

# **Ministry of Finance E-Invoice Platform**

## **Message Implementation Guideline For E-Invoice Data Exchange (Message Implementation Guideline)**

**Ver : 4.0**

**Fiscal Information Agency, Ministry of Finance**

**March 17, 2023**

## Revision History :

Version	Description of revision	Date of issue
Ver 1.0	First issue	2005/11/01
Ver 2.0	No revision	2005/12/15
Ver 2.1	DonateMark added; B2C description of Role Group revised	2006/01/20
Ver 2.2	“Chapter 5 Specifications for data check result message” added	2006/04/15
Ver 2.3	“Chapter 16 A1101 Invoice Message (Extension for Steel Industry)” and “Chapter 17 B1101 Allowance Message (Extension for Steel Industry)” added; specifications of A0101 and B0101 revised to delete UnitPrice2, Unit2, Quantity2 and Ammount2.	2006/05/30
Ver 2.4	<ol style="list-style-type: none"> <li>1. Details element of A0101, B0101, A1101 and B1101 revised to add a new level of element ProductItem.</li> <li>2. Cardinality of all message tree MG Line#1s revised from “1..n” to “1”</li> <li>3. Length of PersonInCharge revised to 12</li> <li>4. 01: three-sheet; 02: two-sheet; 03: two-sheet for cashier machine; 04. Special tax rate; 05: computer; and 06: three-sheet for cashier machine added to the Remark of InvoiceType.</li> <li>5. “Chapter 5 Specifications for data check result message” deleted; refer for the check mechanism developed by users for the data checkmechanism.</li> </ol>	2006/09/28
Ver 2.5	<ol style="list-style-type: none"> <li>1. The XML Schema syntaxes of “SalesAmount (\$NTD),” “TaxAmount” and “TotalAmount” in A0101 and A1101 revised from int to decimal.</li> <li>2. The XML Schema syntaxes of “SalesAmount (\$NTD),” “TaxAmount” and “TotalAmount” in B0101 and B1101 revised from int to decimal.</li> <li>3. Figure and table numbers and titles added.</li> <li>4. Page headers, chapter titles and version added.</li> </ol>	2007/01/19
Ver 2.6	<ol style="list-style-type: none"> <li>1. Remark of Identifier in Table 3 RoleDescriptionType revised: B2B: buyer/seller – BAN B2C: seller – BAN; buyer – fill out 10 “0s”</li> <li>2. Remark of Name in Table 3 RoleDescriptionType revised: B2B: buyer/seller – name of business entity B2C: seller – name of business entity; buyer – personal identifier that allows a business entity to inform consumers, which contains 4 alphabets and</li> </ol>	2007/03/26

Version	Description of revision	Date of issue
	<p>no Chinese character.</p> <p>3. Examples added to Table 5: Year, Month and Day</p> <p>4. Examples added to Table 11: InvoiceNumber, InvoiceDate, InvoiceTime, TaxCenter, PermitDate, PermitWord and PermitNumber</p> <p>5. In Tables 14 and 46, "SequenceNumber" changed to "SequenceNumber" and remark added.</p> <p>6. Examples added to Table 24: Number, and descriptions to OriginalSequenceNumber and AllowanceSequenceNumber</p> <p>7. Examples added to Table 30: CancelInvoiceNumber, CancelTime</p> <p>8. Examples added to Table 32: CancelInvoiceNumber, ReceiveTime</p> <p>9. Example added to Table 34: CancelTime</p> <p>10. Example added to Table 36: ReceiveTime</p> <p>11. Example added to Table 38: RejectTime</p> <p>12. Examples added to Table 40: RejectInvoiceNumber, ReceiveTime</p> <p>13. Examples added to Table 43: InvoiceNumber, InvoiceTime</p>	
Ver 3.2.1	Cooperate with the Ministry of Health and Welfare's "Product Traceability System Serial Code" system to adjust the total remarks and single-field remarks of A0101, A0401 and C0401.	2020/4/13
Ver 4.0	<p>I. Consolidation of Deposit invoices</p> <p>1. Delete A0401, C0401, add F0401 Invoice Message for platform Certificate</p> <p>2. Delete A0501, C0501, add F0501 CancelInvoice for Platform Certification</p> <p>3. Delete A0601</p> <p>4. Delete C0701, add F0701 VoidInvoice Message for Platform Certification</p> <p>5. Delete B0401, D0401, add G0401 Allowance Message for Platform Certification(Transmission for Platform)</p> <p>6. Delete B0501, D0501, and add G0501 as CancelAllowance Message for Platform Certification</p> <p>F0401 Invoice Message for platform Certificate(Consolidation of A0401 and C0401)</p> <p>1. Remove the Attachment field</p> <p>2. Remove the CheckNumber invoice checkcode field</p>	2023/3/17

Version	Description of revision	Date of issue
	<p>3. CarrierId1 and CarrierId2 length changed from 64 bits to 400 bits</p> <p>4. Added ZeroTaxRateReason field</p> <p>5. Add Reserved1 and Reserved2 Reserved fields</p> <p>6. Adjust the CarrierType and RandomNumber remarks description</p> <p>7. Adjust the type of NPOBAN field from referring to the BAN data element specification to a string with a length of 10 digits</p> <p>8. ProductItem changed from 999 items to 9999 items</p> <p>9. Description length changed from 256 to 500</p> <p>10. SequenceNumber length changed from 3 to 4</p> <p>11. Remark length changed from 40 to 120, and the remark description is adjusted</p> <p>12. RelateNumber length changed from 20 to 50, and the remark description is adjusted</p> <p>13. TaxType field is added to the details</p> <p>14. The summary TaxAmount length adjustment totalDigits is 20 bits and fractionDigits is 0 bits</p> <p>15. The total Exchange Rate length adjustment is 13 bits for totalDigits and 5 bits for fractionDigits</p> <p>16. The Chinese name of the SalesAmount column is corrected to be the total taxable sales amount, and the remark description is adjusted</p> <p>F0501 CancelInvoice for Platform Certification(Consolidation of A0501 and C0501)</p> <p>1. Add Reserved1 and Reserved2 Reserved fields</p> <p>F0701 VoidInvoice Message for Platform Certification</p> <p>1. Add Reserved1 and Reserved2 Reserved fields</p> <p>G0401 Allowance Message for Platform Certification(Transmission for Platform) (Consolidation of B0401 and D0401)</p> <p>1. Remove field Attachment</p> <p>2. ProductItem changed from 999 items to 9999 items</p> <p>3. OriginalDescription length changed from 256 to 500</p> <p>4. AllowanceSequenceNumber and OriginalSequenceNumber length changed from 3 to 4</p> <p>II. Add Chapter 3. Message Summary Table</p> <p>III. Add E0502 、E0503 、E0504 Message</p> <p>IV. <u>A0101 Invoice Message</u></p> <p>1. Remove the CheckNumber invoice checkcode field</p>	

Version	Description of revision	Date of issue
	<p>2. CarrierId1 and CarrierId2 length changed from 64 bits to 400 bits</p> <p>3. Added ZeroTaxRateReason field</p> <p>4. Add Reserved1 and Reserved2 Reserved fields</p> <p>5. Adjust the CarrierType and RandomNumber remarks description</p> <p>6. ProductItem changed from 999 items to 9999 items</p> <p>7. Description length changed from 256 to 500</p> <p>8. SequenceNumber length changed from 3 to 4</p> <p>9. The length of the detailed Remark was changed from 40 digits to 120 digits , and the remark description is adjusted</p> <p>10. The length of the detailed RelateNumber was changed from 20 to 50 digits , and the remark description is adjusted</p> <p>11. TaxType field is added to the details</p> <p>V. <u>A0201 InvoiceConfirm Message</u></p> <p>1. Add Reserved1 and Reserved2 Reserved fields</p> <p>VI. <u>A0301 RejectInvoice Message</u></p> <p>1. Add Reserved1 and Reserved2 Reserved fields</p> <p>VII. <u>B0101 Allowance Message</u></p> <p>1. Remove field Attachment</p> <p>2. ProductItem changed from 999 items to 9999 items</p> <p>3. OriginalDescription length changed from 256 to 500</p> <p>4. AllowanceSequenceNumber and OriginalSequenceNumber length changed from 3 to 4</p> <p>VIII. Adjust RoleDescriptionType object specification Name and Address Remarks</p> <p>IX. Adjust RoleDescriptionType data object specificationEmailAddress length from 80 to 400</p> <p>X. Adjust MessageTypeEnum data element specification remarks</p> <p>XI. Adjust BAN data element specification element name and remarks description</p> <p>XII. Adjust DonateMark Enum data element specification remarks</p> <p>XIII. Adjust TaxTypeEnum Metadata Remarks</p> <p>XIV. Adjust BondedAreaEnum Element Specifications</p> <p>XV. Add ZeroTaxRateReasonEnum data element</p> <p>XVI. Add PartyInfoType data element</p>	

<b>Version</b>	<b>Description of revision</b>	<b>Date of issue</b>
	XVII. Add RoutingInfoType data element XVIII. Add InfoType data element XIX. Add ResultType data element XX. Add ResultDetailType data element	

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## Chapter 1. How to Use the Guideline

### I. Purpose

The Message Implementation Guideline (referred to as MIG hereafter) is designed to provide Internet users a specification for the XML message standard of the electronic uniform invoices. The specification is modified from time to time according to the practical business needs and relevant laws and regulations for the electronic uniform invoice XML Internet operations in Taiwan. The MIG specifies the structure of an electronic uniform invoice, syntax and specifications of data conversion in the hope to provide participants in the electronic uniform invoice XML operations (e.g. business entities and value-added centers) a foundation for establishment and data exchange.

### II. Contents

The MIG provides the specifications of standard message conversion which consists of four parts:

#### (I) Part 1

Chapter 1 provides a general description of how to use the MIG.

#### (II) Part 2

Chapter 2 describes the data types used in W3C and the structure of standard messages.

#### (III) Part 3

Chapters 3 to 25 provide the specifications and description of individual messages used in the MIG.

#### (IV) Part 4

Chapters 26 to 27 are the E-Invoice Platform response message specifications and instructions used in this construction guide.

### III. How to use the MIG

The following describes how to use the MIG:

- To have a basic understanding about the W3C international standards, it is necessary to read **【Chapter 2, Message Structures】** first to find out the

message structures selected for W3C, data types and the structure of a standard message.

- Next, **【Chapter 3, Message Summary Table】** provide a clear picture for the types of messages used for the transmission of electronic uniform invoices over Internet.
- **【 Chapter 4, Common Message Specifications 】** presents the common communication specifications used in the MIG.
- Chapters 5 through 25 cover the specifications of individual messages.
- Chapters 26 to 27 are the response message specifications.

The description of every message specification covers the message function, message structure, message tree and element or aggregate, as presented below:

(I) Message function

This section describes the function and content of a message, including necessary basic information and associated selected information, as well as how to use a message and additional notes such as limits.

(II) Message structure

This section explains the elements or aggregates used in a message using a message structure, and provides a clear picture of the structure and level of individual elements or aggregates. The message structure is read from left to right and from top to bottom. The following are the symbols used in the structure and their definitions:



Symbol	Definition
	Indicates an arbitrary element in an aggregate
	Indicates the order of element in an aggregate
0..∞	Indicates an element appears at least zero time in an aggregate
1..∞	Indicates an element appears at least one time in an aggregate

Figure 1: Message structures and their symbols

### (III) Message tree

This section presents the elements or aggregates in a message as a tree which shows the hierarchy of the message structure. The entire message consists of elements, and the tree provides a clear picture of how the message information is related to these elements.

### (IV) Element or aggregate

This section tabulates the specifications of elements or aggregates in a message. In the table, the XML message structure established is “tagged” in the description of elements. In addition, the table provides the element name for every tag used in the message, the XML Schema syntax, data length, necessity(M for must and O for optional) and remark.

## Chapter 2. Message Structure

### I. Standard message

The XML Schema is selected as the standard for the messages described in the MIG because both XML Schema and DTD play the same roll, which is to determine the XML document structure and define what elements and attributes a document should have, the order of elements, repeatability limit and he data type and range of attributes. However, the XML Schema provides better support for data types and greater expandability, as shown below:

#### 【Limits of DTD】

- DTD is not compatible with XML in terms of syntax.
- DTD does not follow the syntax rules of XML.
- It cannot specify the content of an element or data type of an attribute.
- It is difficult to describe how many times an element appears.
- The use of namespace is not allowed.
- It is difficult to distinguish accurately the content of mixed types.
- The relationship of mathematic set provides only the conditions of 0, 1 and “multiple.”
- There is no group naming settings for elements and attributes, and, therefore, elements or attributes that have been declared previously cannot be used again.
- The ability to support data types is weak (for example, it cannot define the range of  
<Age> element as an integer between 0 and 999).
- DTD provides support for only 10 data types.

#### 【Features of XML Schema】

- The syntax used is the same as XML.
- XML Schema supports more than 40 data types, far more than 10 as in DTD.
- Data types are user-definable; for example, the <Cell phone number> element is a string whose content must meet the dddd-ddd-ddd format, where d stands for digits.

- Object-oriented design, which extends or limits old data types and derive new ones from them.
- It expresses sets and defines sub-elements to appear in any order.
- It determines that the element content must be unique or at least unique in a certain range of value.
- Multiple elements can be given the same name but different contents.
- The content of an element can be defined as null (which is different from an empty element in meaning).
- It defines replaceable elements; for example, the “subway” element can be replaced with “train” uniformly.

## II. Data types used

The XML Schema data types used in the MIG are presented below:

(See **【Appendix A: XML Schema Data Type Table】** for details of XML Schema data types)

### (I) String

The data of this type contains a “string” of characters that comply with the character set of ISO/IEC 10646-2000. Characters that are valid are tab, carriage return, line fee and all legal characters complying with Unicode (UTF-8, UTF- 16) and defined by ISO/IEC 10646.

### (II) Decimal

The data of this type refer to decimal numerals of arbitrary precision. The data value is not limited to integers. Values with decimal point are acceptable (up to 7 digits behind the decimal point).

### (III) Long

The data of this type refer to integers which can be positive, negative or zero, ranging from -9223372036854775808 to 9223372036854775807.

## III. Standard message structures

### (I) Element

Element is the building block of message that is used to construct the

messages transmitted between sender and receiver.

In case that an element has its necessity as “O” (optional) and that there is in fact no value to be filled out, this element, along with XML Tag, can be omitted and not uploaded.

(II) Aggregate

An aggregate is a combination of relevant elements bundled together based on a certain logic in order to indicate a specific meaning. In a simple term, it is a specific name used to represent a combination of elements related to one another.

(III) Message

The basic unit transmitted between sender and receiver, a message consists of a group of related elements or aggregates, or both elements and aggregates.

(IV) Document

A document is a complete packet of messages to be transmitted between sender and receiver. Every document can contain multiple messages.

(V) Order

For document order rules, there is not specific order rule for messages in every type of service packet; however, an order can be given to the messages in a service packet based on the business requirements at the sender end. Nevertheless, the elements and aggregates in individual messages are still in an order defined by the document specification.

### Chapter 3. Message Summary Table

#### I. Electronic invoice individual information

Business entities can use B2B exchange or certificate deposit messages for transactions between business operators and agencies and organizations; certificate deposit messages can be used for transactions between business operators and non-business persons; certificate deposit messages can be used for electronic invoices requested by vehicles, and business operators should use the correct message format transmission. Call your local tax bureau for assistance.

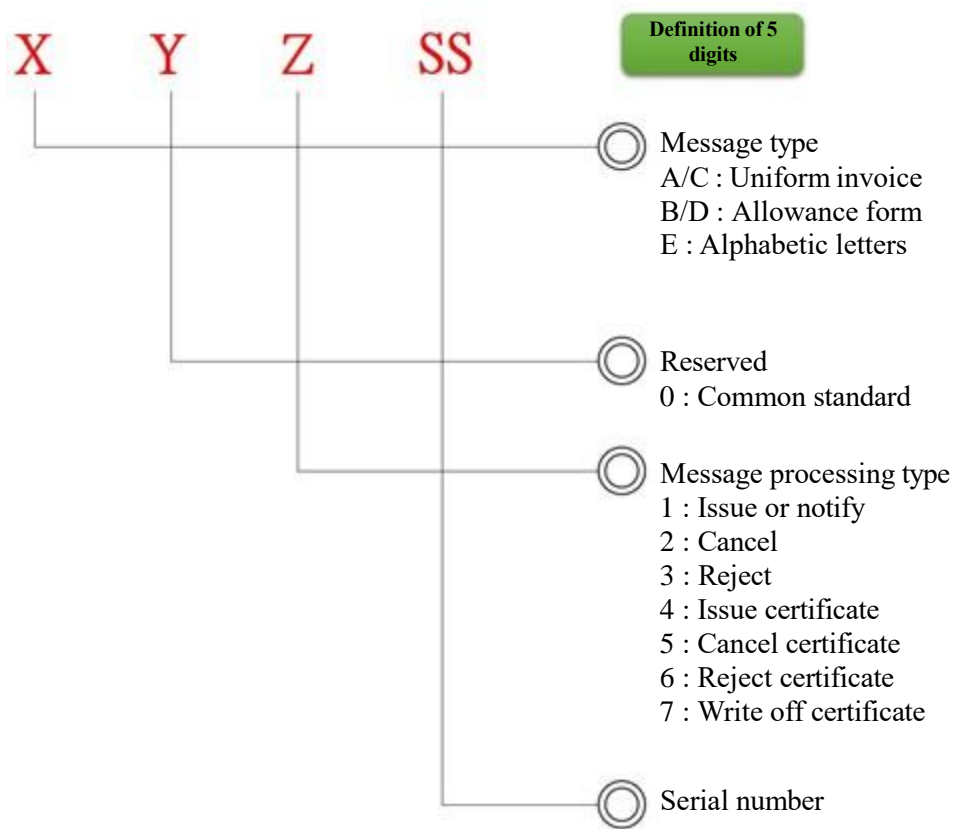
Table 1: Electronic uniform invoice message summary table

Message Summary Table						
Type	Item	Message Code	Description	Sender	Receiver	Message type
B2B exchange	Issue (seller) invoice: A01					
	1	A0101	Invoice Message	Seller	Buyer	A
	2	A0102	InvoiceConfirm Message	Buyer	Seller	A
	Cancel (seller) invoice: A02					
	3	A0201	CancelInvoice Message	Seller	Buyer	A
	4	A0202	CancelInvoiceConfirm Message	Buyer	Seller	A
	Reject (buyer) invoice: A03					
	5	A0301	RejectInvoice Message	Buyer	Seller	A
	6	A0302	RejectInvoiceConfirm Message	Seller	Buyer	A
	Issue (buyer/seller) allowance certificate/notification: B01					
	7	B0101	Allowance Message	Buyer/ Seller	Seller/ Buyer	B
	8	B0102	AllowanceConfirm Message	Seller/ Buyer	Buyer/ Seller	B
	Cancel (buyer) allowance certificate: B02					
	9	B0201	CancelAllowance Message	Buyer	Seller	B
10	B0202	CancelAllowanceConfirm Message	Seller	Buyer	B	
Issue (seller) invoice certificate:F04						
	11	F0401	Invoice Message for	Seller	Platform	F



Certificate			platform Certificate			
	Cancel (seller) invoice certificate:F05					
	12	F0501	CancelInoivce Message for Platform Certificate	Seller	Platform	F
	Void (seller) invoice certificate:F07					
	13	F0701	VoidInvoice Message for Platform Certificate	Seller	Platform	F
	Issue (buyer)/transmit (seller) allowance certificate:G04					
	14	G0401	Allowance Message for Platform Certification	Buyer/Seller	Platform	G
	Cancel allowance certificate:G05					
	15	G0501	CancelAllowance Message for Platform Certificat	Seller/Buyer	Platform	G
Alphabetic letters	Branch number assignment and blank Alphabetic letters:E04					
	16	E0401	GeneralTrack and BranchTrack	Seller	Platform	E
	17	E0402	BrnachTrackBlank	Seller	Platform	E
Common	Business entity electronic uniform invoice number assignment: E05					
	18	E0501	InvoiceAssignNo	Platform	Value-added center/Seller	E
	19	E0502	Input Invoice Message for Platform Certification	Platform	Buyer	E
	20	E0503	Input Allowance Message for Platform Certification	Platform	Buyer	E
	21	E0504	AwardList	Platform	Value-added center/Seller	E

Note: the sender/receiver refers to the entity that sends/receives electronic uniform invoice messages. Sender/receivers may ask their HQs or a value-added center to send/receive the messages for them



For example:  
A0101 means a seller issues a uniform invoice.

Figure 2: Message coding

## II. Electronic invoice integration service platform response message

Including the processing result file of the electronic invoice integration service platform replying to the invoice uploaded by the business operator and the summary file of the invoice uploaded by the business operator the day before the compilation.

## Chapter 4. Common Message Specifications

The common aggregate used in the message is described below:

- **RoleDescriptionType**: this aggregate defines the role description in the document which is used directly in relevant messages.

The common elements used in the message are described below:

- **MessageTypeEnum**: this element enumerates all message numbers for the direct use of messages.
- **InvoiceTypeEnum**: this element enumerates the invoice types in this document for the direct use of messages.
- **AllowanceNumberType**: this element defines the format of allowance certificate numbers in this document for the direct use of messages.
- **AllowanceTypeEnum**: this element enumerates the types of allowance certificate in this document for the direct use of messages.
- **BAN**: this element defines the format of uniform invoice number in this document for the direct use of messages.
- **BuyerRemarkEnum**: this element enumerates the remark fields of the buyer in this document for the direct use of messages.
- **CustomsClearanceMarkEnum**: this element enumerates the ways of clearance in this document for the direct use of messages
- **InvoiceNumberType**: this element defines the format of uniform invoice number in this document for the direct use of messages.
- **DonateMarkEnum**: this element enumerates the donation marks in this document for the direct use of messages.
- **TaxTypeEnum**: this element enumerates the types of tax in this document for the direct use of messages.
- **CarrierTypeEnum**: this element enumerates type numbers of carrier in this document for the direct use of messages.
- **CurrencyCodeEnum**: this element enumerates the currencies in this document according to the definitions in ISO 4217for the direct use of messages.
- **DateType**: this element defines the date in this document for the direct use of messages. All the dates of invoice issues used for invoice transmission shall be converted into Chungyuan Standard Time, i.e. UTC+8.The date information will be ignored if it contains time zone.
- **TimeType**: this element defines the time format in this document for the direct use of messages. All the dates of invoice issues used for invoice transmission shall be converted into Chungyuan Standard Time, i.e. UTC+8.The date information will be ignored if it contains time zone.
- **BondedAreaEnum**: List the elements of the zero-rated annotation signed by the

buyer of this document for direct use of the relevant information.

- **TaxRateEnum**: The information elements listing the tax rates in this document are for direct use of the relevant information.
- **ZeroTaxRateReasonEnum**: The information elements listing the reasons for the zero tax rate in this document are for direct use of the relevant information.
- **PartyInfoType**: List the information elements of the recipient's information type in this document

for direct use of the relevant information.

- **RoutingInfoType**: List the information elements in the form of information sent in this document for direct use of the relevant information.
- **InfoType**: List the data elements of the packet information in this document for direct use of the relevant information.
- **ResultType**: List the data elements of the processing result information of this document for direct use of the relevant information.
- **ResultDetailType**: A detailed information element of the processing results of this document for direct use of the relevant information.

