EDIFACT Master

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Table of Contents

1. Overview3
2. Structure of the EDIFACT3

2.1. Invoice 4

2.2.Levels4

2.3.Structure of Header level4

2.4.Structure of Line Level5

2.5.Structure of Summary Level5

1. Mapping Elements and Detailed Explanation6
2. Data Format16
3. Derivations 16
4. Augmentations19
5. Additional Logics, Failures and Notes20
6. Information from database22
7. Master Account23
8. **Overview** - This document describes the structure of EDIFACT file that should be used for EDIFACT Master map and all additional logics which will be applied for account which is using the EDIFACT Master Map
9. **Structure of the EDIFACT**

**EDIFACT example definition file:**

[****](file:///\\obexchange.com\CorpFiles\LDN\Workgroups\Map%20Team\Master%20Maps\EDIFACT\TEST_EDIFACT_Definition.edi)[\\obexchange.com\CorpFiles\LDN\Workgroups\Map Team\Master Maps\EDIFACT\TEST\_EDIFACT\_Definition.edi](file:///\\obexchange.com\CorpFiles\LDN\Workgroups\Map%20Team\Master%20Maps\EDIFACT\TEST_EDIFACT_Definition.edi)

**EDIFACT example EU file:**

[****](file:///\\obexchange.com\CorpFiles\LDN\Workgroups\Map%20Team\Master%20Maps\EDIFACT\TEST_EDIFACT_DE.edi)

**EDIFACT example US file:**

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**EDIFACT example Canada file:**

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**2.1. Invoice –** the EDIFACT Master Map is set to be able to accept 1 or multiple invoices per file (records for Header level, Line level and Summary level should appear as group in this order as many times as invoices are in the file).

**2.2. Levels**

Heading of the file – can be provided only once in the file or can be missing – contains 2 records UNA and UNB

Header Level – Begins with record UNH and end before record LIN

Line Level – Begins with record LIN and ends before record UNS – the number of occurrence of Line level records group corresponds to the number of Line Items included in the Invoice

Summary Level – Begins with UNS and ends with record UNT

Trailer of the file – can be provided only once in the file or can be missing – contains 1 records UNZ

**2.3. Structure of Header level**

All of the information on Header level is provided in fields, in record (described in the Structure Table below). If the Information is not mandatory the whole record can be skipped.

Most of the information is provided in records which can occur multiple times. The content of the records is recognized based on the qualifiers (described in Derivation section below).

The discount and special charge information should be provided in Charge/Discount record group (record ALC, record MOA+8, record TAX, record MOA+124).

The tax information for the Charges/Discount should be provided in tax information groups. The tax information on Line level is 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 tax information group should not be provided). For Canadian Suppliers where multiple taxes for 1 line is possible scenario, more than one tax information group can be provided. For the rest cases only one tax information group (record **TAX** and record **MOA+124**) should be provided.

**2.4. Structure of Line Level**

All of the information on Line Level is provided in fields, in record (described in the Structure Table below). If the Information is not mandatory the whole record can be skipped.

Most of the information is provided in records which can occur multiple times. The content of the records is recognized based on the qualifiers (described in Derivation section below).

The group for tax information (record TAX and record MOA+124) can be provided 0, 1 or many times for 1 Line.The tax information on Line level is 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 tax information group should not be provided). For Canadian Suppliers where multiple taxes for 1 line is possible scenario, more than one tax information group can be provided. For the rest cases only the one tax information group (**record TAX** and record **MOA+124**) should be provided.

**2.5. Structure of Summary Level**

All of the information on Summary level is provided is provided in fields, in record (described in the Structure Table below). If the Information is not mandatory the whole record can be skipped.

