

ETDA Recommendation on ICT Standard  
for Electronic Transactions

**ETDA Rec. 3-2560**

**TRADE SERVICES MESSAGE STANDARD**

Version 2.0

Electronic Transactions Development Agency  
Ministry of Digital Economy and Society

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## TRADE SERVICES MESSAGE STANDARD

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### Electronic Transactions Development Agency

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A recommendation on information and communication technology (ICT) standards for electronic transactions dealing with electronic messages for the trading of products and services was first promulgated as ETDA Recommendation for ICT Standards for Electronic Transactions No. ETDA 3-2558 (2015). Subsequently, it was deemed appropriate to revise and improve the data structure of electronic messages for the trading of products and services to support electronic transactions in both the state and private sectors so as to be able to link electronic information related to the trading of products and services more efficiently and comprehensively. Therefore, this revision revokes the former standard and specifies this new standard to be in line with international standards with reference to the following documents.

1. UN/CEFACT Business Requirements Specification Cross Industry Invoicing Process-  
Version: 2.00.05 Release: 2, TBG approval: 12-Nov-2008. Available from:  
[http://www.unece.org/fileadmin/DAM/cefact/brs/BRS\\_CrossIndustryInvoice\\_v2.0.5.pdf](http://www.unece.org/fileadmin/DAM/cefact/brs/BRS_CrossIndustryInvoice_v2.0.5.pdf)
2. UN/CEFACT Requirements Specification Mapping Cross Industry Invoicing Process-  
Version: 3.0 Release: 1, Last Modified Date 7 Nov 2014. Available from:  
[http://www.unece.org/fileadmin/DAM/cefact/rsm/RSM\\_CrossIndustryInvoice\\_v3.0.1.zip](http://www.unece.org/fileadmin/DAM/cefact/rsm/RSM_CrossIndustryInvoice_v3.0.1.zip)
3. ISO 20022 Trade Services initiation - Maintenance 2010, Message Definition Report,  
Edition November 2010. Available from:  
[http://www.iso20022.org/trade\\_services\\_messages.page](http://www.iso20022.org/trade_services_messages.page)
4. GS1 Business Message Profile UN/CEFACT Cross Industry Invoice- Maintenance 2012,  
Business Message Profile, Edition May 2012. Available from: <http://www.gs1.org/gs1-uncefact-xml-profiles/gs1-un-cefact-xml-cross-industry-invoice/2012>
5. The 1938 Revenue Code

Public hearings were completed and consideration was given to information, observations and options from experts and related agencies to make this Recommendation on Standard more comprehensive and complete, as well as more efficiently applicable in practice.

This Recommendation for ICT Standard for Electronic Transactions dealing with Electronic Messages for the Trading of Products and Services was prepared by the Electronic Transactions Development Agency (Public Organization), Ministry of Digital Economy and Society, in collaboration with the Revenue Department.

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## Foreword

According to the ETDA Recommendation for ICT Standard for Electronic Transactions dealing with Electronic Messages for the Trading of Products and Services No. ETDA 3-2558 (2015) promulgated on August 25, 2015, it appears that the Cross Industry Invoice (CII) international standard has been updated to Version 3.

The working group therefore prepared a draft recommendation on the preparation or conversion of documents and text into electronic data form. The Electronic Transactions Development Agency (Public Organization), in collaboration with the Revenue Department, the Customs Department and experts from the private sector, considers it appropriate to revise and improve the structure of the text in a new ETDA Recommendation for ICT Standard for Electronic Transactions dealing with Electronic Messages for the Trading of Products and Services so as to be in line with the aforementioned international standards, and to support electronic transactions in both the state and private sectors to better comply with the needs of businesses. This new Recommendation supports electronic transactions involving electronic invoices, receipts and tax invoices, including tax invoices under Section 86/4 of the Revenue Code, abbreviated tax invoices under Section 86/6 of the Revenue Code, debit notes under Section 86/9 of the Revenue Code, credit notes under Section 86/10 of the Revenue Code, and receipts under Section 105 bis of the Revenue Code to promote and develop electronic payment transactions in Thailand and the preparation of electronic documents in accordance with the Electronic Transactions Act B.E. 2544 (2001) and its Amendment (No. 2) B.E. 2551 (2008). This Recommendation explains the practical guidelines and requirements for preparing electronic invoices, receipts and tax invoices so that relevant persons, in both the state and private sectors, are able to use them in practice in an efficient manner in line with international standards.

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# ETDA Recommendation on ICT Standard for Electronic Transactions

## TRADE SERVICES MESSAGE STANDARD

### 1. Scope

Currently, electronic data is used in electronic transactions related to trade in products and services between counterparties in both the state and private sectors, in particular, the steps in issuing invoices, receipts and tax invoices, are all important in the trading of products and services. There is not yet, however, an electronic data standard designed to support such procedures which can link electronic data with other types of electronic data standards, such as electronic data for electronic payment messages (the National Payment Message Standard or NPMS) or electronic data for electronic tax invoices of the Revenue Department.

Therefore, this Standard is intended to specify standards, establish guidelines and explain the preparation of electronic information related to invoices, receipts and tax invoices to support those involved in electronic transactions, for use as a standard for determining electronic data that can efficiently link the electronic data of invoices, receipts and tax invoices with other types of electronic data standards in line with international standards and the Revenue Code.

This standard includes the structure and regulations of the application of electronic data as follows:

- 1.1 e-Invoices
- 1.2 e-Receipts
- 1.3 e-Tax Invoices
- 1.4 Electronic Debit/Credit Notes
- 1.5 Abbreviated e-Tax Invoices
- 1.6 Electronic Cancellation Notes

e-invoices and e-receipts can be used in the case of issuing invoices between contracting parties, whether it is trade in products or the provision of services. In terms of the steps in issuing tax invoices, sellers who are VAT-registered entrepreneurs can use e-tax invoices, electronic debit/credit notes, and abbreviated e-tax invoices in the process of issuing tax invoices under the Revenue Code and regulations prescribed by the Revenue Department.



## 2. Definitions

The meaning of the terms used in this Standard are as follows:

- 2.1 "Seller" means a person or juristic person who sells products or provides services who intends to produce invoices, receipts, tax invoices, debit/credit notes or abbreviated tax invoices in the form of electronic data.
- 2.2 "Buyer" means a person or juristic person who accepts the transfer or delivery of products or receives services from the seller.
- 2.3 "e-Invoice" means an invoice in the form of electronic data.
- 2.4 "e-Receipt" means a receipt under Section 105 bis of the Revenue Code in the form of electronic data.
- 2.5 "e-Tax Invoice" means a tax invoice under Section 86/4 of the Revenue Code in the form of electronic data.
- 2.6 "Abbreviated e-Tax Invoice" means an abbreviated tax invoice under Section 86/6 of the Revenue Code in the form of electronic data.
- 2.7 "Electronic Debit/Credit Note" means a debit note under Section 86/9 and a credit note under Section 86/10 of the Revenue Code in the form of electronic data.

## 3. Use of messages for the purchase or sale of products or services

In the trading of products and services, generally when a seller receives an order for products or services from a buyer, the seller will proceed to deliver the products or allow the use of services as agreed. The seller issues an invoice, known as "billing," to the buyer to declare the amount of debt due. Once the buyer receives the invoice and checks its accuracy, the buyer will proceed to pay the seller for the products or services. But if the buyer sees that the products delivered are incorrect or incomplete or if the details in the invoice are not as agreed, the buyer will send a notification of dispute to the seller to request that a new invoice be issued and if there is a need for compensation for the value of the products because the quantity of products was incorrect or there was loss during delivery, the seller will issue a debit note/credit note to compensate the buyer for the value of the products. When agreement can be reached or compensation is accepted, the dispute ends in an orderly way. The buyer will then proceed with the payment. This process of issuing invoices between sellers and buyers can be summarized in detail according to the activity chart of the invoice issuing process in Figure 1 below.

Figure 1 Activity chart of the invoice issuing process

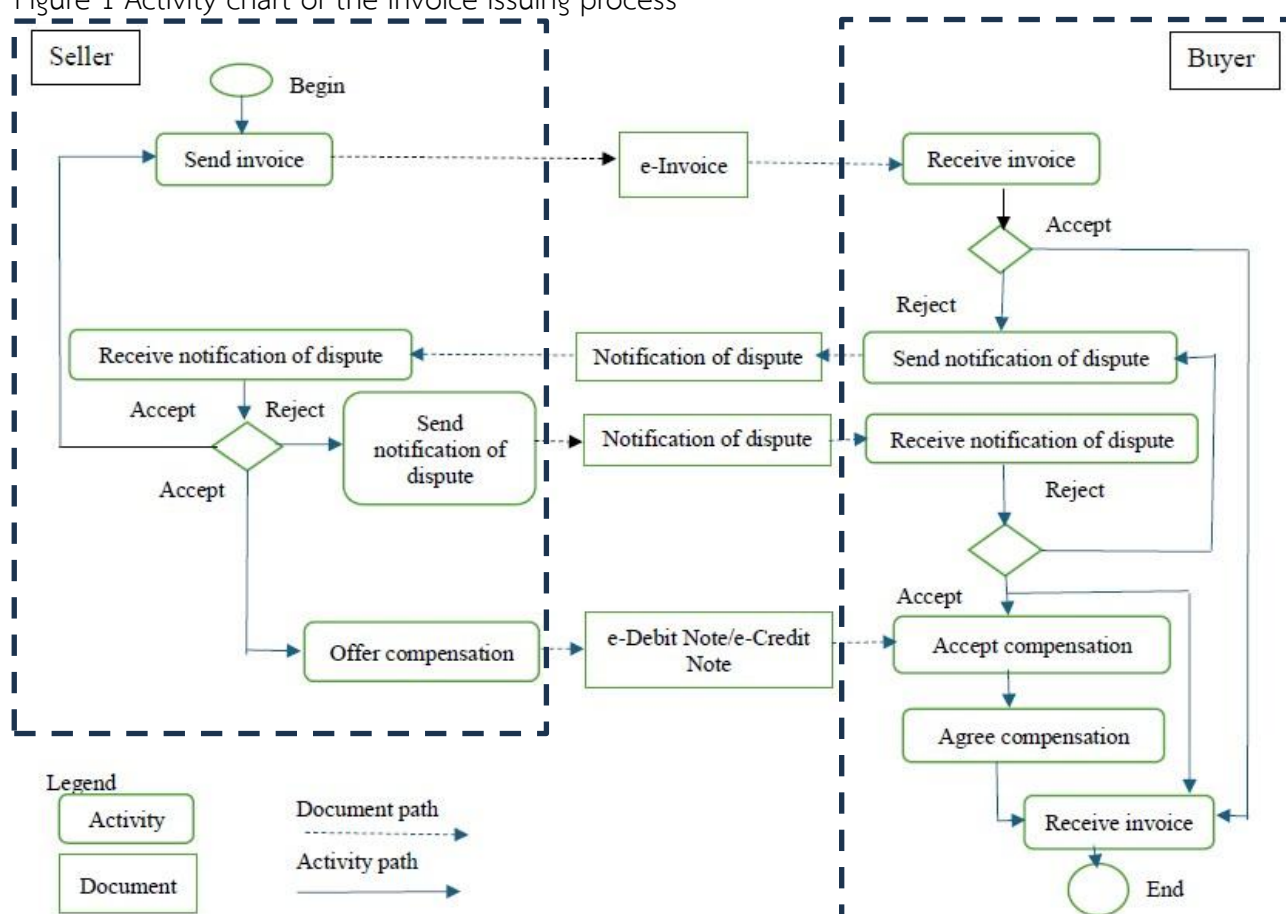


Figure 1 Activity chart of the invoice issuing process

However, the above is only one example of the process of issuing invoices, as invoices can be issued in many other cases:

Case 1. Issuing invoices before delivery of products or services

In this case, the seller has arranged for the delivery of products or services as ordered or requested by the buyer and an invoice is issued to the buyer before the products or services are actually delivered in order to be used for customs formalities. This type of invoice is used for import/export of products (pro-forma invoice).

Case 2. Issuing invoices after delivery of products or services

In this case, the invoice is prepared after the seller has delivered the products or services. This is the most common case and is generally used in direct trading.

Case 3. Issuing invoices at the same time as the products are received or the services are requested

In this case, invoices are prepared according to the details of the products that the buyer has received or according to the details of the services provided. The seller will issue an invoice at the same time as the delivery of the products to the buyer. This case is found in the retail business.

Case 4. Issuing invoices when products or services are used as agreed

In this case, the seller and the buyer have a pre-sale agreement and the seller delivers the products to the buyer's warehouse. The seller will then issue an invoice to the buyer when the buyer takes the products out of the warehouse for use. Similarly for services, the seller will issue an invoice after the service is used, according to the prior agreement, as, for example, with mobile phone services, etc.

After the invoice is issued and after the buyer has successfully paid, the seller will issue a receipt to the buyer as evidence of receiving payment of the debt.

For sellers who are VAT registered entrepreneurs, a tax invoice is prepared according to the Revenue Code and the regulations of the Revenue Department. A tax invoice can also be used as an invoice or receipt. A tax invoice issued by the seller will be specified as issued according to the VAT tax point in all 3 following cases:

- 1) The seller issues a tax invoice when products are delivered or services are used.
- 2) The seller issues a tax invoice when payment is received.
- 3) The seller issues a tax invoice in advance (before the products are delivered or the service used).

Therefore, in order for sellers and buyers to be able to use electronic messages for the purchase and sale of products and services as mentioned above, this Standard defines five data formats.

**Format 1** An **e-Invoice** is electronic data with a data structure in line with the data on general invoices. It can be used in all cases of the issuance of invoices (Cases 1-4).

**Format 2** An **e- Receipt** is electronic data with a data structure in line with the data on general invoices and with the data field as stipulated in Section 105 bis of the Revenue Code which the seller sends to the buyer as evidence showing the receipt, the receipt of deposit or the receipt of payment of money or a bill, or as evidence showing that the debt or claim has been paid or discharged.

**Format 3** An **e-Tax Invoice** is electronic data with a data structure in line with the data in a tax invoice under Section 86/4 of the Revenue Code. It can be used in place of invoices and receipts and can be used in all cases of the issuance of tax invoices (Cases 1-3).

**Format 4 Electronic debit notes/credit notes** are electronic data with a data structure in line with the data in debit notes and credit notes under Sections 86/9 and 86/10 of the Revenue Code. They are used in cases where compensation for value added is needed between the seller and buyer.

**Format 5 An Abbreviated e-Tax Invoice is** electronic data with a data structure in line with the data in an abbreviated tax invoice under Section 86/6 of the Revenue Code. It is used in cases where the seller issues an abbreviated tax invoice to the buyer. (An abbreviated tax invoice will not have detailed information of the buyer.)

This Standard does not cover electronic information about disputes (as detailed in Figure 1) and electronic information related to the cancellation of relevant documents.

**The use of the 5 data formats above is as follows:**

**Format 1 e-Invoices** and **Format 2 e-Receipts** can be used in issuing invoices in all 4 cases according to the details in Figure 2.

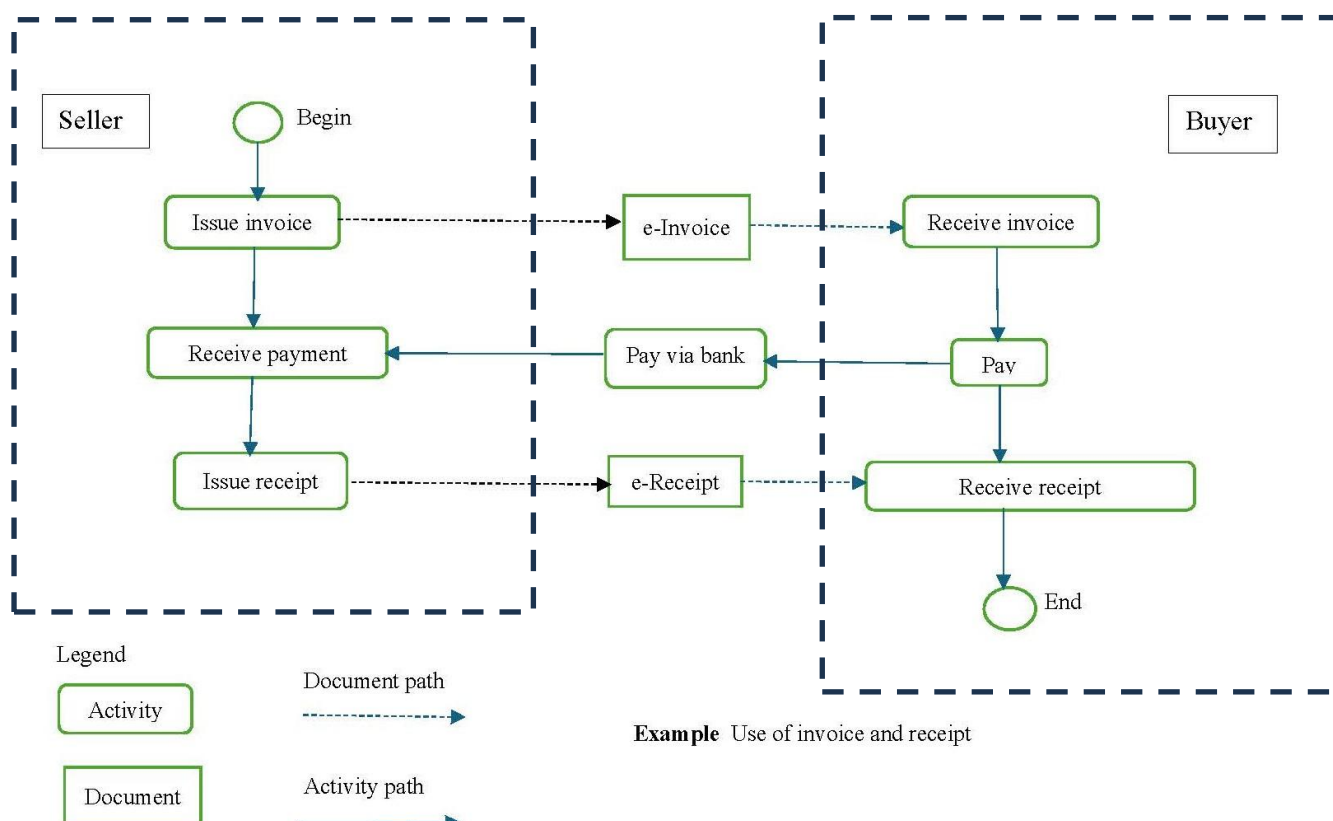


Figure 2 Example of the Use of e-Invoices and e-Receipts

**Format 3** An **e-Tax Invoice** can be used as an invoice for buying and selling products according to the details in Figure 3 and as a receipt in the case of providing services according to the details in Figure 4.