The details of specifications are provided as follows

I. RoleDescriptionType  
 (I) Message structure

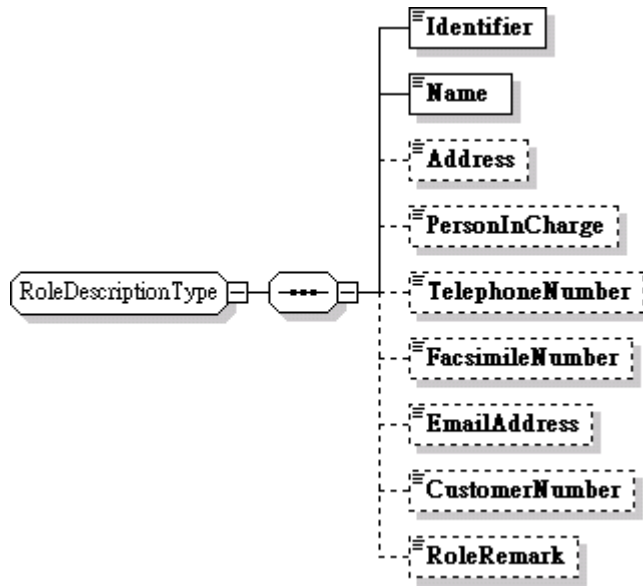


Figure 3: Message structure of RoleDescriptionType

(II) Element specifications

Table 2: Specifications of aggregate “RoleDescriptionType”

Element name	XML Schema syntax	Data length	Necessity	Remark
RoleDescriptionType	<xsd:group name="RoleDescriptionType">		M	

Table 3: Specifications of element “RoleDescriptionType”

Element name	XML Schema syntax	Data length	Necessity	Remark
Identifier	type="BAN"		M	
Name	xsd:string xsd:minLength value="1" xsd:maxLength value="60"	60	M	Seller: name of business entity Buyer: B2B– name of business entity or an organization; however, the buyer’s uniform invoice number shall be provided if the name of buyer (Name) is not accepted as the buyer’s company name.

				<p>B2C– personal identification code information (used for the national audit function) notified by the operator to the user should be filled in in one of the following ways (0 cannot be filled in).</p> <ol style="list-style-type: none"> <li>1. consumer’s name</li> <li>2. Print an electronic invoice certificate or use a vehicle other than the member's vehicle to store the cloud invoice, and the PIN of the invoice is the same as the random code.</li> <li>3. Use the member's vehicle to store the cloud invoice, and the invoice should be equipped with personal identification code information for consumers to check the invoice information of the platform.</li> <li>4. Personal identification codes are not allowed to fill in 0, 00, 000 and 0000, can be filled in, such as: the last four codes of the member's vehicle; The first four codes of the member email, etc.; Plan for yourself.</li> </ol>
Address	xsd:string xsd:maxLength value="100"	100	O	Seller Address is required
PersonInCharge	xsd:string xsd:maxLength value="30"	30	O	
TelephoneNumber	xsd:string xsd:maxLength value="26"	26	O	
FacsimileNumber	xsd:string xsd:maxLength value="26"	26	O	
EmailAddress	xsd:string xsd:maxLength value="400"	400	O	
CustomerNumber	xsd:string xsd:maxLength value="20"	20	O	
RoleRemark	xsd:string xsd:length value="40"	40	O	Remark for business entity’s role

II. MessageTypeEnum

Table 4: Specifications of element “MessageTypeEnum”

Element name	XML Schema syntax	Data length	Necessity	Remark
MessageTypeEnum	xsd:string xsd:minLength value="5" xsd:maxLength value="5"	5	M	A0101, A0102, A0201, A0202, A0301, A0302, B0101, B0102, B0201, B0202, E0401, E0402, E0501, E0502, E0503, E0504, F0401, F0501, F0701, G0401, G0501

III. InvoiceTypeEnum

Table 5: Specifications of element “InvoiceTypeEnum”

Element name	XML Schema syntax	Data length	Necessity	Remark
InvoiceTypeEnum	xsd:string xsd:minLength value="2" xsd:maxLength value="2" xsd:pattern value="[07,08]"	2		07: electronic uniform invoice for general tax calculation 08: electronic uniform invoice for special tax calculation

IV. AllowanceNumberType

Table 6: Specifications of element “AllowanceNumberType”

Element name	XML Schema syntax	Data length	Necessity	Remark
AllowanceNumberType	xsd:string xsd:minLength value="1" xsd:maxLength value="16"	16		The allowance form numbers are required not to be repeated even carried over from the previous year, or they will be rejected by the system

V. AllowanceTypeEnum

Table 7: Specifications of element “AllowanceTypeEnum”

Element name	XML Schema syntax	Data length	Necessity	Remark
AllowanceTypeEnum	xsd:string xsd:minLength value="1" xsd:maxLength value="1" xsd:pattern value="[1-2]"	1		1: allowance certificate issued by buyer 2: allowance certificate issued by seller

VI. BAN

Table 8: Specifications of element “BAN”

Element name	XML Schema syntax	Data length	Necessity	Remark
BAN	xsd:string xsd:minLength value="0" xsd:maxLength value="10"	10		Enter the buyer / seller’s uniform invoice number for B2B transactions. The seller enters his uniform invoice number / buyer enters 10 “0s” for B2C ransactions

VII. BuyerRemarkEnum

Table 9: Specifications of element “BuyerRemarkEnum”

Element name	XML Schema syntax	Data length	Necessity	Remark
BuyerRemarkEnum	xsd:string xsd:minLength value="1" xsd:maxLength value="1" xsd:pattern value="[1-4]"	1		1: goods purchased and expenses that are deductible 2: fixed assets that are deductible 3: goods purchased and expenses that are not Deductible 4: fixed assets that are not deductible



VIII. CustomsClearanceMarkEnum

Table 10: Specifications of element “CustomsClearanceMarkEnum”

Element name	XML Schema syntax	Data length	Necessity	Remark
CustomsClearanceMarkEnum	xsd:string xsd:minLength value="1" xsd:maxLength value="1"	1		1: exported not through customs service 2: exported through customs service (This is a required field for zero-tax-rate invoices.)

IX. InvoiceNumberType

Table 11: Specifications of element “InvoiceNumberType”

Element name	XML Schema syntax	Data length	Necessity	Remark
InvoiceNumberType	xsd:string xsd:minLength value="10" xsd:maxLength value="10" <xsd:pattern value="[A-Z]{2}\d{8}/>	10		Alphabetic letters included For example: QQ12345678

X. DonateMarkEnum

Table 12: Specifications of element “DonateMarkEnum”

Element name	XML Schema syntax	Data length	Necessity	Remark
DonateMarkEnum	xsd:string xsd:minLength value="1" xsd:maxLength value="1" xsd:pattern value="[0-1]"	1		0: uniform invoices not donated 1: uniform invoices donated  The Cross-border E-commerce Suppliers can choose to provide the services of the purchasers to store cloud invoices by using the donate code in the transaction or before the transaction. Please refer the note.

**Note :**

- The stated Cross-border E-commerce Suppliers refer to business entities stated on Article 6, paragraph 4, of Value-added and Non-value-added Business Tax Act.
- According to Article 22 of the Directions for Implementing Electronic Invoices if the buyer does not request the electronic invoice certificate, one of the following methods may be used to donate the cloud invoice:
  - (1) Before the transaction, the grantee organization or group has been set up for the buyer's carrier on the E-Invoice Platform. The change or cancellation of the designated grantee organization or group shall take effect on the next day after the change or cancellation of the setting.
  - (2) During transaction, when the buyer designates the donation to the specific grantee organization by the donation code or the donation method promulgated by the Ministry of Finance, the business entity shall not refuse.

XI. TaxTypeEnum

Table 13: Specifications of element “TaxTypeEnum”

Element name	XML Schema syntax	Data length	Necessity	Remark
TaxTypeEnum	xsd:string xsd:minLength value="1" xsd:maxLength value="1" xsd:pattern value="[1,2,3,4,9]"	1		1: taxable 2: zero tax rate 3: tax-free 4: taxable (special tax rates apply) 9: mixture of taxable and tax-free or zero-tax-rate items (for message F0401 used)

XII. CarrierTypeEnum

Table 14: Specifications of element “CarrierTypeEnum”

Element name	XML Schema syntax	Data length	Necessity	Remark
CarrierTypeEnum	xsd:string xsd:maxLength value="6"	6		The carrier type is six-character. The common carrier type is described below: <ol style="list-style-type: none"> <li>1. Cell phone barcode is 3J 0002.</li> <li>2. Citizen Digital Certificate barcode is CQ0001.</li> </ol> The Cross-border E-commerce Suppliers: <ol style="list-style-type: none"> <li>1. According to the Article 7-1- 2 of the Regulations Governing the Use of Uniform Invoices, the business entity shall issue cloud invoices to purchasers.</li> <li>2. The Cross-border E-commerce Suppliers should provide the services of the purchasers to store cloud invoices by using " the E-commerce carrier " which is issued by the Ministry of Finance. The E-commerce carriers mean the emails of the consumers and the carrier is filled in classification number "5 G0001".</li> </ol>

				3. The Cross-border E-commerce Suppliers can choose to provide the services of the buyers to store cloud invoices by using the common carriers.
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XIII. CurrencyCodeEnum

Table 15: Specifications of element “CurrencyCodeEnum”

Element name	XML Schema syntax	Data length	Necessity	Remark
CurrencyCodeEnum	xsd:string xsd:minLength value="3" xsd:maxLength value="3"	3		AED:United Arab Emirates, Dirhams AFN:Afghanistan, Afghanis ALL:Albania, Leke AMD:Armenia, Drams ANG:Netherlands Antilles, Guilders (also called Florins) AOA:Angola, Kwanza ARS:Argentina, Pesos AUD:Australia, Dollars AWG:Aruba, Guilders (also called Florins) AZN:Azerbaijan, New Manats BAM:Bosnia and Herzegovina, Convertible Marka BBD:Barbados, Dollars BDT:Bangladesh, Taka BGN:Bulgaria, Leva BHD:Bahrain, Dinars BIF:Burundi, Francs BMD:Bermuda, Dollars BND:Brunei Darussalam, Dollars BOB:Bolivia, Bolivianos BRL:Brazil, Brazil Real BSD:Bahamas, Dollars BTN:Bhutan, Ngultrum BWP:Botswana, Pulas BYR:Belarus, Rubles BZD:Belize, Dollars CAD:Canada, Dollars CDF:Congo/Kinshasa, Congolese Francs CHF:Switzerland, Francs CLP:Chile, Pesos CNY:China, Yuan Renminbi COP:Colombia, Pesos

			<p>CRC:Costa Rica,          Colones CUP:Cuba,          Pesos CVE:Cape Verde,          Escudos          CYP:Cyprus, Pounds          (expires 2008-Jan-31)          CZK:Czech Republic,          Koruny DJF:Djibouti,          Francs DKK:Denmark,          Kroner DOP:Dominican          Republic, Pesos          DZD:Algeria, Algeria          Dinars EGP:Egypt, Pounds          ERN:Eritrea, Nakfa          ETB:Ethiopia, Birr          EUR:Euro Member          Countries, Euro          FJD:Fiji, Dollars          FKP:Falkland          Islands          (Malvinas),          Pounds          GBP:United Kingdom,          Pounds GEL:Georgia, Lari          GGP:Guernsey, Pounds          GHS:Ghana, Cedis          GIP:Gibraltar, Pounds          GMD:Gambia, Dalasi          GNF:Guinea, Francs          GTQ:Guatemala,          Quetzales GYD:Guyana,          Dollars HKD:Hong Kong,          Dollars HNL:Honduras,          Lempiras HRK:Croatia,          Kuna HTG:Haiti, Gourdes          HUF:Hungary, Forint          IDR:Indonesia, Rupiahs          ILS:Israel, New Shekels          IMP:Isle of Man, Pounds          INR:India, Rupees          IQD:Iraq, Dinars          IRR:Iran, Rials          ISK:Iceland, Kronur          JEP:Jersey, Pounds          JMD:Jamaica, Dollars          JOD:Jordan, Dinars          JPY:Japan, Yen          KES:Kenya, Shillings          KGS:Kyrgyzstan,          Soms KHR:Cambodia,          Riels KMF:Comoros,          Francs KPW:Korea          (North), Won</p>
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			<p>KRW:Korea (South),                  Won KWD:Kuwait,                  Dinars                  KYD:Cayman Islands,                  Dollars KZT:Kazakhstan,                  Tenge LAK:Laos, Kips                  LBP:Lebanon, Pounds                  LKR:Sri Lanka, Rupees                  LRD:Liberia, Dollars                  LSL:Lesotho, Maloti                  LTL:Lithuania, Litai                  LVL:Latvia, Lati                  LYD:Libya, Dinars                  MAD:Morocco, Dirhams                  MDL:Moldova, Lei                  MGA:Madagascar, Ariary                  MKD:Macedonia, Denars                  MMK:Myanmar (Burma),                  Kyats MNT:Mongolia,                  Tugriks MOP:Macau,                  Patacas MRO:Mauritania,                  Ouguiyas MTL:Malta, Liri                  (expires 2008- Jan-31)                  MUR:Mauritius,                  Rupees                  MVR:Maldives                  (Maldiv Islands),                  Rufiyaa                  MWK:Malawi,                  Kwachas                  MXN:Mexico, Pesos                  MYR:Malaysia, Ringgits                  MZN:Mozambique,                  Meticais NAD:Namibia,                  Dollars NGN:Nigeria,                  Nairas NIO:Nicaragua,                  Cordobas NOK:Norway,                  Krone NPR:Nepal, Nepal                  Rupees NZD:New                  Zealand, Dollars                  OMR:Oman, Rials                  PAB:Panama, Balboa                  PEN:Peru, Nuevos Soles                  PGK:Papua New Guinea,                  Kina PHP:Philippines,                  Pesos PKR:Pakistan,                  Rupees PLN:Poland,                  Zlotych PYG:Paraguay,                  Guarani QAR:Qatar, Rials                  RON:Romania, New Lei                  RSD:Serbia, Dinars                  RUB:Russia, Rubles                  RWF:Rwanda, Rwanda</p>
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			<p>Frans SAR: Saudi Arabia,  Riyals SBD: Solomon  Islands, Dollars  SCR: Seychelles, Rupees  SDG: Sudan, Pounds  SEK: Sweden, Kronor  SGD: Singapore, Dollars  SHP: Saint Helena, Pounds  SLL: Sierra Leone, Leones  SOS: Somalia, Shillings  SPL: Sebarga, Luigini  SRD: Suriname, Dollars  STD: Sao Tome and  Principe, Dobras  SVC: El Salvador,  Colones SYP: Syria,  Pounds SZL: Swaziland,  Emalangi  THB: Thailand, Baht  TJS: Tajikistan, Somoni  TMM: Turkmenistan,  Manats TND: Tunisia,  Dinars TOP: Tonga,  Pa'anga TRY: Turkey,  New Lira TTD: Trinidad  and Tobago, Dollars  TVD: Tuvalu, Tuvalu  Dollars TWD: Taiwan, New  Dollars TZS: Tanzania,  Shillings UAH: Ukraine,  Hryvnia UGX: Uganda,  Shillings USD: United  States of America, Dollars  UYU: Uruguay, Pesos  UZS: Uzbekistan, Sums  VEB: Venezuela, Bolivares  (expires 2008-Jun-30)  VEF: Venezuela,  Bolivares Fuertes  VND: Viet Nam, Dong  VUV: Vanuatu, Vatu  WST: Samoa, Tala  XAF: Communaute  Financiere Africaine  BEAC, Francs  XAG: Silver, Ounces  XAU: Gold, Ounces  XCD: East Caribbean  Dollars  XDR: International  Monetary Fund (IMF)  Special Drawing Rights  XOF: Communaute</p>
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			Financiere Africaine BCEAO, Francs XPD:Palladium Ounces XPF:Comptoirs Francais du Pacifique Francs XPT:Platinum, Ounces YER:Yemen, Rials ZAR:South Africa, Rand ZMK:Zambia, Kwacha ZWD:Zimbabwe, Zimbabwe Dollars
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XIV. DateType

Table 16: Specifications of aggregate “DateType”

Element name	XML Schema syntax	Data length	Necessity	Remark
DateType	xsd:string xsd:minLength value="8" xsd:maxLength value="8" xsd:pattern value="[0-9][0-9][0-9][0-9]((0[1-9] 1[0-2]))((0[1-9] [1-2][0-9]) (3[0-1]))"			UTC+8 Taiwan time zone supports only AD dates, for example: 20170101

XV. TimeType

Table 17: Specifications of element “TimeType”

Element name	XML Schema syntax	Data length	Necessity	Remark
TimeType	xsd:time			Taiwan time zone UTC+8

XVI. BondedAreaEnum

Table 18: Specifications of element “BondedAreaEnum”

Element name	XML Schema syntax	Data length	Necessity	Remark
BondedAreaEnum	xsd:string xsd:minLength value="1" xsd:maxLength value="1" xsd:pattern value="[1-4]"	1		1: Compliance with Paragraph 4, Article 7 of the Value-added and Non- value-added Business Tax Act (the buyer is a business entity in a bonded area) 2: Compliance with Paragraph 7, Article 7 of the Value-added and Non- value-added Business Tax Act(the buyer is a business entity engaged in high-sea fishery industry) 3: Compliance with Subparagraphs 1 and 4, Paragraph 1, Article 28 of the Act for the Establishment and Management of Free trade zones(the buyer is a business entity in a

				free trade zone) 4:Others
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XVII. TaxRateEnum

Table 19: Specifications of element “TaxRateEnum”

Element name	XML Schema syntax	Data length	Necessity	Remark
TaxRateEnum	xsd:decimal xsd:pattern value="[0,0.01,0.02,0.05,0.15,0.25 ]"	1		Example: This field value is 0.05 when the tax rate is 5%

XVIII. ZeroTaxRateReasonEnum

Table 20: Specifications of element “ZeroTaxRateReasonEnum”

Element name	XML Schema syntax	Data length	Necessity	Remark
ZeroTaxRateReasonEnum	xsd: string xsd:maxLength value="2" xsd:pattern value="[71-79]"	2		Referring to Article 7 of the Value-added and Non-value- added Business Tax Law: 71:No.1 export goods 72:No.2 Services related to export sales, or services provided domestically but used abroad 73:No.3 Duty-free shops established by law for the sale and transit or departure of passenger 74:No.4 Sale of goods or services for operation by the operator of the FREE Trade Zone 75:No.5 International transportation. However, foreign transport undertakings operating international transport business in Taiwan shall be limited to those whose countries shall give equal treatment to Taiwan's international transport undertakings or be exempt

				<p>from similar taxes</p> <p>76:No.6 Ships, aircraft and distant-water fishing vessels for international transportation</p> <p>77:No.7 Goods or repair services used by ships, aircraft and distant-water fishing vessels for sale and international transport</p> <p>78:No.8 The bonded area operator sells goods that are not directly exported by the taxable area operator and the taxable area operator is not exported to the taxation area</p> <p>79:No.9 The bonded area operator sells the goods that the taxable area operator deposits into the bonded warehouse or logistics center managed by the free port area or customs administration for export</p>
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**XIX. PartyInfoType**

**Table 21:Specifications of element “PartyInfoType”**

Element name	XML Schema syntax	Data length	Necessity	Remark
PartyInfoType	<xsd:complexType name="PartyInfoType">		M	

**Table 22:Specifications of element “PartyInfoType”**

Element name	XML Schema syntax	Data length	Necessity	Remark
PartyId	xsd:string		M	
Description	xsd:string		O	

**XX. RoutingInfoType**

**Table 23:Specifications of element “RoutingInfoType”**

Element name	XML Schema syntax	Data length	Necessity	Remark
RoutingInfo	<xsd:complexType name="RoutingInfoType">		M	

**Table 24:Specifications of element “RoutingInfoType”**

Element name	XML Schema syntax	Data length	Necessity	Remark
RoutingId	xsd:string		M	
Description	xsd:string		O	

XXI. InfoType

Table 25:Specifications of element “InfoType”

Element name	XML Schema syntax	Data length	Necessity	Remark
InfoType	<xsd:complexType name="InfoType">		M	

Table 26:Specifications of element “InfoType”

Element name	XML Schema syntax	Data length	Necessity	Remark
Id	xsd:string		M	
Size	xsd:positiveInteger		M	
MessageType	type="MessageTypeEnum"		M	See the specifications of element “ MessageTypeEnum”
Service	xsd:string		M	E:exchange S:certification
Action	xsd:string		M	B2B 、 B2C 、 B2S

XXII. ResultType

Table 27:Specifications of element “ResultType”

Element name	XML Schema syntax	Data length	Necessity	Remark
ResultType	<xsd:complexType name="ResultType">		M	

Table 28:Specifications of element “ResultType”

Element name	XML Schema syntax	Data length	Necessity	Remark
Total	type="ResultDetailType"		M	See the specifications of element “ResultDetailType”
Good	type="ResultDetailType"		M	See the specifications of element “ResultDetailType”
Failed	type="ResultDetailType"		M	See the specifications of element “ ResultDetailType”

XXIII. ResultDetailType

Table 29:Specifications of element “ResultDetailType”

Element name	XML Schema syntax	Data length	Necessity	Remark
ResultDetailType	<xsd:complexType name="ResultDetailType">		M	

Table 30:Specifications of element “ResultDetailType”

Element name	XML Schema syntax	Data length	Necessity	Remark
Count	xsd:positiveInteger		M	
Invoices	<xsd:complexType name="Invoice">		M	

Table 31:Specifications of element “Invoice”

Element name	XML Schema syntax	Data length	Necessity	Remark
ReferenceNumber	xsd:string		M	
Invoices	type="DateType"		M	

Notes: Texts to be shown on the certificate of electronic uniform invoice printout:

- 1: The goods or services listed on this uniform invoice are those purchased by the undersigned (factory, warehouse) for business operations that comply with Paragraph 4, Article 7 of the Value-added and Non-value-added Business Tax Act and Paragraph 2, Article 7-1 of the Enforcement Rules of the foregoing Act.
- 2: The goods listed on this uniform invoice are purchased by the undersigned (or company) for the use on board of its high-sea fishing fleet.
- 3: The goods, services or private machine or equipment listed on this certificate (or uniform invoice) are those purchased by the undersigned for business operations that comply with Subparagraphs 1 and 4, Paragraph 1, Article 28 of the Act for the Establishment and Management of Free trade zones

## **Chapter 5. Specifications of A0101 Invoice Message**

### **I. Message function**

The “Invoice message” is about the uniform invoice that a seller issues to a buyer for the goods or services he sells. The seller uploads the invoice issued to the E-Invoice Platform and this message is sent to the buyer. With the A0102 message, the buyer confirms the receipt of invoice to complete the systematic exchange. This message is a B2B exchange message that is used for information exchange between business entities. This message is described as follows.