1. **Mapping Elements and Detailed Explanation**

|  |  |  |  |
| --- | --- | --- | --- |
| EDIFACT Structure | Element Name | Notes | max Length |
| UNA:+.? ' | record UNA -Heading of File | can be missing |  |
| UNB+++++++++++' | record UNB -Heading of File | can be missing |  |
| UNH+++++++' | record UNH - Start of Invoice | must be provided |  |
| BGM+InvoiceType+InvoiceNumber' |  |  |  |
| 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 |
| InvoiceNumber | Invoice Number |  | 35 |
| DTM+137:InvoiceDate' | Invoice Date | valid qualifier from Derivations.xlsx | 8 |
| DTM+131:TaxPointInvoiceDate' | Tax Point Date | valid qualifier from Derivations.xlsx | 8 |
| DTM+171:OriginalInvoiceDate' | Original Invoice Date | valid qualifier from Derivations.xlsx | 8 |
| DTM+ZZZ:OriginalDeliveryDate' | Original Delivery Date | valid qualifier from Derivations.xlsx | 8 |
| DTM+4:OrderDate' | Order Date | valid qualifier from Derivations.xlsx | 8 |
| DTM+35:DeliveryDate' | Delivery Date | valid qualifier from Derivations.xlsx | 8 |
| DTM+110:ShipDate' | Ship Date | valid qualifier from Derivations.xlsx | 8 |
| DTM+194:StartDate' | Start Date | valid qualifier from Derivations.xlsx | 8 |
| DTM+206:EndDate' | End Date | valid qualifier from Derivations.xlsx | 8 |
| DTM+13:PaymentDueByDate' | Payment Due By Date | valid qualifier from Derivations.xlsx | 8 |
| DTM+265:EarlyPaymentDate' | Early Payment Date | valid qualifier from Derivations.xlsx | 8 |
| DTM+148:CustomsDeclarationDate' | Customs Declaration Date | valid qualifier from Derivations.xlsx | 8 |
| DTM+50:Receipt date' | Receipt date | valid qualifier from Derivations.xlsx | 8 |
| FTX+ACB+++InvoiceDetail' | Invoice Detail | can repeat, valid qualifier from Derivations.xlsx | 1000 |
| FTX+AAB+++PaymentTerms' | Payment Terms | valid qualifier from Derivations.xlsx | 1000 |
| FTX+PMT+++PaymentMethod' | Payment Method | valid qualifier from Derivations.xlsx | 1000 |
| FTX+PAI+++FormOfPayment' | Form Of Payment | valid qualifier from Derivations.xlsx | 1000 |
| FTX+AAW+++Credit Reason' | Credit Reason | valid qualifier from Derivations.xlsx | 1000 |
| FTX+AAX+++License Number' | License Number | valid qualifier from Derivations.xlsx | 1000 |
| FTX+ABS+++NatureOfTax' | Nature Of Tax | valid qualifier from Derivations.xlsx | 1000 |
| FTX+ABK+++ChargeCategory' | Charge Category | valid qualifier from Derivations.xlsx | 1000 |
| FTX+WTI+++WithholdingTaxIndicator' | Withhold Tax Indicator | should be populated with "Yes" or "No", valid qualifier from Derivations.xlsx | 1000 |
| FTX+ARR+++ExpectedTimeOfArrival' | Expected Time Of Arrival | valid qualifier from Derivations.xlsx | 1000 |
| RFF+DQ:DeliveryNoteNumber' | Delivery Note Number | valid qualifier from Derivations.xlsx | 35 |
| RFF+ON:PONumber' | PO Number | valid qualifier from Derivations.xlsx | 35 |
| RFF+IV:OriginalInvoiceNumber' | Original Invoice Number | valid qualifier from Derivations.xlsx | 35 |
| RFF+AWE:BuyerCostCenter' | Buyer Cost Center | valid qualifier from Derivations.xlsx | 1000 |
| RFF+BM:BillOfLading' | Bill Of Lading | valid qualifier from Derivations.xlsx | 1000 |
| RFF+SRN:ShipmentNumber' | Shipment Number | valid qualifier from Derivations.xlsx | 1000 |
| RFF+BC:ContactNumber' | Contract ID | valid qualifier from Derivations.xlsx | 1000 |
| RFF+ARB:DUNSNumber' | Dun & Bradstreet Num. | valid qualifier from Derivations.xlsx | 1000 |
| RFF+AOL:WBS' | Work Breakdown Structure | valid qualifier from Derivations.xlsx | 1000 |
| RFF+ABT:CustomsDeclarationNumber' | Customs Declaration Number | valid qualifier from Derivations.xlsx | 1000 |
| RFF+ADE:AccountNumber' | Account Number | valid qualifier from Derivations.xlsx | 1000 |
| RFF+ASU:GLNumber' | GL Number | valid qualifier from Derivations.xlsx | 1000 |
