category Code 3 for Rounding Line | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 307 | Rounding Line Tax Rate 3 | Tax Rate 3 For Rounding Line |  | 35 |
| 308 | Rounding Line Tax Amount 3 | Tax Amount 3 For Rounding Line |  | 35 |
| 309 | Rounding Line Tax Category 4 | Tax Category Code 4 for Rounding Line | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 310 | Rounding Line Tax Rate 4 | Tax Rate 4 For Rounding Line |  | 35 |
| 311 | Rounding Line Tax Amount 4 | Tax Amount 4 For Rounding Line |  | 35 |
| 312 | Demurrage Description | Demurrage Description |  | 255 |
| 313 | Demurrage Amount | Demurrage Amount |  | 35 |
| 314 | Demurrage Tax Category 1 | Tax Category Code 1 for Demurrage | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 315 | Demurrage Tax Rate 1 | Tax Rate 1 For Demurrage |  | 35 |
| 316 | Demurrage Tax Amount 1 | Tax Amount 1 For Demurrage |  | 35 |
| 317 | Demurrage Tax Category 2 | Tax Category Code 2 for Demurrage | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 318 | Demurrage Tax Rate 2 | Tax Rate 2 For Demurrage |  | 35 |
| 319 | Demurrage Tax Amount 2 | Tax Amount 2 For Demurrage |  | 35 |
| 320 | Demurrage Tax Category 3 | Tax Category Code 3 for Demurrage | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 321 | Demurrage Tax Rate 3 | Tax Rate 3 For Demurrage |  | 35 |
| 322 | Demurrage Tax Amount 3 | Tax Amount 3 For Demurrage |  | 35 |
| 323 | Demurrage Tax Category 4 | Tax Category Code 4 for Demurrage | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 324 | Demurrage Tax Rate 4 | Tax Rate 4 For Demurrage |  | 35 |
| 325 | Demurrage Tax Amount 4 | Tax Amount 4 For Demurrage |  | 35 |
| 326 | Advance Recycling Fee Description | Advance Recycling Fee Description |  | 255 |
| 327 | Advance Recycling Fee Amount | Advance Recycling Fee Amount |  | 35 |
| 328 | Advance Recycling Fee Tax Category 1 | Tax Category Code 1 for Advance Recycling Fee | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 329 | Advance Recycling Fee Tax Rate 1 | Tax Rate 1 For Advance Recycling Fee |  | 35 |
| 330 | Advance Recycling Fee Tax Amount 1 | Tax Amount 1 For Advance Recycling Fee |  | 35 |
| 331 | Advance Recycling Fee Tax Category 2 | Tax Category Code 2 for Advance Recycling Fee | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 332 | Advance Recycling Fee Tax Rate 2 | Tax Rate 2 For Advance Recycling Fee |  | 35 |
| 333 | Advance Recycling Fee Tax Amount 2 | Tax Amount 2 For Advance Recycling Fee |  | 35 |
| 334 | Advance Recycling Fee Tax Category 3 | Tax Category Code 3 for Advance Recycling Fee | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 335 | Advance Recycling Fee Tax Rate 3 | Tax Rate 3 For Advance Recycling Fee |  | 35 |
| 336 | Advance Recycling Fee Tax Amount 3 | Tax Amount 3 For Advance Recycling Fee |  | 35 |
| 337 | Advance Recycling Fee Tax Category 4 | Tax Category Code 4 for Advance Recycling Fee | valid code from TaxCategoryCodeList (augmentations) | 10 |
| 338 | Advance Recycling Fee Tax Rate 4 | Tax Rate 4 For Advance Recycling Fee |  | 35 |
| 339 | Advance Recycling Fee Tax Amount 4 | Tax Amount 4 For Advance Recycling Fee |  | 35 |
| 340 | Invoice Detail1 | Invoice Detail | taken from 1st line for Header Level | 1000 |
| 341 | Invoice Detail2 | Invoice Detail | taken from 1st line for Header Level | 1000 |
| 342 | Invoice Detail3 | Invoice Detail | taken from 1st line for Header Level | 1000 |
| 343 | Discount Percent Line | Discount Percent |  | 35 |
| 344 | Discount Amount Line | Discount Amount |  | 35 |
| 345 | SupplierID | SupplierID |  | 15 |
| 346 | Invoice From Tax Registration Number | Invoice From Tax Registration Number | taken from 1st line for Header Level | 1000 |
| 347 | Invoice To Tax Registration Number | Invoice To Tax Registration Number | taken from 1st line for Header Level | 1000 |
| 348 | Third Party Delivery Ticket Number | Third Party Delivery Ticket Number | taken from 1st line for Header Level | 1000 |
| 349 | Endorsement | Endorsement | taken from 1st line for Header Level | 1000 |
| 350 | Input tax credit | Input tax credit | taken from 1st line for Header Level | 1000 |
| 351 | Payable tax on a reverse charge basis | Payable tax on a reverse charge basis | taken from 1st line for Header Level | 1000 |
| 352 | ISD number | ISD number | taken from 1st line for Header Level | 1000 |
| 353 | Advanced payment amount | Advanced payment amount | taken from 1st line for Header Level | 1000 |
| 354 | PartyNumber | PartyNumber | taken from 1st line for Header Level | 80 |
| 355 | PEC Email | PEC Email | taken from 1st line for Header Level | 1000 |
| 356 | NaturalPersonName | NaturalPersonName | taken from 1st line for Header Level | 1000 |