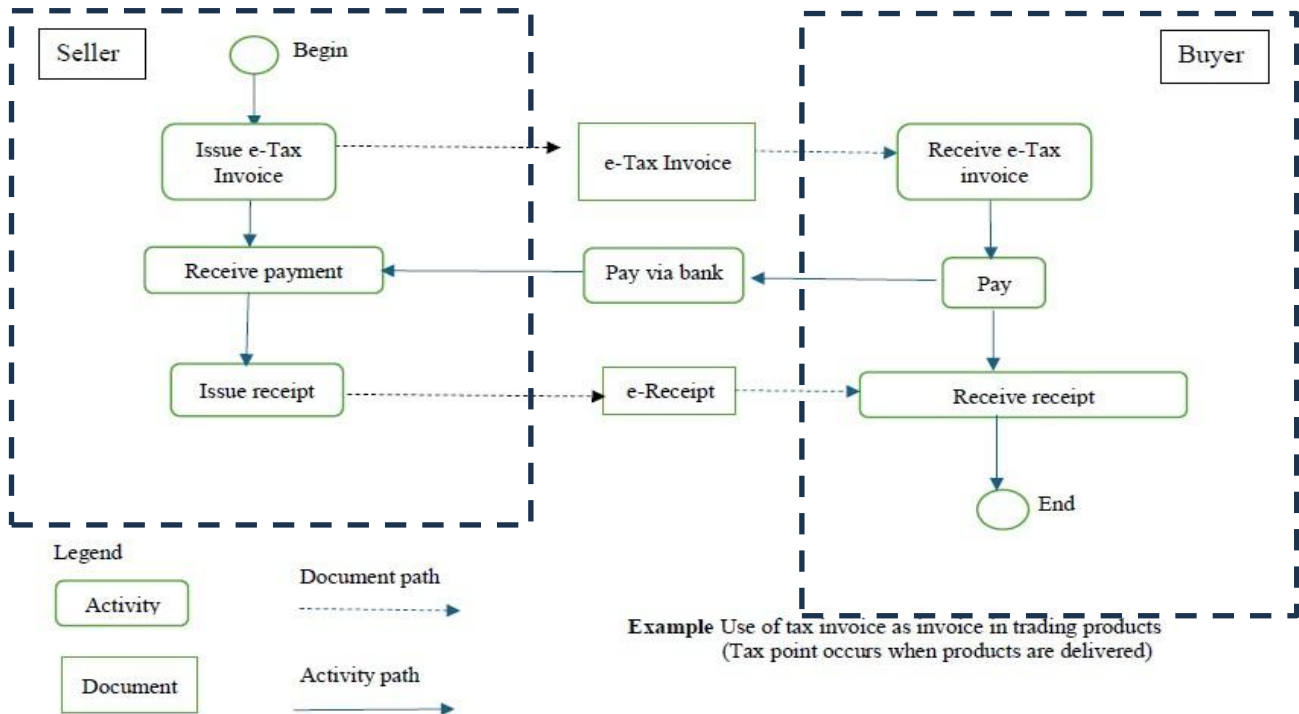


Figure 3 Example of the Use of e-Tax Invoices as invoices

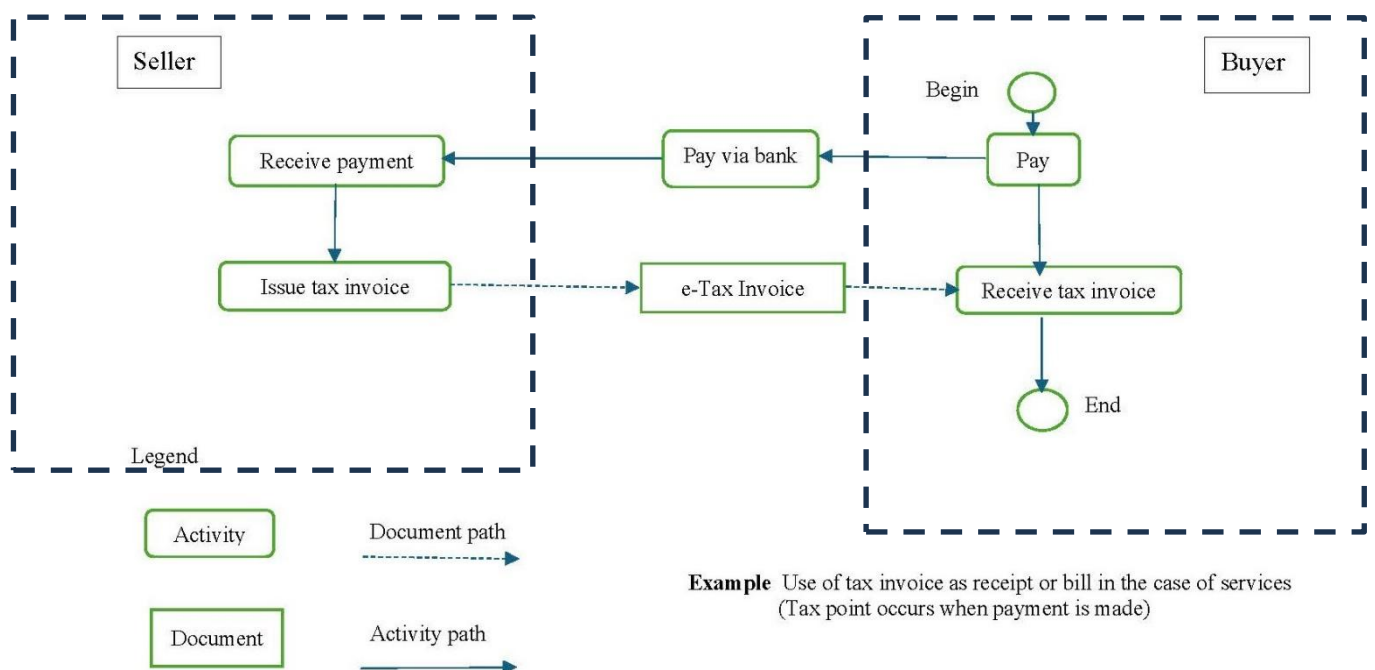


Figure 4 Example of the Use of e-Tax Invoices as receipts

**Format 4 Electronic debit notes/credit notes** are used in cases where debit notes or credit notes are used in the process of issuing tax invoices according to the details in Figure 5

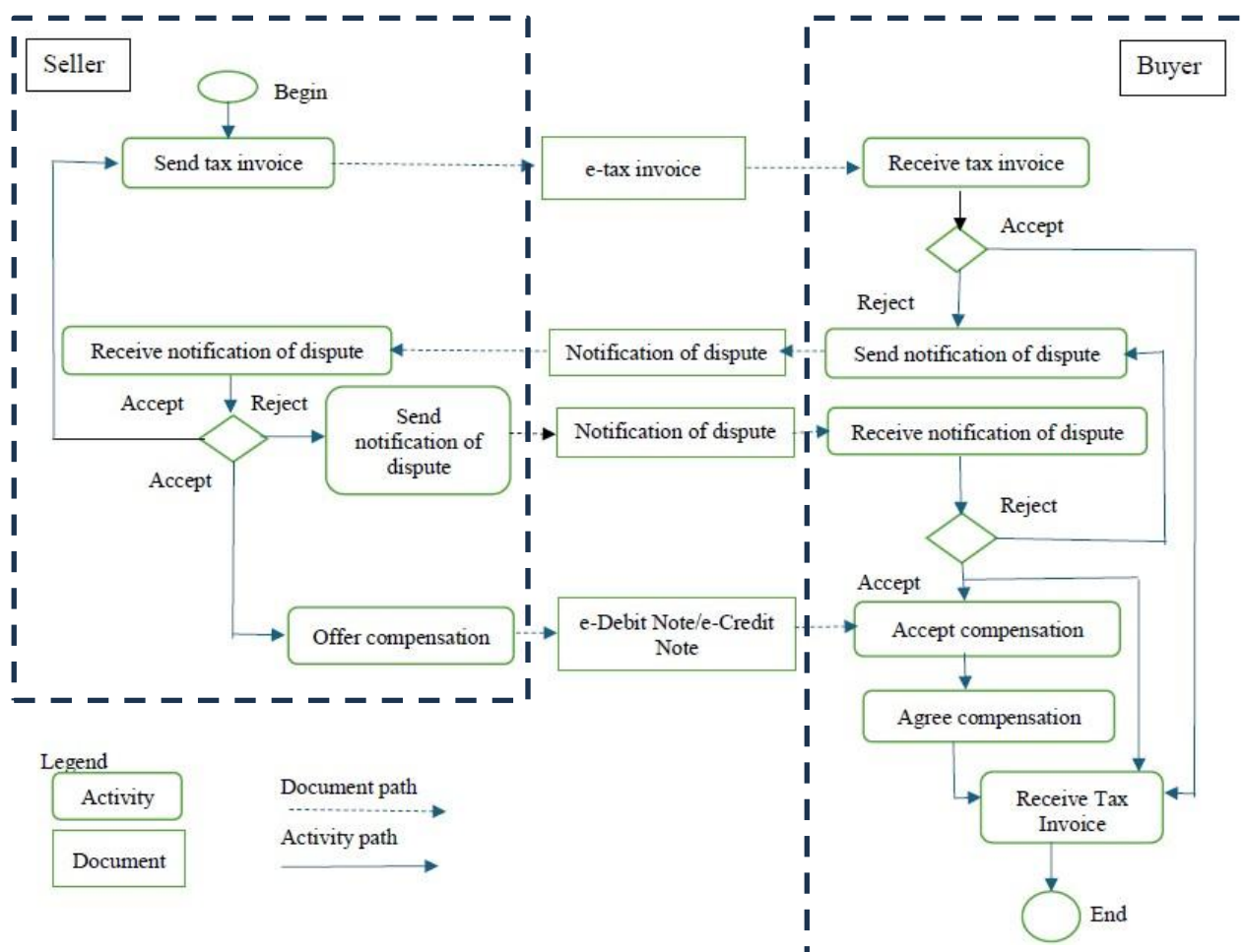


Figure 5 Example of the Use of Electronic Debit Note/Credit Note, Tax Invoice

**Format 5 Abbreviated e-Tax Invoices** can be used as e-Tax Invoices according to the example of using e-Tax Invoices in Figures 3 and 4.

**Format 6 Cancellation Notes** are used in cases of cancelling tax invoices according to the details of use in Figure 6.

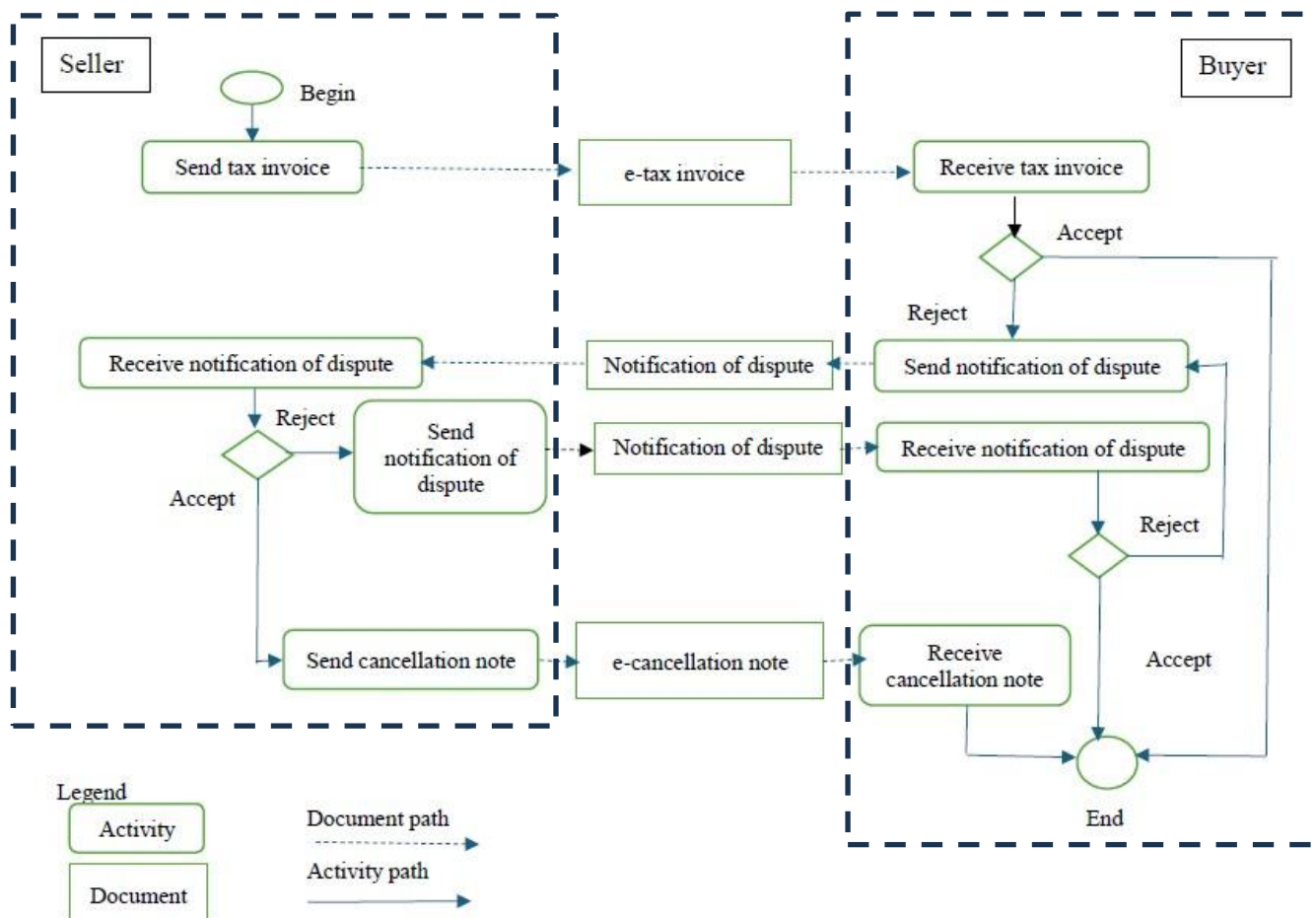


Figure 6 Example of the Use of a Cancellation Note

#### 4. Explanation of the Data Structure Table

- 4.1 The table of data entries in electronic messages for the purchase and sale of products and services consists of the following columns placed horizontally.

Index	Message Item	<XML Tag>	CII Mult.	[ABB]	Represent./Type	Rule/Guild. No.
-------	--------------	-----------	-----------	-------	-----------------	-----------------

- 1) The Index column contains the index showing the category of data in the electronic message.
- 2) The Message Item column contains the name of the category of data in the electronic message in both Thai and English.
- 3) The <XML Tag> column contains the name of the XML Tag of the category of data in the electronic message.
- 4) The CII Mult. Column, an abbreviation for Cross Industry Invoice Multiplicity, shows the minimum and maximum number of times that a data category can appear in electronic data according to the requirements of the Cross Industry Invoice Data Model of UN/CEFACT,

where the number on the left shows the minimum number of items that can appear in the electronic data, and the number on the right shows the maximum number of items that can appear in the electronic data. For example:

- A. [1..1] = A data field must contain at least one item and no more than one item in the electronic data
  - B. [1..n] = a data field must contain at least one item and no upper limit in the electronic data.
  - C. [0..1] = a data field may or may not be present; if it occurs in electronic data, there will be no more than one item.
  - D. [0..n] a data field may or may not be present; if it occurs in electronic data, there is no upper limit.
- 5) The [ABB] or 'abbreviation' column shows the attributes of the data field in various types of electronic data, which are:

**Table 1 Abbreviation and Name of Message**

Abbreviation	Name of Message
INV	Invoice_CrossIndustryInvoice
RCT	Receipt_CrossIndustryInvoice
TIV	TaxInvoice_CrossIndustryInvoice
DCN	DebitCreditNote_CrossIndustryInvoice
CLN	CancellationNote_CrossIndustryInvoice
ABB	AbbreviatedTaxInvoice_CrossIndustryInvoice

- 6) The Represent/Type column is used to specify the name of the data type in the data field. If the data type has a value as TypeCode, see the additional details in Appendix B. For other data types, additional details can be seen in Appendix A.
- 7) The Rule/Guid. No. column shows the application rules related to the data fields in the electronic data.

## 4.2 Attributes

In each type of column of electronic data, the data fields are defined and explained as follows:

### R (Required)

Definition : A data field that is mandatory in a schema



Explanation : This data field is mandatory in a schema or is necessary for the seller as "R" so that in the case that "R" is not required, it must be specified as a document of agreement between them.

#### C (Conditional)

Definition: A data field that is conditional on a specified application.

Explanation: This data field can be used when there are specific supporting conditions. A data field that is specified as "C" will have conditions specifying its application in the "Rule/Guild. No." Column.

#### BD (Bilaterally Determined)

Definition: A data field that has application details agreed by the buyer and seller.

Explanation: This is a data field that the buyer and seller may want to use in different cases so that the agreement on application between the buyer and seller should contain details of "BD" use.

#### NU (Not Used)

Definition: A data field that is not used

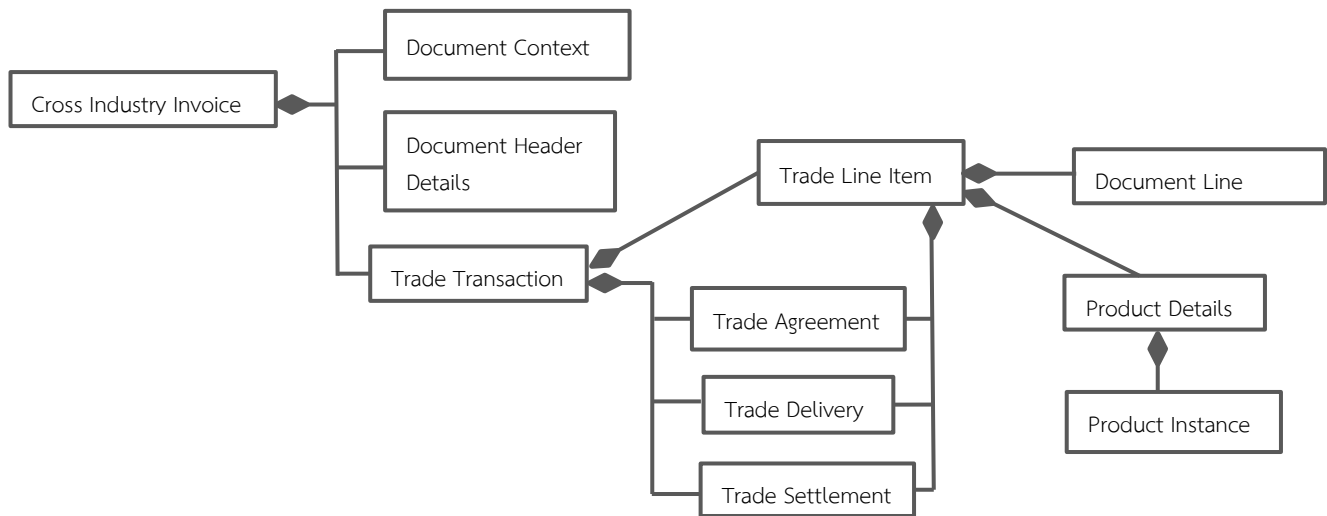
Explanation: This is a data field that is not be used in the electronic data.

## **5. Concepts and Models of Data Structure**

### **5.1 Concepts and models of e-Invoices and e-Tax Invoices**

The design of models of data following the form of e-Invoices has the basic idea of designing an electronic document structure for use in exchange in the process of buying and selling products and services which can take datasets in these various electronic documents to be used jointly throughout the process of buying and selling products and services. For example, when a seller of products has sent a quotation to the buyer, the buyer can then use the information on the products from the quotation to prepare a purchase order without having to fill in the data details again and return it to the seller. The seller imports the data on the products from the purchase order into the invoice and to prepare an e-Tax Invoice to send to the buyer of the products or services and can also send it to the Revenue Department.

## 5.2 Main datasets in e-Invoices and e-Tax Invoices



**Figure 7 Datasets in e-Invoices and e-Tax Invoices**

- Document Context: Information that is an element of an electronic document for the system or application to process.
- Document Heading: General information in document headers, such as invoice number and date of issue.
- Trade Transaction: Information on the buying and selling of products and services in e-Invoices consists of:
  - Trade Line Item: Information on the list of products and services, such as product name, price, quantity ordered.
  - Trade Agreement: Information on the terms of the purchase and sale of products and services, such as information on the buyer, information on the seller, etc.
  - Trade Delivery: Shipping information, such as information on the shipping agent, information on the consignee, delivery date.
  - Trade Settlement: Payment information, such as total amount, tax information, information on discounts or charges.