| RFF+ACD:UtilityID' | Utility ID | valid qualifier from Derivations.xlsx | 1000 |
| RFF+CR:ESRCustomerRef' | ESR Customer Ref. | valid qualifier from Derivations.xlsx | 1000 |
| RFF+ESR:ESRCustomerNumber' | ESR Customer Num. | valid qualifier from Derivations.xlsx | 1000 |
| RFF+PQ:PaymentReference' | Payment Reference | valid qualifier from Derivations.xlsx | 1000 |
| RFF+ANK:ThirdPartyDeliveryTicketNumber' | Third Party Delivery Ticket Number | valid qualifier from Derivations.xlsx | 1000 |
| RFF+DTR:DeliveryTaxRegistrationNumber' | Delivery Tax Registration Number | valid qualifier from Derivations.xlsx | 1000 |
| RFF+END:Endorsement ' | Endoresement | valid qualifier from Derivations.xlsx | 1000 |
| RFF+ITC:InputTaxCredit | Input Tax Credit | valid qualifier from Derivations.xlsx | 1000 |
| RFF+PTRCB:PayableTaxOnReverseChargeBasis' | Payable tax on a reverse charge basis | valid qualifier from Derivations.xlsx | 1000 |
| RFF+ISDN:ISDnumber' | ISD number | valid qualifier from Derivations.xlsx | 1000 |
| RFF+APA:AdvancedPaymentAmountr' | Advanced Payment Amount | valid qualifier from Derivations.xlsx | 1000 |
| RFF+SN:SerialNumber' | Serial Number | valid qualifier from Derivations.xlsx | 1000 |
| RFF+BAT:BuyerAffiliate' | Buyer Affiliate | valid qualifier from Derivations.xlsx | 1000 |
| RFF+EN:ExportNumber' | Export Number | valid qualifier from Derivations.xlsx | 1000 |
| RFF+TNM:TicketNumber' | Ticket Number | valid qualifier from Derivations.xlsx | 1000 |
| RFF+TRM:TaxRegime' | Tax Regime | valid qualifier from Derivations.xlsx | 1000 |
| RFF+PEC:PECEmail' | PECEmail | valid qualifier from Derivations.xlsx | 1000 |
| RFF+NPN:NaturalPersonName' | NaturalPersonName | valid qualifier from Derivations.xlsx | 1000 |
| RFF+NPS:NaturalPersonSurname' | NaturalPersonSurname | valid qualifier from Derivations.xlsx | 1000 |
| RFF+EI: RepresentativeIdentificationNumber' | Fiscal code natural person /Representative Identification Number | valid qualifier from Derivations.xlsx | 1000 |
| RFF+VN:SupplierOrderNumber' | Supplier Order Number | valid qualifier from Derivations.xlsx | 1000 |
| RFF+AR:AlternativeReference' | Alternative Reference | valid qualifier from Derivations.xlsx | 1000 |
| RFF+CNM:CampaignName' | Campaign Name | valid qualifier from Derivations.xlsx | 1000 |
| RFF+CAID:CampaignID' | Campaign ID | valid qualifier from Derivations.xlsx | 1000 |
| RFF+MT:MediaType' | Media Type | valid qualifier from Derivations.xlsx | 1000 |
| RFF+IP:InvoicePeriod' | Invoice Period | valid qualifier from Derivations.xlsx | 1000 |
| RFF+ANM:AdvertiserName' | Advertiser Name | valid qualifier from Derivations.xlsx | 1000 |
| RFF+AB:AdvertiserBrand' | Advertiser Brand | valid qualifier from Derivations.xlsx | 1000 |
| RFF+PANM:Supplier Permanent Account Number' | Supplier Permanent Account Number | valid qualifier from Derivations.xlsx | 1000 |
| RFF+TOS:Type of Supply' | Type of Supply | valid qualifier from Derivations.xlsx | 1000 |
| RFF+CC:Charge Code' | Charge Code | valid qualifier from Derivations.xlsx | 1000 |
| RFF+PLOS:Place of Supply' | Place of Supply | valid qualifier from Derivations.xlsx | 1000 |
| RFF+RID: Receipt ID ' | Receipt ID | valid qualifier from Derivations.xlsx | 1000 |
| RFF+BT:Batch Ref' | Batch Ref | valid qualifier from Derivations.xlsx | 1000 |
| RFF+CT: Contract number ' | Contract number | valid qualifier from Derivations.xlsx | 1000 |
| RFF+AINF:Additional Info' | Additional Info | valid qualifier from Derivations.xlsx | 1000 |
| RFF+AEP: Project code ' | Project code | valid qualifier from Derivations.xlsx | 1000 |
| RFF+FC:Foreign currency' | Foreign currency | valid qualifier from Derivations.xlsx | 1000 |