## II. Message structure

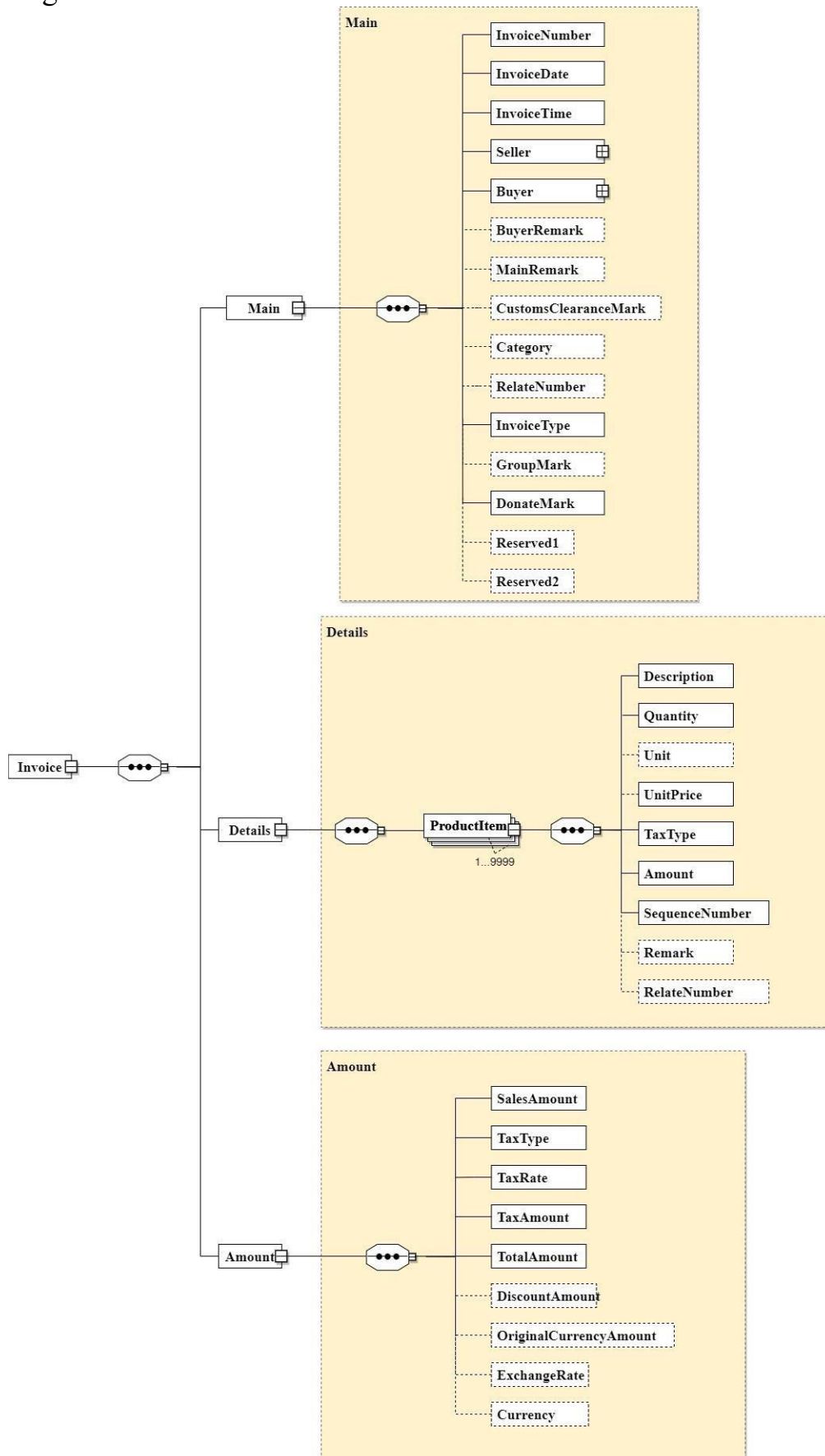


Figure 4:A0101 message structure

III. Message tree

Table 32:A0101 message tree

<b>MIG A0101 Invoice Issuing</b>			
<b>Legend:</b>			
<b>Data Grouping/Header Tag - Does not contain information</b>			
<b>MG Line #</b>	<b>Cardinality</b>	<b>Data Element</b>	<b>Usage Note</b>
1	1	Invoice	
2	1	--Main	
3	1	--InvoiceNumber	
4	1	--InvoiceDate	
5	1	--InvoiceTime	
6	1	--Seller	
7	1	--Identifier	
8	1	--Name	
9	1	--Address	
10	0..1	--PersonInCharge	
11	0..1	--TelephoneNumber	
12	0..1	--FacsimileNumber	
13	0..1	--EmailAddress	
14	0..1	--CustomerNumber	
15	0..1	--RoleRemark	
16	1	--Buyer	
17	1	--Identifier	
18	1	--Name	
19	0..1	--Address	
20	0..1	--PersonInCharge	
21	0..1	--TelephoneNumber	
22	0..1	--FacsimileNumber	
23	0..1	--EmailAddress	
24	0..1	--CustomerNumber	
25	0..1	--RoleRemark	
26	0..1	--BuyerRemark	
27	0..1	--MainRemark	
28	0..1	--CustomsClearanceMark	
29	0..1	--Category	
30	0..1	--RelateNumber	
31	1	--InvoiceType	



32	0..1				--GroupMark	
33	1				--DonateMark	
34	0..1				--ZeroTaxRateReason	
35	0..1				--Reserved1	
36	0..1				--Reserved2	
37	1		--Details			
38	1..9999		--ProductItem			
39	1				--Description	
40	1				--Quantity	
41	0..1				--Unit	
42	1				--UnitPrice	
43	1				--TaxType	
44	1				--Amount	
45	1				--SequenceNumber	
46	0..1				--Remark	
47	0..1				--RelateNumber	
48	1		-- Amount			
49	1				--SalesAmount	
50	1				--TaxType	
51	1				--TaxRate	
52	1				--TaxAmount	
53	1				--TotalAmount	
54	0..1				--DiscountAmount	
55	0..1				--OriginalCurrencyAmount	
56	0..1				--ExchangeRate	
57	0..1				--Currency	

IV. Specifications of elements or aggregates

(1) Invoice

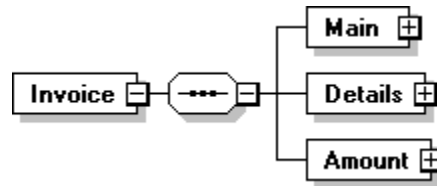


Figure 5: Invoice message structure

Table 33: Specifications of aggregate “Invoice”

Element name	XML Schema syntax	Data length	Necessity	Remark
Main	<xsd:elementname="Main"type="Main"/>		M	
Details	<xsd:elementname="Details "type="Details"/>		M	
Amount	<xsd:elementname="Amount"type="Amount"/>		M	

(2) Invoice/Main

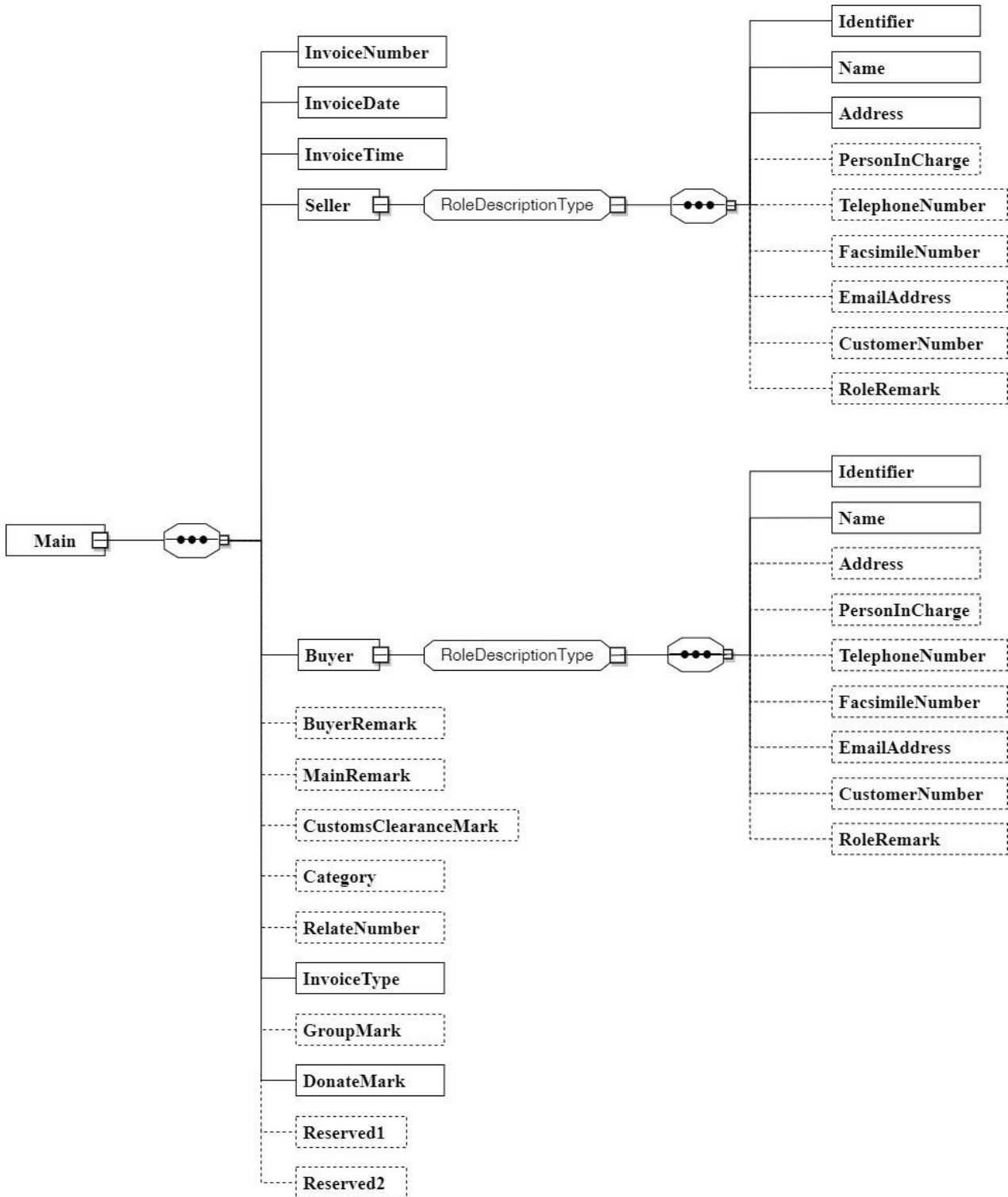


Figure 6: Invoice/Main message structure

Table 34: Specifications of element “Invoice/Main”

Element name	XML Schema syntax	Data length	Necessity	Remark
InvoiceNumber	type="InvoiceNumberType"		M	See the specifications of element “InvoiceNumberType” for definition and example
InvoiceDate	type="DateType"		M	See the specifications of element “DateType” for definition and example
InvoiceTime	type="TimeType"		M	See the specifications of element “TimeType” for definition and example
Seller	xsd:group ref="RoleDescriptionType"		M	See the specifications of element “RoleDescriptionType” for definition Seller information address field is required
Buyer	xsd:group ref="RoleDescriptionType"		M	See the specifications of element “RoleDescriptionType” for definition
CheckNumber	xsd:string xsd:maxLength value="10"	10	O	
BuyerRemark	type="BuyerRemarkEnum"		O	See the specifications of element “BuyerRemarkEnum” for definition
MainRemark	xsd:string xsd:maxLength value="200"	200	O	Matters required by tax law or other applicable rules shall be provided in this field.
CustomsClearanceMark	type="CustomsClearanceMarkEnum"		O	See the specifications of element “CustomsClearanceMarkEnum” for definition
Category	xsd:string xsd:maxLength value="2"	2	O	
RelateNumber	xsd:string xsd:maxLength value="20"	20	O	Matters required by tax law or other applicable rules shall be provided in this field.
InvoiceType	type="InvoiceTypeEnum"		M	See the specifications of element “InvoiceTypeEnum” for definition
GroupMark	xsd:string xsd:length value="1"	1	O	Separate with “*”
DonateMark	type="DonateMarkEnum"		M	See the specifications of element DonateMarkEnum” for definition

ZeroTaxRateReason	Type="ZeroTaxRateReasonEnum"		O	Mandatory for zero tax rates. For detailed definitions, please refer to ZeroTaxRateReasonEnum.
Reserved1	sd:string xsd:maxLength value="20"	20	O	Reserved fields
Reserved2	sd:string xsd:maxLength value="100"	100	O	Reserved fields

(3) Invoice/Details

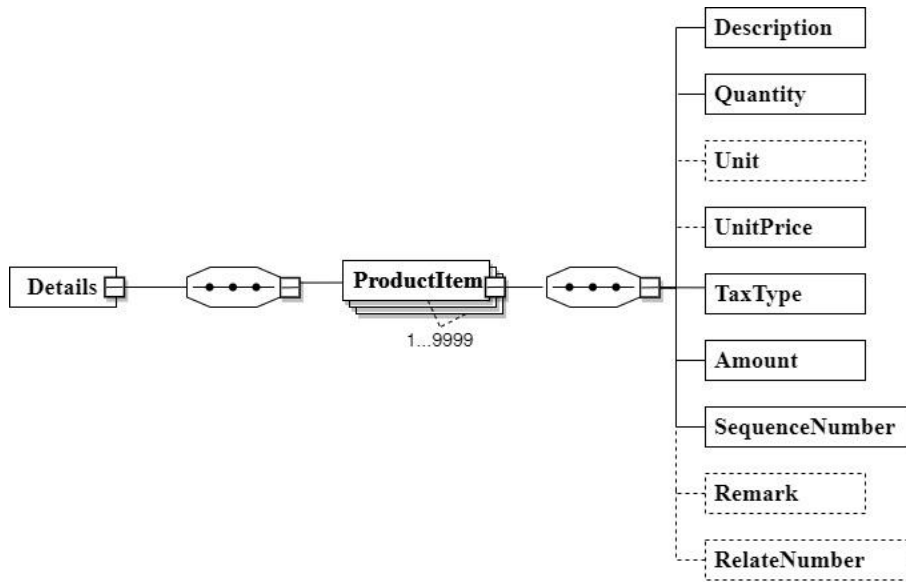


Figure 7:Invoice/Detailsmessage structure

Table 35:Specifications of aggregate “Invoice/Details”

Element name	XML Schema syntax	Data length	Necessity	Remark
ProductItem	<xsd:element name="ProductItem" maxOccurs="9999">		M	

Table 36:Specifications of element “Invoice/Details/ProductItem”

Element name	XML Schema syntax	Data length	Necessity	Remark
Description	xsd:string xsd:minLength value="1" xsd:maxLength value="500"	500	M	
Quantity	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	
Unit	xsd:string maxLength value="6"	6	O	
UnitPrice	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	
TaxType	type="TaxTypeEnum"		M	See the specifications of element “TaxTypeEnum” for definition. 9 mixed taxes are not filled
Amount	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	
SequenceNumber	xsd:string xsd:minLength value="1" xsd:maxLength value="4"	4	M	Used by system Sequence number for invoice details
Remark	xsd:string maxLength value="100"	100	O	1. Matters required by tax law or other applicable rules shall be provided in this field. 2. Please fill in the "Product Traceability System Serial Code" of the Food Traceability and Tracking

				Management Information System of the Ministry of Health and Welfare, please fill in this column, a total of 100 lengths
RelateNumber	xsd:string maxLength value="50"	50	O	<p>1. Matters required by tax law or other applicable rules shall be provided in this field.</p> <p>2. To enter the product barcode: {number type code and product code}, the number type codes are:                  (1) A: HS code                  (2) Z: other product code (including internal code)</p> <p>3. Examples:                  (1) The product code is “HS code”4710110228954, and the information to be uploaded is {A4710110228954}                  (2) The product code is “other product code (including internal code)”2602970677234, and the information to be uploaded is {Z2602970677234}</p>

(4) Invoice/Amount

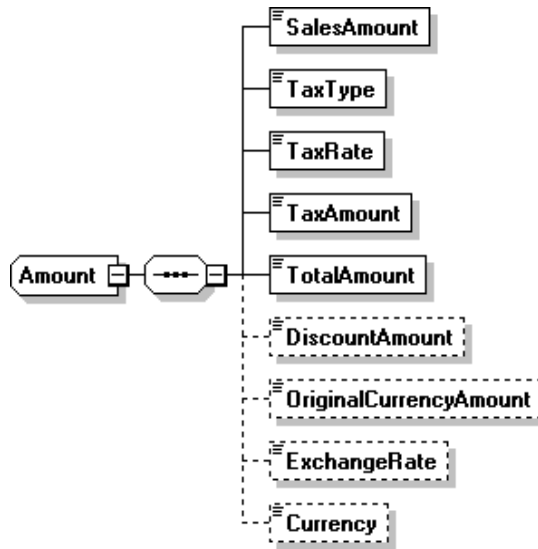


Figure 8:Invoice/Amountmessage structure

Table 37:Specifications of element “Invoice/Amount”

Element name	XML Schema syntax	Data length	Necessity	Remark
SalesAmount	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="0"		M	Integer (rounded off after decimal point) See note 1 and 2 for how to fill out this field *Note that the sales amount shall not be negative and that tax is not included when the buyer is a business entity.
TaxType	type="TaxTypeEnum"		M	See the specifications of element “TaxTypeEnum” for definition and example.
TaxRate	type="TaxRateEnum"		M	Example: enter 0.05 for tax rate of 5%
TaxAmount	xsd: decimal xsd:totalDigits value="20" xsd:fractionDigits value="0"		M	Integer (rounded off after decimal point) See note 1 and 2 for how to fill out this field.
TotalAmount	xsd: decimal xsd:totalDigits value="20" xsd:fractionDigits value="0"		M	Integer *Note that the total amount shall not be negative.



DiscountAmount	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="0"		O	Integer Used by business entities for notes about transaction discounts
OriginalCurrencyAmount	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		O	For remark by business entity
ExchangeRate	xsd:decimal xsd:totalDigits value="13" xsd:fractionDigits value="5"		O	For remark by business entity
Currency	type="CurrencyCodeEnum "	3	O	For remark by business entity; for definition in

Note 1: According to Article 32 of the Value-added and Non-value-added Business Tax Act, "the output VAT calculated by the business person in accordance with the provisions of Article 14, if the buyer is the operator, shall be separately stated in the consolidated invoice with the sales amount; If the buyer is not a business owner, a uniform invoice shall be issued at the price of the transaction." Upload the invoice content of the electronic invoice integration service platform and the opening content.

Note 2: According to Article 14 of the Value-added and Non-value-added Business Tax Act, "Except as otherwise provided in Section 2 of this Chapter, a business person selling goods or services shall calculate its output tax in respect of sales in accordance with the provisions of Article 7 or Article 10 respectively, and if the tail number is less than one dollar of the common currency, it shall be calculated by rounding." The output tax amount refers to the turnover that shall be collected by the business operator when selling goods or services.

## Chapter 6. Specifications of A0102 InvoiceConfirm Message

### I. Message function

The “InvoiceConfirm Message” is used to transmit relevant data and processing result to the sender (seller) as the receiver (buyer) has received and processed the “Invoice message.” This is a B2B exchange message for the information exchange between business entities. This message is described as follows.

### II. Message structure

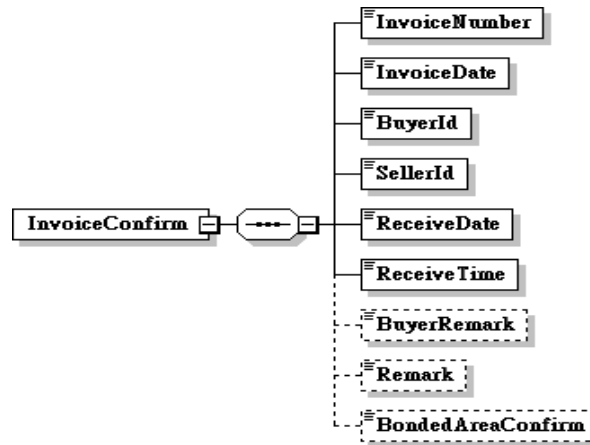


Figure 9: A0102 message structure

### III. Message tree

Table 38: A0102 message tree

MIG A0102 / InvoiceConfirm			
Legend:			
MG Line #	Cardinality	Data Element	Usage Note
		<b>Data Grouping/Header Tag - Does not contain information</b>	
1	1	InvoiceConfirm	
2	1	--InvoiceNumber	
3	1	--InvoiceDate	
4	1	--BuyerId	
5	1	--SellerId	
6	1	--ReceiveDate	
7	1	--ReceiveTime	
8	0..1	--BuyerRemark	
9	0..1	--Remark	
10	0..1	--BondedAreaConfirm	

IV. Specifications of elements or aggregates

Table 39: Specifications of element “InvoiceConfirm”

Element name	XML Schema syntax	Data length	Necessity	Remark
InvoiceNumber	type="InvoiceNumberType"		M	See the specifications of element “InvoiceNumberType” for definition and example.
InvoiceDate	type="DateType"		M	See the specifications of element “DateType” for definition and example.
BuyerId	type="BAN"		M	See the specifications of element “BAN” for definition and example.
SellerId	type="BAN"		M	See the specifications of element “BAN” for definition and example.
ReceiveDate	type="DateType"		M	See the specifications of element “DateType” for definition and example.
ReceiveTime	type="TimeType"		M	See the specifications of element “TimeType” for definition and example.
BuyerRemark	type="BuyerRemarkEnum"		O	See the specifications of element “BuyerRemarkEnum” for definition and example.
Remark	xsd:string xsd:maxLength value="200"	200	O	
BondedAreaConfirm	type="BondedAreaEnum"		O	See the specifications of element “BondedAreaEnum” for definition and example.

## Chapter 7. Specifications of B0101 Allowance Message

### I. Message function

This message is used for the allowance certificates issued by buyer / seller. It is a B2B exchange message for information exchange between business entities. The contents of B0101 transaction are transmitted through the E-Invoice Platform to the confirming receiver, who uses the B0102 for systematic agreement. This message is described as follows: B0101 is issued by buyer or seller:

- Buyer issues an allowance certificate: when a seller sells his goods or service and later the goods are returned or replaced or allowance is requested after the uniform invoice is issued, the buyer shall give the seller a certificate for returned or replaced goods or allowance upon the occurrence. However, the name and uniform invoice number of the buyer shown on the original uniform invoice shall be presented.
- Seller issues an allowance certificate: when a seller sells his goods or service and later the goods are returned or replaced or allowance is requested after the uniform invoice is issued, the seller generates a complete allowance certificate upon the occurrence and asks the buyer to acknowledge the receipt of certificate. The purpose of this is to reduce mistakes that may occur when the buyer issues the allowance certificate and improve the book keeping efficiency for both the seller and buyer.

## II. Message structure

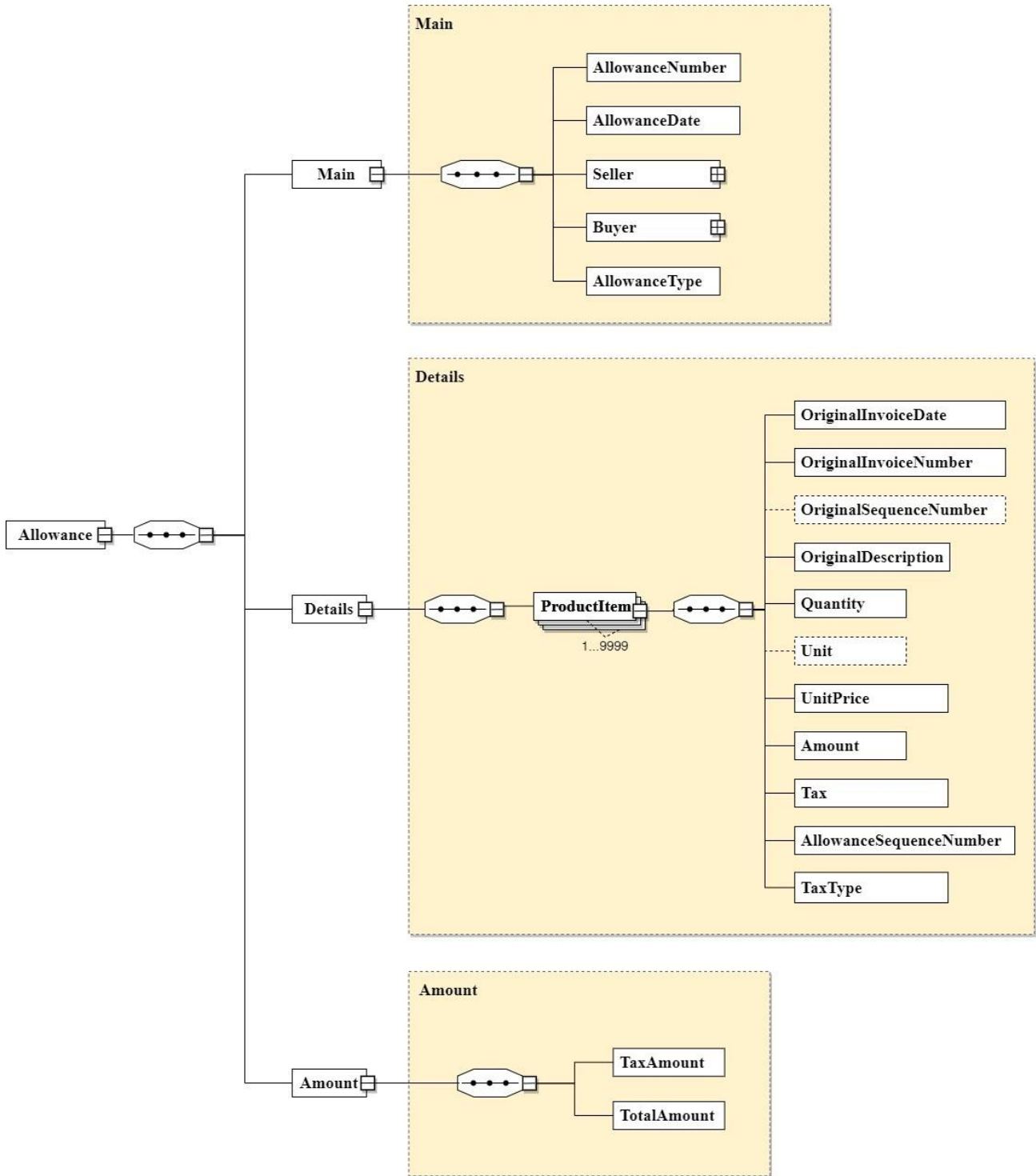


Figure 10: B0101 message structure

III. Message tree

Table 40: B0101 message tree

<b>MIG B0101 / Notification for Allowance Certificate Issuing   Confirmation</b>			
<b>Legend:</b>			
<b>MG Line #</b>	<b>Cardinality</b>	<b>Data Element</b>	<b>Usage Note</b>
		<b>Data Grouping/Header Tag - Does not contain information</b>	
1	1	Allowance	
2	1	--Main	
3	1	--AllowanceNumber	
4	1	--AllowanceDate	
5	1	--Seller	
6	1	--Identifier	
7	1	--Name	
8	1	--Address	
9	0..1	--PersonInCharge	
10	0..1	--TelephoneNumber	
11	0..1	--FacsimileNumber	
12	0..1	--EmailAddress	
13	0..1	--CustomerNumber	
14	0..1	--RoleRemark	
15	1	--Buyer	
16	1	--Identifier	
17	1	--Name	
18	0..1	--Address	
19	0..1	--PersonInCharge	
20	0..1	--TelephoneNumber	
21	0..1	--FacsimileNumber	
22	0..1	--EmailAddress	
23	0..1	--CustomerNumber	
24	0..1	--RoleRemark	
25	1	--AllowanceType	
26	1	--Details	
27	1..9999	--ProductItem	
28	1	--OriginalInvoiceDate	
29	1	--OriginalInvoiceNumber	
30	0..1	--OriginalSequenceNumber	
31	1	--OriginalDescription	
32	1	--Quantity	