## 6. Structure of Invoice, Receipt, Cancellation note, Tax Invoice, Debit note/Credit note, and Abbreviated Tax Invoice in electronic format

Table 2 Structure of Invoice, Receipt, Cancellation note, Tax Invoice, Debit note/Credit note, and Abbreviated Tax Invoice in electronic format

Index	Name	Message Item Name	<XML Tag>	Mult	INV	RCT	TIV	DCN	CLN	ABB	Represent/ Type	Rule/ Guid. No.
	Cross Industry Invoice		<rsm:CrossIndustryInvoice>	1..1	R	R	R	R	R	R		
1	+Exchanged Document Context	Context of the document	<rsm:ExchangedDocumentContext>	1..1	R	R	R	R	R	R		
1.1	++Guideline Specified Document Context Parameter	Information provided in the standard manual	<ram:GuidelineSpecifiedDocumentContextParameter>	1..n	R	R	R	R	R	R		
1.1.1	+++ID	Standard manual code	<ram:ID>	1..1	R	R	R	R	R	R	Max35Text	8.2
2	+Exchanged Document	Title of the document	<rsm:ExchangedDocument>	1..1	R	R	R	R	R	R		
2.1	++ID	Document ID	<ram:ID>	1..1	R	R	R	R	R	R	Max35Text	
2.2	++Name	Document name	<ram:Name>	0..n	BD	R	R	R	R	R	Max35Text	8.3
2.3	++Type Code	Document type code	<ram:TypeCode>	0..1	BD	R	R	R	R	R	TypeCode	8.3
2.4	++Issue Date Time	Document issue date	<ram:IssueDateTime>	1..1	R	R	R	R	R	R	ISODateTime	8.5
2.5	++Purpose	Document issuance reason	<ram:Purpose>	0..1	BD	BD	BD	BD	BD	BD	Max256Text	8.4
2.6	++Purpose Code	Issuance reason code	<ram:PurposeCode>	0..1	BD	C	C	R	NU	C	TypeCode	8.4
2.7	++Global ID	Global document identification number	<ram:GlobalID>	0..1	BD	BD	BD	BD	BD	BD	Max70Text @schemeID	8.22
2.8	++Creation Date Time	Document creation date and time	<ram:CreationDateTime>	0..n	NU	R	R	R	R	R	ISODateTime	8.5
2.9	++Included Note	Additional remarks	<ram:IncludedNote>	0..n	BD	BD	BD	BD	BD	BD		
2.9.1	+++Subject	Subject	<ram:Subject>	0..1	BD	BD	BD	BD	BD	BD	Max500Text	

Table 2 Structure of Invoice, Receipt, Cancellation note, Tax Invoice, Debit note/Credit note, and Abbreviated Tax Invoice in electronic format

Index	Name	Message Item Name	<XML Tag>	Mult	INV	RCT	TIV	DCN	CLN	ABB	Represent/ Type	Rule/ Guid. No.
2.9.2	+++Content	Content	<ram:Content>	0..n	BD	BD	BD	BD	BD	BD	Max500Text	
3	+Supply Chain Trade Transaction	Trade transaction	<rsm:SupplyChainTradeTransaction>	1..1	R	R	R	R	R	R		
3.1	++Applicable Header Trade Agreement	Trade agreement	<ram:ApplicableHeaderTradeAgreement>	1..1	R	R	R	R	R	R		
3.1.1	+++Seller Trade Party	Seller	<ram:SellerTradeParty>	0..1	BD	R	R	R	R	R		
3.1.1.1	++++ID	Seller ID	<ram:ID>	0..n	BD	BD	BD	BD	BD	BD	Max35Text	8.6
3.1.1.2	++++Global ID	Seller Global ID	<ram:GlobalID>	0..n	BD	BD	BD	BD	BD	BD	Max70Text @schemeID @schemeAgencyID	8.6
3.1.1.3	++++Name	Seller Name	<ram:Name>	0..1	R	R	R	R	R	R	Max256Text	
3.1.1.4	++++Specified Tax Registration	Tax registration details	<ram:SpecifiedTaxRegistration>	0..1	BD	C	C	C	C	C		
3.1.1.4.1	+++++ID	Tax ID Number	<ram:ID>	0..1	R	R	R	R	R	R	Max35Text @schemeID	8.6
3.1.1.5	+++++Defined Trade Contact	Contact details	<ram:DefinedTradeContact>	0..n	BD	BD	BD	BD	BD	BD		
3.1.1.5.1	+++++Person Name	Contact name	<ram:PersonName>	0..1	BD	BD	BD	BD	BD	BD	Max140Text	
3.1.1.5.2	+++++Department Name	Department name	<ram:DepartmentName>	0..1	BD	BD	BD	BD	BD	BD	Max140Text	
3.1.1.5.3	+++++E-mail URI Universal Communication	Email communication	<ram:EmailURIUniversalCommunication>	0..1	BD	BD	BD	BD	BD	BD		
3.1.1.5.3.1	+++++URI ID	Email	<ram:URIID>	0..1	BD	BD	BD	BD	BD	BD	Max256Text	

Table 2 Structure of Invoice, Receipt, Cancellation note, Tax Invoice, Debit note/Credit note, and Abbreviated Tax Invoice in electronic format

Index	Name	Message Item Name	<XML Tag>	Mult	INV	RCT	TIV	DCN	CLN	ABB	Represent/ Type	Rule/ Guid. No.
3.1.1.5.4	+++++Telephone Universal Communication	Telephone communication	<ram:TelephoneUniversalCommunicat ion>	0..1	BD	BD	BD	BD	BD	BD		
3.1.1.5.4.1	++++++Phone Number	Phone number	<ram:CompleteNumber>	0..1	BD	BD	BD	BD	BD	BD	Max35Text	
3.1.1.6	++++Postal Trade Address	Address (Seller)	<ram:PostalTradeAddress>	0..1	BD	R	R	R	R	R		8.7
3.1.1.6.1	+++++Post Code	Postal code (Seller)	<ram:PostcodeCode>	0..1	C	C	C	C	C	C	Max16Text	
3.1.1.6.2	+++++Building Name	Building name (Seller)	<ram:BuildingName>	0..1	BD	BD	BD	BD	BD	BD	Max70Text	
3.1.1.6.3	+++++Line 1	Address Line 1 (Seller)	<ram:LineOne>	0..1	BD	C	C	C	C	C	Max256Text	
3.1.1.6.4	+++++Line 2	Address Line 2 (Seller)	<ram:LineTwo>	0..1	BD	C	C	C	C	C	Max256Text	
3.1.1.6.5	+++++Line 3	Soi (Seller)	<ram:LineThree>	0..1	BD	BD	BD	BD	BD	BD	Max70Text	
3.1.1.6.6	+++++Line 4	Village (Seller)	<ram:LineFour>	0..1	BD	BD	BD	BD	BD	BD	Max70Text	
3.1.1.6.7	+++++Line 5	Moo number (Seller)	<ram:LineFive>	0..1	BD	BD	BD	BD	BD	BD	Max70Text	
3.1.1.6.8	+++++Street Name	Street (Seller)	<ram:StreetName>	0..1	BD	BD	BD	BD	BD	BD	Max70Text	
3.1.1.6.9	+++++City Name	District name (Seller)	<ram:CityName>	0..1	BD	C	C	C	C	C	Max70Text	8.9
3.1.1.6.10	+++++City Sub-Division Name	Subdistrict name (Seller)	<ram:CitySubDivisionName>	0..1	BD	C	C	C	C	C	Max70Text	8.8
3.1.1.6.11	+++++Country ID	Country code (Seller)	<ram:CountryID>	0..1	R	R	R	R	R	R	CountryIDType	8.11
3.1.1.6.12	+++++Country Sub- Division ID	Province code (Seller)	<ram:CountrySubDivisionID>	0..1	BD	C	C	C	C	C	Max35Text	8.10
3.1.1.6.13	+++++Building Number	Building number (Seller)	<ram:BuildingNumber>	0..1	BD	C	C	C	C	C	Max16Text	
3.1.2	+++Buyer Trade Party	Buyer	<ram:BuyerTradeParty>	0..1	BD	R	R	R	NU	NU		

Table 2 Structure of Invoice, Receipt, Cancellation note, Tax Invoice, Debit note/Credit note, and Abbreviated Tax Invoice in electronic format

Index	Name	Message Item Name	<XML Tag>	Mult	INV	RCT	TIV	DCN	CLN	ABB	Represent/ Type	Rule/ Guid. No.
3.1.2.1	++++ID	Buyer ID	<ram:ID>	0..n	BD	BD	BD	BD	NU	NU	Max35Text	8.6
3.1.2.2	++++Global ID	Buyer Global ID	<ram:GlobalID>	0..n	BD	BD	BD	BD	NU	NU	Max70Text @schemeID @schemeAgencyID	8.6
3.1.2.3	++++Name	Buyer Name	<ram:Name>	0..1	BD	R	R	R	NU	NU	Max256Text	
3.1.2.4	++++Specified Tax Registration	Tax registration details	<ram:SpecifiedTaxRegistration>	0..1	BD	C	C	C	NU	NU		
3.1.2.4.1	+++++ID	Tax ID Number	<ram:ID>	0..1	R	R	R	R	NU	NU	Max35Text @schemeID	8.6
3.1.2.5	++++Defined Trade Contact	Contact details	<ram:DefinedTradeContact>	0..n	BD	BD	BD	BD	NU	NU		
3.1.2.5.1	+++++Person Name	Contact name	<ram:PersonName>	0..1	BD	BD	BD	BD	NU	NU	Max140Text	
3.1.2.5.2	+++++Department Name	Department name	<ram:DepartmentName>	0..1	BD	BD	BD	BD	NU	NU	Max140Text	
3.1.2.5.3	+++++E-mail URI Universal Communication	Email communication	<ram:EmailURIUniversalCommunicatio n>	0..1	BD	BD	BD	BD	NU	NU		
3.1.2.5.3.1	+++++URI ID	Email	<ram:URIID>	0..1	BD	BD	BD	BD	NU	NU	Max256Text	
3.1.2.5.4	+++++Telephone Universal Communication	Telephone communication	<ram:TelephoneUniversalCommunicat ion>	0..1	BD	BD	BD	BD	NU	NU		
3.1.2.5.4.1	+++++Phone Number	Phone number	<ram:CompleteNumber>	0..1	BD	BD	BD	BD	NU	NU	Max35Text	
3.1.2.6	++++Postal Trade Address	Address (Buyer)	<ram:PostalTradeAddress>	0..1	BD	R	R	R	NU	NU		8.7
3.1.2.6.1	+++++Post Code	Postal code (Buyer)	<ram:PostcodeCode>	0..1	BD	C	C	C	NU	NU	Max16Text	
3.1.2.6.2	+++++Building Name	Building name (Buyer)	<ram:BuildingName>	0..1	BD	BD	BD	BD	NU	NU	Max70Text	

Table 2 Structure of Invoice, Receipt, Cancellation note, Tax Invoice, Debit note/Credit note, and Abbreviated Tax Invoice in electronic format

Index	Name	Message Item Name	<XML Tag>	Mult	INV	RCT	TIV	DCN	CLN	ABB	Represent/ Type	Rule/ Guid. No.
3.1.2.6.3	+++++Line 1	Address Line 1 (Buyer)	<ram:LineOne>	0..1	BD	BD	C	C	NU	NU	Max256Text	
3.1.2.6.4	+++++Line 2	Address Line 2 (Buyer)	<ram:LineTwo>	0..1	BD	BD	C	C	NU	NU	Max256Text	
3.1.2.6.5	+++++Line 3	Soi (Buyer)	<ram:LineThree>	0..1	BD	BD	BD	BD	NU	NU	Max70Text	
3.1.2.6.6	+++++Line 4	Village (Buyer)	<ram:LineFour>	0..1	BD	BD	BD	BD	NU	NU	Max70Text	
3.1.2.6.7	+++++Line 5	Moo number (Buyer)	<ram:LineFive>	0..1	BD	BD	BD	BD	NU	NU	Max70Text	
3.1.2.6.8	+++++Street Name	Street (Buyer)	<ram:StreetName>	0..1	BD	BD	BD	BD	NU	NU	Max70Text	
3.1.2.6.9	+++++City Name	District name (Buyer)	<ram:CityName>	0..1	BD	BD	C	C	NU	NU	Max70Text	8.9
3.1.2.6.10	+++++City Sub-Division Name	Subdistrict name (Buyer)	<ram:CitySubDivisionName>	0..1	BD	BD	C	C	NU	NU	Max70Text	8.8
3.1.2.6.11	+++++Country ID	Country code (Buyer)	<ram:CountryID>	0..1	R	R	R	R	NU	NU	CountryIDType	8.11
3.1.2.6.12	+++++Country Sub- Division ID	Province code (Buyer)	<ram:CountrySubDivisionID>	0..1	C	C	C	C	NU	NU	Max35Text	8.10
3.1.2.6.13	+++++Building Number	Building number (Buyer)	<ram:BuildingNumber>	0..1	C	C	C	C	NU	NU	Max16Text	
3.1.3	+++Applicable Trade Delivery Terms	Applicable Trade Delivery Terms	<ram:ApplicableTradeDeliveryTerms>	0..1	BD	BD	BD	BD	NU	NU		
3.1.3.1	++++Delivery Type Code	Terms and conditions of sale	<ram:DeliveryTypeCode>	0..1	BD	BD	BD	BD	NU	NU	TypeCode	8.12
3.1.4	+++Buyer Order Referenced Document	Buyer Order Referenced Document	<ram:BuyerOrderReferencedDocumen t>	0..1	BD	BD	BD	BD	NU	NU		8.13
3.1.4.1	++++Issuer Assigned ID	Purchase Order Number	<ram:IssuerAssignedID>	0..1	BD	BD	BD	BD	NU	NU	Max35Text	
3.1.4.2	++++Issue Date Time	Purchase Order Issue Date	<ram:IssueDateTime>	0..1	BD	BD	BD	BD	NU	NU	ISODatetime	8.5

Table 2 Structure of Invoice, Receipt, Cancellation note, Tax Invoice, Debit note/Credit note, and Abbreviated Tax Invoice in electronic format

Index	Name	Message Item Name	<XML Tag>	Mult	INV	RCT	TIV	DCN	CLN	ABB	Represent/ Type	Rule/ Guid. No.
3.1.4.3	++++Reference Type Code	Reference Document Code	<ram:ReferenceTypeCode>	0..1	BD	BD	BD	BD	NU	NU	TypeCode	
3.1.5	+++Additional Referenced Document	Additional Referenced Document	<ram:AdditionalReferencedDocument>	0..n	BD	C	C	R	R	NU		8.13
3.1.5.1	++++Issuer Assigned ID	Reference Document Number	<ram:IssuerAssignedID>	0..1	BD	C	R	R	R	NU	Max35Text	
3.1.5.2	++++Issue Date Time	Reference Document Issue Date	<ram:IssueDateTime>	0..1	BD	C	R	R	R	NU	ISODateTime	8.5
3.1.5.3	++++Reference Type Code	Reference Document Type Code	<ram:ReferenceTypeCode>	0..1	BD	C	R	R	R	NU	TypeCode	
3.2	++Applicable Header Trade Delivery	Applicable Header Trade Delivery	<ram:ApplicableHeaderTradeDelivery>	1..1	R	R	R	R	NU	R		
3.2.1	+++Ship To Trade Party	Ship To	<ram:ShipToTradeParty>	0..1	BD	BD	BD	BD	NU	BD		
3.2.1.1	++++ID	Ship To ID	<ram:ID>	0..n	BD	BD	BD	BD	NU	BD	Max35Text	8.6
3.2.1.2	++++Global ID	Ship To Global ID	<ram:GlobalID>	0..n	BD	BD	BD	BD	NU	BD	Max70Text @schemeID @schemeAgencyID	8.6
3.2.1.3	++++Name	Ship To Name	<ram:Name>	0..1	BD	BD	BD	BD	NU	BD	Max140Text	
3.2.1.4	++++Defined Trade Contact	Contact details	<ram:DefinedTradeContact>	0..n	BD	BD	BD	BD	NU	BD		
3.2.1.4.1	+++++Person Name	Contact name	<ram:PersonName>	0..1	BD	BD	BD	BD	NU	BD	Max140Text	
3.2.1.4.2	+++++Department Name	Department name	<ram:DepartmentName>	0..1	BD	BD	BD	BD	NU	BD	Max140Text	
3.2.1.4.3	+++++E-mail URI Universal Communication	Email communication	<ram:EmailURIUniversalCommunication>	0..1	BD	BD	BD	BD	BD	BD		
3.2.1.4.3.1	+++++URI ID	Email	<ram:URIID>	0..1	BD	BD	BD	BD	BD	BD	Max256Text	



Table 2 Structure of Invoice, Receipt, Cancellation note, Tax Invoice, Debit note/Credit note, and Abbreviated Tax Invoice in electronic format

Index	Name	Message Item Name	<XML Tag>	Mult	INV	RCT	TIV	DCN	CLN	ABB	Represent/ Type	Rule/ Guid. No.
3.2.1.4.4	+++++Telephone Universal Communication	Telephone communication	<ram:TelephoneUniversalCommunicat ion>	0..1	BD	BD	BD	BD	NU	BD		
3.2.1.4.4.1	++++++Ship-to Phone Number	Phone number	<ram:CompleteNumber>	0..1	BD	BD	BD	BD	NU	BD	PhoneNumber	
3.2.1.5	++++Postal Trade Address	Address (Ship to)	<ram:PostalTradeAddress>	0..1	BD	BD	BD	BD	NU	BD		8.7
3.2.1.5.1	+++++Post Code	Postal code (Ship to)	<ram:PostcodeCode>	0..1	BD	BD	BD	BD	NU	BD	Max16Text	
3.2.1.5.2	+++++Building Name	Building name (Ship to)	<ram:BuildingName>	0..1	BD	BD	BD	BD	NU	BD	Max140Text	
3.2.1.5.3	+++++Line 1	Address Line 1 (Ship to)	<ram:LineOne>	0..1	BD	BD	BD	BD	NU	BD	Max256Text	
3.2.1.5.4	+++++Line 2	Address Line 2 (Ship to)	<ram:LineTwo>	0..1	BD	BD	BD	BD	NU	BD	Max256Text	
3.2.1.5.5	+++++Line 3	Soi (Ship to)	<ram:LineThree>	0..1	BD	BD	BD	BD	NU	BD	Max70Text	
3.2.1.5.6	+++++Line 4	Village (Ship to)	<ram:LineFour>	0..1	BD	BD	BD	BD	NU	BD	Max70Text	
3.2.1.5.7	+++++Line 5	Moo number (Ship to)	<ram:LineFive>	0..1	BD	BD	BD	BD	NU	BD	Max70Text	
3.2.1.5.8	+++++Street Name	Street (Ship to)	<ram:StreetName>	0..1	BD	BD	BD	BD	NU	BD	Max70Text	
3.2.1.5.9	+++++City Name	District name (Ship to)	<ram:CityName>	0..1	BD	BD	BD	BD	NU	BD	Max70Text	8.9
3.2.1.5.10	+++++City Sub-Division Name	Subdistrict name (Ship to)	<ram:CitySubDivisionName>	0..1	BD	BD	BD	BD	NU	BD	Max70Text	8.8
3.2.1.5.11	+++++Country ID	Country code (Ship to)	<ram:CountryID>	0..1	BD	BD	BD	BD	NU	BD	CountryIDType	8.11
3.2.1.5.12	+++++Country Sub- Division ID	Province code (Ship to)	<ram:CountrySubDivisionID>	0..n	BD	BD	BD	BD	NU	BD	Max35Text	8.10
3.2.1.5.13	+++++Building Number	Building number (Ship to)	<ram:BuildingNumber>	0..1	BD	BD	BD	BD	NU	BD	Max16Text	
3.2.2	+++ Ship From Trade Party	Ship From	<ram:ShipFromTradeParty>	0..1	BD	BD	BD	BD	NU	BD		

Table 2 Structure of Invoice, Receipt, Cancellation note, Tax Invoice, Debit note/Credit note, and Abbreviated Tax Invoice in electronic format