| RFF+CDEST: Country of Destination ' | Country of Destination | valid qualifier from Derivations.xlsx | 1000 |
| RFF+DIST:Distance' | Distance | valid qualifier from Derivations.xlsx | 1000 |
| RFF+IRN:Invoice refernece number' | Invoice refernece number | valid qualifier from Derivations.xlsx | 1000 |
| RFF\*BRD\*Bar Code~ | Bar Code |  | unlim |
| TOD+++:::INCOTerms' | INCO Terms |  | 1000 |
| NAD+IV+BuyerID++InvoiceToName+InvoiceToStreet1:InvoiceToStreet2+InvoiceToCity+InvoiceToState+InvoiceToPostalCode+InvoiceToCountry' | Invoice To information | valid qualifier from Derivations.xlsx (IV) |  |
| BuyerID | BuyerID |  | 15 |
| InvoiceToName | Invoice To Name |  | 80 |
| InvoiceToStreet1 | Invoice To Street 1 |  | 55 |
| InvoiceToStreet2 | Invoice To Street 2 |  | 55 |
| InvoiceToCity | Invoice To City |  | 55 |
| InvoiceToState | Invoice To State |  | 55 |
| InvoiceToPostalCode | Invoice To Postal Code |  | 55 |
| InvoiceToCountry | Invoice To Country |  | 55 |
| CTA+AD+:BuyerContactName' | Main Buyer Contact Name | valid qualifier from Derivations.xlsx (AD) | 80 |
| COM+BuyerContactTel:TE' | Main Buyer Contact Tel | valid qualifier from Derivations.xlsx (TE) | 255 |
| COM+BuyerContactEmail:EM' | Main Buyer Contact Email | valid qualifier from Derivations.xlsx (EM) | 80 |
| RFF+VA:InvoiceToTaxRegNumber' | Invoice To Tax Reg. Number | valid qualifier from Derivations.xlsx (VA) | 1000 |
| RFF+IT:InvoiceToPartyNumber' | Invoice to party number |  |  |
| NAD+SU+SupplierID++InvoiceFromName+InvoiceFromStreet1:InvoiceFromStreet2+InvoiceFromCity+InvoiceFromState+InvoiceFromPostalCode+InvoiceFromCountry' | Invoice From Information | valid qualifier from Derivations.xlsx (SU) |  |
| InvoiceFromName | Invoice From Name | Invoice From Name and Address will be taken from Database | 80 |
| InvoiceFromStreet1 | Invoice From Street 1 | Invoice From Name and Address will be taken from Database | 55 |
| InvoiceFromStreet2 | Invoice From Street 2 | Invoice From Name and Address will be taken from Database | 55 |
| InvoiceFromCity | Invoice From City | Invoice From Name and Address will be taken from Database | 55 |
| InvoiceFromState | Invoice From State | Invoice From Name and Address will be taken from Database | 55 |
| InvoiceFromPostalCode | Invoice From Postal Code | Invoice From Name and Address will be taken from Database | 55 |
| InvoiceFromCountry | Invoice From Country | Invoice From Name and Address will be taken from Database | 55 |
| CTA+AD+:MainSupplierContactName' | Main Supplier Contact Name | valid qualifier from Derivations.xlsx (AD) | 80 |
| COM+MainSupplierContactTel:TE' | Main Supplier Contact Tel | valid qualifier from Derivations.xlsx (TE) | 255 |
| COM+MainSupplierContactEmail:EM' | Main Supplier Contact Email | valid qualifier from Derivations.xlsx (EM) | 80 |
| CTA+IC+:ContactNameForInvoiceQ' | Invoice Queries Contact Name | valid qualifier from Derivations.xlsx (IC) | 80 |
| COM+ContactTelForInvoiceQ:TE' | Invoice Queries Contact Tel | valid qualifier from Derivations.xlsx (TE) | 255 |
| COM+ContactEmailForInvoiceQ:EM' | Invoice Queries Contact Email | valid qualifier from Derivations.xlsx (EM) | 80 |
| RFF+VA:InvoiceFromTaxRegNumber' | Invoice From Tax Reg. Number | valid qualifier from Derivations.xlsx (VA) | 1000 |
| RFF+APH:SupplierQSTRegistrationNum:1' | Supplier QST Tax Reg. Num. | Canadian Suppliers, valid qualifier from Derivations.xlsx, second qualifier "1" | 1000 |
| RFF+APH:SupplierPSTRegistrationNum:2' | Supplier PST Tax Reg. Num. | Canadian Suppliers, valid qualifier from Derivations.xlsx, second qualifier "2" | 1000 |
| RFF+APH:SupplierGSTRegistrationNum:3' | Supplier GST Tax Reg. Num. | Canadian Suppliers, valid qualifier from Derivations.xlsx, second qualifier "3" | 1000 |