33	0..1				--Unit	
34	1				--UnitPrice	
35	1				--Amount	
36	1				--Tax	
37	1				--AllowanceSequenceNumber	
38	1				--TaxType	
39	1				--Amount	
40	1				--TaxAmount	
41	1				--TotalAmount	

IV. Specifications of elements or aggregates

(5) Allowance

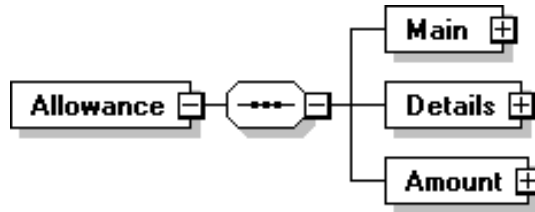


Figure 11: Allowance message structure

Table 41: Specifications of aggregate “Allowance”

Element name	XML Schema syntax	Data length	Necessity	Remark
Main	<xsd:elementname="Main" type="Main"/>		M	
Details	<xsd:elementname="Details" type="Details"/>		M	
Amount	<xsd:elementname="Amount" type="Amount"/>		M	

(6) Allowance/Main

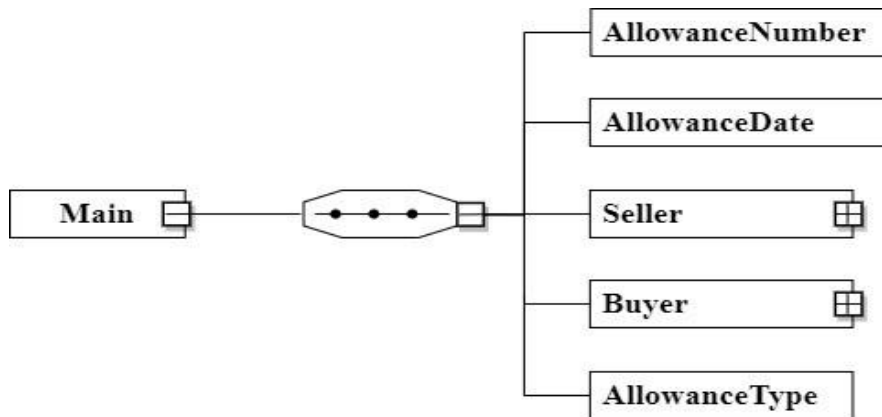


Figure 12: Allowance/Main message structure



Table 42: Specifications of element “Allowance/Main”

Element name	XML Schema syntax	Data length	Necessity	Remark
AllowanceNumber	type="AllowanceNumberType"		M	Used by the issuer’s system; See the specifications of element “AllowanceNumberType” for definition and example.
AllowanceDate	type="DateType"		M	See the specifications of element “DateType” for definition and example.
Seller	xsd:group ref="RoleDescriptionType"		M	See the specifications of element “RoleDescriptionType” for definition and example. Seller information address field is required
Buyer	xsd:group ref="RoleDescriptionType"		M	See the specifications of element “RoleDescriptionType” for definition and example.
AllowanceType	type="AllowanceType"		M	See the specifications of element “AllowanceType” for definition and example.

(7) Allowance/Details

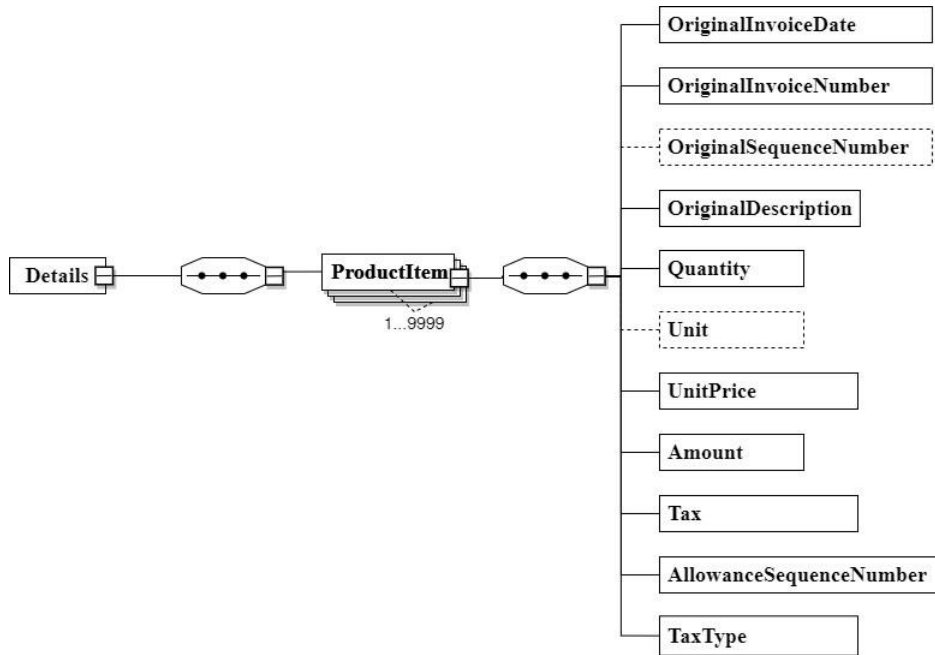


Figure 13: Allowance/Details message structure

Table 43: Specifications of aggregate “Allowance/Details”

Element name	XML Schema syntax	Data length	Necessity	Remark
ProductItem	<xsd:element name="ProductItem" maxOccurs="9999">		M	

Table 44: Specifications of element “Allowance/Details/ProductItem”

Element name	XML Schema syntax	Data length	Necessity	Remark
OriginalInvoiceDate	type="DateType"		M	See the specifications of element “DateType” for definition and example.
OriginalInvoiceNumber	type="InvoiceNumberType"		M	See the specifications of element “InvoiceNumberType” for definition and example.
OriginalSequenceNumber	xsd:string xsd:maxLength value="4"	4	O	Corresponds to the sequence number field in the details of original invoice
OriginalDescription	xsd:string xsd:minLength value="1" xsd:maxLength value="500"	500	M	
Quantity	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	
Unit	xsd:string xsd:maxLength value="6"	6	O	
UnitPrice	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	
Amount(amount of purchase without tax)	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="0"		M	Integer (rounded off after decimal point)
Tax	xsd: decimal xsd:totalDigits value="20" xsd:fractionDigits value="0"		M	Integer (rounded off after decimal point)
AllowanceSequenceNumber	xsd:string xsd:maxLength value="4"	4	M	Used by the system; the sequence number for the details of the allowance certificate
TaxType	type="TaxType"		M	See the specifications of element “TaxTypeEnum” for definition and example.

(8) Allowance/Amount

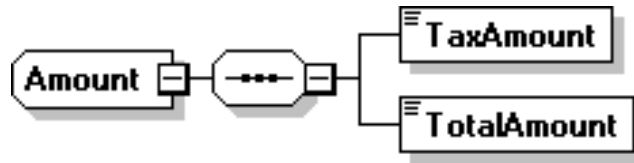


Figure 14: Allowance/Amount message structure

Table 45: Specifications of element “Allowance/Amount”

Element name	XML Schema syntax	Data length	Necessity	Remark
TaxAmount	xsd: decimal xsd:totalDigits value="20" xsd:fractionDigits value="0"		M	Integer
TotalAmount (amount of purchase without tax)	xsd: decimal xsd:totalDigits value="20" xsd:fractionDigits value="0"		M	Integer

## Chapter 8. Specifications of B0102 AllowanceConfirm Message

### I. Message function

The “AllowanceConfirm” message is a B2B exchange message used when:

- The receiving end (seller) receives an “Allowance” message, processes it and uses the “AllowanceConfirm” message to respond to the sending end (buyer) with relevant data and processing result.
- The receiving end (buyer) receives an “AllowanceNotification” message, processes it and uses the “AllowanceConfirm” message to respond to the sending end (seller) with relevant data and processing result.

This message is described as follows:

### II. Message structure

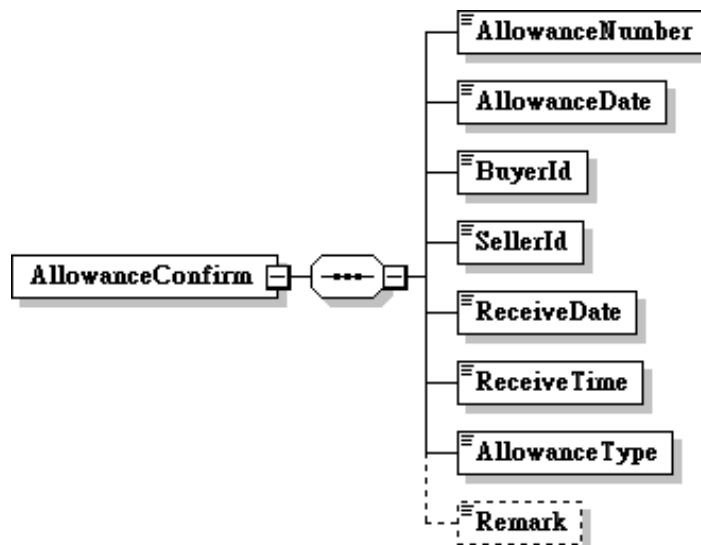


Figure 15: B0102 message structure

III. Message tree

Table 46: B0102 message tree

<b>MIG B0102 / Receipt confirmation notification for allowance certificate issued   sent</b>			
<b>Legend:</b>			
<b>Data Grouping/Header Tag - Does not contain information</b>			
<b>MG Line #</b>	<b>Cardinality</b>	<b>Data Element</b>	<b>Usage Note</b>
1	1	AllowanceConfirm	
2	1	--AllowanceNumber	
3	1	--AllowanceDate	
4	1	--BuyerId	
5	1	--SellerId	
6	1	--ReceiveDate	
7	1	--ReceiveTime	
8	1	--AllowanceType	
9	0..1	--Remark	

IV. Specifications of elements or aggregates

Table 47: Specifications of element “AllowanceConfirm”

Element name	XML Schema syntax	Data length	Necessity	Remark
AllowanceNumber	type="AllowanceNumberType"		M	See the specifications of element “AllowanceNumberType” for definition and example.
AllowanceDate	type="DateType"		M	See the specifications of element “DateType” for definition and example.
BuyerId	type="BAN"		M	See the specifications of element “BAN” for definition and example.
SellerId	type="BAN"		M	See the specifications of element “BAN” for definition and example.
ReceiveDate	type="DateType"		M	See the specifications of element “DateType” for definition and example.
ReceiveTime	type="TimeType"		M	See the specifications of element “TimeType” for definition and example.
AllowanceType	type="AllowanceType"		M	See the specifications of element “AllowanceType” for definition and example.
Remark	xsd:string xsd:maxLength value="200"	200	O	

## Chapter 9. Specifications of A0201 InvoiceConfirm Message

### I. Message function

The “CancelInvoice” message is used when the goods sold are rejected or a mistake is found in the uniform invoice issued after the seller sells goods or services and issues a uniform invoice to the buyer. The seller cancels the invoice, uploads it to the E-Invoice Platform, and sends this message to the buyer. The buyer, then, completes the systematic exchange agreement with the A0202 CancelInvoiceConfirm message. This is a B2B exchange message used for information exchange between business entities. This message is described as follows:

### II. Message structure

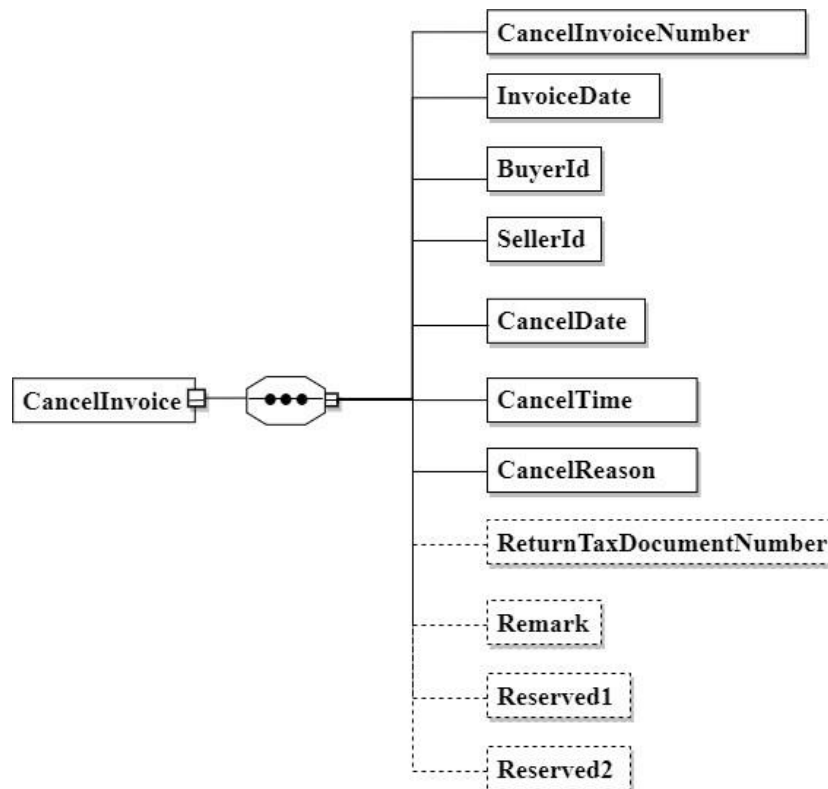


Figure 16: A0201 message structure



III. Message tree

Table 48: A0201 message tree

<b>MIG A0201 / Cancel Invoice</b>			
<b>Legend:</b>			
<b>Data Grouping/Header Tag - Does not contain information</b>			
<b>MG Line #</b>	<b>Cardinality</b>	<b>Data Element</b>	<b>Usage Note</b>
1	1	CancelInvoice	
2	1	--CancelInvoiceNumber	
3	1	--InvoiceDate	
4	1	--BuyerId	
5	1	--SellerId	
6	1	--CancelDate	
7	1	--CancelTime	
8	1	--CancelReason	
9	0..1	--ReturnTaxDocumentNumber	
10	0..1	--Remark	
11	0..1	--Reserved1	
12	0..1	--Reserved2	

IV. Specifications of elements or aggregates

Table 49: Specifications of element “CancelInvoice”

Element name	XML Schema syntax	Data length	Necessity	Remark
CancelInvoiceNumber	type="InvoiceNumberType"		M	See the specifications of element “InvoiceNumberType” for definition and example.
InvoiceDate	type="DateType"		M	See the specifications of element “DateType” for definition and example.
BuyerId	type="BAN"		M	See the specifications of element “BAN” for definition and example.
SellerId	type="BAN"		M	See the specifications of element “BAN” for definition and example.
CancelDate	type="DateType"		M	See the specifications of element “DateType” for definition and example.
CancelTime	type="TimeType"		M	See the specifications of element “TimeType” for definition and example.
CancelReason	xsd:string xsd:maxLength value="20"	20	M	
ReturnTaxDocumentNumber	xsd:string xsd:maxLength value="60"	60	O	
Remark	xsd:string xsd:maxLength value="200"	200	O	
Reserved1	sd:string xsd:maxLength value="20"	20	O	Reserved fields
Reserved2	sd:string xsd:maxLength value="100"	100	O	Reserved fields

## Chapter 10. Specifications of A0202 CancelInvoiceConfirm Message

### I. Message function

The “CancelInvoiceConfirm” message is used to return the relevant data and processing result to the sending end (seller) when the receiving end (buyer) receives and processes a “CancelInvoice” message. It is a B2B exchange message used for information exchange between business entities. This message is described as follows:

### II. Message structure

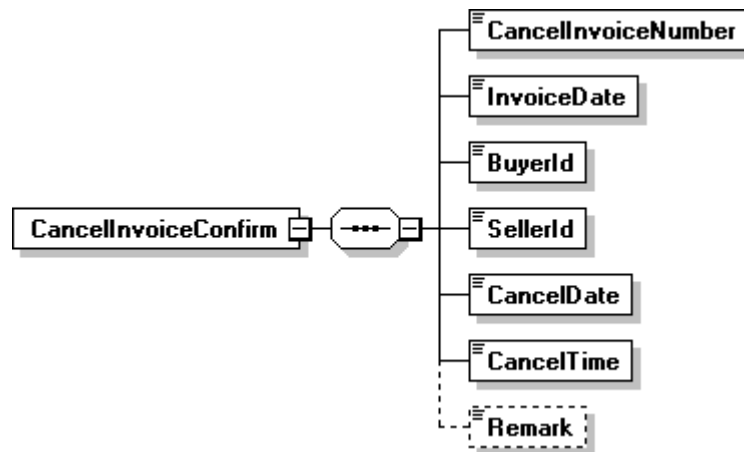


Figure 17: A0202 message structure

III. Message tree

Table 50: A0202 message tree

MIG A0202 / CancelInvoiceConfirm			
Legend:			
	Data Grouping/Header Tag - Does not contain information		
MG Line #	Cardinality	Data Element	Usage Note
1	1	CancelInvoiceConfirm	
2	1	--CancelInvoiceNumber	
3	1	--InvoiceDate	
4	1	--BuyerId	
5	1	--SellerId	
6	1	--CancelDate	
7	1	--CancelTime	
8	0..1	--Remark	

IV. Specifications of elements or aggregates

Table 51: Specifications of element “CancelInvoiceConfirm”

Element name	XML Schema syntax	Data length	Necessity	Remark
CancelInvoiceNumber	type="InvoiceNumberType"		M	See the specifications of element “InvoiceNumberType” for definition and example.
InvoiceDate	type="DateType"		M	See the specifications of element “DateType” for definition and example.
BuyerId	type="BAN"		M	See the specifications of element “BAN” for definition and example.
SellerId	type="BAN"		M	See the specifications of element “BAN” for definition and example.
CancelDate	type="DateType"		M	See the specifications of element “DateType” for definition and example.
CancelTime	type="TimeType"		M	See the specifications of element “TimeType” for definition and example.
Remark	xsd:string xsd:maxLength value="200"	200	O	

## Chapter 11.Specifications of B0201 CancelAllowance Message

### I. Message function

The “CancelAllowance” message is used when the goods sold are rejected or replaced or an allowance is issued after the seller sells goods or services and issues a uniform invoice to the buyer. A mistake is found in the allowance certificate after the seller issues a certificate for rejected or replaced goods or allowance. The buyer cancels the allowance certificate, uploads it to the E-Invoice Platform, and sends this message to the seller. The seller, then, completes the systematic exchange agreement with the B0202 CancelAllowanceConfirm message. This is a B2B exchange message, as described below:

### II. Message structure

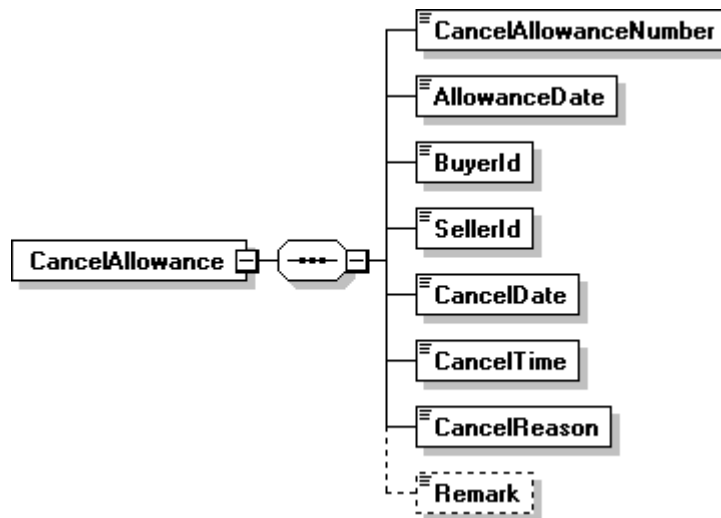


Figure 18: B0201 message structure

III. Message tree

Table 52: B0201 message tree

MIG B0201 / CancelAllowance			
Legend:			
Data Grouping/Header Tag - Does not contain information			
MG Line #	Cardinality	Data Element	Usage Note
1	1	CancelAllowance	
2	1	--CancelAllowanceNumber	
3	1	--AllowanceDate	
4	1	--BuyerId	
5	1	--SellerId	
6	1	--CancelDate	
7	1	--CancelTime	
8	1	--CancelReason	
9	0..1	--Remark	

IV. Specifications of elements or aggregates

Table 53: Specifications of element “CancelAllowance”

Element name	XML Schema syntax	Data length	Necessity	Remark
CancelAllowanceNumber	type="AllowanceNumberType"		M	See the specifications of element “AllowanceNumberType” for definition and example.
AllowanceDate	type="DateType"		M	See the specifications of element “DateType” for definition and example.
BuyerId	type="BAN"		M	See the specifications of element “BAN” for definition and xample.
SellerId	type="BAN"		M	See the specifications of element “BAN” for definition and example.
CancelDate	type="DateType"		M	See the specifications of element “DateType” for definition and example.
CancelTime	type="TimeType"		M	See the specifications of element “TimeType” for definition and example.
CancelReason	xsd:string xsd:maxLength value="20"	20	M	
Remark	xsd:string xsd:maxLength value="200"	200	O	

## Chapter 12. Specifications for B0202 CancelAllowanceConfirm Message

### I. Message function

The “CancelAllowanceConfirm” message is used to send relevant data and processing result to the sending end (buyer) after the receiving end (seller) receives and processes the “CancelAllowance” message. This is a B2B exchange message as described below:

### II. Message structure

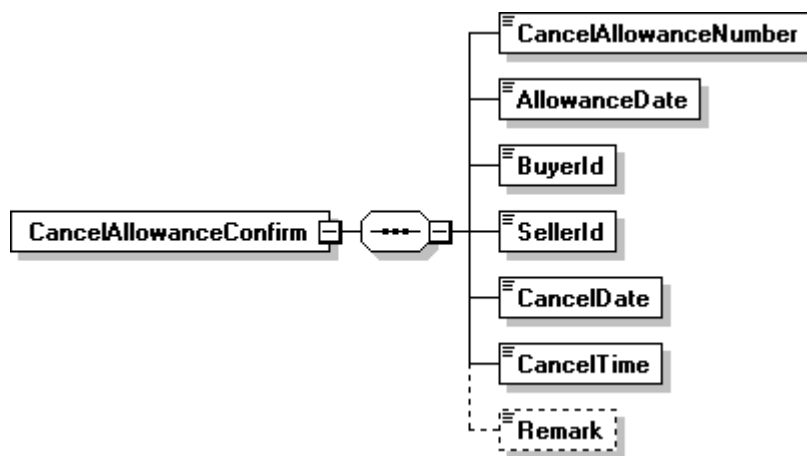


Figure 19: B0202 message structure

III. Message tree

Table 54: B0202 message tree

MIG B0202 / CancelAllowanceConfirm			
Legend:			
Data Grouping/Header Tag - Does not contain information			
MG Line #	Cardinality	Data Element	Usage Note
1	1	CancelAllowanceConfirm	
2	1	--CancelAllowanceNumber	
3	1	--AllowanceDate	
4	1	--BuyerId	
5	1	--SellerId	
6	1	--CancelDate	
7	1	--CancelTime	
8	0..1	--Remark	