Index	Name	Message Item Name	<XML Tag>	Mult	INV	RCT	TIV	DCN	CLN	ABB	Represent/ Type	Rule/ Guid. No.
3.2.2.1	++++ID	Ship From ID	<ram:ID>	0..n	BD	BD	BD	BD	NU	BD	Max35Text	8.6
3.2.2.2	++++Global ID	Ship From Global ID	<ram:GlobalID>	0..n	BD	BD	BD	BD	NU	BD	Max70Text @schemeID @schemeAgencyID	8.6
3.2.2.3	++++Name	Ship From Name	<ram:Name>	0..1	BD	R	R	R	NU	R	Max140Text	
3.2.2.4	++++Defined Trade Contact	Contact details	<ram:DefinedTradeContact>	0..n	BD	BD	BD	BD	NU	BD		
3.2.2.4.1	+++++Person Name	Contact name	<ram:PersonName>	0..1	BD	BD	BD	BD	NU	BD	Max140Text	
3.2.2.4.2	+++++Department Name	Department name	<ram:DepartmentName>	0..1	BD	BD	BD	BD	NU	BD	Max140Text	
3.2.2.4.3	+++++E-mail URI Universal Communication	Email communication	<ram:EmailURIUniversalCommunicatio n>	0..1	BD	BD	BD	BD	BD	BD		
3.2.2.4.3.1	+++++URI ID	Email	<ram:URIID>	0..1	BD	BD	BD	BD	BD	BD	Max256Text	
3.2.2.4.4	+++++Telephone Universal Communication	Telephone communication	<ram:TelephoneUniversalCommunicat ion>	0..1	BD	BD	BD	BD	NU	BD		
3.2.2.4.4.1	+++++Ship-to Phone Number	Phone number	<ram:CompleteNumber>	0..1	BD	BD	BD	BD	NU	BD	PhoneNumber	
3.2.2.5	++++Postal Trade Address	Address (Ship from)	<ram:PostalTradeAddress>	0..1	BD	BD	BD	BD	NU	BD		8.7
3.2.2.5.1	+++++Post Code	Postal code (Ship from)	<ram:PostcodeCode>	0..1	BD	BD	BD	BD	NU	BD	Max16Text	
3.2.2.5.2	+++++Building Name	Building name (Ship from)	<ram:BuildingName>	0..1	BD	BD	BD	BD	NU	BD	Max140Text	
3.2.2.5.3	+++++Line 1	Address Line 1 (Ship from)	<ram:LineOne>	0..1	BD	BD	BD	BD	NU	BD	Max256Text	
3.2.2.5.4	+++++Line 2	Address Line 2 (Ship from)	<ram:LineTwo>	0..1	BD	BD	BD	BD	NU	BD	Max256Text	
3.2.2.5.5	+++++Line 3	Soi (Ship from)	<ram:LineThree>	0..1	BD	BD	BD	BD	NU	BD	Max70Text	

Table 2 Structure of Invoice, Receipt, Cancellation note, Tax Invoice, Debit note/Credit note, and Abbreviated Tax Invoice in electronic format

Index	Name	Message Item Name	<XML Tag>	Mult	INV	RCT	TIV	DCN	CLN	ABB	Represent/ Type	Rule/ Guid. No.
3.2.2.5.6	+++++Line 4	Village (Ship from)	<ram:LineFour>	0..1	BD	BD	BD	BD	NU	BD	Max70Text	
3.2.2.5.7	+++++Line 5	Moo number (Ship from)	<ram:LineFive>	0..1	BD	BD	BD	BD	NU	BD	Max70Text	
3.2.2.5.8	+++++Street Name	Street (Ship from)	<ram:StreetName>	0..1	BD	BD	BD	BD	NU	BD	Max70Text	
3.2.2.5.9	+++++City Name	District name (Ship from)	<ram:CityName>	0..1	BD	BD	BD	BD	NU	BD	Max70Text	8.9
3.2.2.5.10	+++++City Sub-Division Name	Subdistrict name (Ship from)	<ram:CitySubDivisionName>	0..1	BD	BD	BD	BD	NU	BD	Max70Text	8.8
3.2.2.5.11	+++++Country ID	Country code (Ship from)	<ram:CountryID>	0..1	BD	BD	BD	BD	NU	BD	CountryIDType	8.11
3.2.2.5.12	+++++Country Sub- Division ID	Province code (Ship from)	<ram:CountrySubDivisionID>	0..n	BD	BD	BD	BD	NU	BD	Max35Text	8.10
3.2.2.5.13	+++++Building Number	Building number (Ship from)	<ram:BuildingNumber>	0..1	BD	BD	BD	BD	NU	BD	Max16Text	
3.2.3	+++Actual Delivery Supply Chain Event	Actual Delivery Supply Chain Event	<ram:ActualDeliverySupplyChainEvent >	0..1	BD	BD	BD	BD	NU	BD		
3.2.3.1	++++Occurrence Date Time	Delivery Appointment Date and Time	<ram:OccurrenceDateTime>	0..1	BD	BD	BD	BD	NU	BD	ISODatetime	8.5
3.3	++Applicable HeaderTrade Settlement	Applicable Header Trade Settlement	<ram:ApplicableHeaderTradeSettleme nt>	1..1	R	R	R	R	R	R		
3.3.1	+++Invoice Currency Code	Currency Code	<ram:InvoiceCurrencyCode>	0..1	BD	BD	BD	BD	NU	BD	TypeCode	8.14
3.3.2	+++Applicable Trade Tax	Applicable Trade Tax	<ram:ApplicableTradeTax>	0..n	BD	BD	R	R	NU	BD		8.15
3.3.2.1	++++Type Code	Tax Type Code	<ram:TypeCode>	0..1	BD	BD	R	R	NU	BD	TypeCode	
3.3.2.2	++++Calculated Rate	Tax Rate	<ram:CalculatedRate>	0..1	BD	BD	R	R	NU	BD	PercentageRate	
3.3.2.3	++++Basis Amount	Value of Goods/Services (Excl. VAT, rounded to 2 decimal places)	<ram:BasisAmount>	0..n	BD	BD	R	R	NU	BD	Amount @currencyID	8.19

Table 2 Structure of Invoice, Receipt, Cancellation note, Tax Invoice, Debit note/Credit note, and Abbreviated Tax Invoice in electronic format

Index	Name	Message Item Name	<XML Tag>	Mult	INV	RCT	TIV	DCN	CLN	ABB	Represent/ Type	Rule/ Guid. No.
3.3.2.4	++++ Calculated Amount	VAT Amount	<ram:CalculatedAmount>	0..n	BD	BD	R	R	NU	BD	Amount @currencyID	8.19
3.3.3	+++Specified Trade Allowance Charge	Trade Allowance Charge	<ram:SpecifiedTradeAllowanceCharge>	0..n	BD	BD	BD	BD	NU	BD		8.16
3.3.3.1	++++Charge Indicator	Allowance or Charge Indicator	<ram:ChargeIndicator>	0..1	BD	BD	BD	BD	NU	BD	true or false	
3.3.3.2	++++Actual Amount	Allowance or Charge Amount	<ram:ActualAmount>	0..n	BD	BD	BD	BD	NU	BD	Amount @currencyID	
3.3.3.3	++++Reason Code	Allowance or Charge Reason Code	<ram:ReasonCode>	0..1	BD	BD	BD	BD	NU	BD	Max16Code	
3.3.3.4	++++Reason	Allowance or Charge Reason	<ram:Reason>	0..1	BD	BD	BD	BD	NU	BD	Max256Text	
3.3.3.5	++++Type Code	Allowance or Charge Type Code	<ram:TypeCode>	0..1	BD	BD	BD	BD	NU	BD	Max16Code	
3.3.4	+++Specified Trade Payment Terms	Trade Payment Terms	<ram:SpecifiedTradePaymentTerms>	0..n	BD	BD	BD	BD	NU	BD		
3.3.4.1	++++Description	Payment Terms Details	<ram:Description>	0..n	BD	BD	BD	BD	NU	BD	Max256Text @languageID	
3.3.4.2	++++Due Date Time	Payment Due Date	<ram:DueDateDateTime>	0..1	BD	BD	BD	BD	NU	BD	ISODateTime	8.5
3.3.4.3	++++Type Code	Payment Terms Code	<ram:TypeCode>	0..1	BD	BD	BD	BD	NU	BD	TypeCode	8.17
3.3.5	+++Specified Trade Settlement Header Monetary Summation	Trade Settlement Header Monetary Summation	<ram:SpecifiedTradeSettlementHeaderMonetarySummation>	0..1	BD	R	R	R	NU	R		
3.3.5.1	++++Original Information Amount	Original Information Total Amount	<ram:OriginalInformationAmount>	0..n	NU	NU	NU	R	NU	NU	Amount @currencyID	8.19
3.3.5.2	++++Line Total Amount	Line Total Amount	<ram:LineTotalAmount>	0..n	BD	BD	R	R	NU	BD	Amount @currencyID	8.19

Table 2 Structure of Invoice, Receipt, Cancellation note, Tax Invoice, Debit note/Credit note, and Abbreviated Tax Invoice in electronic format

Index	Name	Message Item Name	<XML Tag>	Mult	INV	RCT	TIV	DCN	CLN	ABB	Represent/ Type	Rule/ Guid. No.
3.3.5.3	++++Difference Sales Information Amount	Difference Amount	<ram:DifferenceInformationAmount>	0..n	NU	NU	NU	R	NU	NU	Amount @currencyID	8.19
3.3.5.4	++++Allowance Total Amount	Allowance Total Amount	<ram:AllowanceTotalAmount>	0..n	BD	BD	BD	BD	NU	BD	Amount @currencyID	8.19
3.3.5.5	++++Charge Total Amount	Charge Total Amount	<ram:ChargeTotalAmount>	0..n	BD	BD	BD	BD	NU	BD	Amount @currencyID	8.19
3.3.5.6	++++Tax Basis Total Amount	Tax Basis Total Amount	<ram:TaxBasisTotalAmount >	0..n	BD	BD	R	R	NU	BD	Amount @currencyID	8.19
3.3.5.7	++++Tax Total Amount	Tax Total Amount	<ram:TaxTotalAmount>	0..n	BD	BD	R	R	NU	BD	Amount @currencyID	8.19
3.3.5.8	++++Grand Total Amount	Grand Total Amount	<ram:GrandTotalAmount>	0..n	BD	R	R	R	NU	R	Amount @currencyID	8.19
3.3.6	+++Invoicer Trade Party	Invoicer	<ram:InvoicerTradeParty>	0..1	BD	C	C	C	C	NU	Party	8.23
3.3.6.1	++++ID	Invoicer ID	<ram:ID>	0..n	BD	BD	BD	BD	BD	NU	Max35Text	8.6
3.3.6.2	++++Global ID	Invoicer Global ID	<ram:GlobalID>	0..n	BD	BD	BD	BD	BD	NU	Max70Text @schemeID @schemeAgencyID	8.6
3.3.6.3	++++Name	Invoicer Name	<ram:Name>	0..1	BD	R	R	R	R	NU	Max256Text	
3.3.6.4	++++Specified Tax Registration	Tax registration details	<ram:SpecifiedTaxRegistration >	0..1	BD	C	C	C	C	NU		
3.3.6.4.1	+++++ID	Tax ID Number	<ram:ID>	0..1	R	R	R	R	R	NU	Max35Text @schemeID	8.6
3.3.6.5	++++Defined Trade Contact	Contact details	<ram:DefinedTradeContact>	0..n	BD	BD	BD	BD	BD	NU		
3.3.6.5.1	+++++Person Name	Contact name	<ram:PersonName>	0..1	BD	BD	BD	BD	BD	NU	Max140Text	
3.3.6.5.2	+++++Department Name	Department name	<ram:DepartmentName>	0..1	BD	BD	BD	BD	BD	NU	Max140Text	
3.3.6.5.3	+++++E-mail URI Universal Communication	Email communication	<ram:EmailURIUniversalCommunicatio n>	0..1	BD	BD	BD	BD	BD	NU		

Table 2 Structure of Invoice, Receipt, Cancellation note, Tax Invoice, Debit note/Credit note, and Abbreviated Tax Invoice in electronic format

Index	Name	Message Item Name	<XML Tag>	Mult	INV	RCT	TIV	DCN	CLN	ABB	Represent/ Type	Rule/ Guid. No.
3.3.6.5.3.1	+++++URI ID	Email	<ram:URIID>	0..1	BD	BD	BD	BD	BD	NU	Max256Text	
3.3.6.5.4	+++++Telephone Universal Communication	Telephone communication	<ram:TelephoneUniversalCommunicat ion>	0..1	BD	BD	BD	BD	BD	NU		
3.3.6.5.4.1	+++++Phone Number	Phone number	<ram:CompleteNumber>	0..1	BD	BD	BD	BD	BD	NU	Max35Text	
3.3.6.6	++++Postal Trade Address	Address (Invoicer)	<ram:PostalTradeAddress>	0..1	BD	C	C	C	C	NU		8.7
3.3.6.6.1	+++++Post Code	Postal code (Invoicer)	<ram:PostcodeCode>	0..1	BD	C	C	C	C	NU	Max16Text	
3.3.6.6.2	+++++Building Name	Building name (Invoicer)	<ram:BuildingName>	0..1	BD	BD	BD	BD	BD	NU	Max70Text	
3.3.6.6.3	+++++Line 1	Address Line 1 (Invoicer)	<ram:LineOne>	0..1	BD	C	C	C	C	NU	Max256Text	
3.3.6.6.4	+++++Line 2	Address Line 2 (Invoicer)	<ram:LineTwo>	0..1	BD	C	C	C	C	NU	Max256Text	
3.3.6.6.5	+++++Line 3	Soi (Invoicer)	<ram:LineThree>	0..1	BD	BD	BD	BD	BD	NU	Max70Text	
3.3.6.6.6	+++++Line 4	Village (Invoicer)	<ram:LineFour>	0..1	BD	BD	BD	BD	BD	NU	Max70Text	
3.3.6.6.7	+++++Line 5	Moo number (Invoicer)	<ram:LineFive>	0..1	BD	BD	BD	BD	BD	NU	Max70Text	
3.3.6.6.8	+++++Street Name	Street (Invoicer)	<ram:StreetName>	0..1	BD	BD	BD	BD	BD	NU	Max70Text	
3.3.6.6.9	+++++City Name	District name (Invoicer)	<ram:CityName>	0..1	BD	C	C	C	C	NU	Max70Text	8.9
3.3.6.6.10	+++++City Sub-Division Name	Subdistrict name (Invoicer)	<ram:CitySubDivisionName>	0..1	BD	C	C	C	C	NU	Max70Text	8.8
3.3.6.6.11	+++++Country ID	Country code (Invoicer)	<ram:CountryID>	0..1	BD	R	R	R	R	NU	CountryIDType	8.11
3.3.6.6.12	+++++Country Sub- Division ID	Province code (Invoicer)	<ram:CountrySubDivisionID>	0..1	BD	C	C	C	C	NU	Max35Text	8.10
3.3.6.6.13	+++++Building Number	Building number (Invoicer)	<ram:BuildingNumber>	0..1	BD	C	C	C	C	NU	Max16Text	

Table 2 Structure of Invoice, Receipt, Cancellation note, Tax Invoice, Debit note/Credit note, and Abbreviated Tax Invoice in electronic format

Index	Name	Message Item Name	<XML Tag>	Mult	INV	RCT	TIV	DCN	CLN	ABB	Represent/ Type	Rule/ Guid. No.
3.3.7	+++Invoicee Trade Party	Invoicee	<ram:InvoiceeTradeParty>	0..1	BD	BD	BD	BD	NU	NU	Party	
3.3.7.1	++++ID	Invoicee ID	<ram:ID>	0..n	BD	BD	BD	BD	NU	NU	Max35Text	8.6
3.3.7.2	++++Global ID	Invoicee Global ID	<ram:GlobalID>	0..n	BD	BD	BD	BD	NU	NU	Max70Text @schemeID @schemeAgencyID	8.6
3.3.7.3	++++Name	Invoicee Name	<ram:Name>	0..1	BD	R	R	R	NU	NU	Max256Text	
3.3.7.4	++++Specified Tax Registration	Tax registration details	<ram:SpecifiedTaxRegistration >	0..1	BD	BD	BD	BD	NU	NU		
3.3.7.4.1	+++++ID	Tax ID Number	<ram:ID>	0..1	R	R	R	R	NU	NU	Max35Text @schemeID	8.6
3.3.7.5	++++Defined Trade Contact	Contact details	<ram:DefinedTradeContact>	0..n	BD	BD	BD	BD	NU	NU		
3.3.7.5.1	+++++Person Name	Contact name	<ram:PersonName>	0..1	BD	BD	BD	BD	NU	NU	Max140Text	
3.3.7.5.2	+++++Department Name	Department name	<ram:DepartmentName>	0..1	BD	BD	BD	BD	NU	NU	Max140Text	
3.3.7.5.3	+++++E-mail URI Universal Communication	Email communication	<ram:EmailURIUniversalCommunicatio n>	0..1	BD	BD	BD	BD	NU	NU		
3.3.7.5.3.1	++++++URI ID	Email	<ram:URIID>	0..1	BD	BD	BD	BD	NU	NU	Max256Text	
3.3.7.5.4	+++++Telephone Universal Communication	Telephone communication	<ram:TelephoneUniversalCommunicat ion>	0..1	BD	BD	BD	BD	NU	NU		
3.3.7.5.4.1	++++++Phone Number	Phone number	<ram:CompleteNumber>	0..1	BD	BD	BD	BD	NU	NU	Max35Text	
3.3.7.6	++++Postal Trade Address	Address (Invoicee)	<ram:PostalTradeAddress>	0..1	BD	C	C	C	NU	NU		8.7
3.3.7.6.1	+++++Post Code	Postal code (Invoicee)	<ram:PostcodeCode>	0..1	BD	R	R	R	NU	NU	Max16Text	

Table 2 Structure of Invoice, Receipt, Cancellation note, Tax Invoice, Debit note/Credit note, and Abbreviated Tax Invoice in electronic format

Index	Name	Message Item Name	<XML Tag>	Mult	INV	RCT	TIV	DCN	CLN	ABB	Represent/ Type	Rule/ Guid. No.
3.3.7.6.2	+++++Building Name	Building name (Invoicee)	<ram:BuildingName>	0..1	BD	BD	BD	BD	NU	NU	Max70Text	
3.3.7.6.3	+++++Line 1	Address Line 1 (Invoicee)	<ram:LineOne>	0..1	BD	C	C	C	NU	NU	Max256Text	
3.3.7.6.4	+++++Line 2	Address Line 2 (Invoicee)	<ram:LineTwo>	0..1	BD	C	C	C	NU	NU	Max256Text	
3.3.7.6.5	+++++Line 3	Soi (Invoicee)	<ram:LineThree>	0..1	BD	BD	BD	BD	NU	NU	Max70Text	
3.3.7.6.6	+++++Line 4	Village (Invoicee)	<ram:LineFour>	0..1	BD	BD	BD	BD	NU	NU	Max70Text	
3.3.7.6.7	+++++Line 5	Moo number (Invoicee)	<ram:LineFive>	0..1	BD	BD	BD	BD	NU	NU	Max70Text	
3.3.7.6.8	+++++Street Name	Street (Invoicee)	<ram:StreetName>	0..1	BD	BD	BD	BD	NU	NU	Max70Text	
3.3.7.6.9	+++++City Name	District name (Invoicee)	<ram:CityName>	0..1	BD	C	C	C	NU	NU	Max70Text	8.9
3.3.7.6.10	+++++City Sub-Division Name	Subdistrict name (Invoicee)	<ram:CitySubDivisionName>	0..1	BD	C	C	C	NU	NU	Max70Text	8.8
3.3.7.6.11	+++++Country ID	Country code (Invoicee)	<ram:CountryID>	0..1	BD	R	R	R	NU	NU	CountryIDType	8.11
3.3.7.6.12	+++++Country Sub- Division ID	Province code (Invoicee)	<ram:CountrySubDivisionID>	0..1	BD	C	C	C	NU	NU	Max35Text	8.10
3.3.7.6.13	+++++Building Number	Building number (Invoicee)	<ram:BuildingNumber>	0..1	BD	C	C	C	NU	NU	Max16Text	
3.3.8	+++Payer Trade Party	Payer	<ram:PayerTradeParty>	0..1	BD	BD	BD	BD	NU	NU		
3.3.8.1	++++ID	Payer ID	<ram:ID>	0..n	BD	BD	BD	BD	NU	NU	Max35Text	8.6
3.3.8.2	++++Global ID	Payer Global ID	<ram:GlobalID>	0..n	BD	BD	BD	BD	NU	NU	Max70Text @schemeID @schemeAgencyID	8.6
3.3.8.3	++++Name	Payer Name	<ram:Name>	0..1	BD	R	R	R	NU	NU	Max256Text	
3.3.8.4	++++Specified Tax Registration	Tax registration details	<ram:SpecifiedTaxRegistration >	0..1	BD	C	C	C	NU	NU		