| RFF+APH:SupplierHSTRegistrationNum:4' | Supplier HST Tax Reg. Num. | Canadian Suppliers, valid qualifier from Derivations.xlsx, second qualifier "4" | 1000 |
| NAD+SR+++SupplierFiscalRepName+SupplierFiscalRepStreet1:SupplierFiscalRepStreet2+SupplierFiscalRepCity+SupplierFiscalRepState+SupplierFiscalRepPostalCode+SupplierFiscalRepCountry' | Supplier Fiscal Representative Information | valid qualifier from Derivations.xlsx (SR) |  |
| SupplierFiscalRepName | Supplier Fiscal Rep. Name |  | 80 |
| SupplierFiscalRepStreet1 | Supplier Fiscal Rep. Street 1 |  | 55 |
| SupplierFiscalRepStreet2 | Supplier Fiscal Rep. Street 2 |  | 55 |
| SupplierFiscalRepCity | Supplier Fiscal Rep. City |  | 55 |
| SupplierFiscalRepState | Supplier Fiscal Rep. State |  | 55 |
| SupplierFiscalRepPostalCode | Supplier Fiscal Rep. Postal Code |  | 55 |
| SupplierFiscalRepCountry | Supplier Fiscal Rep. Country |  | 55 |
| RFF+VA:SupplierFiscalRepTaxRegNumber' | Supplier Fiscal Rep. Tax Reg. Number | valid qualifier from Derivations.xlsx (VA) | 1000 |
| NAD+DP+++ShipToName+ShipToStreet1:ShipToStreet2+ShipToCity+ShipToState+ShipToPostalCode+ShipToCountry' | Ship To Information | valid qualifier from Derivations.xlsx (DP) |  |
| ShipToName | Ship To Name |  | 80 |
| ShipToStreet1 | Ship To Street 1 |  | 55 |
| ShipToStreet2 | Ship To Street 2 |  | 55 |
| ShipToCity | Ship To City |  | 55 |
| ShipToState | Ship To State |  | 55 |
| ShipToPostalCode | Ship To Postal Code |  | 55 |
| ShipToCountry | Ship To Country |  | 55 |
| RFF+VA:ShipToTaxRegNumber' | Ship To Tax Reg. Number | valid qualifier from Derivations.xlsx (VA) | 1000 |
| NAD+SF+++ShipFromName+ShipFromStreet1:ShipFromStreet2+ShipFromCity+ShipFromState+ShipFromPostalCode+ShipFromCountry' | Ship From Information | valid qualifier from Derivations.xlsx (SF) |  |
| ShipFromName | Ship From Name |  | 80 |
| ShipFromStreet1 | Ship From Street 1 |  | 55 |
| ShipFromStreet2 | Ship From Street 2 |  | 55 |
| ShipFromCity | Ship From City |  | 55 |
| ShipFromState | Ship From State |  | 55 |
| ShipFromPostalCode | Ship From Postal Code |  | 55 |
| ShipFromCountry | Ship From Country |  | 55 |
| RFF+VA:ShipFromTaxRegNumber' | Ship From Tax Reg. Number | valid qualifier from Derivations.xlsx (VA) | 1000 |
| NAD+OB+++OrderedByName+OrderedByStreet1:OrderedByStreet2+OrderedByCity+OrderedByState+OrderedByPostalCode+OrderedByCountry' | Ordered By Information | valid qualifier from Derivations.xlsx (OB) |  |
| OrderedByName | Ordered By Name |  | 80 |
| OrderedByStreet1 | Ordered By Street1 |  | 55 |
| OrderedByStreet2 | Ordered By Street2 |  | 55 |
| OrderedByCity | Ordered By City |  | 55 |
| OrderedByState | Ordered By State |  | 55 |
| OrderedByPostalCode | Ordered By Postal Code |  | 55 |
| OrderedByCountry | Ordered By Country |  | 55 |
| NAD+RE+++RemitToName+RemitToStreet1: RemitToStreet2+RemitToCity+RemitToState+RemitToPostalCode+RemitToCountry' | Remit To Information |  |  |
| 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 PostalCode |  | 55 |
| RemitToCountry | Remit To Country |  | 55 |
| CUX+:Currency+:Local Currency+ExchangeRate' | currency Information |  |  |
| Currency | Currency | valid code from CurrencyCodeList (augmentations) | 5 |
| LocalCurrency | Local Currency |  | 1000 |
| ExchangeRate | Exchange Rate |  | 1000 |
| FII++BankAccountNumber:BankAccountName:IBAN+SWIFT:::BankSortCode:::BankName:BankAddress' | bank Information |  |  |
| BankAccountNumber | Bank Account Number |  | 100 |
| BankAccountName | Bank Account Name |  | 100 |
| IBAN | IBAN |  | 100 |
| SWIFT | SWIFT |  | 100 |
| BankSortCode | Bank Sort Code |  | 100 |
| BankName | Bank Name |  | 100 |
| BankAddress | Bank Address |  | 100 |
| PAT++Payee Name:Bank details:Terms of Payment:Type of Payment+:::NetPaymentDays' | Payment Info |  |  |