IV. Specifications of elements or aggregates

Table 55: Specifications of element “CancelAllowance”

Element name	XML Schema syntax	Data length	Necessity	Remark
CancelAllowanceNumber	type="AllowanceNumber Type"		M	Specifications of element “AllowanceNumberType” for definition and example.
AllowanceDate	type="DateType"		M	Specifications of element “DateType” for definition and example.
BuyerId	type="BAN"		M	Specifications of element “BAN” for definition and example.
SellerId	type="BAN"		M	Specifications of element “BAN” for definition and example.
CancelDate	type="DateType"		M	Specifications of element “DateType” for definition and example.
CancelTime	type="TimeType"		M	Specifications of element “TimeType” for definition and example.
Remark	xsd:string xsd:maxLength value="200"	200	O	



## Chapter 13. Specifications of A0301 RejectInvoice Message

### I. Message function

The “RejectInvoice” message is used when the buyer spots a mistake in the contents of uniform invoice (e.g. mistake in quantity, unit price or product name) issued by the seller after the seller sells his goods or services. The buyer informs the seller to reject the invoice, uploads it to the E-Invoice Platform, and sends this message to the seller. The seller, then, completes the systematic exchange agreement with A0302 RejectInvoiceConfirm message. This is a B2B exchange message for the information exchange between business entities. This message is described as follows:

### II. Message structure

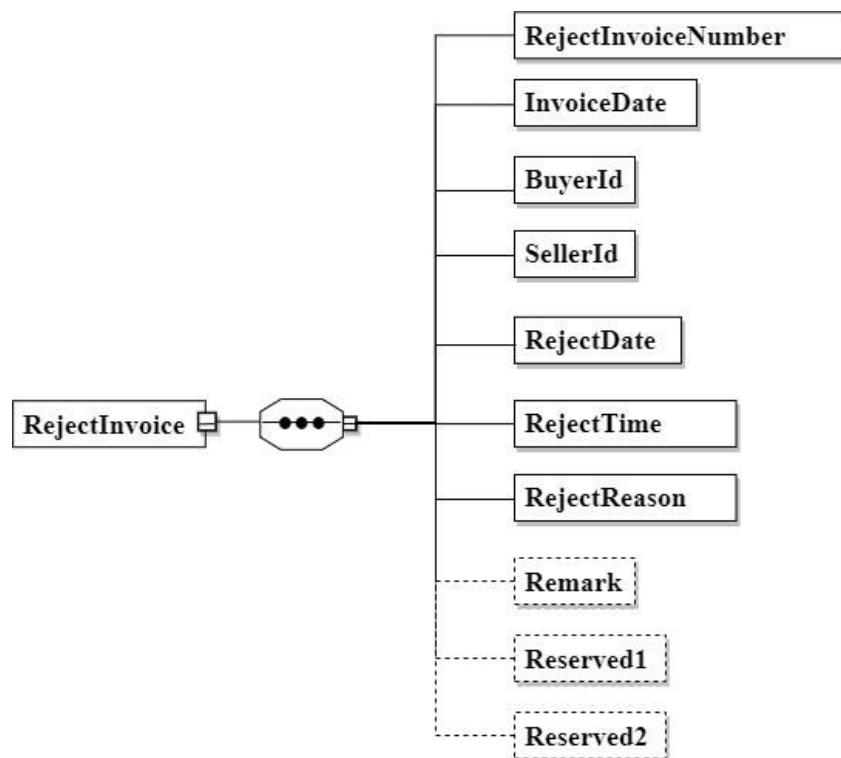


Figure 20: A0301 message structure

III. Message tree

Table 56: A0301 message tree

<b>MIG A0301 / RejectInvoice</b>			
<b>Legend:</b>			
<b>Data Grouping/Header Tag - Does not contain information</b>			
<b>MG Line #</b>	<b>Cardinality</b>	<b>Data Element</b>	<b>Usage Note</b>
1	1	RejectInvoice	
2	1	--RejectInvoiceNumber	
3	1	--InvoiceDate	
4	1	--BuyerId	
5	1	--SellerId	
6	1	--RejectDate	
7	1	--RejectTime	
8	1	--RejectReason	
9	0..1	--Remark	
10	0..1	--Reserved1	
11	0..1	--Reserved2	

IV. Specifications of elements or aggregates

Table 57: Specifications of element “RejectInvoice”

Element name	XML Schema syntax	Data length	Necessity	Remark
RejectInvoiceNumber	type="InvoiceNumberType"		M	See the specifications of element “InvoiceNumberType” for definition and example.
InvoiceDate	type="DateType"		M	See the specifications of element “DateType” for definition and example.
BuyerId	type="BAN"		M	See the specifications of element “BAN” for definition and example.
SellerId	type="BAN"		M	See the specifications of element “BAN” for definition and example.
RejectDate	type="DateType"		M	See the specifications of element “DateType” for definition and example.
RejectTime	type="TimeType"		M	See the specifications of element “TimeType” for definition and example.
RejectReason	xsd:string xsd:maxLength value="20"	20	M	
Remark	xsd:string xsd:maxLength value="200"	200	O	
Reserved1	sd:string xsd:maxLength value="20"	20	O	Reserved fields
Reserved2	sd:string xsd:maxLength value="100"	100	O	Reserved fields

## Chapter 14. Specifications of A0302 RejectInvoiceConfirm Message

### I. Message function

The “RejectInvoiceConfirm” message is used to return the relevant data and processing result to the sending end (buyer) after the receiving end (seller) receives and processes a “RejectInvoice” message. This is a B2B exchange message for information exchange between business entities. This message is described as follows:

### II. Message structure

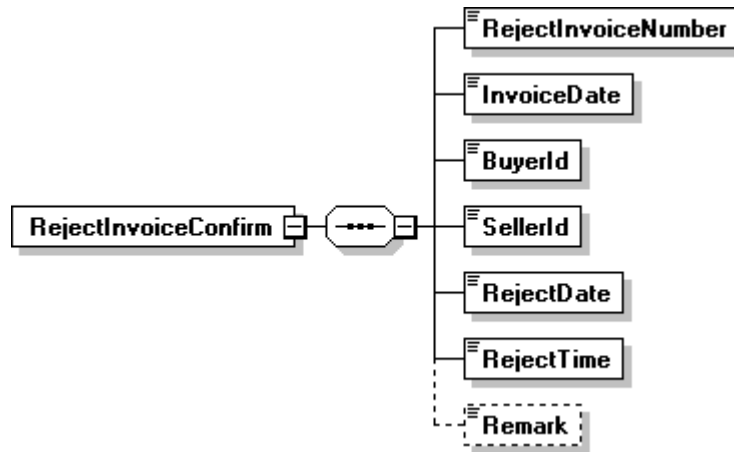


Figure 21: A0302 message structure

III. Message tree

Table 58: A0302 message tree

<b>MIG A0302 / RejectInvoiceConfirm</b>			
<b>Legend:</b>			
	<b>Data Grouping/Header Tag - Does not contain information</b>		
<b>MG Line #</b>	<b>Cardinality</b>	<b>Data Element</b>	<b>Usage Note</b>
1	1	RejectInvoiceConfirm	
2	1	--RejectInvoiceNumber	
3	1	--InvoiceDate	
4	1	--BuyerId	
5	1	--SellerId	
6	1	--RejectDate	
7	1	--RejectTime	
8	0..1	--Remark	

IV. Specifications of elements or aggregates

Table 59: Specifications of element “RejectInvoiceConfirm”

Element name	XML Schema syntax	Data length	Necessity	Remark
RejectInvoiceNumber	type="InvoiceNumberType"		M	See the specifications of element “InvoiceNumberType” for definition and example.
InvoiceDate	type="DateType"		M	See the specifications of element “DateType” for definition and example.
BuyerId	type="BAN"		M	See the specifications of element “BAN” for definition and example.
SellerId	type="BAN"		M	See the specifications of element “BAN” for definition and example.
RejectDate	type="DateType"		M	See the specifications of element “DateType” for definition and example.
RejectTime	type="TimeType"		M	See the specifications of element “TimeType” for definition and example.
Remark	xsd:string xsd:maxLength value="200"	200	O	

## **Chapter 15. Specifications of F0401 Invoice Message for Platform Certification**

### **I. Message function**

"Invoicing Information" refers to all information used by the e-Invoice Integration Service Platform to record the seller's sales of goods or services and issue invoices to the buyer, mainly for the information storage and use of the business operator. This message is described as follows:

### **II. Message structure**

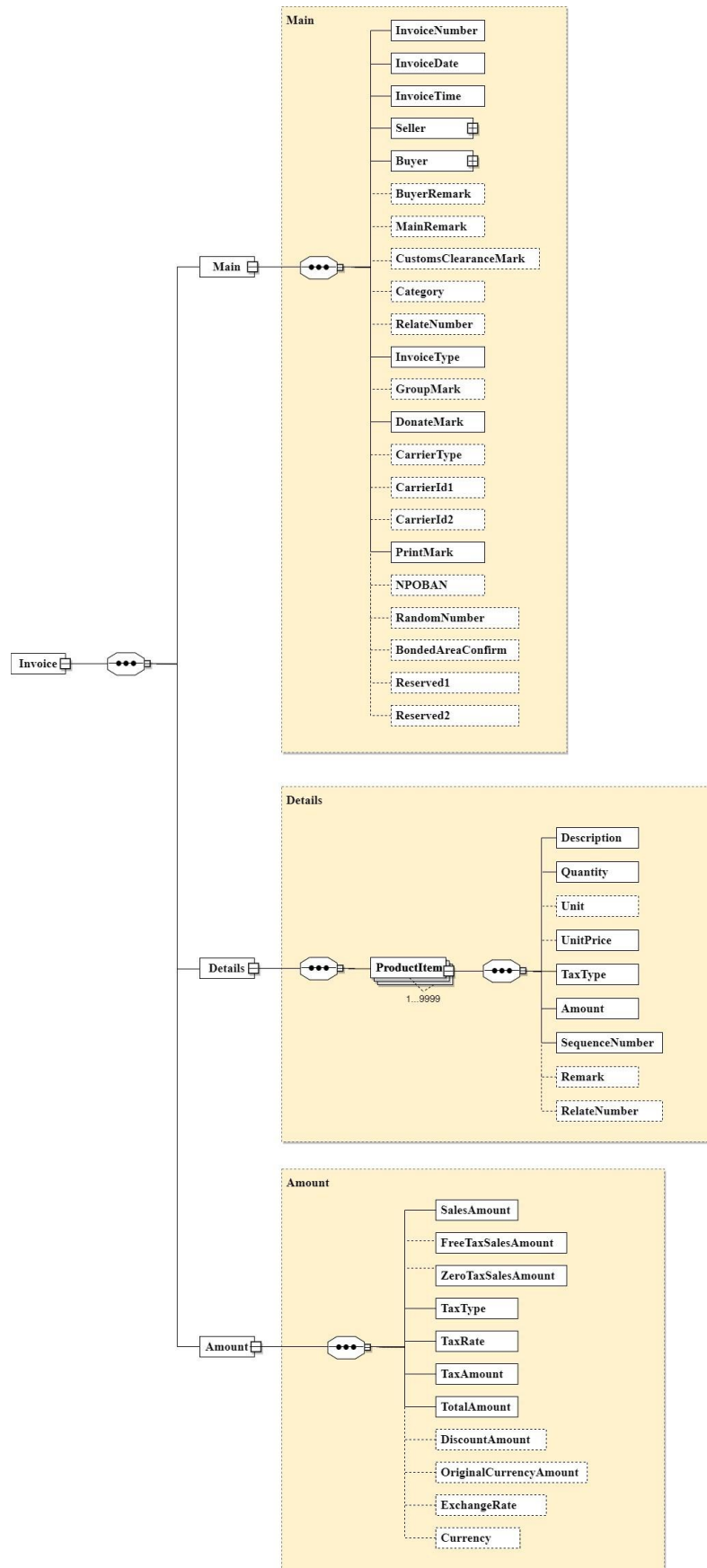


Figure 22: F0401 message structure





III. Message tree

Table 60: F0401 message tree

<b>MIG F0401 Invoice for Platform Certification</b>			
<b>Legend:</b>			
<b>MG Line #</b>	<b>Cardinality</b>	<b>Data Element</b>	<b>Usage Note</b>
1	1	Invoice	
2	1	--Main	
3	1	--InvoiceNumber	
4	1	--InvoiceDate	
5	1	--InvoiceTime	
6	1	--Seller	
7	1	--Identifier	
8	1	--Name	
9	1	--Address	
10	0..1	--PersonInCharge	
11	0..1	--TelephoneNumber	
12	0..1	--FacsimileNumber	
13	0..1	--EmailAddress	
14	0..1	--CustomerNumber	
15	0..1	--RoleRemark	
16	1	--Buyer	
17	1	--Identifier	
18	1	--Name	
19	0..1	--Address	
20	0..1	--PersonInCharge	
21	0..1	--TelephoneNumber	
22	0..1	--FacsimileNumber	
23	0..1	--EmailAddress	
24	0..1	--CustomerNumber	
25	0..1	--RoleRemark	
26	0..1	--BuyerRemark	
27	0..1	--MainRemark	
28	0..1	--CustomsClearanceMark	
29	0..1	--Category	
30	0..1	--RelateNumber	
31	1	--InvoiceType	
32	0..1	--GroupMark	
33	1	--DonateMark	

34	0..1			--CarrierType	
35	0..1			--CarrierId1	
36	0..1			--CarrierId2	
37	1			--PrintMark	
38	0..1			--NPOBAN	
39	0..1			--RandomNumber	
40	0..1			--BondedAreaConfirm	
41	0..1			--ZeroTaxRateReason	
42	0..1			--Reserved1	
43	0..1			--Reserved2	
44	1			--Details	
45	1..9999			--ProductItem	
46	1			--Description	
47	1			--Quantity	
48	0..1			--Unit	
49	1			--UnitPrice	
50	1			--TaxType	
51	1			--Amount	
52	1			--SequenceNumber	
53	0..1			--Remark	
54	0..1			--RelateNumber	
55	1			--Amount	
56	1			--SalesAmount	
57	1			--FreeTaxSalesAmount	
58	1			--ZeroTaxSalesAmount	
59	1			--TaxType	
60	1			--TaxRate	
61	1			--TaxAmount	
62	1			--TotalAmount	
63	0..1			--DiscountAmount	
64	0..1			--OriginalCurrencyAmount	
65	0..1			--ExchangeRate	
66	0..1			--Currency	

#### IV. Specifications of elements or aggregates

##### (I) Invoice

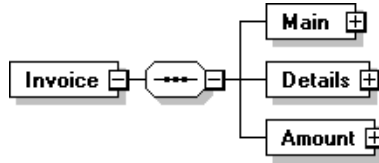


Figure 23: Invoice message

structure

Table 61: Specifications of aggregate

“Invoice”

Element name	XML Schema syntax	Data length	Necessity	Remark
Main	<xsd:elementname="Main" type="Main"/>		M	
Details	<xsd:elementname="Details " type="Details"/>		M	
Amount	<xsd:elementname="Amount" type="Amount"/>		M	

(II) Invoice/Main

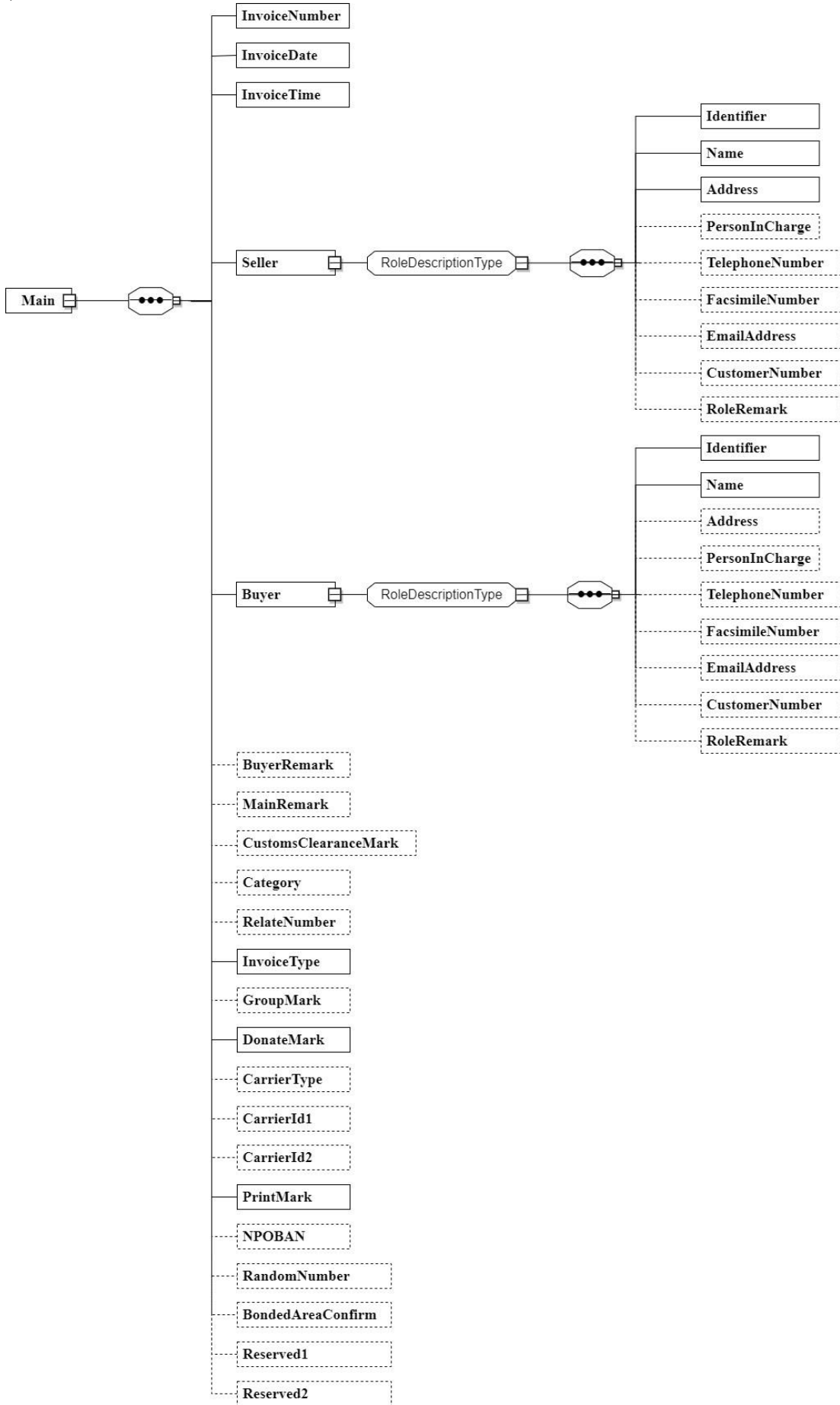


Figure 24: Invoice/Main message structure

Table 62: Specifications of element “Invoice/Main”

Element name	XML Schema syntax	Data length	Necessity	Remark
InvoiceNumber	type="InvoiceNumberType"		M	Specifications of element “InvoiceNumberType” for definition and example.
InvoiceDate	type="DateType"		M	Specifications of element “DateType” for definition and example.
InvoiceTime	type="TimeType"		M	Specifications of element “TimeType” for definition and example.
Seller	xsd:group ref="RoleDescriptionType"		M	See the specifications of element “RoleDescriptionType” for definition. Seller information address field is required
Buyer	xsd:group ref="RoleDescriptionType"		M	See the specifications of element “RoleDescriptionType” for definition.
BuyerRemark	type="BuyerRemarkEnum"		O	See the specifications of element “BuyerRemarkEnum” for definition.
MainRemark	xsd:string xsd:maxLength value="200"	200	O	<ol style="list-style-type: none"> <li>1. Matters required by tax law or other applicable rules shall be provided in this field.</li> <li>2. Fill in the "Product Traceability System Serial Code" of the Food Traceability Management Information System of the Ministry of Health and Welfare, please fill in this column: {FDA}, including 2 codes of front and foreshadow brackets and 3 codes of uppercase half-type English characters, and fill in the "Product Traceability System Serial Code" in the remarks of a single field of commodity item information.</li> </ol>

CustomsClearanceMark	type="CustomsClearanceMarkEnum"		O	See the specifications of element "CustomsClearanceMarkEnum" for definition.
Category	xsd:string xsd:maxLength value="2"	2	O	
RelateNumber	xsd:string xsd:maxLength value="20"	20	O	
InvoiceType	type="InvoiceTypeEnum"		M	See the specifications of element "InvoiceTypeEnum" for definition.
GroupMark	xsd:string xsd:length value="1"	1	O	Separate with "*"
DonateMark	type="DonateMarkEnum"		M	See the specifications of element "DonateMarkEnum" for definition.
CarrierType	type="CarrierTypeEnum"		O	<ol style="list-style-type: none"> <li>1. See the specifications of element "CarrierTypeEnum" for definition and example.</li> <li>2. Fill in the vehicle category number issued by the electronic invoice integration service platform, the coding rules: the first code is the industry (number of miles), the second code is the vehicle category (number of miles), and the last 4 codes are the serial number.</li> <li>3. Those who do not use vehicles are not allowed to fill in.</li> </ol>
CarrierId1	xsd:string xsd:maxLength value="400"	400	O	<ol style="list-style-type: none"> <li>1. Enter the carrier ID, which is the number shown on the card.</li> <li>2. If the carrier is a credit card, enter the date of purchase (ROC year format, 7 digits in total) and purchase amount (10 digits; add zeroes to the left if the amount contains fewer than 10 digits).</li> <li>3. If the certificate of an electronic uniform</li> </ol>

				<p>invoice is marked as Y, this field has to be left blank; if not, the PrintMark has to be N. This field is required no matter what the PrintMark is if a customer requests invoice with a cell phone barcode (including the request for an invoice shown with the buyer’s uniform invoice number).</p> <p>4. No space, full- or half-width, shall be left before and behind the value entered.</p>
CarrierId2	xsd:string xsd:maxLength value="400"	400	O	<p>1. Enter the CarrierId2. For business entities, the original data obtained by the reading tool shall be entered.</p> <p>2. If the vehicle type is a credit card, fill in the card date (7 yards in total) and the amount of the card transaction (10 yards, 0 on the left if you are insufficient).</p> <p>3. This field must be left blank if PrintMark is Y; if not, the PrintMark shall be N. This field is required no matter what the PrintMark is if a customer requests invoice with a cell phone barcode (including the request for an invoice shown with the buyer’s uniform invoice number).</p> <p>4. No space, full- or half-width,</p> <p>5. shall be left before and behind the value entered.</p>
PrintMark	xsd:string xsd:minLength value="1" xsd:maxLength value="1" xsd:pattern value="[Y,N]"	1	M	Y/N; when PrintMark is Y, CarrierType, CarrierId1 and CarrierId2 must be left blank and the DonateMark

				must be 0.
NPOBAN	type="BAN"		O	See the specifications of element “BAN” for definition and example. Please provide the “complete” donated code, which is a number containing 3 to 7 digits.
RandomNumber	xsd:string xsd:minLength value="4" xsd:maxLength value="4" xsd:pattern value="[0-9] [0-9] [0-9] [0-9]"	4	O	1. The buyer is a consumer: required. a 4-digit value (including numbers 0-9) is randomly generated at the moment of the transaction 2. The buyer is a business person or an organization: do not fill in
BondedAreaConfirm	type="BondedAreaEnum"		O	See the specifications of element “BondedAreaEnum” for definition.
ZeroTaxRateReason	Type="ZeroTaxRateReasonEnum"		O	Mandatory for zero tax rates. For detailed definitions, please refer to ZeroTaxRateReasonEnum.
Reserved1	sd:string xsd:maxLength value="20"	20	O	Reserved fields
Reserved2	sd:string xsd:maxLength value="100"	100	O	Reserved fields