Table 2 Structure of Invoice, Receipt, Cancellation note, Tax Invoice, Debit note/Credit note, and Abbreviated Tax Invoice in electronic format

Index	Name	Message Item Name	<XML Tag>	Mult	INV	RCT	TIV	DCN	CLN	ABB	Represent/ Type	Rule/ Guid. No.
3.3.8.4.1	+++++ID	Tax ID Number	<ram:ID>	0..1	R	R	R	R	NU	NU	Max35Text @schemeID	8.6
3.3.8.5	++++Defined Trade Contact	Contact details	<ram:DefinedTradeContact>	0..n	BD	BD	BD	BD	NU	NU		
3.3.8.5.1	+++++Person Name	Contact name	<ram:PersonName>	0..1	BD	BD	BD	BD	NU	NU	Max140Text	
3.3.8.5.2	+++++Department Name	Department name	<ram:DepartmentName>	0..1	BD	BD	BD	BD	NU	NU	Max140Text	
3.3.8.5.3	+++++E-mail URI Universal Communication	Email communication	<ram:EmailURIUniversalCommunicatio n>	0..1	BD	BD	BD	BD	NU	NU		
3.3.8.5.3.1	++++++URI ID	Email	<ram:URIID>	0..1	BD	BD	BD	BD	NU	NU	Max256Text	
3.3.8.5.4	+++++Telephone Universal Communication	Telephone communication	<ram:TelephoneUniversalCommunicat ion>	0..1	BD	BD	BD	BD	NU	NU		
3.3.8.5.4.1	++++++Phone Number	Phone number	<ram:CompleteNumber>	0..1	BD	BD	BD	BD	NU	NU	Max35Text	
3.3.8.6	++++Postal Trade Address	Address (payer)	<ram:PostalTradeAddress>	0..1	BD	C	C	C	NU	NU		8.7
3.3.8.6.1	+++++Post Code	Postal code (payer)	<ram:PostcodeCode>	0..1	BD	C	C	C	NU	NU	Max16Text	
3.3.8.6.2	+++++Building Name	Building name (payer)	<ram:BuildingName>	0..1	BD	BD	BD	BD	NU	NU	Max70Text	
3.3.8.6.3	+++++Line 1	Address Line 1 (payer)	<ram:LineOne>	0..1	BD	C	C	C	NU	NU	Max256Text	
3.3.8.6.4	+++++Line 2	Address Line 2 (payer)	<ram:LineTwo>	0..1	BD	C	C	C	NU	NU	Max256Text	
3.3.8.6.5	+++++Line 3	Soi (payer)	<ram:LineThree>	0..1	BD	BD	BD	BD	NU	NU	Max70Text	
3.3.8.6.6	+++++Line 4	Village (payer)	<ram:LineFour>	0..1	BD	BD	BD	BD	NU	NU	Max70Text	
3.3.8.6.7	+++++Line 5	Moo number (payer)	<ram:LineFive>	0..1	BD	BD	BD	BD	NU	NU	Max70Text	

Table 2 Structure of Invoice, Receipt, Cancellation note, Tax Invoice, Debit note/Credit note, and Abbreviated Tax Invoice in electronic format

Index	Name	Message Item Name	<XML Tag>	Mult	INV	RCT	TIV	DCN	CLN	ABB	Represent/ Type	Rule/ Guid. No.
3.3.8.6.8	+++++Street Name	Street (payer)	<ram:StreetName>	0..1	BD	BD	BD	BD	NU	NU	Max70Text	
3.3.8.6.9	+++++City Name	District name (payer)	<ram:CityName>	0..1	BD	C	C	C	NU	NU	Max70Text	8.9
3.3.8.6.10	+++++City Sub-Division Name	Subdistrict name (payer)	<ram:CitySubDivisionName>	0..1	BD	C	C	C	NU	NU	Max70Text	8.8
3.3.8.6.11	+++++Country ID	Country code (payer)	<ram:CountryID>	0..1	BD	C	C	C	NU	NU	CountryIDType	8.11
3.3.8.6.12	+++++Country Sub- Division ID	Province code (payer)	<ram:CountrySubDivisionID>	0..1	BD	C	C	C	NU	NU	Max35Text	8.10
3.3.8.6.13	+++++Building Number	Building number (payer)	<ram:BuildingNumber>	0..1	BD	C	C	C	NU	NU	Max16Text	
3.3.9	+++Payee Trade Party	Payee	<ram:PayeeTradeParty>	0..1	BD	BD	BD	BD	NU	NU		
3.3.9.1	++++ID	Payee ID	<ram:ID>	0..n	BD	BD	BD	BD	NU	NU	Max35Text	8.6
3.3.9.2	++++Global ID	Payee Global ID	<ram:GlobalID>	0..n	BD	BD	BD	BD	NU	NU	Max70Text @schemeID @schemeAgencyID	8.6
3.3.9.3	++++Name	Payee Name	<ram:Name>	0..1	BD	R	R	R	NU	NU	Max256Text	
3.3.9.4	++++Specified Tax Registration	Tax registration details	<ram:SpecifiedTaxRegistration >	0..1	BD	C	C	C	NU	NU		
3.3.9.4.1	+++++ID	Tax ID Number	<ram:ID>	0..1	R	R	R	R	NU	NU	Max35Text @schemeID	8.6
3.3.9.5	++++Defined Trade Contact	Contact details	<ram:DefinedTradeContact>	0..n	BD	BD	BD	BD	NU	NU		
3.3.9.5.1	+++++Person Name	Contact name	<ram:PersonName>	0..1	BD	BD	BD	BD	NU	NU	Max140Text	
3.3.9.5.2	+++++Department Name	Department name	<ram:DepartmentName>	0..1	BD	BD	BD	BD	NU	NU	Max140Text	
3.3.9.5.3	+++++E-mail URI Universal Communication	Email communication	<ram:EmailURIUniversalCommunicatio n>	0..1	BD	BD	BD	BD	NU	NU		

Table 2 Structure of Invoice, Receipt, Cancellation note, Tax Invoice, Debit note/Credit note, and Abbreviated Tax Invoice in electronic format

Index	Name	Message Item Name	<XML Tag>	Mult	INV	RCT	TIV	DCN	CLN	ABB	Represent/ Type	Rule/ Guid. No.
3.3.9.5.3.1	+++++URI ID	Email	<ram:URIID>	0..1	BD	BD	BD	BD	NU	NU	Max256Text	
3.3.9.5.4	+++++Telephone Universal Communication	Telephone communication	<ram:TelephoneUniversalCommunicat ion>	0..1	BD	BD	BD	BD	NU	NU		
3.3.9.5.4.1	+++++Phone Number	Phone number	<ram:CompleteNumber>	0..1	BD	BD	BD	BD	NU	NU	Max35Text	
3.3.9.6	++++Postal Trade Address	Address (payee)	<ram:PostalTradeAddress>	0..1	BD	R	R	R	NU	NU		8.7
3.3.9.6.1	+++++Post Code	Postal code (payee)	<ram:PostcodeCode>	0..1	BD	C	C	C	NU	NU	Max16Text	
3.3.9.6.2	+++++Building Name	Building name (payee)	<ram:BuildingName>	0..1	BD	BD	BD	BD	NU	NU	Max70Text	
3.3.9.6.3	+++++Line 1	Address Line 1 (payee)	<ram:LineOne>	0..1	BD	C	C	C	NU	NU	Max256Text	
3.3.9.6.4	+++++Line 2	Address Line 2 (payee)	<ram:LineTwo>	0..1	BD	C	C	C	NU	NU	Max256Text	
3.3.9.6.5	+++++Line 3	Soi (payee)	<ram:LineThree>	0..1	BD	BD	BD	BD	NU	NU	Max70Text	
3.3.9.6.6	+++++Line 4	Village (payee)	<ram:LineFour>	0..1	BD	BD	BD	BD	NU	NU	Max70Text	
3.3.9.6.7	+++++Line 5	Moo number (payee)	<ram:LineFive>	0..1	BD	BD	BD	BD	NU	NU	Max70Text	
3.3.9.6.8	+++++Street Name	Street (payee)	<ram:StreetName>	0..1	BD	BD	BD	BD	NU	NU	Max70Text	
3.3.9.6.9	+++++City Name	District name (payee)	<ram:CityName>	0..1	BD	C	C	C	NU	NU	Max70Text	8.9
3.3.9.6.10	+++++City Sub-Division Name	Subdistrict name (payee)	<ram:CitySubDivisionName>	0..1	BD	C	C	C	NU	NU	Max70Text	8.8
3.3.9.6.11	+++++Country ID	Country code (payee)	<ram:CountryID>	0..1	R	R	R	R	NU	NU	CountryIDType	8.11
3.3.9.6.12	+++++Country Sub- Division ID	Province code (payee)	<ram:CountrySubDivisionID>	0..1	BD	C	C	C	NU	NU	Max35Text	8.10
3.3.9.6.13	+++++Building Number	Building number (payee)	<ram:BuildingNumber>	0..1	BD	C	C	C	NU	NU	Max16Text	

Table 2 Structure of Invoice, Receipt, Cancellation note, Tax Invoice, Debit note/Credit note, and Abbreviated Tax Invoice in electronic format

Index	Name	Message Item Name	<XML Tag>	Mult	INV	RCT	TIV	DCN	CLN	ABB	Represent/ Type	Rule/ Guid. No.
3.4	++Included Supply Chain Trade Line Item	Supply Chain Trade Line Item	<ram:IncludedSupplyChainTradeLineItem>	0..n	R	R	R	R	NU	R		
3.4.1	+++Associated Document Line Document	Associated Document Line Document	<ram:AssociatedDocumentLineDocument>	1..1	R	R	R	R	NU	R		
3.4.1.1	++++Line ID	Line ID	<ram:LineID>	0..1	R	R	R	R	NU	R	Max35Text	
3.4.2	+++Specified Trade Product	Trade Product	<ram:SpecifiedTradeProduct>	0..1	C	C	C	C	NU	C		
3.4.2.1	++++ID	Product ID	<ram:ID>	0..1	BD	BD	BD	BD	NU	BD	Max35Text	8.20
3.4.2.2	++++Global ID	Product Global ID	<ram:GlobalID>	0..1	BD	BD	BD	BD	NU	BD	Max70Text @schemeID @schemeAgencyID	8.20
3.4.2.3	++++Name	Product Name	<ram:Name>	0..n	R	R	R	R	NU	R	Max256Text @languageID	
3.4.2.4	++++Description	Product Description	<ram:Description >	0..n	BD	BD	BD	BD	NU	BD	Max256Text @languageID	
3.4.2.5	++++Individual Trade Product Instance	Product Instance	<ram:IndividualTradeProductInstance>	0..n	BD	BD	BD	BD	NU	BD		
3.4.2.5.1	+++++Batch ID	Production Batch Number	<ram:BatchID>	0..1	BD	BD	BD	BD	NU	BD	Max35Text	
3.4.2.5.2	+++++Expiry Date Time	Expiration Date	<ram:ExpiryDateTime>	0..1	BD	BD	BD	BD	NU	BD	ISODateTime	8.5
3.4.2.6	+++++Designated Product Classification	Product Classification	<ram:DesignatedProductClassification>	0..1	BD	BD	BD	BD	NU	BD		
3.4.2.6.1	++++++Class Code	Product Classification Code	<ram:ClassCode>	0..1	BD	BD	BD	BD	NU	BD	Max35Text @listName @listVersionID	8.21
3.4.2.6.2	++++++Class Name	Product Classification Name	<ram:ClassName>	0..n	BD	BD	BD	BD	NU	BD	Max256Text @languageID	8.21

Table 2 Structure of Invoice, Receipt, Cancellation note, Tax Invoice, Debit note/Credit note, and Abbreviated Tax Invoice in electronic format

Index	Name	Message Item Name	<XML Tag>	Mult	INV	RCT	TIV	DCN	CLN	ABB	Represent/ Type	Rule/ Guid. No.
3.4.2.7	++++Origin Trade Country	Country of Origin Information	<ram:OriginTradeCountry>	0..1	BD	BD	BD	BD	NU	BD		
3.4.2.7.1	+++++ID	Country of Origin Code	<ram:ID>	0..1	BD	BD	BD	BD	NU	BD	TypeCode	8.11
3.4.2.8	++++Information Note	Additional Information	<ram:InformationNote >	0..n	BD	BD	BD	BD	NU	BD		
3.4.2.8.1	+++++Subject	Subject	<ram:Subject>	0..1	BD	BD	BD	BD	NU	BD	Max500Text	
3.4.2.8.2	+++++Content	Content	<ram:Content>	0..n	BD	BD	BD	BD	NU	BD	Max500Text	
3.4.3	+++Specified Line Trade Agreement	Line Trade Agreement	<ram:SpecifiedLineTradeAgreement>	0..1	BD	R	R	R	NU	R		
3.4.3.1	++++Gross Price Product Trade Price	Gross Price Product Trade Price	<ram:GrossPriceProductTradePrice>	0..1	BD	BD	BD	BD	NU	BD		
3.4.3.1.1	+++++Charge Amount	Charge Amount	<ram:ChargeAmount>	1..n	R	R	R	R	NU	R	Amount @currencyID	8.19
3.4.3.1.2	+++++Applied Trade Allowance Charge	Trade Allowance Charge	<ram:AppliedTradeAllowanceCharge>	0..n	BD	BD	BD	BD	NU	BD		8.16
3.4.3.1.2.1	++++++Charge Indicator	Allowance or Charge Indicator	<ram:ChargeIndicator>	0..1	BD	BD	BD	BD	NU	BD	true or false	
3.4.3.1.2.2	++++++Actual Amount	Allowance or Charge Amount	<ram:ActualAmount>	0..n	BD	BD	BD	BD	NU	BD	Amount @currencyID	
3.4.3.1.2.3	++++++ReasonCode	Allowance or Charge Reason Code	<ram:ReasonCode >	0..1	BD	BD	BD	BD	NU	BD	Max16Code	
3.4.3.1.2.4	++++++Reason	Allowance or Charge Reason	<ram:Reason>	0..1	BD	BD	BD	BD	NU	BD	Max256Text	
3.4.3.1.2.5	++++++Type Code	Allowance or Charge Type Code	<ram:TypeCode>	0..1	BD	BD	BD	BD	NU	BD	Max16Code	

Table 2 Structure of Invoice, Receipt, Cancellation note, Tax Invoice, Debit note/Credit note, and Abbreviated Tax Invoice in electronic format

Index	Name	Message Item Name	<XML Tag>	Mult	INV	RCT	TIV	DCN	CLN	ABB	Represent/ Type	Rule/ Guid. No.
3.4.4	+++ Specified Line Trade Delivery	Line Trade Delivery	<ram:SpecifiedLineTradeDelivery>	0..1	BD	R	R	R	NU	R		
3.4.4.1	++++Billed Quantity	Product Quantity	<ram:BilledQuantity>	0..1	BD	C	C	C	NU	C	Quantity @unitCode	8.18
3.4.4.2	++++Per Package Unit Quantity	Packaging Size per Sales Unit	<ram:PerPackageUnitQuantity>	0..1	BD	BD	BD	BD	NU	BD	Quantity @unitCode	8.18
3.4.5	+++Specified Line Trade Settlement	Line Trade Settlement	<ram:SpecifiedLineTradeSettlement>	0..1	R	R	R	R	NU	R		
3.4.5.1	++++Applicable Trade Tax	Applicable Trade Tax	<ram:ApplicableTradeTax>	0..n	BD	BD	BD	BD	NU	BD		8.15
3.4.5.1.1	+++++Type Code	Tax Type Code	<ram:TypeCode>	0..1	BD	BD	R	R	NU	BD	TypeCode	
3.4.5.1.2	+++++Calculated Rate	Tax Rate	<ram:CalculatedRate>	0..1	BD	BD	R	R	NU	BD	PercentageRate	
3.4.5.1.3	+++++Basis Amount	Value of Goods/Services (Excl. VAT, rounded to 2 decimal places)	<ram:BasisAmount>	0..n	BD	BD	R	R	NU	BD	Amount @currencyID	
3.4.5.1.4	+++++Calculated Amount	VAT Amount (rounded to 2 decimal places)	<ram:CalculatedAmount>	0..n	BD	BD	R	R	NU	BD	Amount @currencyID	
3.4.5.2	++++Specified Trade Allowance Charge	Trade Allowance Charge	<ram:SpecifiedTradeAllowanceCharge>	0..n	BD	BD	BD	BD	NU	BD		8.16
3.4.5.2.1	+++++Charge Indicator	Allowance or Charge Indicator	<ram:ChargeIndicator>	0..1	BD	BD	BD	BD	NU	BD	true or false	
3.4.5.2.2	+++++Actual Amount	Allowance or Charge Amount	<ram:ActualAmount>	0..n	BD	BD	BD	BD	NU	BD	Amount @currencyID	
3.4.5.2.3	+++++Reason Code	Allowance or Charge Reason Code	<ram:ReasonCode >	0..1	BD	BD	BD	BD	NU	BD	Max16Code	

Table 2 Structure of Invoice, Receipt, Cancellation note, Tax Invoice, Debit note/Credit note, and Abbreviated Tax Invoice in electronic format

Index	Name	Message Item Name	<XML Tag>	Mult	INV	RCT	TIV	DCN	CLN	ABB	Represent/ Type	Rule/ Guid. No.
3.4.5.2.4	+++++Reason	Allowance or Charge Reason	<ram:Reason>	0..1	BD	BD	BD	BD	NU	BD	Max256Text	
3.4.5.2.5	+++++Type Code	Allowance or Charge Type Code	<ram:TypeCode>	0..1	BD	BD	BD	BD	NU	BD	Max16Code	
3.4.5.3	++++Specified Trade Settlement Monetary Summation	Trade Settlement Line Monetary Summation	<ram:SpecifiedTradeSettlementLine MonetarySummation>	0..1	BD	R	R	R	NU	R		
3.4.5.3.1	+++++Tax Total Amount	Tax Total Amount	<ram:TaxTotalAmount>	0..n	BD	BD	BD	BD	NU	BD	Amount @currencyID	
3.4.5.3.2	+++++Net Line Total Amount	Net Line Total Amount (Total Amount Before Tax)	<ram:NetLineTotalAmount>	0..n	BD	BD	R	R	NU	R	Amount @currencyID	8.19
3.4.5.3.3	+++++Net Including Taxes Line Total Amount	Net Including Taxes Line Total Amount	<ram:NetIncludingTaxesLineTotal Amount>	0..n	BD	BD	R	BD	NU	R	Amount @currencyID	8.19

## 7. Data Field Application Rules

Data field application rules in the electronic debit notes/credit notes

### R1 LineTotalAmountRule

If ApplicableLineTradeSettlement  
/SpecifiedTradeSettlementLineMonetarySummation/LineTotalAmount and  
ApplicableSupplyChainTradeSettlement/ApplicableTradeTax/BasisAmount is present,  
then ApplicableSupplyChainTradeSettlement  
/SpecifiedTradeSettlementMonetarySummation/LineTotalAmount must equal the  
sum of all occurrences of  
ApplicableSupplyChainTradeSettlement/ApplicableTradeTax/BasisAmount.

### R2 GrandTotalAmountRule

If ApplicableSupplyChainTradeSettlement/  
SpecifiedTradeSettlementMonetarySummation/GrandTotalAmount is present, then it  
must equal the sum of ApplicableSupplyChainTradeSettlement  
/SpecifiedTradeSettlementMonetarySummation /DifferenceInformationAmount and  
ApplicableSupplyChainTradeSettlement  
/SpecifiedTradeSettlementMonetarySummation/TaxTotalAmount.

### R3 DifferenceTotalAmountRule

If ApplicableSupplyChainTradeSettlement  
/SpecifiedTradeSettlementMonetarySummation /DifferenceInformationAmount is  
/present, then it must equal the difference between  
ApplicableSupplyChainTradeSettlement  
/SpecifiedTradeSettlementMonetarySummation /OriginalInformationAmount and  
ApplicableSupplyChainTradeSettlement  
/SpecifiedTradeSettlementMonetarySummation/LineTotalAmount.