| Payee Name | Payee Name |  | 80 |
| Bank details | Bank details |  | 1000 |
| Terms of Payment | Terms of Payment |  | 1000 |
| Type of Payment | Type of Payment |  | 1000 |
| NetPaymentDays | Net Payment Days |  | 1000 |
| PAC+NumberOfPacks' | Number Of Packages |  | 1000 |
| LOC+91+:::PlaceOfIssue' | Place Of Issue | valid qualifier from Derivations.xlsx | 1000 |
| LOC+9+:::PortOfLoading' | Port Of Loading | valid qualifier from Derivations.xlsx | 1000 |
| LOC+11+:::PortOfDischarge' | Port Of Discharge | valid qualifier from Derivations.xlsx | 1000 |
| LOC+42+:::CustomsOffice' | Customs Office | valid qualifier from Derivations.xlsx | 1000 |
| MEA++ABS+:Weight' | Weight | valid qualifier from Derivations.xlsx (ABS) | 1000 |
| MEA++AAF+:NetWeight' | Net Weight | valid qualifier from Derivations.xlsx (AAF) | 1000 |
| MEA++AAE+:GrossWeight' | Gross Weight | valid qualifier from Derivations.xlsx (AAE) | 1000 |
| TDT+++:Mode Of Transport' | Mode Of Transport |  | 1000 |
| ALC++Special Charge:+++:::SpecialChargeDescription' | Charge Information | can repeat as a group |  |
| Special Charge | ChargeIndicator | valid code from ChargeIndicatorCodeList | 40 |
| SpecialChargeDescription | Special Charge Description |  | 1000 |
| MOA+8:SpecialChargeAmount' | Special Charge Amount | valid code from Derivations.xlsx (8) | 35 |
| TAX+++++:::TaxRate+TaxCategoryCode' | Tax Information for Special Charge | can repeat as a group |  |
| TaxRate | Tax Rate For Special Charge |  | 35 |
| TaxCategory | Tax Category Code for Special Charge | valid code from TaxCategoryCodeList (augmentations) | 10 |
| MOA+124:TaxAmountForCharge' | Tax Amount 1 For Special Charge | valid code from Derivations.xlsx (124) | 35 |
| ALC++Discount:+++:::DiscountDescription' | Discount Information | can repeat as a group |  |
| Discount | ChargeIndicator | valid code from ChargeIndicatorCodeList | 40 |
| DiscountDescription | Discount Description |  | 1000 |
| MOA+8:DiscountAmount' | Discount Amount | valid code from Derivations.xlsx (8) | 35 |
| TAX+++++:::TaxRate+TaxCategoryCode' | Tax Information for Discount | can repeat as a group |  |
| TaxRate | Tax Rate For Discount |  | 35 |
| TaxCategory | Tax Category Code for Discount | valid code from TaxCategoryCodeList (augmentations) | 10 |
| MOA+124:TaxAmountForDiscount' | Tax Amount For Discount | valid code from Derivations.xlsx (124) | 35 |
| LIN+POlineNumber' | Start of Line; PO Line number |  | 255 |
| PIA++BuyerPartNumber:BP' | Buyer Part Number | valid code from Derivations.xlsx (BP) | 35 |
| PIA++SupplierPartNumber:VP' | Supplier Part Number | valid code from Derivations.xlsx (VP) | 35 |
| PIA++CommodityCode:CC' | Commodity Code | valid code from Derivations.xlsx (CC) | 35 |
| PIA++ManufacturerPartNumber:MF' | Manufacturer Part Number | valid code from Derivations.xlsx (MF) | 35 |
| IMD+++:::SupplierPartDescription' | Supplier Part Description |  | 1000 |
| DTM+35:DeliveryDate' | Delivery Date | valid code from Derivations.xlsx | 8 |
| DTM+4:OrderDate' | Order Date | valid code from Derivations.xlsx | 8 |
| DTM+194:StartDate' | Start Date | valid code from Derivations.xlsx | 8 |
| DTM+206:EndDate' | End Date | valid code from Derivations.xlsx | 8 |
| DTM+94:ManufactureDate' | Date of Manufacture | valid code from Derivations.xlsx | 8 |
| DTM+36:ExpiryDate' | Expiry Date | valid code from Derivations.xlsx | 8 |
| DTM+64:DeliveryStartDate’ | Delivery Start Date | valid code from Derivations.xlsx | 8 |
| DTM+63: Delivery End Date' | Delivery End Date | valid code from Derivations.xlsx | 8 |
| FTX+ACB+++LineDetail' | Line Detail | valid code from Derivations.xlsx | 1000 |
| FTX+ABS+++NatureOfTax' | Nature Of Tax | valid code from Derivations.xlsx | 1000 |