(III) Invoice/Details

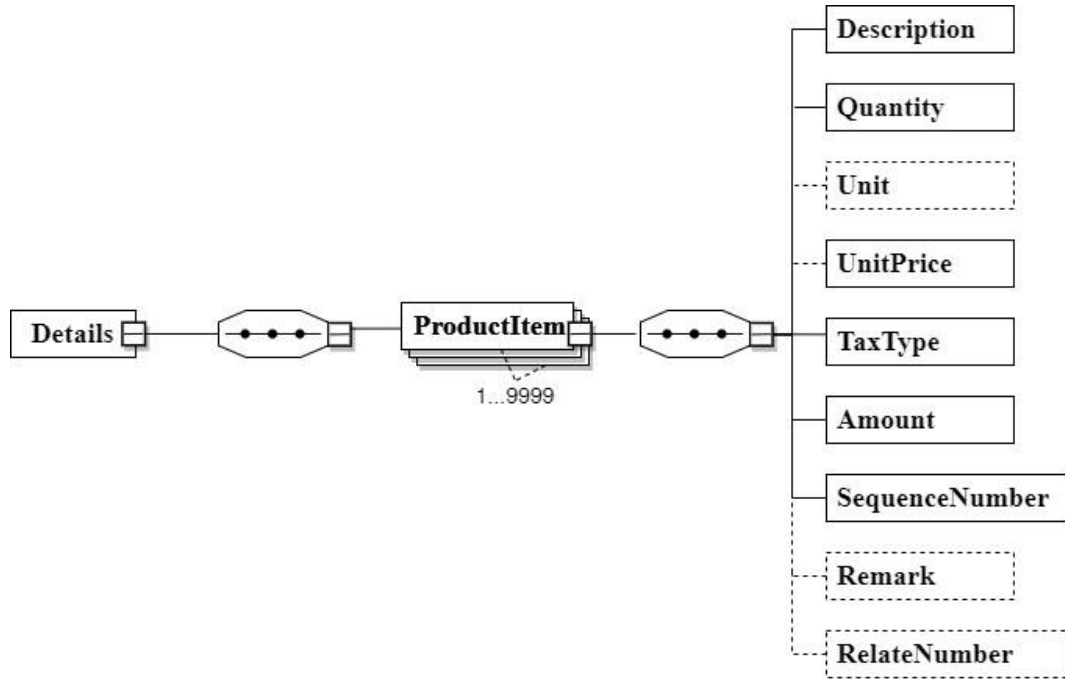


Figure 25: Invoice/Detail message structure

Table 63: Specifications of aggregate “Invoice/Details”

Element name	XML Schema syntax	Data length	Necessity	Remark
ProductItem	<xsd:element name="ProductItem" maxOccurs="9999">		M	

Table 64:Specifications of element “Invoice/Details/ProductItem”

Element name	XML Schema syntax	Data length	Necessity	Remark
Description	xsd:string maxLength value="500"	500	M	
Quantity	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	
Unit	xsd:string maxLength value="6"	6	O	
UnitPrice	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	Cross-border E-Commerce Suppliers see note 2 for how to fill out this field
TaxType	type="TaxTypeEnum"		M	For details, please refer to the TaxTypeEnum data meta specification 9 mixed taxes are not filled
Amount	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	Cross-border E-Commerce Suppliers see note 2 for how to fill out this field
SequenceNumber	xsd:string maxLength value="4"	4	M	The system uses the serial numbers of the invoice details
Remark	xsd:string maxLength value="120"	120	O	1. Matters required by tax law or other applicable rules shall be provided in this field. 2. Please fill in the "Product Traceability System Serial Code" of the Food Traceability and Tracking Management Information System of the Ministry of Health and Welfare, please fill in this column, a total of 100 lengths
				1. Matters required by tax law or other applicable rules shall be provided in this field. 2. To enter the product barcode: {number type code and product code}, the number type codes are: (1) A: HS code

<p>RelateNumber</p>	<p>xsd:string maxLength value="50"</p>	<p>50</p>	<p>O</p>	<p>(2) Z: other product code (including internal code)                      3. Examples:                      (1) The product code is "HS code"4710110228954 , and the information to be uploaded is {A4710110228954}                      (2) The product code is "other product code (including internal code)"2602970677234, and the information to be uploaded is {Z2602970677234}</p>
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(IV) Invoice/Amount

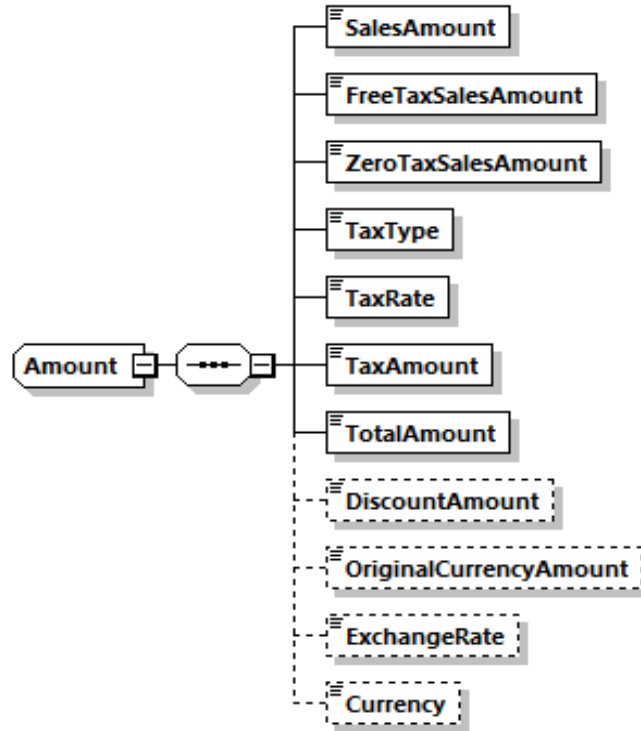


Figure 26: Invoice/Amount message structure

Table 65: Specifications of element “Invoice/Amount”

Element name	XML Schema syntax	Data length	Necessity	Remark
SalesAmount	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	<ol style="list-style-type: none"> <li>Integer (rounded off after decimal point). See note 1 and 2 for how to fill out this field.</li> <li>For Cross-border E-commerce suppliers who calculate in foreign currency, please calculate to 2 decimal places at most, and if it's in New Taiwan Dollars, it should be a Integer (rounded off after decimal point).</li> <li>Enter “0” if no such transaction</li> </ol> <p>* Note that the sales amount shall not be negative.</p>

FreeTaxSalesAmount	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	<ol style="list-style-type: none"> <li>1. It should be a Integer (rounded off after decimal point) if it's calculated in New Taiwan Dollars.;</li> <li>2. Enter 0 if no such transaction</li> </ol> <p>* Note that the sales amount shall not be negative.</p>
ZeroTaxSalesAmount	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	<ol style="list-style-type: none"> <li>1. It should be a Integer (rounded off after decimal point) if it's calculated in New Taiwan Dollars.</li> <li>2. Enter 0 if no such</li> </ol>
TaxType	type="TaxTypeEnum"		M	See the specifications of element "TaxTypeEnum" for definition and example.
TaxRate	type="TaxRateEnum"		M	Example: enter 0.05 for tax rate of 5%
TaxAmount	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="0"		M	It should be a Integer (rounded off after decimal point) if it's calculated in New Taiwan Dollars. See note 1 and 2 for how to fill out this field.
TotalAmount	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	<ol style="list-style-type: none"> <li>1. Integer, See note 1 and 2 for how to fill out this field.</li> <li>2. For Cross-border E-commerce suppliers who calculate in foreign currency, please calculate to 2 decimal places at most, and if it's in New Taiwan Dollars, it should be a Integer (rounded off after decimal point).</li> </ol> <p>*Note that the total amount shall not be negative.</p>
DiscountAmount	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		O	Integer Used by business entities for notes about transaction discounts
OriginalCurrencyAmount	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		O	For remark by business entity
ExchangeRate	xsd:decimal xsd:totalDigits value="13" xsd:fractionDigits value="5"		O	For remark by business entity

Currency	type="CurrencyCodeEnum"	3	O	<p>1. For remark by business entity; for definition in detail, see the specifications of element "CurrencyCodeEnum." This is required for Cross-border E-Commerce Suppliers. See note for how to fill out this field. If UnitPrice, Amount, TotalAmount calculated in New Taiwan Dollar, enter TWD; If they are calculated in foreign currency, enter CurrencyCode. (See the specifications of element "CurrencyCodeEnum" for definition and example.)</p>
----------	-------------------------	---	---	--

Note 1 : According to Article 32 of the Value-added and Non-Value-added Business Tax Law, "the output VAT calculated by the business operator in accordance with the provisions of Article 14, if the buyer is the business owner, shall be separately stated on the unified invoice with the sales volume; If the buyer is a non- operator, a uniform invoice shall be issued at the price rated." The content of invoices uploaded to the electronic invoice integration service platform should be consistent with the content of issuance.

Note 2 :

- Accorded Article 14 of the Value-added and Non-value-added Business Tax Act specifies “Except as otherwise prescribed in Section 2 of this Chapter, business entities shall calculate the output tax based on all sales amounts of goods and services, in accordance with the tax rates prescribed in Article 7 or 10 and round up to the nearest New Taiwan Dollar. The output tax is defined as the amount of business tax to be collected in accordance with this Act by the business entity at the time of selling goods or services.”
- The stated Cross-border E-commerce Suppliers refer to business entities stated on Article 6, paragraph 4, of Value-added and Non-value-added Business Tax Act..
- Cross-border E-Commerce Suppliers should comply with Paragraph 5, Article9 Regulations Governing the Use of Uniform Invoices “The certain requirements and particulars recorded in the cloud invoices which are issued by business entities prescribed in Subparagraph 4, Article 6 of the Act may be in a foreign language; the actual date may be displayed in the Christian Era; the unit price, item subtotal, and total amount may be listed in foreign currency, but the business entities shall add its source.”

## Chapter 16. Specifications of F0501 CancelInvoice for Platform Certification

### I. Message function

The “CancelInvoice” message is used when the goods sold are rejected or a mistake is found in the uniform invoice issued after the seller sells goods or services and issues a uniform invoice to the buyer. The seller cancels the invoice and informs the buyer. This is a message used for information certification for business entities. This message is described as follows:

### I. Message structure

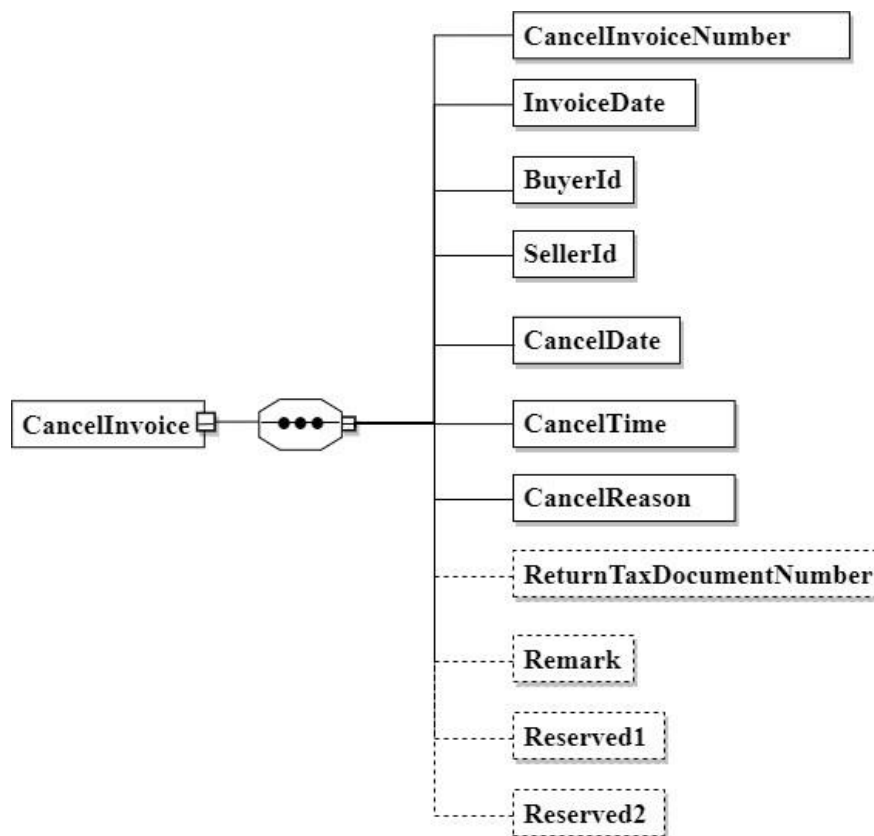


Figure 27: F0501 message structure

II. Message tree

Table 66: F0501 message tree

<b>MIG F0501 / CancelInvoice for platform certification</b>			
<b>Legend:</b>			
<b>Data Grouping/Header Tag - Does not contain information</b>			
<b>MG Line #</b>	<b>Cardinality</b>	<b>Data Element</b>	<b>Usage Note</b>
1	1	CancelInvoice	
2	1	--CancelInvoiceNumber	
3	1	--InvoiceDate	
4	1	--BuyerId	
5	1	--SellerId	
6	1	--CancelDate	
7	1	--CancelTime	
8	1	--CancelReason	
9	0..1	--ReturnTaxDocumentNumber	
10	0..1	--Remark	
11	0..1	--Reserved1	
12	0..1	--Reserved2	



III. Specifications of elements or aggregates

Table 67: Specifications of element “CancelInvoice”

Element name	XML Schema syntax	Data length	Necessity	Remark
CancelInvoiceNumber	type="InvoiceNumberType"		M	See the specifications of element “InvoiceNumberType” for definition.
InvoiceDate	type="DateType"		M	See the specifications of element “DateType” for definition and example.
BuyerId	type="BAN"		M	See the specifications of element “BAN” for definition and example.
SellerId	type="BAN"		M	See the specifications of element “BAN” for definition and example.
CancelDate	type="DateType"		M	See the specifications of element “DateType” for definition and example.
CancelTime	type="TimeType"		M	See the specifications of element “TimeType” for definition and example.
CancelReason	xsd:string xsd:maxLength value="20"	20	O	Be at least 1 in length
ReturnTaxDocumentNumber	xsd:string xsd:maxLength value="60"	60	M	
Remark	xsd:string xsd:maxLength value="200"	200	O	
Reserved1	sd:string xsd:maxLength value="20"	20	O	Reserved fields
Reserved2	sd:string xsd:maxLength value="100"	100	O	Reserved fields

## Chapter 17. Specifications of F0701 VoidInvoice Message for Platform Certification

### I. Message function

The “VoidInvoice” is a message for the voided certification for business entities. If the electronic invoice issued has an error in the matters that should be recorded in Article 9, Item 1 of the Measures for the Use of Uniform Invoices, it shall be voided and issued separately in accordance with Article 24 of the same Measures, and do not use this cancellation function to correct it, otherwise it may involve the penalties stipulated in Articles 48, 51 of the Business Tax Law and Article 44 of the Tax Collection Law. and if there is a return of sales, replacement of goods or discount of the issued electronic invoice, it shall be handled in accordance with Article 20 of the Measures for the Use of Uniform Invoices, and do not use this cancellation operation function to correct it, otherwise it may involve the penalties stipulated in Article 44 of the Tax Collection Law. This message is described as follows:

### II. Message structure

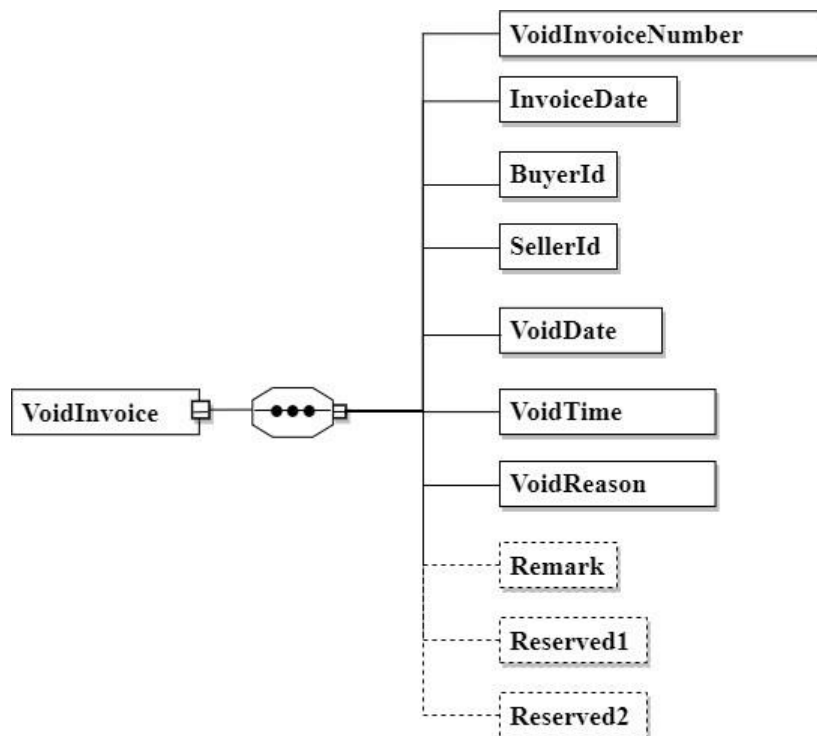


Figure 28: F0701 message structure

III. Message tree

Table 68: F0701 message tree

<b>MIG F0701 / VoidInvoice Message for Platform Certification</b>			
<b>Legend:</b>			
<b>Data Grouping/Header Tag - Does not contain information</b>			
<b>MG Line #</b>	<b>Cardinality</b>	<b>Data Element</b>	<b>Usage Note</b>
1	1	VoidInvoice	
2	1	--VoidInvoiceNumber	
3	1	--InvoiceDate	
4	1	--BuyerId	
5	1	--SellerId	
6	1	--VoidDate	
7	1	--VoidTime	
8	1	--VoidReason	
9	0..1	--Remark	
10	0..1	--Reserved1	
11	0..1	--Reserved2	

IV. Specifications of elements or aggregates

Table 69: Specifications of element “VoidInvoice”

Element name	XML Schema syntax	Data length	Necessity	Remark
VoidInvoiceNumber	type="InvoiceNumberType"		M	See the specifications of element “InvoiceNumberType” for definition and example.
InvoiceDate	type="DateType"		M	See the specifications of element “DateType” for definition and example.
BuyerId	type="BAN"		M	See the specifications of element “BAN” for definition and example.
SellerId	type="BAN"		M	See the specifications of element “BAN” for definition and example.
VoidDate	type="DateType"		M	See the specifications of element “DateType” for definition and example.
VoidTime	type="TimeType"		M	See the specifications of element “TimeType” for definition and example.
VoidReason	xsd:string xsd:maxLength value="20"	20	M	Length at least 1

Remark	xsd:string xsd:maxLength value="200"	200	O	
Reserved1	sd:string xsd:maxLength value="20"	20	O	Reserved fields
Reserved2	sd:string xsd:maxLength value="100"	100	O	Reserved fields

## **Chapter 18. Specifications of G0401 Allowance Message for Platform Certification (Transmission for Platform)**

### **I. Message function**

This message is used by buyer/seller to upload the electronic invoice integration service platform after the buyer/seller provides the discount certificate for sale/purchase. It is mainly used for information storage and certification by business operators. This message is described as follows.

G0401 can be opened by the buyer or the seller respectively:

- **Buyer's Allowance Message for Platform Certification:** When the seller sells goods or services, and after the issuance of the GUI, the seller returns, exchanges the goods or allowances, etc., the buyer shall issue a certificate of return, withdrawal or discount to the seller when the fact occurs. However, the original uniform invoice contains the buyer's name and uniform number.
- **Seller's Allowance Message for Platform Certification:** When the seller sells goods or services, after issuing a unified invoice, the sale of goods is returned, the goods are replaced or the discount is returned, and when the fact occurs, the seller fills in a complete discount certificate and then notifies the buyer to receive confirmation, the main purpose of this operation is to reduce the buyer's errors when issuing the discount certificate and increase the accounting efficiency of both the seller and the buyer.

## II. Message structure

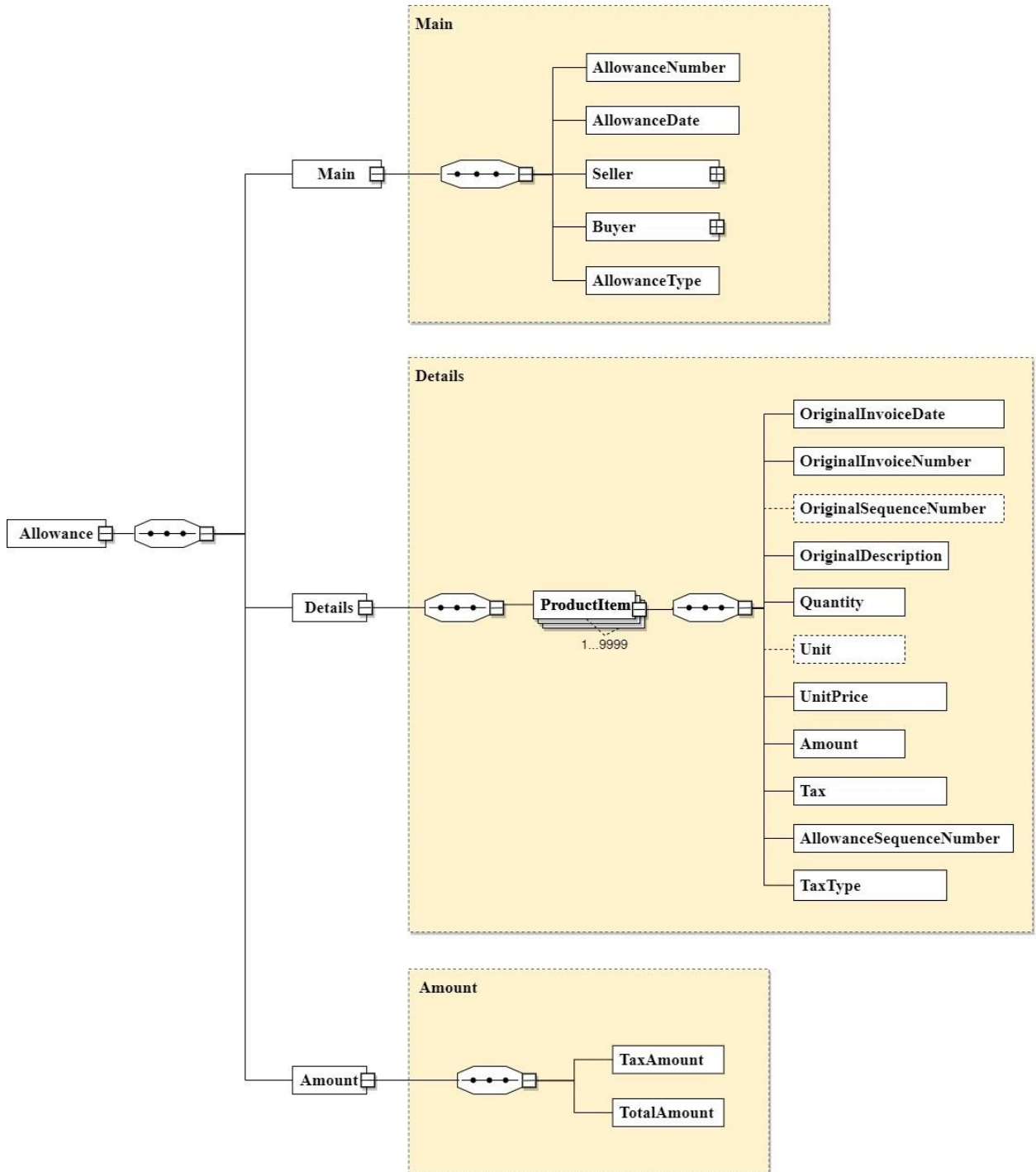


Figure 29: G0401 message structure

III. Message tree

Table 70:G0401 message tree

<b>MIG G0401 / Allowance Message for Platform Certification(Transmission for Platform)</b>			
<b>Legend:</b>			
	<b>Data Grouping/Header Tag - Does not contain information</b>		
<b>MG Line #</b>	<b>Cardinality</b>	<b>Data Element</b>	<b>Usage Note</b>
1	1	Allowance	
2	1	--Main	
3	1	--AllowanceNumber	
4	1	--AllowanceDate	
5	1	--Seller	
6	1	--Identifier	
7	1	--Name	
8	1	--Address	
9	0..1	--PersonInCharge	
10	0..1	--TelephoneNumber	
11	0..1	--FacsimileNumber	
12	0..1	--EmailAddress	
13	0..1	--CustomerNumber	
14	1	--Buyer	
15	1	--Identifier	
16	1	--Name	
17	0..1	--Address	
18	0..1	--PersonInCharge	
19	0..1	--TelephoneNumber	
20	0..1	--FacsimileNumber	
21	0..1	--EmailAddress	
22	0..1	--CustomerNumber	
23	1	--AllowanceType	
24	1	--Details	
25	1..9999	--ProductItem	
26	1	--OriginalInvoiceDate	
27	1	--OriginalInvoiceNumber	
28	0..1	--OriginalSequenceNumber	
29	1	--OriginalDescription	
30	1	--Quantity	
31	0..1	--Unit	
32	1	--UnitPrice	
33	1	--Amount	

34	1				--Tax	
35	1				--AllowanceSequenceNumber	
36	1				--TaxType	
37	1				--Amount	
38	1				--TaxAmount	
39	1				--TotalAmount	

IV. Specifications of elements or aggregates

(I) Allowance

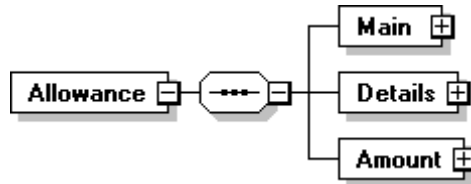


Figure 30: Allowance message structure

Table 71: Specifications of aggregate “Allowance”

Element name	XML Schema syntax	Data length	Necessity	Remark
Main	<xsd:elementname="Main" type="Main"/>		M	
Details	<xsd:elementname="Details" type="Details"/>		M	
Amount	<xsd:elementname="Amount" type="Amount "/>		M	

(II) Allowance/Main

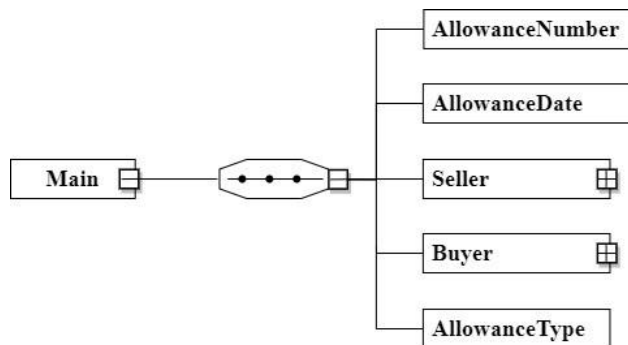


Figure 31: Allowance/Main message structure

Table 72: Specifications of element “Allowance/Main”

Element name	XML Schema syntax	Data length	Necessity	Remark
AllowanceNumber	type="AllowanceNumberType"		M	Used by the issuer’s system; See the specifications of element “AllowanceNumberType” for definition.