## 8. Application Specifications

- 8.1 Guidelines for identifying data field entries in electronic messages for the purchase and sale of products and services.

Specifying the attributes of groups of data and the attributes of data fields consists of four forms of relationships, each of which has a recommendation for recording as follows.

**Table 2 Guidelines for identifying groups of data and data fields**

Attribute of data groups	Attribute of data fields	Recommendation
R	There is at least one data field entry as R	A data field entry must be recorded that is R, which may or may not record other data fields.
	All data fields are BD	At least one data field must be recorded, any of which is an agreement between the buyer and the seller.
BD	There is at least one data field entry as R	When such a data group application is used, there must be a data field entry recorded that is R, which may or may not record other data fields.
	All data fields are BD	When such a data group application is used, there must be at least 1 data field recorded, any of which are according to the agreement between the buyer and seller.

- 8.2 Guidelines for Referencing Standard Manual Code (Guideline No.)

The Standard Manual Code (1.1.1) is the identification of the Standard Manual and the version of the Standard Manual, where this electronic data is used or referred to, as follows:

```

<rsm:ExchangedDocumentContext>
  <ram:GuidelineSpecifiedDocumentContextParameter>
    <ram:ID schemeAgencyID="ETDA" schemeVersionID="v2.0">
      ER3-2560
    </ram:ID>
  </ram:GuidelineSpecifiedDocumentContextParameter>
</rsm:ExchangedDocumentContext>

```

### 8.3 Guidelines for Identifying Document Type

The document name (2.2) and document type code (2.3) identify the document type of this electronic information and the document name must correspond to the document type code, where the document name has at most 1 name and the document name and document type code, if it is an e-Invoice (INV) can be referenced from the UN/EDIFACT 1001 Document name code (Appendix B.1) which can be identified as follows:

```
<ram:Name>invoice</ram:Name>
<ram:TypeCode>380</ram:TypeCode>
```

And if it is an e-Receipt (RCT), an e-Tax Invoice (TIV), electronic debit/credit note (DCN) and Abbreviated e-Tax Invoice (ABB), it can be referenced from RD/ETDA 1001 Thai Document name code invoice (Appendix B.2) and can be identified as follows:

```
<ram:Name>Receipt/Tax Invoice</ram:Name>
<ram:TypeCode>T03</ram:TypeCode>
```

### 8.4 Guidelines for Identifying Purpose for Document Issuance Code (Purpose Code)

The purpose for the issuance of a document (2.5) is the reason for issuing a document with this electronic information, whereby the purpose code must be recorded in debit/credit notes (DCN) and when issuing documents to replace original tax invoices, receipts or abbreviated tax invoices. The reason for issuing the document must be recorded on the new tax invoices, receipts or abbreviated tax invoices, and the purpose code can be referenced from the RD 1225 Thai Message function code (Appendix B.3). Purpose codes and their explanation can be specified as follows:

```
<ram:Purpose>Miscalculated service price higher than actual</ram:Purpose>
<ram:PurposeCode>CDNS03</ram:PurposeCode>
```

In the case of specifying a Purpose Code for another cause, the reason for issuing the document must also be specified, for example:.

```
<ram:Purpose>Unable to supply products as agreed</ram:Purpose>
<ram:PurposeCode>CDNS99</ram:PurposeCode>
```

Additionally, the Purpose Code for the issuance of documents B.3 can be referenced from the UN/EDIFACT 1225 Message Function Code list (Appendix B.4)

## 8.5 Guidelines for specifying the day, month, year and time

Guidelines for specifying the day, month, year and time (2.6 2.8), (3.1.4.2), (3.1.5.2), (3.2.3.1) and (3.4.5.5.2) in ISODateTime type data compliant with ISO 8601 can be identified as follows

- The world standard time format or Coordinated Universal Time: UTC is YYYY-MM-DDThh:mm:ss.sssZ
- The local time format which identifies the time zone is YYYY-MM-DDThh:mm:ss.sss+/-hh:mm
- The local time format is YYYY-MM-DDThh:mm:ss.sss

00:00:00 is specified as the start time of each day and 24:00:00 as the final time of each day. Also, additional decimals of seconds may be identified, with an agreement to determine the number of decimal places to be used. An example of identifying a day, month and time is 2002-07-21T08:35:30, etc.

## 8.6 Guidelines for identifying information on relevant parties: buyer, seller, ship-to, ship-from, invoicer, invoicee, payer, and payee.

Identity of information on relevant parties It can be divided into 3 types:

- Internal codes (3.1.1.1), (3.1.2.1), (3.2.1.1), (3.2.2.1), (3.3.6.1), (3.3.7.1), (3.3.8.1) and (3.3.9.1) are codes defined by the buyer or seller who can use letters (A-Z) or numbers (0-9) where a maximum of 1 internal code can be specified, and a maximum of 35 characters can be specified. as follows:

```
<ram:BuyerTradeParty>
  <ram:ID>ABCDEFGHJKLMNOPQRST123456789012345</ram:ID>
</ram:BuyerTradeParty>
```

- International codes (3.1.1.2), (3.1.2.2), (3.2.1.2), (3.2.2.2), (3.3.6.2), (3.3.7.2), (3.3.8.2) and (3.3.9.2) are international codes such as Global Location Number (GLN) with GS1 as the data code administrator, and the Object Identifier (OID) can specify up to 70 characters and can be identified. as follows:

```
<ram:BuyerTradeParty>
  <ram:GlobalID SchemeID="GLN" SchemeAgencyID="GS1">
    ABCDEFGHJKLMNOPQRST123456789012345</ram:GlobalID>
</ram:BuyerTradeParty>
```

- The tax ID codes (3.1.1.4.1), (3.1.2.4.1), (3.3.6.4.1), (3.3.7.4.1), (3.3.8.4.1) และ (3.3.9.4.1) are 13-digit tax ID codes followed by the branch code and, if it is the headquarters, by "00000" and SchemeID is identified as TXID. (Appendix B.16)

```
<ram:SpecifiedTaxRegistration>
    <ram:ID schemeID="TXID">123456789012300000</ram:ID>
</ram: SpecifiedTaxRegistration >
```

- For the tax ID code in the case of an individual, enter the 13-digit personal ID number, enter SchemeID as "NIDN".

```
<ram:SpecifiedTaxRegistration>
    <ram:ID schemeID="NIDN" >
        1234567890123
    </ram:ID>
</ram:SpecifiedLegalOrganization>
```

- For the tax ID code in case of foreign individual, enter the passport number identifying SchemeID as "CCPT".

```
<ram:SpecifiedTaxRegistration>
    <ram:ID schemeID="CCPT" >
        A123456
    </ram:ID>
</ram: SpecifiedTaxRegistration >
```

- A buyer who does not wish to provide a taxpayer number schemeID can be identified as "OTHR" and the value of ram:ID as N/A

```
<ram:SpecifiedTaxRegistration>
    <ram:ID schemeID="OTHR">N/A</ram:ID>
</ram: SpecifiedTaxRegistration>
```

Note            For attribute schemeID specified with the default value of "TXID", if the attribute schemeID is not specified, it is considered that the schemeID has the value of "TXID" (Appendix B.16)

## 8.7 Guidelines for identifying an address

Identification of an address in electronic data can be divided into two types: unstructured and structured, with the following recommendation for identifying an address.

- In the case of a structured address in Thailand, the structured address is identified by the subdistrict name specified by the district code according to Section 8.8, the district name specified by the district code according to Section 8.9, and the province name specified by the provincial code according to Section 8.10.
- In the case of an address in another country, it is identified as unstructured.
- Recommendations in cases where address data groups are BD.
  - (1) At least the post code and country code should be recorded.
  - (2) When it is necessary to use an unstructured format, lines 1-2 (LineOne, LineTwo) are used.
  - (3) When it is necessary to use a structured format, at least the name of the subdistrict, the name of the district and the province code are recorded.
- Recommendations in cases where address data groups are R.
  - (1) There must be a record of address information in at least a structured or unstructured format.
  - (2) When it is necessary to use an unstructured format, lines 1-2 (LineOne, LineTwo) are used.
  - (3) When it is necessary to use a structured format, at the minimum the name of the subdistrict, the name of the district and the province code are recorded.
  - (4) At the minimum, the post code and the country code must be recorded in all cases.

Table 3 Data fields of data groups of unstructured and structured addresses of buyer, seller and ship-to

	Seller	Buyer	Ship-To	Ship-From	Invoicer	Invoicee	Payer	Payee
Internal code	3.1.1.1	3.1.2.1	3.2.1.1	3.2.2.1	3.3.6.1	3.3.7.1	3.3.8.1	3.3.9.1
International code	3.1.1.2	3.1.2.2	3.2.1.2	3.2.2.2	3.3.6.2	3.3.7.2	3.3.8.2	3.3.9.2
Taxpayer ID number	3.1.1.4.1	3.1.2.4.1	3.2.1.4.1	3.2.2.4.1	3.3.6.4.1	3.3.7.4.1	3.3.8.4.1	3.3.9.4.1
<b>Unstructured address</b>								
Address Line 1	3.1.1.6.3	3.1.2.6.3	3.2.1.5.3	3.2.2.5.3	3.3.6.6.3	3.3.7.6.3	3.3.8.6.3	3.3.9.6.3
Address Line 2	3.1.1.6.4	3.1.2.6.4	3.2.1.5.4	3.2.2.5.4	3.3.6.6.4	3.3.7.6.4	3.3.8.6.4	3.3.9.6.4
<b>Structured address</b>								
Building name	3.1.1.6.2	3.1.2.6.2	3.2.1.5.2	3.2.2.5.2	3.3.6.6.2	3.3.7.6.2	3.3.8.6.2	3.3.9.6.2
Soi	3.1.1.6.5	3.1.2.6.5	3.2.1.5.5	3.2.2.5.5	3.3.6.6.5	3.3.7.6.5	3.3.8.6.5	3.3.9.6.5
Village	3.1.1.6.6	3.1.2.6.6	3.2.1.5.6	3.2.2.5.6	3.3.6.6.6	3.3.7.6.6	3.3.8.6.6	3.3.9.6.6
Village number	3.1.1.6.7	3.1.2.6.7	3.2.1.5.7	3.2.2.5.7	3.3.6.6.7	3.3.7.6.7	3.3.8.6.7	3.3.9.6.7
Street	3.1.1.6.8	3.1.2.6.8	3.2.1.5.8	3.2.2.5.8	3.3.6.6.8	3.3.7.6.8	3.3.8.6.8	3.3.9.6.8
District	3.1.1.6.9	3.1.2.6.9	3.2.1.5.9	3.2.2.5.9	3.3.6.6.9	3.3.7.6.9	3.3.8.6.9	3.3.9.6.9
Subdistrict	3.1.1.6.10	3.1.2.6.10	3.2.1.5.10	3.2.2.5.10	3.3.6.6.10	3.3.7.6.10	3.3.8.6.10	3.3.9.6.10
Province	3.1.1.6.12	3.1.2.6.12	3.2.1.5.12	3.2.2.5.12	3.3.6.6.12	3.3.7.6.12	3.3.8.6.12	3.3.9.6.12
Country	3.1.1.6.11	3.1.2.6.11	3.2.1.5.11	3.2.2.5.11	3.3.6.6.11	3.3.7.6.11	3.3.8.6.11	3.3.9.6.11
Post code	3.1.1.6.1	3.1.2.6.1	3.2.1.5.1	3.2.2.5.1	3.3.6.6.1	3.3.7.6.1	3.3.8.6.1	3.3.9.6.1

## 8.8 City Subdivision Identification

City Sub-Division Name (3.1.1.6.10), (3.1.2.6.10), (3.2.1.5.10), (3.3.6.6.10), (3.3.7.6.10), (3.3.8.6.10) and (3.3.9.6.10) can be referenced from TISI 1099 (TIS. 1099) (Appendix B.5)

## 8.9 City Identification

City Name (3.1.1.6.9), (3.1.2.6.9), (3.2.1.5.9), (3.3.6.6.9), (3.3.7.6.9), (3.3.8.6.9) and (3.3.9.6.9) can be referenced from TISI 1099 (TIS. 1099) (Appendix B.5)

## 8.10 Sub-Country Identification

Country Sub-Division ID (3.1.1.6.12), (3.1.2.6.12), (3.2.1.5.12), (3.3.6.6.12), (3.3.7.6.12), (3.3.8.6.12) and (3.3.9.6.12) can be referenced from ISO 3166-2 Country subdivision code (Appendix B.6)

#### 8.11 Country Identification

Country ID (3.1.1.6.11), (3.1.2.6.11), (3.2.1.5.11), (3.3.6.6.11), (3.3.7.6.11), (3.3.8.6.11) and (3.3.9.6.11) can be referenced from ISO 3166-1 country code (Appendix B.7)

#### 8.12 Trade Term Code Identification

Delivery Type Code (3.1.3.1) can be referenced from UNECE Recommendation No. 5 Abbreviations of INCOTERMS (Appendix B.8)

#### 8.13 (Additional Referenced Document Identification

Buyer Order Referenced Document (3.1.4) and Additional Referenced Document (3.1.5) can be referenced from UN/EDIFACT 1153 Reference code quantifier (Appendix B.9)

```
<ram:BuyerOrderReferencedDocument>
  <ram:IssuerAssignedID>
    ABCDEFGHIJKLMNOPQRST123456789012345
  </ram:IssuerAssignedID>
  <ram:IssueDateTime>2002-07-21T08:35:30</ram:IssueDateTime>
<ram:ReferenceTypeCode>ON</ram:ReferenceTypeCode>
</ram:BuyerOrderReferencedDocument>
<ram:AdditionalReferencedDocument>
  <ram:IssuerAssignedID>
    ABCDEFGHIJKLMNOPQRST123456789012345
  </ram:IssuerAssignedID>
  <ram:IssueDateTime>2002-07-21T08:35:30</ram:IssueDateTime>
  <ram:ReferenceTypeCode>388</ram:ReferenceTypeCode>
</ram:AdditionalReferencedDocument>
```

#### Notes

- (1) In the case where it is necessary to specify the types of documents referenced in Table 2, refer to Appendix. B.2 For example, tax invoices use code 388, or receipts use code T01, etc.
- (2) Identification of additional referenced documents in a Cancellation Note (CLN) can specify only 1 original document to be canceled (1 cancellation notice per 1 original document). So in the Cancellation Note, the Additional Referenced Document data field is specified as 1..1

## 8.14 Guidelines for Identifying Document Currency Code

The currency code (3.3.1) can be referenced from the ISO 4217 Currency code list (Annex B.10)

## 8.15 Guidelines for Identifying Tax Data

There are many forms of tax such as Value Added Tax (VAT) 0%, Vat 7%, and Exemption Tax (FRE). Identification of the tax type code (3.3.2.1) can be referenced from the list of UN/EDIFACT 5153 Duty or tax or fee type name codes (Appendix B.) as follows:

```

<ram:ApplicableTradeTax>
  <ram:TypeCode>VAT</ram:TypeCode>
  <ram:CalculatedRate>7</ram:CalculatedRate>
  <ram:BasisAmount currencyID="THB">100.00</ram:BasisAmount>
  <ram:CalculatedAmount currencyID="THB">7.00</ram:CalculatedAmount>
</ram:ApplicableTradeTax>
<ram:ApplicableTradeTax>
  <ram:TypeCode>VAT</ram:TypeCode>
  <ram:CalculatedRate>0</ram:CalculatedRate>
  <ram:BasisAmount currencyID="THB" >1000.00</ram:BasisAmount>
  <ram:CalculatedAmount currencyID="THB">0.00</ram:CalculatedAmount>
</ram:ApplicableTradeTax>
  <ram:ApplicableTradeTax>
    <ram:TypeCode>FRE</ram:TypeCode>
    <ram:BasisAmount currencyID="THB">500.00</ram:BasisAmount>
    <ram:CalculatedAmount currencyID="THB">0.00</ram:CalculatedAmount>
  </ram:ApplicableTradeTax>

```

## 8.16 Guidelines for Identifying Data on Allowances or Charges

Data on types of allowances or charges by identifying the type of allowance or charge (3.3.3.5, 3.4.3.1.2.5 and 3.4.5.2.5) can be referenced from the UN/EDIFACT 5189 Allowance or Charge Identification code list (Appendix B.12) and can be said to be an allowance or charge from the indicator of allowances or charges (3.3.3.1), (3.4.3.1.2.1) and (3.4.5.2.1) where True = Charge and False = Allowance and can be identified as follows:



```
<ram:SpecifiedTradeAllowanceCharge>
  <ram:ChargeIndicator>False</ram:ChargeIndicator>
  <ram:ActualAmount currencyID="THB">100.00</ram:ActualAmount>
  <ram:TypeCode>95</ram:TypeCode>
</ram:SpecifiedTradeAllowanceCharge>
```

Allowances and charges (3.4.3.1.2) are allowances and charges on each unit of products and allowances and charges (3.4.5.2) are allowances and charges on items. (3.3.3) gives the allowances and charges at the end of the item where the sum total of all allowances ((3.3.3.1) which has the value False appears in the data field at (3.3.5.4) and the sum total of all charges ((3.3.3.1) which has the value True appears in the data field at (3.3.5.5).

#### 8.17 Guidelines for Identifying Trade Payment Codes

The terms of payment (3.3.4.1) can be referenced in the UNECE Recommendation No. 17 Abbreviations for Terms of Payment codes (Annex B.13)

#### 8.18 Guidelines for Identifying Units of Products and Quantities of Products (Units of Measure Codes)

Units and quantities of products (3.4.4.1) and (3.4.4.2) can identify codes for units of products from the attribute of the data, can be referenced from the list of UNECE Recommendation No. 20 Codes for Units of Measure Used in International Trade (Appendix B.14), and can be identified as follows:

```
<ram:SpecifiedSupplyChainTradeDelivery>
  <ram:BilledQuantity unitCode="BX">5</ram:BilledQuantity>
</ram:SpecifiedSupplyChainTradeDelivery>
```

In addition, there are recommendations in the case where the code data of unit of products and quantity of products is C, that when products are sold, the data must be identified as (R), and when a service is provided, this data will not be specified (NU).

## 8.19 Guidelines for Identifying Currency and Financial Amounts Codes

Currency and financial amounts codes (3.4.5.3.2) and (3.4.5.3.3) can identify currency codes from the data attributes from ISO 4217 Currency Code (Appendix B.10) and can be identified as follows:

```
<ram:SpecifiedTradeSettlementMonetarySummation>
  <ram:NetLineTotalAmount currencyID="THB">
    2000
  </ram:NetLineTotalAmount>
  <ram:NetIncludingTaxesLineTotalAmount currencyID="THB">
    2000
  <ram:NetIncludingTaxesLineTotalAmount>
</ram:SpecifiedTradeSettlementMonetarySummation>
```

## 8.20 Guidelines for Identifying Products

Product identity can be divided into 2 types:

- The internal product code (3.4.2.1) is a code defined by the buyer or seller who can use letters (A-Z) or numbers (0-9) with a maximum of 35 characters and can be identified as follows:

```
<ram:SpecifiedTradeProduct>
  <ram:ID>ABCDEFGHIJKLMNQRST123456789012345</ram:ID>
</ram:SpecifiedTradeProduct>
```

- It is recommended that the international product code (3.4.2.1), if it is a standard product, is a Global Trade Item Number (GTIN) code with GS1 as the data code administrator, which consists of 14 digits (0-9). as follows:

```
<ram:SpecifiedTradeProduct>
  <ram:GlobalID schemeID="GTIN" schemeAgencyID="GS1">
    12345678901234
  </ram:GlobalID >
</ram:SpecifiedTradeProduct>
```

In addition, if it is a tax invoice, debit/credit note, and abbreviated e-Tax Invoice, the data field of product names (3.4.2.3) and product details (3.4.2.4) must contain product details comprising name, type, and category, but if it is an e-Receipt it must contain product details comprising name and type.