| FTX+TXD+++TaxDescriptor' | Tax Descriptor | valid code from Derivations.xlsx | 1000 |
| FTX+BTQ+++BatchQuantity' | Batch Quantity | valid code from Derivations.xlsx | 1000 |
| FTX+GSI+++GoodsOrServicesIndicator' | Goods or Service Indicator | should be populated with "01" (for undefined), "02" (for Product) or "03" ( for Service); valid code from Derivations.xlsx (GSI) | 10 |
| FTX+MTH+++Month' | Month | valid code from Derivations.xlsx | 1000 |
| FTX+WEE+++Week' | Week | valid code from Derivations.xlsx | 1000 |
| FTX+HRS+++Hours' | Hours | valid code from Derivations.xlsx | 1000 |
| FTX+NAM+++Name' | Name | valid code from Derivations.xlsx | 1000 |
| FTX+AGW+++Location' | Location Code | valid code from Derivations.xlsx | 1000 |
| RFF+ON:PONumber' | PO Number | valid code from Derivations.xlsx | 1000 |
| RFF+DQ:DeliveryNoteNumber' | Delivery Note Number | valid code from Derivations.xlsx | 1000 |
| RFF+AWE:BuyerCostCenter' | Buyer Cost Center | valid code from Derivations.xlsx | 1000 |
| RFF+BM:BillOfLading' | Bill Of Lading | valid code from Derivations.xlsx | 1000 |
| RFF+ASU:GLNumber' | GL Number | valid code from Derivations.xlsx | 1000 |
| RFF+WY:RailTruckNumber' | Rail Truck Number | valid code from Derivations.xlsx | 1000 |
| RFF+BT:BatchNumber' | Batch Number | valid code from Derivations.xlsx | 1000 |
| RFF+DA:ApproverCode' | Approver Code | valid code from Derivations.xlsx | 1000 |
| RFF+SRN:ShipmentNumber' | Shipment Number | valid qualifier from Derivations.xlsx | 1000 |
| RFF+SN:SerialNumber' | Serial Number | valid qualifier from Derivations.xlsx | 1000 |
| RFF+BN: BookingReference' | Booking Reference | valid qualifier from Derivations.xlsx | 1000 |
| RFF+VATM:VAT Maturities’ | VAT Maturities | valid qualifier from Derivations.xlsx | 1000 |
| MEA++ABS+:Weight' | Weight | valid code from Derivations.xlsx (ABS) | 1000 |
| MEA++AAF+:NetWeight' | Net Weight | valid code from Derivations.xlsx (AAF) | 1000 |
| MEA++AAE+:GrossWeight' | Gross Weight | valid code from Derivations.xlsx (AAE) | 1000 |
| LOC+27+:::CountryOfOrigin' | Country Of Origin | valid code from Derivations.xlsx | 1000 |
| QTY+:Quantity:UnitOfMeasure' |  |  |  |
| Quantity | Quantity |  | 35 |
| UnitOfMeasure | Unit Of Measure Code | valid code from UnitOfMeasureCodeList (augmentations) | 10 |
| PRI+:UnitPrice' | Unit Price |  | 35 |
| MOA+203:LineNetAmount' | Line Net Amount | valid code from Derivations.xlsx (203) | 35 |
| PCD+12:DiscountPercent' | Discount Percent | valid code from Derivations.xlsx (12) | 35 |
| MOA+52:DiscountAmount' | Discount Amount | valid code from Derivations.xlsx (52) | 35 |
| TAX+++++:::TaxRate+TaxCategoryCode' | Tax Information | can repeat as a group |  |
| TaxRate | Tax Rate |  | 35 |
| TaxCategory | Tax Category Code | valid code from TaxCategoryCodeList (augmentations) | 10 |
| MOA+124:LineTaxAmount' | Line Tax Amount |  | 35 |
| UNS+S' | Start Of Summary Level |  |  |
| CNT+' | notused | can be missing |  |
| MOA+9:InvoiceGrossAmount' | Invoice Gross Amount | valid code from Derivations.xlsx (9) | 35 |
| MOA+79:InvoiceNetAmount' | Invoice Net Amount | valid code from Derivations.xlsx (203) | 35 |
| MOA+124:InvoiceTaxAmount' | Invoice Tax Amount | valid code from Derivations.xlsx (124) | 35 |
| TAX++++++++' | notused | can be missing |  |
| MOA+261:Local Currency Net' | Local Currency Net Amount | valid code from Derivations.xlsx (261) | 1000 |
| MOA+36:Local Currency Tax' | Local Currency Tax Amount | valid code from Derivations.xlsx (36) | 1000 |
| MOA+169:Local Currency Gross' | Local Currency Gross Amount | valid code from Derivations.xlsx (169) | 1000 |
| UNT++' | end of summary level |  |  |
| UNZ++' | End of File |  |  |
|  |  |  |  |