| 357 | NaturalPersonSurname | NaturalPersonSurname | taken from 1st line for Header Level | 1000 |
| 358 | Fiscal code natural person/RepresentativeIdentificationNumber | Representative Identification Number | taken from 1st line for Header Level | 1000 |
| 359 | SupplierOrderNumber | Supplier Order Number | taken from 1st line for Header Level | 1000 |
| 360 | RemitToName | Remit To Name | taken from 1st line for Header Level | 80 |
| 361 | RemitToStreet1 | Remit To Street1 | taken from 1st line for Header Level | 55 |
| 362 | RemitToStreet2 | Remit To Street2 | taken from 1st line for Header Level | 55 |
| 363 | RemitToCity | Remit To City | taken from 1st line for Header Level | 55 |
| 364 | RemitToState | Remit To State | taken from 1st line for Header Level | 55 |
| 365 | RemitToPostalCode | Remit To Postal Code | taken from 1st line for Header Level | 55 |
| 366 | RemitToCountry | Remit To Country | taken from 1st line for Header Level | 55 |
| 367 | AlternativeReference | Alternative Reference | taken from 1st line for Header Level | 1000 |
| 368 | CampaignName | Campaign Name | taken from 1st line for Header Level | 1000 |
| 369 | CampaignID | Campaign ID | taken from 1st line for Header Level | 1000 |
| 370 | MediaType | Media Type | taken from 1st line for Header Level | 1000 |
| 371 | InvoicePeriod | Invoice Period | taken from 1st line for Header Level | 1000 |
| 372 | AdvertiserName | Advertiser Name | taken from 1st line for Header Level | 1000 |
| 373 | AdvertiserBrand | Advertiser Brand | taken from 1st line for Header Level | 1000 |
| 374 | SupplierPANumber | Supplier Permanent Account Number | taken from 1st line for Header Level | 1000 |
| 375 | TypeOfSupply | Type of Supply | taken from 1st line for Header Level | 1000 |
| 376 | ChargeCode | Charge Code | taken from 1st line for Header Level | 1000 |
| 377 | PlaceOfSupply | Place of Supply | taken from 1st line for Header Level | 1000 |
| 378 | ReceiptID | Receipt ID | taken from 1st line for Header Level | 1000 |
| 379 | BatchRef | Batch Ref | taken from 1st line for Header Level | 1000 |
| 380 | ContractNumber | Contract number | taken from 1st line for Header Level | 1000 |
| 381 | AdditionalInfo | Additional Info | taken from 1st line for Header Level | 1000 |
| 382 | ProjectCode | Project code | taken from 1st line for Header Level | 1000 |
| 383 | ForeignCurrency | Foreign currency | taken from 1st line for Header Level | 1000 |
| 384 | CountryOfDestination | Country of Destination | taken from 1st line for Header Level | 1000 |
| 385 | Distance | Distance | taken from 1st line for Header Level | 1000 |
| 386 | InvoiceReferneceNumber | Invoice refernece number | taken from 1st line for Header Level | 1000 |
| 387 | ReceiptDate | Receipt date | taken from 1st line for Header Level |  |
| 388 | PayeeName | Payee Name | taken from 1st line for Header Level | 80 |
| 389 | BankDetails | Bank details | taken from 1st line for Header Level | 1000 |
| 390 | TermsOfPayment | Terms of Payment | taken from 1st line for Header Level | 1000 |
| 391 | TypeOfPayment | Type of Payment | taken from 1st line for Header Level | 1000 |

1. **Data Format**

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

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

1. **Derivations**

The CSV SINGLE LINE 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 (field 4) .



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

1. **Augmentations**

The CSV SINGLE LINE 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 Currency (field 88) (**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, for Line Item and Doiscount/Charges (**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 Unit Of Measure Code (field 103) (**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”. Please note that the **Discount** is taken only from the first record of the invoice, one Discount (as a separate line) will be outputted for the whole invoice. If discount needs to be shown in the different lines, it should be provided as **Discount Percent** **and Discount Amount** at Line Level(fields 319 “Discount Percent Line” and 320 “Discount Amount Line” )
   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. Please note that each **Charge** is taken only from the first record of the invoice, and will be outputted once for the whole invoice.
   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. Please note that **Rounding Line** is taken only from the first record of the invoice, and will be outputted once for the whole invoice.
   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 SINGLE LINE Master Map is **AAASINGLE\_LINE**.

The encoding set in the CSV SINGLE LINE 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 SINGLE LINE 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).