## 8.21 Guidelines for Identifying Product Classification Codes

For Product Classification codes (3.4.2.6) it is recommended to use UNSPSC (United Nations Standard Products and Services Code) (details in Appendix C.2) In the Class Code section, an attribute listName can identify product classification standard names by specifying "UNSPSC". In the listVersionID section, specifying the version of the UNSPSC standard. For the configuration of the value of the class code, specify the product classification code, which is an 8-digit number. In the Class Name section, and identify the name of the product classification by identifying the attribute of the Class Name with the language code as in Appendix. B.15. It can be identified as follows:

```
<ram:DesignatedProductClassification>
  <ram:ClassCode listName="UNSPSC" listVersionID="19.0501" >
    14111507
  </ram:ClassCode>
  <ram:ClassName languageID="tha" >
    กระดาษถ่ายเอกสารหรือพิมพ์งานทั่วไป
  </ram:ClassName>
  <ram:ClassName languageID="eng" >
    General printer or copier paper
  </ram:ClassName>
</ram:DesignatedProductClassification>
```

Note For attribute languageID, set the automatically selected value (default) to "tha". If <ram:ClassName> does not specify languageID, assume that the value of languageID is based on default values.

## 8.22 Global Document ID

Global Document ID (2.7) can identify the code of a document from international codes. The user can identify schemeID as the ID of their preferred code structure, such as OID (Object Identification; further details can be found at the website <https://oid.estandard.center>). A maximum of 70 characters can be identified. Here are some examples:

```
<ram:GlobalID schemeID="OID">
  2.16.764.1.1.2.1.X.X.X
</ram:GlobalID>
```

### 8.23 Proxy Issuers of Documents (Invoicers)

The Invoicer Trade Party (3.3.6) data field is used to identify data on registered dealers (who are appointed to receive payments for products or services and issue tax invoices on behalf of the registered entrepreneur principal) according to the criteria, methods and conditions prescribed by law

In the case of issuing tax invoices, debt increase/reduction notes, or e-Receipts issued by an agent (the issuer is not the seller), the data in the data field identifies the issuer instead of the invoicer (3.3.6). In a cancellation note and debt increase/decrease note, the information on the invoicer must be specified (3.3.6) in the case of an original document that needs to be canceled by the invoicer only.

## Appendix A Data Field Types

### A.1 PercentageRate

<b>Definition:</b>	Rate expressed as a percentage, ie, in hundredths, eg, 0.7 is 7/10 of a percent, and 7.0 is 7%.
<b>Format:</b>	fractionDigits: 10 totalDigits: 11 baseValue: 100.0
<b>Example:</b>	35

### A.2 Amount

<b>Definition:</b>	Amount of money asked or paid for the charge.
<b>Format:</b>	fractionDigits: 5 minInclusive: 0 totalDigits: 18

### A.3 Quantity

<b>Definition:</b>	Quantity of a product on a line specified by a number. For example, 100 (kgs), 50 (pieces).
<b>Format:</b>	fractionDigits: 17 totalDigits: 18

### A.4 ISODatetime

<b>Definition:</b>	<p>A particular point in the progression of time defined by a mandatory date and a mandatory time component, expressed in either UTC time format (YYYY-MMDDThh:mm:ss.sssZ), local time with UTC offset format (YYYY-MM-DDThh:mm:ss.sss +/-hh:mm), or local time format (YYYY-MM-DDThh:mm:ss.sss). These representations are defined in "XML Schema Part 2: Datatypes Second Edition - W3C Recommendation 28 October 2004" which is aligned with ISO 8601.</p> <p>Note on the time format:</p> <p>1) beginning / end of calendar day 00:00:00 = the beginning of a calendar day 24:00:00 = the end of a calendar day</p> <p>2) fractions of second in time format</p>
--------------------	--

	Decimal fractions of seconds may be included. In this case, the involved parties shall agree on the maximum number of digits that are allowed.
<b>Example:</b>	2002-07-21T08:35:30

## n.5 True or False

<b>Definition:</b>	Indication of whether or not this allowance charge is a charge.
<b>Format:</b>	One of the following YesNoIndicator values must be used: MeaningWhenTrue: Yes MeaningWhenFalse: No

## n.6 PhoneNumber

<b>Definition:</b>	The collection of information which identifies a specific phone or FAX number as defined by telecom services. It consists of a "+" followed by the country code (from 1 to 3 characters) then a "-" and finally, any combination of numbers, "(", ")", "+ and "-" (up to 30 characters).
<b>Format:</b>	\+[0-9]{1,3}-[0-9()+\-]{1,30}
<b>Example:</b>	+1-(465)432-123

## A.7 Text

## (1) Max16Text

<b>Definition:</b>	Specifies a character string with a maximum length of 16 characters.
<b>Format:</b>	maxLength: 16 minLength: 1
<b>Example:</b>	ABCdEFghIJKLMNO?

## (2) Max35Text

<b>Definition:</b>	Specifies a character string with a maximum length of 35 characters.
<b>Format:</b>	maxLength: 35 minLength: 1
<b>Example:</b>	ABCDEFGHIJKLMNOPQRST123456789012345

## (3) Max70Text

<b>Definition:</b>	Specifies a character string with a maximum length of 70 characters.
<b>Format:</b>	maxLength: 70 minLength: 1

Example:	ABCDEFGHIJKLMN OPQRST12345678901234567890123456789012345678901234567890
----------	--

(4) Max140Text

[illegible]

(5) Max256Text

[illegible]

(6) Max500Text

[illegible]

(7) Max2048Text

<b>Definition:</b>	Specifies a character string with a maximum length of 2048 characters.
<b>Format:</b>	maxLength: 2048 minLength: 1
<b>Example:</b>	Sample1

## Appendix B Data Code

B.1 Code list of document name and document type code UN/EDIFACT 1001 Document Name  
Code Invoice

Code	Document Name
82	Metered services invoice
83	Credit note related to financial adjustments
84	Debit note related to financial adjustments
261	Self billed credit note
262	Consolidated credit note - products and services
325	Proforma invoice
380	Commercial invoice
381	Credit note
383	Debit note
384	Corrected invoice
385	Consolidated invoice
386	Prepayment invoice
389	Self-billed invoice
395	Consignment invoice
396	Factored credit note

B.2 Code list of document name and document type code RD/ETDA 1001 Thai Document Name  
Code Invoice (Addition from Appendix B.1)

Code	Document Name
80	Debit note
81	Credit note
380	Invoice
388	Tax Invoice
T01	Receipt
T02	Invoice/ Tax Invoice
T03	Receipt/ Tax Invoice
T04	Delivery order/ Tax Invoice
T05	Abbreviated Tax Invoice



Code	Document Name
T06	Receipt/Abbreviated Tax Invoice
T07	Cancellation note

Available from: [https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/uncefact/codelist/standard/ThaiDocumentNameCode\\_Invoice\\_1p0.xsd](https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/uncefact/codelist/standard/ThaiDocumentNameCode_Invoice_1p0.xsd)

B.3 List of Purpose Codes for issuing debt increase/reduction notes, credit notes/receipts (RD 1225 Thai Message Function Code)

Purpose Code	Explanation
<b>Purpose Codes for issuing debit notes (<i>in the case of the sale of products</i>)</b>	
DBNG01	Increase in the price of products (products in excess of the agreed quantity).
DBNG02	Miscalculated price of products lower than is the case.
DBNG99	Other reasons (specify)
<b>Purpose Codes for issuing debit notes (<i>in the case of services</i>)</b>	
DBNS01	Increased service charges (services exceed the agreed terms)
DBNS02	Miscalculated price of services lower than is the case.
DBNS99	Other reasons (specify)
<b>Purpose Codes for issuing credit notes (<i>in the case of the sale of products</i>)</b>	
CDNG01	Price of products sold is reduced (products violate the agreed terms).
CDNG02	Defective products
CDNG03	Products short of the agreed amount
CDNG04	Miscalculated product prices higher than is the case
CDNG05	Products returned (not as described)
CDNG99	Other reasons (specify)
<b>Purpose Codes for issuing credit notes (<i>in the case of services</i>)</b>	
CDNS01	Price of service is reduced (service violates the agreed terms).
CDNS02	Service fees missing
CDNS03	Miscalculated service price higher than is the case

Purpose Code	Explanation
CDNS04	Termination of service contract
CDNS99	Other reasons (specify)
<b>Reasons for cancellation of tax invoice and issuance of replacement tax invoice</b>	
TIVC01	Wrong name
TIVC02	Wrong address
TIVC99	Other reasons (specify)
<b>Cancellation of receipt and issuance of a replacement</b>	
RCTC01	Wrong name
RCTC02	Wrong address
RCTC03	Total return of products/cancellation of service (specify amount of money) ..... baht
RCTC04	Partial return of products/cancellation of service (specify amount of money) ..... baht
RCTC99	Other reasons (specify)

Available from: [https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/ETDA/codelist/standard/Thai\\_MessageFunctionCode\\_1p0.xsd](https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/ETDA/codelist/standard/Thai_MessageFunctionCode_1p0.xsd)

#### B.4 List of UNECE 1225 Message function codes

Available from: [https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/ETDA/codelist/standard/ThaiMessageFunctionCode\\_1p0.xsd](https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/ETDA/codelist/standard/ThaiMessageFunctionCode_1p0.xsd)

#### B.5 List of codes related to TISI 1099 – 2548

City Subdivision Code

Available from: [https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/ETDA/codelist/standard/TISICitySubDivisionName\\_1p0.xsd](https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/ETDA/codelist/standard/TISICitySubDivisionName_1p0.xsd)

City Code

Available from: [https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/ETDA/codelist/standard/TISICityName\\_1p0.xsd](https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/ETDA/codelist/standard/TISICityName_1p0.xsd)

#### B.6 List of codes related to ISO 3166-2 Subdivision Country codes

Available from: [https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/ETDA/codelist/standard/ThaiSOCountrySubdivisionCode\\_1p0.xsd](https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/ETDA/codelist/standard/ThaiSOCountrySubdivisionCode_1p0.xsd)

B.7 List of codes related to ISO 3166-1 Country codes

Available from: [https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/uncefact/identifierlist/standard/ISO\\_ISOTwo-letterCountryCode\\_SecondEdition2006.xsd](https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/uncefact/identifierlist/standard/ISO_ISOTwo-letterCountryCode_SecondEdition2006.xsd)

B.8 List of codes related to UNECE Recommendation No. 5 Abbreviations of INCOTERMS

Available from: [https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/uncefact/codelist/standard/UNECE\\_DeliveryTermsCode\\_2010.xsd](https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/uncefact/codelist/standard/UNECE_DeliveryTermsCode_2010.xsd)

B.9 List of codes related to UN/EDIFACT 1153 Reference code qualifier

(In the case where the types of references contained in Table 2 need to be identified, refer to Appendix B.2, for example, tax invoices use code 388, or receipts use code T01, etc.)

Code	Description
IV	Reference number to identify an invoice
LC	Reference number identifying the letter of credit document
LS	Bar coded label serial number
ON	Order document identifier, buyer assigned
SE	Identification number of an item which distinguishes this specific item out of an number of identical items
ALT	Previous tax control number
DL	Debit Note Number
CD	Credit Note Number
ZZZ	Mutually defined reference number

Available from: [https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/uncefact/codelist/standard/UNECE\\_ReferenceTypeCode\\_D14A.xsd](https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/uncefact/codelist/standard/UNECE_ReferenceTypeCode_D14A.xsd)

B.10 Codes related to ISO 4217 Currency code

Available from: [https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/uncefact/codelist/standard/ISO\\_ISO3AlphaCurrencyCode\\_2012-08-31.xsd](https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/uncefact/codelist/standard/ISO_ISO3AlphaCurrencyCode_2012-08-31.xsd)

## B.11 Codes related to UN/EDIFACT 5153 14B Duty or tax or fee type name code

Available from: [https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/uncefact/codelist/standard/UNECE\\_DutyTaxFeeTypeCode\\_D14A.xsd](https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/uncefact/codelist/standard/UNECE_DutyTaxFeeTypeCode_D14A.xsd)

## B.12 Codes related to UN/EDIFACT 5189 Allowance or charge Identification code

Code	Description
28	Stamp duty
30	Bank charges
52	Minimum commission
55	Transfer charges
57	Miscellaneous charges
58	Foreign exchange charges
65	An allowance or charge as specified in a special agreement
66	Sample discount
77	Rush delivery surcharge
82	Loading charge
85	Warehousing charge
95	A reduction from a usual or list price
96	Charge for insurance

Available from: [https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/uncefact/codelist/standard/UNECE\\_AllowanceChargeIdentificationCode\\_D14A.xsd](https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/uncefact/codelist/standard/UNECE_AllowanceChargeIdentificationCode_D14A.xsd)

## B.13 Codes related to UNECE Recommendation No. 17 Abbreviations for Terms of Payment

Available from: [https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/uncefact/codelist/standard/UNECE\\_PaymentTermsTypeCode\\_D14A.xsd](https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt/-/blob/master/uncefact/codelist/standard/UNECE_PaymentTermsTypeCode_D14A.xsd)

B.14 Codes related to Recommendation No. 20 Codes for Units of Measure Used in International Trade

Available from: [https://schemas.teda.th/teda/teda-objects/common/uncefact/codelist/rec20\\_Rev17e-2021.xlsx](https://schemas.teda.th/teda/teda-objects/common/uncefact/codelist/rec20_Rev17e-2021.xlsx)

B.15 Codes related to ISO 639-2 Language code

B.15 Codes related to ISO 639-2 Language code

Available from: <https://schemas.teda.th/teda/teda-objects/common/iso/codelist/iso639-2.pdf>

Code	Description
tha	Thai language
eng	English language
chi	Chinese language
jpn	Japanese language
spa	Spanish language
ger	German language

B.16 Codes for identifying schemeID of Tax ID Code

schemeID Code	Description
TXID	Tax ID
NIDN	National Registration Identification Number
CCPT	Number assigned by an authority to identify the passport number of a person
OTHR	Other Identification scheme

B.17 Codes for allowance charge adjustment reason UN/ EDIFACT 4465 Adjustment reason description code

Available from: [https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt-/blob/master/uncefact/codelist/standard/UNECE\\_AllowanceChargeReasonCode\\_D15B.xsd](https://schemas.teda.th/teda/teda-objects/common/e-tax-invoice-receipt-/blob/master/uncefact/codelist/standard/UNECE_AllowanceChargeReasonCode_D15B.xsd)

## Appendix C Recommendations for Other Relevant Applications (Additional)

### C.1 Guidelines for Electronic Signatures

Regarding the specifications for electronic signatures in the case of messages on the buying and selling of products and services under the structure in Subject 6, in the case of tax invoices under Section 86/4 of the Revenue Code, debit notes under Section 86/9 of the Revenue Code, credit notes under Section 86/10 of the Revenue Code, credit notes under Section 86/10 of the Revenue Code, and receipts under Section 105 bis of the Revenue Code, the Revenue Code, reference can be made to the guidelines for electronic signatures in the form of XML Advanced Electronic Signature (XAdES) in accordance with the guidelines of the ETDA Recommendation on ICT Standard for Electronic Transactions on the use of XML messages. For electronic data exchanges between entities in which the signature on the e-Tax Invoice must be in the form of a Basic XAdES electronic signature, the data field which at least must appear in the signature, in addition to an XML Signature, includes the time when the signature is made in the data field or SigningTime. (Examples of XAdES electronic signatures appear in Appendix D.).

### C.2 Guidelines for the Use of Products and Services Code

The UNSPSC (United Nations Standard Products and Services Code) is a product and service code used around the world for categorizing the list of products and services. UNSPSC has a taxonomy of products and services by dividing codes into 4 interlinked ranks, each of which consists of two digits for use in identifying classes of products and services into subgroups.

- Segment is the highest ranking code of product and service types.
- Family is the second ranking code of product and service types beneath Segment.
- Class is the third ranking code of product and service types beneath Family.
- Commodity is the fourth ranking code of product and service types beneath Class.

Example of the meaning of UNSPSC 14111507

Rank	UNSPSC Code Number	Product Classification
Segment	<b>14</b> 111507	Materials for making paper and paper products
Family	<b>1411</b> 1507	Paper products
Class	<b>141115</b> 07	Paper for printing and writing

Rank	UNSPSC Code Number	Product Classification
Commodity	<b>14111507</b>	General copy or printing paper



## Appendix D Example of e-Tax Invoice in the Form of XML with XAdES Electronic Signature

```

<rsm:TaxInvoice_CrossIndustryInvoice
  xmlns:ram="urn:etda:uncefact:data:standard:TaxInvoice_ReusableAggregateBusinessInformationEntity:2"
  xmlns:rsm="urn:etda:uncefact:data:standard:TaxInvoice_CrossIndustryInvoice:2"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="urn:etda:uncefact:data:standard:TaxInvoice_CrossIndustryInvoice:2 file:///data
/standard/TaxInvoice_CrossIndustryInvoice_2p0.xsd">
  <rsm:ExchangedDocumentContext>
    <ram:GuidelineSpecifiedDocumentContextParameter>
      <ram:ID schemeAgencyID="ETDA" schemeVersionID="v2.0">ER3-2560</ram:ID>
    </ram:GuidelineSpecifiedDocumentContextParameter>
  </rsm:ExchangedDocumentContext>
  <rsm:ExchangedDocument>
    <ram:ID>RDTIV0575526000058001</ram:ID>
    <ram:Name>ใบกำกับภาษี</ram:Name>
    <ram:TypeCode>388</ram:TypeCode>
    <ram:IssueDateTime>2016-09-12T19:19:25.0</ram:IssueDateTime>
    <ram:CreationDateTime>2016-09-12T15:51:26.0</ram:CreationDateTime>
    <ram:IncludedNote>
      <ram:Subject>หมายเหตุ</ram:Subject>
    </ram:IncludedNote>
  </rsm:ExchangedDocument>
  <rsm:SupplyChainTradeTransaction>
    <ram:ApplicableHeaderTradeAgreement>
      <ram:SellerTradeParty>
        <ram:Name>บริษัท ร่วมสมัยบูรณการมอเลิศทรอนิกส์ จำกัด</ram:Name>
        <ram:SpecifiedTaxRegistration>
          <ram:ID schemeID="TXID">057552600909900000</ram:ID>
        </ram:SpecifiedTaxRegistration>
        <ram:PostalTradeAddress>
          <ram:PostcodeCode>10310</ram:PostcodeCode>
          <ram:CityName>1017</ram:CityName>
          <ram:CitySubDivisionName>101701</ram:CitySubDivisionName>
          <ram:CountryID schemeID="3166-1 alpha-2">TH</ram:CountryID>
          <ram:CountrySubDivisionID>10</ram:CountrySubDivisionID>
          <ram:BuildingNumber>3/34</ram:BuildingNumber>
        </ram:PostalTradeAddress>
      </ram:SellerTradeParty>
    </ram:ApplicableHeaderTradeAgreement>
  </rsm:SupplyChainTradeTransaction>
</rsm:TaxInvoice_CrossIndustryInvoice>