AllowanceDate	type="DateType"		M	See the specifications of element “DateType” for definition and example.
Seller	xsd:group ref="RoleDescriptionType"		M	See the specifications of element “RoleDescriptionType” for definition. Seller information address field is required
Buyer	xsd:group ref="RoleDescriptionType"		M	See the specifications of element “RoleDescriptionType” for definition.
AllowanceType	type="AllowanceType "		M	See the specifications of element “AllowanceType” for definition.

(III) Allowance/Details

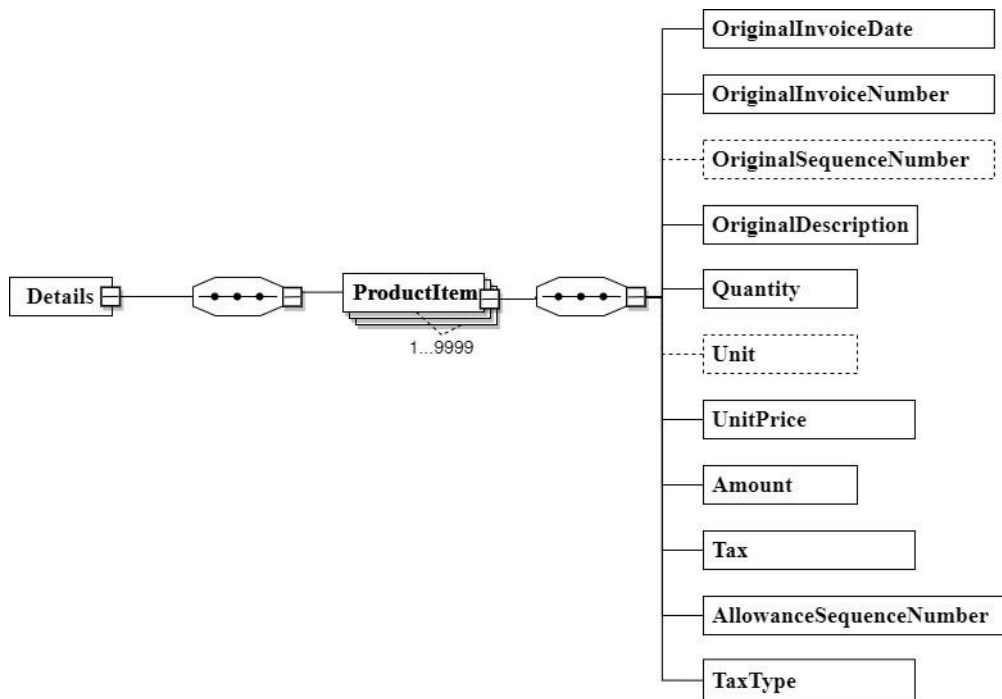


Figure 32: Allowance/Details message structure

Table 73: Specifications of aggregate “Allowance/Details”

Element name	XML Schema syntax	Data length	Necessity	Remark
ProductItem	<xsd:element name="ProductItem" maxOccurs="9999">		M	

Table 74:Specifications of element “Allowance/Details/ProductItem”

Element name	XML Schema syntax	Data length	Necessity	Remark
OriginalInvoiceDate	type="DateType"		M	See the specifications of element “DateType” for definition and example.
OriginalInvoiceNumber	type="InvoiceNumberType"		M	See the specifications of element “InvoiceNumberType” for definition and example.
OriginalSequenceNumber	xsd:string xsd:maxLength value="4"	4	O	Corresponds to the sequence number field in the details of original invoice
OriginalDescription	xsd:string xsd:maxLength value="500"	500	M	
Quantity	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	
Unit	xsd:string xsd:maxLength value="6"	6	O	
UnitPrice	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	Cross-border E-Commerce Suppliers see note for how to fill out this field
Amount	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	<ol style="list-style-type: none"> <li>Domestic suppliers fill amount of purchase without tax, should be Integer (rounded off after decimal point).</li> <li>For Cross- border E- commerce suppliers who calculate in foreign currency (with tax), please calculate to 2 decimal places at most, and if it’s in New Taiwan Dollars, it should</li> </ol>

				be a Integer (rounded off after decimalpoint). See note for how to fill out this field
Tax	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="0"		M	1. Integer, See note for how to fill out this field. 2. Cross-border E-Commerce Suppliers enter 0
AllowanceSequenceNumber	xsd:string xsd:maxLength value="4"	4	M	Used by the system; the sequence number for the details of the allowance certificate
TaxType	type="TaxType"		M	See the specifications of element "TaxTypeEnum" for definition.

Note:

- Article 14 of the Value-added and Non-value-added Business Tax Law stipulates: "Unless otherwise provided in Section 2 of this Chapter, an operator shall calculate the output VAT on sales in accordance with the provisions of Article 7 or Article 10 respectively, and the final amount shall be rounded up if the final amount is less than one dollar in the common currency." Output VAT refers to the turnover that a business operator should receive when selling goods or services."
- The term "overseas e-commerce operator" refers to the business operator specified in Article 6, Paragraph 4 of the Value-added and Non-value-added Business Tax Law.
- Overseas e-commerce operators shall stipulate in accordance with paragraph 5 of Article 9 of the Measures for the Use of Unified Invoices: "The matters specified in paragraph 4 of Article 6 of this Law shall be recorded in the issuance of cloud invoices by business operators in foreign languages; The date of the transaction is indicated by the date of the common instance; Unit price, amount and total amount may be shown in foreign currency, but should be added to the denomination currency."

(IV) Allowance/Amount

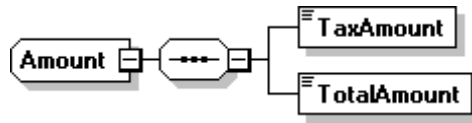


Figure 33:Allowance/Amount message structure

Table 75:Specifications of element “Allowance/Amount”

Element name	XML Schema syntax	Data length	Necessity	Remark
TaxAmount	xsd: decimal xsd:totalDigits value="20" xsd:fractionDigits value="0"		M	1. Integer 2. For overseas e-commerce operators, please fill in 0
TotalAmount (amount of purchase without tax)	xsd: decimal xsd:totalDigits value="20" xsd:fractionDigits value="0"		M	The domestic turnover is the total purchase amount excluding tax, which should be a whole number 2. Overseas e-commerce operators should fill in the total amount including tax, which can be listed in foreign currency; If listed in NTD, it should be an integer 3.Please refer to the note for how to fill it in

## Chapter 19. Specifications of G0501 CancelAllowance Message for Platform Certification

### I. Message function

The “CancelAllowance” message is a message used by business entities for information certification, as described below.

### II. Message structure

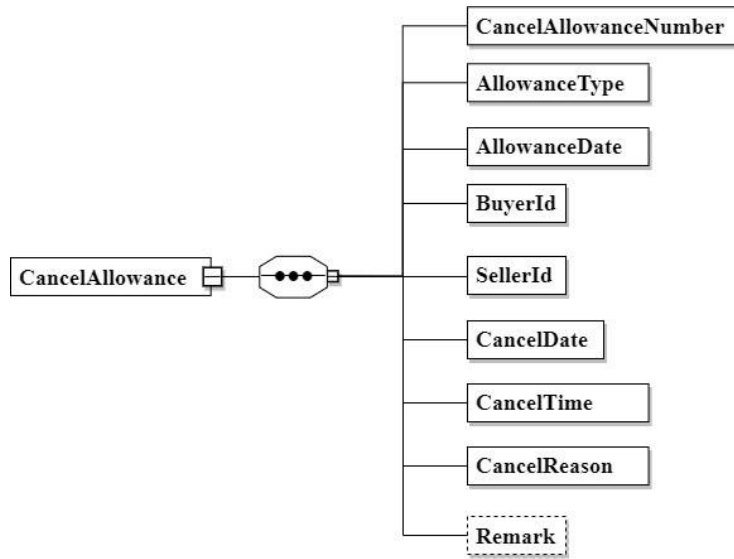


Figure 34:G0501 message structure

III. Message tree

Table 76:G0501 message tree

<b>MIG G0501 / CancelAllowance for Platform Certifications</b>			
<b>Legend:</b>			
<b>Data Grouping/Header Tag - Does not contain information</b>			
<b>MG Line #</b>	<b>Cardinality</b>	<b>Data Element</b>	<b>Usage Note</b>
1	1	CancelAllowance	
2	1	--CancelAllowanceNumber	
3	1	--AllowanceType	
4	1	--AllowanceDate	
5	1	--BuyerId	
6	1	--SellerId	
7	1	--CancelDate	
8	1	--CancelTime	
9	1	--CancelReason	
10	0..1	--Remark	

IV. Specifications of elements or aggregates

Table 77: Specifications of element “CancelAllowance”

Element name	XML Schema syntax	Data length	Necessity	Remark
CancelAllowanceNumber	type="AllowanceNumberType"		M	See the specifications of element “AllowanceNumberType” for definition.
AllowanceType	type="AllowanceType"		M	See the specifications of element “DateType” for definition and example.
AllowanceDate	type="DateType"		M	See the specifications of element “BAN” for definition and example.
BuyerId	type="BAN"		M	See the specifications of element “BAN” for definition and example.
SellerId	type="BAN"		M	See the specifications of element “DateType” for definition and example.
CancelDate	type="DateType"		M	See the specifications of element “TimeType” for definition and example.
CancelTime	type="TimeType"		M	Length at least 1
CancelReason	xsd:string xsd:maxLength value="20"	20	M	
Remark	xsd:string xsd:maxLength value="200"	200	O	

## Chapter 20. E0401 GeneralTrack and BranchTrack

### I. Message function

The “BranchTrack” In the case of the electronic invoice track number matching of the head office of the business and other fixed business places (hereinafter referred to as branches), the head office will assign the start and end numbers assigned to the branch on schedule, and upload the electronic invoice integration service platform according to this information format.

The head office may also authorize a value-added center to upload this message format to the E-Invoice Platform on its behalf. If the platform receives alphabetic letters range of serial numbers distributed to branches with repeated BranchTrack/Main, the data transmitted previously will be removed and those transmitted later will be saved in the database.

For example: there are two branch offices, A and B, under the head office. The head office receives 20 booklets of invoices for the invoice period 10606 with the numbers ranging from AB00001000 to AB00001999, 10 booklets for each of A and B. The head office shall upload the following to the E-Invoice Platform:

```
<BranchTrack>
  <Main
    >
      <HeadBan>head office tax ID number</HeadBan>
      <BranchBan>branch A tax ID number </BranchBan>
      <InvoiceType>07</InvoiceType>
      <YearMonth>10606</YearMonth>
      <InvoiceTrack>AB</InvoiceTrack>
      <InvoiceBeginNo>00001000</InvoiceBeginNo>  <!-- consistent with branch
      track setting -->
      <InvoiceEndNo>00001999</InvoiceEndNo>  <!--consistent with branch
      track setting -->
  </Main>
  <Details>
    <BranchTrackItem>
```



```

<InvoiceBeginNo>00001000</InvoiceBeginNo> <!--assign to branch A-->
<InvoiceEndNo>00001499</InvoiceEndNo>
<InvoiceBooklet>10</InvoiceBooklet>
</BranchTrackItem>
</Details>
</BranchTrack>
k>
    
```

This message is described as follows for the E-Invoice Platform:

## II. Message structure

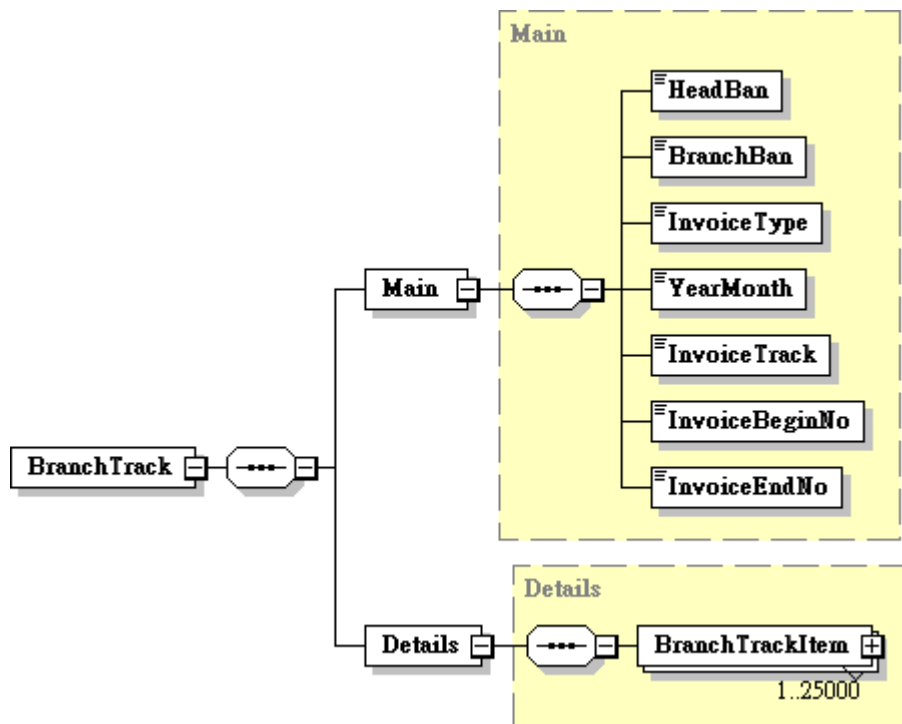


Figure 35:E0401 message structure

### III. Message tree

Table 78: E0401 message tree

<b>MIG E0401 GeneralTrack and BranchTrack</b>			
<b>Legend:</b>			
<b>Data Grouping/Header Tag - Does not contain information</b>			
<b>MG Line #</b>	<b>Cardinality</b>	<b>Data Element</b>	<b>Usage Note</b>
1	1	BranchTrack	
2	1	--Main	
3	1	--HeadBan	
4	1	--BranchBan	
5	1	-- YearMonth	
6	1	-- InvoiceTrack	
7	1	-- InvoiceBeginNo	
8	1	-- InvoiceEndNo	
9	1	-- InvoiceType	
10	1	--Details	
11	1...25000	--BranchTrackItem	
12	1	--InvoiceBeginNo	
13	1	-- InvoiceEndNo	
14	1	-- InvoiceBooklet	

### IV. Specifications of elements or aggregates

(I) BranchTrack

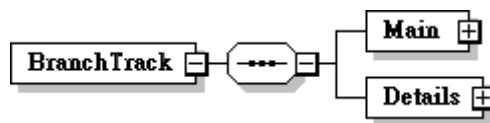


Figure 36:BranchTrack message structure

Table 79:Specifications of aggregate “BranchTrack”

Element name	XML Schema syntax	Data length	Necessity	Remark
Main	<xsd:elementname="Main" type="Main"/>		M	
Details	<xsd:elementname="Details " type="Details"/>		M	

- BranchTrack /Main

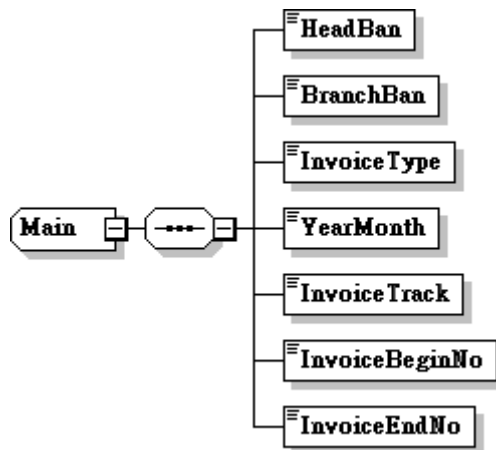


Figure 37: BranchTrack /Main message structure

Table 80: Specifications of element “BranchTrack/Main”

Element name	XML Schema syntax	Data length	Necessity	Remark
HeadBan	type="BAN"		M	See the specifications of element “BAN” for definition and example.
BranchBan	type="BAN"		M	See the specifications of element “BAN” for definition and example. For the remaining alphabetic letters ranges of invoice serial numbers left after distribution to branches these numbers shall belong to the head office, and therefore the head office’s uniform invoice number shall be provided in this field.
InvoiceType	type="InvoiceTypeEnum"		M	See the specifications of element “ InvoiceTypeEnum” for definition and example.
YearMonth	xsd:string xsd:minLength value="5" xsd:maxLength value="5" xsd:pattern value="\d{3}0[2 4 6 8]\d{3}1[0 2]"	5	M	Even-number months only, for example: 11102(for11101~11102) 11104(for11103~11104) 11106(for11105~11106) 11108(for11107~11108) 11110(for11109~11110) 11112(for11111~11112)
InvoiceTrack	xsd:string xsd:minLength value="2" xsd:maxLength value="2" xsd:pattern	2	M	2 alphabets (in upper case)

	value="[A-Z]{2}"			
InvoiceBeginNo	xsd:string xsd:minLength value="8" xsd:maxLength value="8" xsd:pattern value="\d{8}"	8	M	8 digits, the last 2 yards are 00 or 50. The beginning number of invoice shall be consistent with that in the E-Invoice Platform.
InvoiceEndNo	xsd:string xsd:minLength value="8" xsd:maxLength value="8" xsd:pattern value="\d{8}"	8	M	8 digits, the last 2 yards are 49 or 99. The beginning number of invoice shall be consistent with that in the E-Invoice Platform.

- BranchTrack/Details

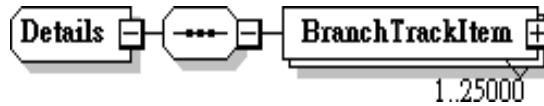


Figure 38: BranchTrack/Details message structure

Table 81: Specifications of aggregate “BranchTrack/Details”

Element name	XML Schema syntax	Data length	Necessity	Remark
BranchTrackItem	<xsd:element name="BranchTrackItem" maxOccurs="25000">		M	

Table 82: Specifications of element “BranchTrack/Details/ BranchTrackItem”

Element name	XML Schema syntax	Data length	Necessity	Remark
InvoiceBeginNo	xsd:string xsd:minLength value="8" xsd:maxLength value="8" xsd:pattern value="\d{8}"	8	M	8 digits, the last 2 yards are 00 or 50. The beginning number of invoice shall be consistent with that in the E-Invoice Platform.
InvoiceEndNo	xsd:string xsd:minLength value="8" xsd:maxLength value="8" xsd:pattern value="\d{8}"	8	M	8 digits, the last 2 yards are 49 or 99. The beginning number of invoice shall be consistent with that in the E-Invoice Platform.
InvoiceBooklet	xsd: long xsd:totalDigits value="10" xsd:minInclusive value="0"		M	

## Chapter 21. E0402 BranchTrackBlankNumber

### I. Message function

The E0402 “BranchTrackBlankNumber” is used when the business entity or value-added center uploads data with Turnkey by the 10<sup>th</sup> day of every period. For repeated uploading in the same period (possibly by different value-added center), if the E-Invoice Platform receives repeated or overlapped Details/BranchTrackBlankItem, the repeated or overlapped data will be deleted and the data uploaded later will be saved in the database. If the blank uniform invoices uploaded in the same period are not repeated or overlapped with any of the alphabetic letters numbers previously uploaded, the original data are kept and those newly uploaded will be saved in the database. In case that a mistake is found the data originally uploaded and the data are not repeated or overlapped with the numbers newly uploaded, the user may log in the E-Invoice Platform through the web to delete the mistaken data, or overwrite the mistaken data by uploading new and correct BranchTrack (since the new data are overlapped with the mistaken ones) and then upload again the complete version of the correct data (since this is overlapped with the number range).

Example 1: there are two branch offices, A and B, under the head office. The head office gets the numbers and distributes them to BranchTrack. The head office or a value-added center shall upload the following to the E-Invoice Platform:

```
<BranchTrackBlank>
  <Main>
    <HeadBan>head office tax ID number</HeadBan>
    <BranchBan>branch A tax ID number</BranchBan>
    <InvoiceType>07</InvoiceType>
    <YearMonth>10606</YearMonth>
    <InvoiceTrack>AB</InvoiceTrack>
  </Main>
  <Details>
    <BranchTrackBlankItem>
      <InvoiceBeginNo>00001080</InvoiceBeginNo>
```

```

    <InvoiceEndNo>00001499</InvoiceEndNo>
  </BranchTrackBlankItem>
</Details>
</BranchTrackBlank>

```

Example 2: there are two branch offices, A and B, under the head office. A and B get their own numbers and the head office, branches or authorized value-added center shall upload the following to the E-Invoice Platform:

```

<BranchTrackBlank>
  <Main>
    <HeadBan>branch A tax ID number</HeadBan>
    <BranchBan>branch A tax ID number</BranchBan>
    <InvoiceType>07</InvoiceType>
    <YearMonth>10606</YearMonth>
    <InvoiceTrack>AB</InvoiceTrack>
  </Main>
  <Details>
    <BranchTrackBlankItem>
      <InvoiceBeginNo>00001080</InvoiceBeginNo>
      <InvoiceEndNo>00001499</InvoiceEndNo>
    </BranchTrackBlankItem>
  </Details>
</BranchTrackBlank>

```

### Example 3: Alphabetic letters range of details overlapped

- The alphabetic letters range of details overlapped. In the example below, the first detail range is from 1000 to 1500 and the third is from 1000 to 1200. The system will reject the entire packet and reply “Uploaded detail ranges overlapped; check and upload again.”

```

<BranchTrackBlank>
  <Main>
    <HeadBan>head office tax ID number</HeadBan>
    <BranchBan>branch A tax ID number</BranchBan>
    <InvoiceType>07</InvoiceType>
    <YearMonth>10606</YearMonth>
    <InvoiceTrack>AB</InvoiceTrack>
  </Main>
  <Details>
    <BranchTrackBlankItem>
      <InvoiceBeginNo>00001000</InvoiceBeginNo>
      <InvoiceEndNo>00001500</InvoiceEndNo>
    </BranchTrackBlankItem>
    <BranchTrackBlankItem>
      <InvoiceBeginNo>00002000</InvoiceBeginNo>
      <InvoiceEndNo>00003000</InvoiceEndNo>
    </BranchTrackBlankItem>
    <BranchTrackBlankItem>
      <InvoiceBeginNo>00001000</InvoiceBeginNo>
      <InvoiceEndNo>00001200</InvoiceEndNo>
    </BranchTrackBlankItem>
  </Details>
</BranchTrackBlank>

```

- To correct the detail alphabetic letters range that has been saved in the database of E-Invoice Platform, all the user has to do is to upload the correct range.
  - A detail range, 1000~1500, has been saved. In fact, however, it should be 1200~1400. So just upload a packet with the correct detail range between 1200 and 1400. The system will be based on



the later data for the repeated detail range, which means, at the end, the system will save the 1200~1400 range and delete the 1000~1500 range.