1. **Data Format**

The **date format** for all dates provided in theEDIFACT file should be **yyyyMMdd**

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

1. **Derivations**

The EDIFACT Master Map is using standard codes for recognizing the Invoice Type, Type of Charges and other information based on qualifiers.

**5.1 InvoiceTypeCodeList**

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

**5.2 ChargeIndicatorCodeList**

Only valid codes from column “Code from file”, in ChargeIndicatorCodeList (Derivations.xlsx) should be used in field ChargeIndicator,

in ALC, on Header level.

**5.3 HeaderDTMQualifierList**

Only valid codes from column “Qualifier from file”, in HeaderDTMQualifierList (Derivations.xlsx) should be used in field 01 - Qualifier,

in DTM, on Header level.

**5.4 HeaderFTXQualifierList**

Only valid codes from column “Qualifier from file”, in HeaderFTXQualifierList (Derivations.xlsx) should be used in field 01 - Qualifier,

in FTX, on Header level.

**5.5 HeaderRFFQualifierList**

Only valid codes from column “Qualifier from file”, in HeaderRFFQualifierList (Derivations.xlsx) should be used in field 01 - Qualifier,

in RFF, on Header level.

**5.6 HeaderNADQualifierList**

Only valid codes from column “Qualifier from file”, in HeaderNADQualifierList (Derivations.xlsx) should be used in field 01 - Qualifier,

in NAD, on Header level

**5.7 HeaderCTAQualifierList**

Only valid codes from column “Qualifier from file”, in HeaderCTAQualifierList (Derivations.xlsx) should be used in field 01 - Qualifier,

in CTA, on Header level

**5.8 HeaderCOMQualifierList**

Only valid codes from column “Qualifier from file”, in HeaderCOMQualifierList (Derivations.xlsx) should be used in field 02 - Qualifier,

in COM, on Header level

**5.9 HeaderLOCQualifierList**

Only valid codes from column “Qualifier from file”, in HeaderLOCQualifierList (Derivations.xlsx) should be used in field 01 - Qualifier,

in LOC, on Header level

**5.10 HeaderMEAQualifierList**

Only valid codes from column “Qualifier from file”, in HeaderMEAQualifierList (Derivations.xlsx) should be used in field 02 - Qualifier,

in MEA, on Header level

**5.11 HeaderMOAQualifierList**

Only valid codes from column “Qualifier from file”, in HeaderMOAQualifierList (Derivations.xlsx) should be used in field 01 - Qualifier,

in MOA, on Header level

**5.12 LinePIAQualifierList**

Only valid codes from column “Qualifier from file”, in HeaderPIAQualifierList (Derivations.xlsx) should be used in field 03 - Qualifier,

in PIA, on Line level

**5.13 LineDTMQualifierList**

Only valid codes from column “Qualifier from file”, in LineDTMQualifierList (Derivations.xlsx) should be used in field 01 - Qualifier,

in DTM, on Line level.

**5.14 LineFTXQualifierList**

Only valid codes from column “Qualifier from file”, in LineFTXQualifierList (Derivations.xlsx) should be used in field 01 - Qualifier,

in FTX, on Line level.

**5.15 LineRFFQualifierList**

Only valid codes from column “Qualifier from file”, in LineRFFQualifierList (Derivations.xlsx) should be used in field 01 - Qualifier,

in RFF, on Line level.

**5.16 LineMEAQualifierList**

Only valid codes from column “Qualifier from file”, in LineMEAQualifierList (Derivations.xlsx) should be used in field 02 - Qualifier,

in MEA, on Line level

**5.17 LineMOAQualifierList**

Only valid codes from column “Qualifier from file”, in LineMOAQualifierList (Derivations.xlsx) should be used in field 01 - Qualifier,

in MOA, on Line level

**5.18 LinePCDQualifierList**

Only valid codes from column “Qualifier from file”, in LinePCDQualifierList (Derivations.xlsx) should be used in field 01 - Qualifier,

in PCD, on Line level

**5.18 SummaryMOAQualifierList**

Only valid codes from column “Qualifier from file”, in SummaryMOAQualifierList (Derivations.xlsx) should be used in field 01 - Qualifier,

in MOA, on Summary level



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

If the fields listed above are not populated with valid code from the corresponding table, the information from them won’t be considered and may cause Invoice failure.

1. **Augmentations**

The EDIFACT 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 on Header Level (record CUX) (**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 Header 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 Unit Of Measure Code, on Line Level (record QTY) (**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 charge indicator code.
   13. For the **Rounding Line**– **Unit of measure** will be output as EA, **Line Net Amount** may be negative or positive, **Unit Price** will be copied from **Line Net Amount** and output as positive amount, **Quantity** will be output as “1”-when **Line Net Amount** and **Invoice Gross Amount** have the same signs; **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 charge indicator code.
   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)

**Supplier Company Registration Number**

**Place Of Reguistration and date of Registration**

**Supplier Type of Company**

**Permit Number**

**Permit Date**

**Profession or Activity**

**Share Capital**

**Late Payment Penalty**

**Early Payment Discount**

**Managing Directors**

**Chairman**

**Liquidator Name**

**Liable Company**

**Vendor Code**

**BuyerTax Registration number**

**Buyer Fiscal Rep. Name, Address and VAT number**

**Invoice From Name and Address**