```

```

<ram:BuyerTradeParty>
  <ram:Name>ธำรา ขึ้นคำ</ram:Name>
  <ram:SpecifiedTaxRegistration>
    <ram:ID schemeID="NIDN">1104599001271</ram:ID>
  </ram:SpecifiedTaxRegistration>
  <ram:PostalTradeAddress>
    <ram:PostcodeCode>10330</ram:PostcodeCode>
    <ram:LineThree>อุฬารทอง 10</ram:LineThree>
    <ram:StreetName>พระราม 6</ram:StreetName>
    <ram:CityName>1004</ram:CityName>
    <ram:CitySubDivisionName>100402</ram:CitySubDivisionName>
    <ram:CountryID schemeID="3166-1 alpha-2">TH</ram:CountryID>
    <ram:CountrySubDivisionID>10</ram:CountrySubDivisionID>
    <ram:BuildingNumber>799/89</ram:BuildingNumber>
  </ram:PostalTradeAddress>
</ram:BuyerTradeParty>
<ram:ApplicableHeaderTradeAgreement>
<ram:ApplicableHeaderTradeDelivery>
  <ram:ShipToTradeParty>
    <ram:PostalTradeAddress>
      <ram:PostcodeCode>10330</ram:PostcodeCode>
      <ram:LineThree>อุฬารทอง 10</ram:LineThree>
      <ram:StreetName>พระราม 6</ram:StreetName>
      <ram:CityName>1004</ram:CityName>
      <ram:CitySubDivisionName>100402</ram:CitySubDivisionName>
      <ram:CountryID schemeID="3166-1 alpha-2">TH</ram:CountryID>
      <ram:CountrySubDivisionID>10</ram:CountrySubDivisionID>
      <ram:BuildingNumber>799/89</ram:BuildingNumber>
    </ram:PostalTradeAddress>
  </ram:ShipToTradeParty>
</ram:ApplicableHeaderTradeDelivery>
<ram:ApplicableHeaderTradeSettlement>
  <ram:InvoiceCurrencyCode listID="ISO 4217 3A">THB</ram:InvoiceCurrencyCode>
  <ram:ApplicableTradeTax>
    <ram:TypeCode>VAT</ram:TypeCode>
    <ram:CalculatedRate>7</ram:CalculatedRate>
    <ram:BasisAmount>62550</ram:BasisAmount>
    <ram:CalculatedAmount>4378.5</ram:CalculatedAmount>
  </ram:ApplicableTradeTax>
  <ram:SpecifiedTradeAllowanceCharge>
    <ram:ChargeIndicator>false</ram:ChargeIndicator>
    <ram:ActualAmount>500</ram:ActualAmount>
    <ram:TypeCode>95</ram:TypeCode>
  </ram:SpecifiedTradeAllowanceCharge>

```

```

        </ram:SpecifiedTradeSettlementHeaderMonetarySummation>
        <ram:LineTotalAmount>63050</ram:LineTotalAmount>
        <ram:AllowanceTotalAmount>3000</ram:AllowanceTotalAmount>
        <ram:TaxBasisTotalAmount>62550</ram:TaxBasisTotalAmount>
        <ram:TaxTotalAmount>4378.5</ram:TaxTotalAmount>
        <ram:GrandTotalAmount>66928.5</ram:GrandTotalAmount>
    </ram:SpecifiedTradeSettlementHeaderMonetarySummation>
</ram:ApplicableHeaderTradeSettlement>
<ram:IncludedSupplyChainTradeLineItem>
    <ram:AssociatedDocumentLineDocument>
        <ram:LineID>1</ram:LineID>
    </ram:AssociatedDocumentLineDocument>
    <ram:SpecifiedTradeProduct>
        <ram:ID>PR00001</ram:ID>
        <ram:Name>คินสอยเขียนคิ้ว</ram:Name>
        <ram:IndividualTradeProductInstance>
            <ram:ExpiryDateTime>1970-01-01T07:00:00.0</ram:ExpiryDateTime>
        </ram:IndividualTradeProductInstance>
    </ram:SpecifiedTradeProduct>
    <ram:SpecifiedLineTradeAgreement>
        <ram:GrossPriceProductTradePrice>
            <ram:ChargeAmount>359</ram:ChargeAmount>
        </ram:GrossPriceProductTradePrice>
    </ram:SpecifiedLineTradeAgreement>
    <ram:SpecifiedLineTradeDelivery>
        <ram:BilledQuantity unitCode="PIECE">150</ram:BilledQuantity>
    </ram:SpecifiedLineTradeDelivery>
    <ram:SpecifiedLineTradeSettlement>
        <ram:ApplicableTradeTax>
            <ram:TypeCode>VAT</ram:TypeCode>
            <ram:CalculatedRate>7</ram:CalculatedRate>
            <ram:BasisAmount>52350</ram:BasisAmount>
            <ram:CalculatedAmount>3664.50</ram:CalculatedAmount>
        </ram:ApplicableTradeTax>
        <ram:SpecifiedTradeAllowanceCharge>
            <ram:ChargeIndicator>false</ram:ChargeIndicator>
            <ram:ActualAmount>1500.00</ram:ActualAmount>
            <ram:TypeCode>95</ram:TypeCode>
        </ram:SpecifiedTradeAllowanceCharge>
        <ram:SpecifiedTradeSettlementLineMonetarySummation>
            <ram:TaxTotalAmount>3664.5</ram:TaxTotalAmount>
            <ram:NetLineTotalAmount
currencyID="THB">52350</ram:NetLineTotalAmount>
            <ram:NetIncludingTaxesLineTotalAmount
currencyID="THB">56014.5</ram:NetIncludingTaxesLineTotalAmount>
        </ram:SpecifiedTradeSettlementLineMonetarySummation>
    </ram:SpecifiedLineTradeSettlement>
</ram:IncludedSupplyChainTradeLineItem>

```

```

<ram:IncludedSupplyChainTradeLineItem>
  <ram:AssociatedDocumentLineDocument>
    <ram:LineID>2</ram:LineID>
  </ram:AssociatedDocumentLineDocument>
  <ram:SpecifiedTradeProduct>
    <ram:ID>ST20061602</ram:ID>
    <ram:Name>บริษัทออน</ram:Name>
    <ram:IndividualTradeProductInstance>
      <ram:BatchID>1.8</ram:BatchID>
      <ram:ExpiryDateTime>2016-06-30T07:00:00.0</ram:ExpiryDateTime>
    </ram:IndividualTradeProductInstance>
  </ram:SpecifiedTradeProduct>
  <ram:SpecifiedLineTradeAgreement>
    <ram:GrossPriceProductTradePrice>
      <ram:ChargeAmount>39</ram:ChargeAmount>
    </ram:GrossPriceProductTradePrice>
  </ram:SpecifiedLineTradeAgreement>
  <ram:SpecifiedLineTradeDelivery>
    <ram:BilledQuantity unitCode="EA">300</ram:BilledQuantity>
  </ram:SpecifiedLineTradeDelivery>
  <ram:SpecifiedLineTradeSettlement>
    <ram:ApplicableTradeTax>
      <ram:TypeCode>VAT</ram:TypeCode>
      <ram:CalculatedRate>7</ram:CalculatedRate>
      <ram:BasisAmount>10700</ram:BasisAmount>
      <ram:CalculatedAmount>749</ram:CalculatedAmount>
    </ram:ApplicableTradeTax>
    <ram:SpecifiedTradeAllowanceCharge>
      <ram:ChargeIndicator>false</ram:ChargeIndicator>
      <ram:ActualAmount>1000.00</ram:ActualAmount>
      <ram:TypeCode>95</ram:TypeCode>
    </ram:SpecifiedTradeAllowanceCharge>
    <ram:SpecifiedTradeSettlementLineMonetarySummation>
      <ram:TaxTotalAmount>749</ram:TaxTotalAmount>
      <ram:NetLineTotalAmount currencyID="THB">10700</ram:NetLineTotalAmount>
      <ram:NetIncludingTaxesLineTotalAmount
currencyID="THB">11449</ram:NetIncludingTaxesLineTotalAmount>
    </ram:SpecifiedTradeSettlementLineMonetarySummation>
  </ram:SpecifiedLineTradeSettlement>
</ram:IncludedSupplyChainTradeLineItem>
</rsm:SupplyChainTradeTransaction>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#" Id="xmldsig-186cb59f-c7be-4e9d-a1e8-9fa311754f7e">
</ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/TR/2001/REC-xml-c14n-20010315"></ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha512"></ds:SignatureMethod>
<ds:Reference Id="xmldsig-186cb59f-c7be-4e9d-a1e8-9fa311754f7e-ref0" URI="">

```

```

<ds:Transforms>
<ds:Transform Algorithm="http://www.w3.org/2000/09/xmldsig#enveloped-signature"></ds:Transform>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#sha512"></ds:DigestMethod>
<ds:DigestValue>b4R8f69mpNJPtI2Zt9FOZWniRwjf2fiqKFv0g5EGBeRQqr6fTVJE0CDZ82oJrLyzuReCmUu+I1/A
QwfbZeoTHw=</ds:DigestValue>
</ds:Reference>
<ds:Reference Type="http://uri.etsi.org/01903#SignedProperties" URI="#xmldsig-186cb59f-c7be-4e9d-a1e8-9fa311754f7e-signedprops">
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#sha512"></ds:DigestMethod>
<ds:DigestValue>VvqXofGma8O/8aYD7uge2fP0bs7yXU8q33igPwTxvkJ9BtPfO3YLIgtqcugXTfF7E6DjxgodRxEI
3lCa5f2sMQ=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue Id="xmldsig-186cb59f-c7be-4e9d-a1e8-9fa311754f7e-sigvalue">
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## **Appendix E. Form of Electronic Messages for the Purchase and Sale of Products and Services**

These forms of electronic text for the purchase and sale of products and services cover the following electronic information:

- (1) e-Invoice
- (2) e-Receipt
- (3) e-Tax Invoice
- (4) Electronic Debit/Credit Note
- (5) Abbreviated e-Tax Invoice

Seller 3.1.1				Invoice no.			
Trader Code (Seller)	3.1.1.1			Standard Manual Code	1.1.1		
International Trader Code (Seller)	3.1.1.2			Global Document ID	2.7	Document No.	2.1
Seller Name	3.1.1.3			Document Type Code	2.3	Document Name	2.2
Taxpayer ID No. (Seller)	3.1.1.4.1	Branch Code (Seller)	3.1.1.4.1	Day/Month/Year Document Issued	2.4	Day/Month/Year Document Produced	2.8
E-mail (Seller)	3.1.1.5.3.1			Subject	2.9.1	Content	2.9.2
Building No. (Seller)	3.1.1.6.2	House No. (Seller)	3.1.1.6.13	Purpose Code	2.6	Document Purpose	2.5
Soi (Seller)	3.1.1.6.5	Village (Seller)	3.1.1.6.6	Other Reference 3.1.4			
Village No. (Seller)	3.1.1.6.7	Street (Seller)	3.1.1.6.8	Purchase Order No.	3.1.4.1	Day/Month/Year Purchase Order	3.1.4.3
Subdistrict (Seller)	3.1.1.6.10	District (Seller)	3.1.1.6.9	Reference Type Code	3.1.5.1	Day/Month/Year Reference Produced	3.1.5.3
Province (Seller)	3.1.1.6.12	Country Code (Seller)	3.1.1.6.11	Buyer (if other than consignee)			
Post Code (Seller)	3.1.1.6.1						
Address Line 1 (Seller)	3.1.1.6.3						
Address Line 2 (Seller)	3.1.1.6.4						
Consignee 3.1.2				Ship From	3.2.2		
Trader Code (Buyer)	3.1.2.1			Trader Code (Shipper)	3.2.2.1		
International Trader Code (Buyer)	3.1.2.2			International Trader Code (Shipper)	3.2.2.2		
Buyer Name	3.1.2.3			Shipper Name	3.2.2.3		
Taxpayer ID No. (Buyer)	3.1.2.4.1	Branch Code (Buyer)	3.1.2.4.1	Terms of Delivery and Payment 3.2.1			
E-mail (Buyer)	3.1.2.5.3.1			Shipping Date and Time	3.2.3.1		
Building Name (Buyer)	3.1.2.6.2	House No. (Buyer)	3.1.2.6.13	Trader Code (Consignee)	3.2.1.1		
Soi (Buyer)	3.1.2.6.5	Village (Buyer)	3.1.2.6.6	International Trader Code (Consignee)	3.2.1.2		
Village No. (Buyer)	3.1.2.6.7	Street (Buyer)	3.1.2.6.8	Consignee Name	3.2.1.3	Telephone No (Consignee)	3.2.1.4.4.1
Subdistrict (Buyer)	3.1.2.6.10	District (Buyer)	3.1.2.6.9	Contact Person Name (Consignee)	3.2.1.4.1	Department Name (Consignee)	3.2.1.4.2
Province (Buyer)	3.1.2.6.12	Country Code (Buyer)	3.1.2.6.11	Building No. (Consignee)	3.2.1.5.2	House No. (Consignee)	3.2.1.5.13
Post Code (Buyer)	3.1.2.6.1			Soi (Consignee)	3.2.1.5.5	Village (Consignee)	3.2.1.5.6
Address Line 1 (Buyer)	3.1.2.6.3			Village No. (Consignee)	3.2.1.5.7	Street (Consignee)	3.2.1.5.8
Address Line 2 (Buyer)	3.1.2.6.4			Subdistrict (Consignee)	3.2.1.5.10	District Code (Consignee)	3.2.1.5.9
				Province (Consignee)	3.2.1.5.12	Country Code (Consignee)	3.2.1.5.11
				Post Code (Consignee)	3.2.1.5.1		
				Address Line 1 (Consignee)	3.2.1.5.3		
				Address Line 2 (Consignee)	3.2.1.5.4		
				Trade Term Code	3.1.3.1		
				Payment			
				Currency Code	3.3.1		
				Terms of Payment	3.3.4.1		



Invoicer Trade Party (Agent Issuing Document) 3.3.6				Invoicee Trade Party Recipient) 3.3.7			
Invoicer Code	3.3.6.1			Invoicee Code	3.3.7.1		
International Code (Invoicer)	3.3.6.2			International Code (Invoicee)	3.3.7.2		
Name (Invoicer)	3.3.6.3			Name (Invoicee)	3.3.7.3		
Taxpayer ID No. (Invoicer)	3.3.6.4.1			Taxpayer ID No. (Invoicee)	3.3.7.4.1		
E-mail (Invoicer)	3.3.6.5.3.1			E-mail (Invoicee)	3.3.7.5.3.1		
Building Name (Invoicer)	3.3.6.6.2	House No. (Invoicer)	3.3.6.6.13	Building Name (Invoicee)	3.3.7.6.2	House No. (Invoicee)	3.3.7.6.13
Soi (Invoicer)	3.3.6.6.5	Village (Invoicer)	3.3.6.6.6	Soi (Invoicee)	3.3.7.6.5	Village (Invoicee)	3.3.7.6.6
Village No. (Invoicer)	3.3.6.6.7	Street (Invoicer)	3.3.6.6.8	Village No. (Invoicee)	3.3.7.6.7	Street (Invoicee)	3.3.7.6.8
Subdistrict (Invoicer)	3.3.6.6.10	District (Invoicer)	3.3.6.6.9	Subdistrict (Invoicee)	3.3.7.6.6.10	District (Invoicee)	3.3.7.6.9
Province (Invoicer)	3.3.6.6.12	Country Code (Invoicer)	3.3.6.6.11	Province (Invoicee)	3.3.7.6.6.12	Country Code (Invoicee)	3.3.7.6.11
Post Code (Invoicer)	3.3.6.6.1			Post Code (Invoicee)	3.3.7.6.6.1		
Address Line 1 (Invoicer)	3.3.6.6.3			Address Line 1 (Invoicee)	3.3.7.6.6.3		
Address Line 2 (Invoicer)	3.3.6.6.4			Address Line 2 (Invoicee)	3.3.7.6.6.4		
Payer Trade Party 3.3.8				Payee Trade Party 3.3.9			
Payer Code	3.3.8.1			Payee Code	3.3.9.1		
International Code (Payer)	3.3.8.2			International Code (Payee)	3.3.9.2		
Name (Payer)	3.3.8.3			Name (Payee)	3.3.9.3		
Taxpayer ID No. (Payer)	3.3.8.4.1			Taxpayer ID No. (Payee)	3.3.9.4.1		
E-mail (Payer)	3.3.8.5.3.1			E-mail (Payee)	3.3.9.5.3.1		
Building Name (Payer)	3.3.8.6.2	House No. (Payer)	3.3.8.6.13	Building Name (Payee)	3.3.9.6.2	House No. (Payee)	3.3.9.6.13
Soi (Payer)	3.3.8.6.5	Village (Payer)	3.3.8.6.6	Soi (Payee)	3.3.9.6.5	Village (Payee)	3.3.9.6.6
Village No. (Payer)	3.3.8.6.7	Street (Payer)	3.3.8.6.8	Village No. (Payee)	3.3.9.6.7	Street (Payee)	3.3.9.6.8
Subdistrict (Payer)	3.3.8.6.10	District (Payer)	3.3.8.6.9	Subdistrict (Payee)	3.3.9.6.10	District (Payee)	3.3.9.6.9
Province (Payer)	3.3.8.6.12	Country Code (Payer)	3.3.8.6.11	Province (Payee)	3.3.9.6.12	Country Code (Payee)	3.3.9.6.11
Post Code (Payer)	3.3.8.6.1			Post Code (Payee)	3.3.9.6.1		
Address Line 1 (Payer)	3.3.8.6.3			Address Line 1 (Payee)	3.3.9.6.3		
Address Line 2 (Payer)	3.3.8.6.4			Address Line 2 (Payee)	3.3.9.6.4		

Specification of Commodities (in code and/or in full)						Quantity		Amount	
List Order	3.4.1.1	Product Code	3.4.2.1	International Product Code	3.4.2.2	Product Quantity @ Unit of Mesurement	3.4.4.1	Charge and Allowance	3.4.5.2.2
Product Name	3.4.2.3	Product Details	3.4.2.4	Product Class Name	3.4.2.6.2	Sale Package Size @ Unit of Mesurement	3.4.4.2	Reason for Charge or Allowance	3.4.5.2.4
Price per Unit	3.4.3.1.1	Country of Origin Code	3.4.2.7.1	Production Batch	3.4.2.5.1			Total Amount before Tax	3.4.5.3.2
Cost of Discount and Fee (per Unit)	3.4.3.1.2.2	Charge Type (per Unit)	3.4.3.1.2.3	Expiry Date	3.4.2.5.2			VAT	3.4.5.3.1
Tax Type	3.4.5.1.1	Reason for Charge or Allowance	3.4.3.1.2.4					Total Amount	3.4.5.3.3
Taxable Value of Product/Service	3.4.5.1.3	Tax Rate	3.5.1.2						
Tax Value (2 decimal places)	3.4.5.1.4								
Subject	3.4.2.8.1								
Content	3.4.2.8.2								
List Order	3.4.1.1	Product Code	3.4.2.1	International Product Code	3.4.2.2	Product Quantity @ Unit of Mesurement	3.4.4.1	Charge and Allowance	3.4.5.2.2
Product Name	3.4.2.3	Product Details	3.4.2.4	Product Class Name	3.4.2.6.2	Sale Package Size @ Unit of Mesurement	3.4.4.2	Reason for Charge or Allowance	3.4.5.2.4
Price per Unit	3.4.3.1.1	Country of Origin Code	3.4.2.7.1	Production Batch	3.4.2.5.1			Total before Tax	3.4.5.3.2
Cost of Discount and Fee (per Unit)	3.4.3.1.2.2	Charge Type (per Unit)	3.4.3.1.2.3	Expiry Date	3.4.2.5.2			VAT	3.4.5.3.1
Tax Type	3.4.5.1.1	Reason for Charge or Allowance	3.4.3.1.2.4					Total Amount	3.4.5.3.3
Taxable Value of Product/Service	3.4.5.1.3	Tax Rate	3.5.1.2						
Tax Value (2 decimal places)	3.4.5.1.4								
Subject	3.4.2.8.1								
Content	3.4.2.8.2								
Charge or Allowance Data 3.3.3									
Reason for Charge or Allowance 3.3.3.4 Value of Charge or Allowance 3.3.3.2									
Reason for Charge or Allowance 3.3.3.4 Value of Charge or Allowance 3.3.3.2									
Total Invoice Amount									
Tax Type Code	3.3.2.1	VAT Value	3.3.2.4	Total Value as per Original Document	3.3.5.1				
Value of Product/Service	3.3.2.3	Tax Rate	3.3.2.2	Total Value as per Correct List/Value	3.3.5.2				
(Excluding VAT to 2 decimal place)s				Price Difference	3.3.5.3				
				Total Allowances	3.3.5.4				
Tax Type Code	3.3.2.1	VAT Value	3.3.2.4	Total Charges	3.3.5.5				
Value of Product/Service	3.3.2.3	Tax Rate	3.3.2.2	VAT Taxable Value	3.3.5.6				
(Excluding VAT to 2 decimal place)s				Total VAT (2 decimal places)	3.3.5.7				
				Total/Total Including VAT	3.3.5.8				