- A detail range, 1000~1500, has been saved. In fact, however, it should be 1550~1800 instead of 1000~1500. This requires uploading two packets of E0402, one containing the 1000~1800 range and the other 1550~1800. The system will be based on the later data for the overlapped detail range. Therefore, when the system is dealing with the first packet, the 1000~1500 range will be deleted and 1000~1800 added; when dealing with the second packet, the range 1000~1800 will be deleted and 1550~1800 added; i.e. at the end, the 1550~1800 range will be saved in the system.

This message is described as follows:

## II. Message tree

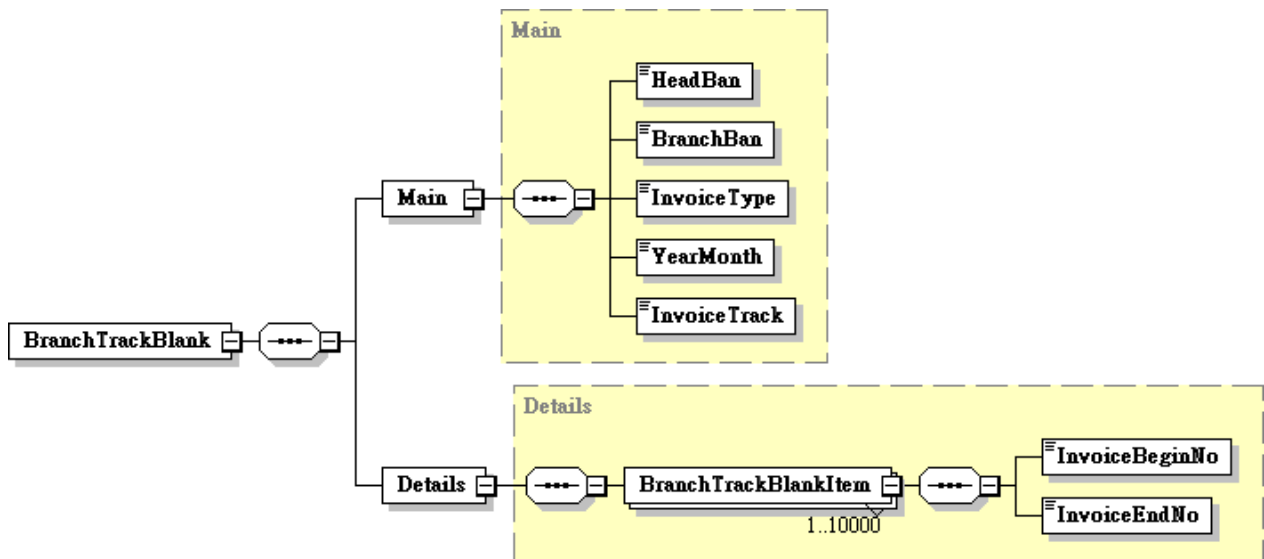


Figure 39: E0402 message structure

III. Message tree

Table 83: E0402 message tree

MIG E0402 BranchTrackBlankNumber			
Legend:			
Data Grouping/Header Tag - Does not contain information			
MG Line #	Cardinality	Data Element	Usage Note
1	1	BranchTrackBlank	
2	1	--Main	
3	1	-- HeadBan	
3	1	-- BranchBan	
4	1	-- InvoiceType	
5	1	-- YearMonth	
6	1	-- InvoiceTrack	
9	1	--Details	
10	1...10000	-- BranchTrackBlankItem	
12	1	--InvoiceBeginNo	
13	1	-- InvoiceEndNo	

IV. Specifications of elements or aggregates

- BranchTrackBlank

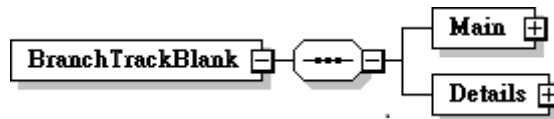


Figure 40: BranchTrackBlank message structure

Table 84: Specifications of aggregate “BranchTrackBlank”

Element name	XML Schema syntax	Data length	Necessity	Remark
Main	<xsd:elementname="Main" type="Main"/>		M	
Details	<xsd:elementname="Details " type="Details"/>		M	

- BranchTrackBlank/Main

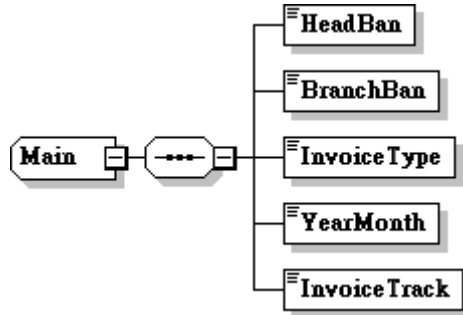


Figure 41: BranchTrackBlank/Main message structure  
 Table 85: Specifications of element “BranchTrackBlank/Main”

Element name	XML Schema syntax	Data length	Necessity	Remark
HeadBan	type="BAN"		M	See the specifications of element “BAN” for definition and example.
BranchBan	type="BAN"		M	See the specifications of element “BAN” for definition and example.
InvoiceType	type="InvoiceTypeEnum"		M	See the specifications of element “InvoiceTypeEnum” for definition and example.
YearMonth	xsd:string xsd:minLength value="5" xsd:maxLength value="5" xsd:pattern value="\d{3}0[2 4 6 8]\d{3}1 [0 2]"	5	M	Even-number months only, for example: 11102(for11101~11102) 11104(for11103~11104) 11106(for11105~11106) 11108(for11107~11108) 11110(for11109~11110) 11112(for11111~11112)
InvoiceTrack	xsd:string xsd:minLength value="2" xsd:maxLength value="2" xsd:pattern value="[A-Z]{2}"	2	M	2 alphabets (in upper case)

- BranchTrackBlank/Details



Figure 42: BranchTrackBlank/Details message structure

Table 86: Specifications of aggregate “BranchTrackBlank/Details”

Element name	XML Schema syntax	Data length	Necessity	Remark
BranchTrackItem	<xsd:element name="BranchTrackBlankItem" maxOccurs="10000"		M	

Table 87: Specifications of element “BranchTrackBlank/Details/BranchTrackBlankItem”

Element name	XML Schema syntax	Data length	Necessity	Remark
InvoiceBeginNo	xsd:string xsd:minLength value="8" xsd:maxLength value="8"   xsd:pattern value="\d{8}"	8	M	8 digits, the last 2 yards are 00 or 50. The beginning number of invoice shall be consistent with that in the E-Invoice Platform.
InvoiceEndNo	xsd:string xsd:minLength value="8" xsd:maxLength value="8"   xsd:pattern value="\d{8}"	8	M	8 digits, the last 2 yards are 49 or 99. The beginning number of invoice shall be consistent with that in the E-Invoice Platform.

## Chapter 22. E0501 InvoiceAssignNo

### I. Message function

The “InvoiceAssignNo” is provided to business entities and authorized value-added center to download the business entity electronic uniform invoice number assignment file. This message is described as follows:

### II. Message structure

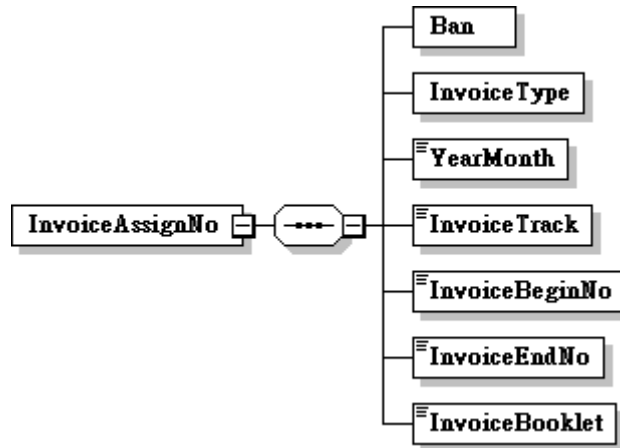


Figure 43:E0501 message structure

### III. Message tree

Table 88:E0501 message tree

MIG E0501 InvoiceAssignNo			
Legend:			
Data Grouping/Header Tag - Does not contain information			
MG Line #	Cardinality	Data Element	Usage Note
1	1	InvoiceAssignNo	
2	1	--Ban	
3	1	-- InvoiceType	
4	1	-- YearMonth	
5	1	-- InvoiceTrack	
6	1	-- InvoiceBeginNo	
7	1	-- InvoiceEndNo	
8	1	-- InvoiceBooklet	

IV. Specifications of elements or aggregates

(I) InvoiceAssignNo

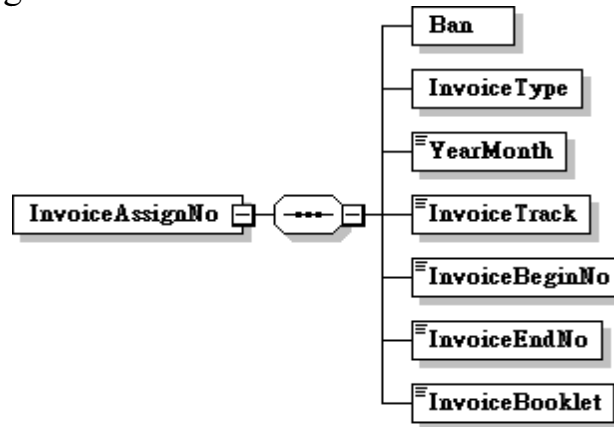


Figure 44:InvoiceAssignNo message structure

Table 89: Specifications of element “InvoiceAssignNo”

Element name	XML Schema syntax	Data length	Necessity	Remark
Ban	type="BAN"		M	See the specifications of element “BAN” for definition and example.
InvoiceType	type="InvoiceTypeEnum"		M	See the specifications of element “InvoiceTypeEnum” for definition and example.
YearMonth	xsd:string xsd:minLength value="5" xsd:maxLength value="5" xsd:pattern value="\d{3}0[2 4 6 8]\d{3}1[0 2]"	5	M	Even-number months only, for example: 11102(for11101~11102) 11104(for11103~11104) 11106(for11105~11106) 11108(for11107~11108) 11110(for11109~11110) 11112(for11111~11112)
InvoiceTrack	xsd:string xsd:minLength value="2" xsd:maxLength value="2" xsd:pattern value="[A-Z]{2}"	2	M	2 alphabets (in upper case)
InvoiceBeginNo	xsd:string xsd:minLength value="8" xsd:maxLength value="8" xsd:pattern value="\d{8}"	8	M	8 digits, the last 2 yards are 00 or 50. The beginning number of invoice shall be consistent with that in the E-Invoice Platform.
InvoiceEndNo	xsd:string xsd:minLength value="8" xsd:maxLength value="8" xsd:pattern value="\d{8}"	8	M	8 digits, the last 2 yards are 49 or 99. The beginning number of invoice shall be consistent with that in the E-Invoice Platform.

InvoiceBooklet	xsd: long xsd:totalDigits value="10" xsd:minInclusive value="0"		M	
----------------	---	--	---	--

## **Chapter 23. E0502 Input Invoice Message for Platform Certification**

### **I. Message function**

The “Input Invoice Message” Mainly to provide the operator and the authorized value-added center to download the input invoice file of the operator. This message is described as follows:



## II. Message structure

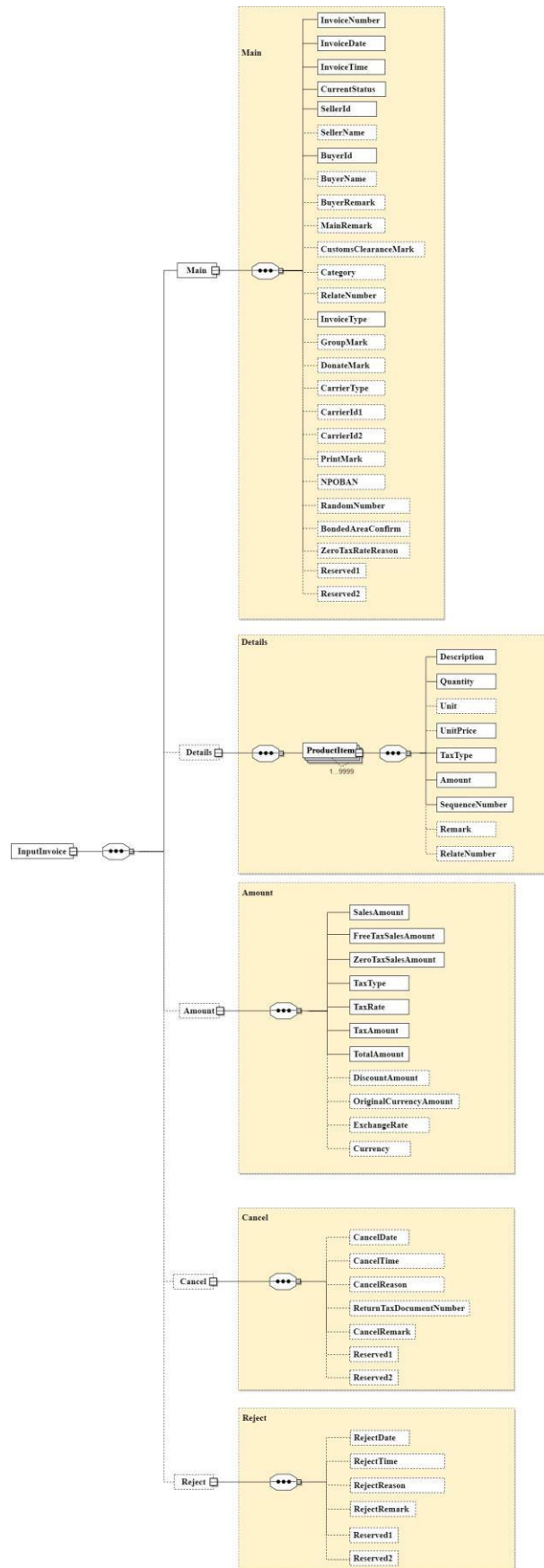


Figure 45:E0502 message structure

III. Message tree

Table 90:E0502 message tree

<b>MIG E0502 Input Invoice Message for Platform Certification</b>			
<b>Legend:</b>			
<b>Data Grouping/Header Tag - Does not contain information</b>			
<b>MG Line #</b>	<b>Cardinality</b>	<b>Data Element</b>	<b>Usage Note</b>
1	1	InputInvoice	
2	1	--Main	
3	1	--InvoiceNumber	
4	1	--InvoiceDate	
5	1	--InvoiceTime	
6	1	--CurrentStatus	
7	1	--SellerId	
8	0..1	--SellerName	
9	1	--BuyerId	
10	0..1	--BuyerName	
11	0..1	--BuyerRemark	
12	0..1	--MainRemark	
13	0..1	--CustomsClearanceMark	
14	0..1	--Category	
15	0..1	--RelateNumber	
16	0..1	--InvoiceType	
17	0..1	--GroupMark	
18	0..1	--DonateMark	
19	0..1	--CarrierType	
20	0..1	--CarrierId1	
21	0..1	--CarrierId2	
22	0..1	--PrintMark	
23	0..1	--NPOBAN	
24	0..1	--RandomNumber	
25	0..1	--BondedAreaConfirm	
26	0..1	--ZeroTaxRateReason	
27	0..1	--Reserved1	
28	0..1	--Reserved2	
29	0..1	--Details	
30	1..9999	--ProductItem	
31	1	--Description	
32	1	--Quantity	

33	0..1				--Unit	
34	1				--UnitPrice	
35	1				--TaxType	
36	1				--Amount	
37	1				--SequenceNumber	
38	0..1				--Remark	
39	0..1				--RelateNumber	
40	0..1				--Amount	
41	1				--SalesAmount	
42	1				--FreeTaxSalesAmount	
43	1				--ZeroTaxSalesAmount	
44	1				--TaxType	
45	1				--TaxRate	
46	1				--TaxAmount	
47	1				--TotalAmount	
48	0..1				--DiscountAmount	
49	0..1				--OriginalCurrencyAmount	
50	0..1				--ExchangeRate	
51	0..1				--Currency	
52	0..1				--Cancel	
53	0..1				--CancelDate	
54	0..1				--CancelTime	
55	0..1				--CancelReason	
56	0..1				--ReturnTaxDocumentNumber	
57	0..1				--CancelRemark	
58	0..1				--Reserved1	
59	0..1				--Reserved2	
60	0..1				--Reject	
61	0..1				--RejectDate	
62	0..1				--RejectTime	
63	0..1				--RejectReason	
64	0..1				--RejectRemark	
65	0..1				--Reserved1	
66	0..1				--Reserved2	

V. Specifications of elements or aggregates

(I) InputInvoice

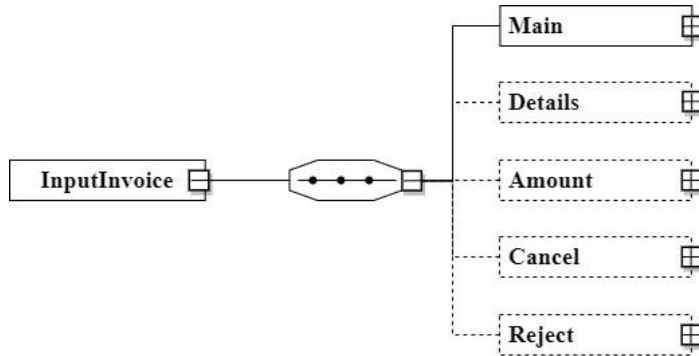


Figure 46:InputInvoice message structure  
 Table 91:Specifications of element  
 “InputInvoice”

Element name	XML Schema syntax	Data length	Necessity	Remark
Main	<xsd:element name="Main" type="Main"/>		M	
Details	<xsd:element name="Details" type="Details" minOccurs="0" />		O	
Amount	<xsd:element name="Amount" type="Amount" minOccurs="0" />		O	
Cancel	<xsd:element name="Cancel" type="Cancel" minOccurs="0" />		O	This element has a value when the invoice status is Cancel
Reject	<xsd:element name="Reject" type="Reject" minOccurs="0" />		O	This element has a value when the invoice status is Reject

(II) InputInvoice/Main

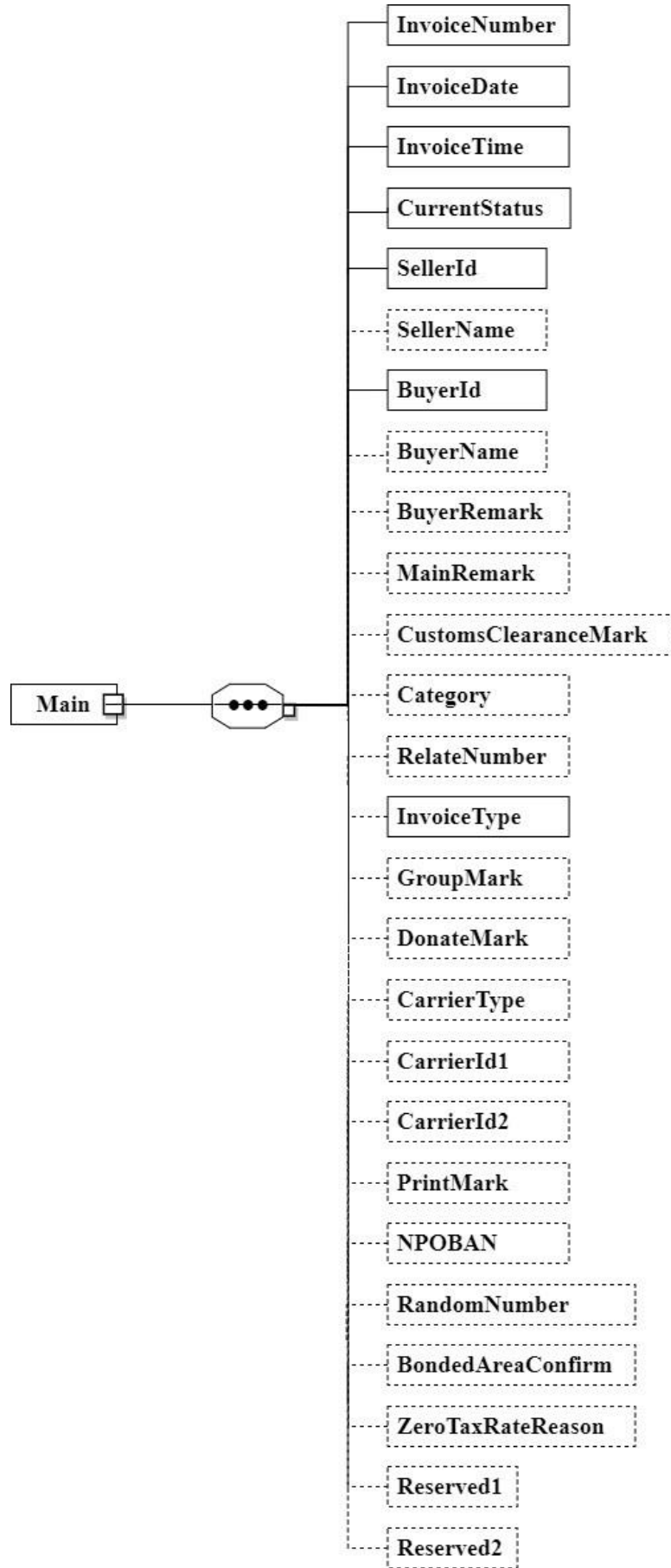


Figure 47:InputInvoice/Main message structure

Table 92:Specifications of element “InputInvoice/Main”

Element name	XML Schema syntax	Data length	Necessity	Remark
InvoiceNumber	type="InvoiceNumberType"		M	See the specifications of element “InvoiceNumberType” for definition and example.
InvoiceDate	type="DateType"		M	See the specifications of element “DateType” for definition and example.
InvoiceTime	type="TimeType"		M	Specifications of element “TimeType” for definition and example.
CurrentStatus	xsd:string xsd:maxLength value="1"		M	1: Opening not confirmed 2: Opening confirmed 3: Void not confirmed 4: Void confirmed 5: Return not confirmed 6: Return confirmed 7: Cancelled
SellerId	type="BAN"		M	See the specifications of element “BAN” for definition and example.
SellerName	xsd:string xsd:minLength value="1" xsd:maxLength value="60"	60	O	
BuyerId	type="BAN"		M	See the specifications of element “BAN” for definition and example.
BuyerName	xsd:string xsd:minLength value="1" xsd:maxLength value="60"	60	O	
BuyerRemark	type="BuyerRemarkEnum"		O	See the specifications of element “BuyerRemarkEnum” for definition.
MainRemark	xsd:string xsd:maxLength value="200"	200	O	
CustomsClearanceMark	type="CustomsClearanceMarkEnum"		O	See the specifications of element “CustomsClearanceMarkEnum” for definition.
Category	xsd:string xsd:maxLength value="2"	2	O	
RelateNumber	xsd:string xsd:maxLength value="20"	20	O	

InvoiceType	type="InvoiceTypeEnum"		O	See the specifications of element "InvoiceTypeEnum" for definition
GroupMark	xsd:string xsd:length value="1"	1	O	Separate with "*"
Donate Mark	type="DonateMarkEnum"		O	See the specifications of element "DonateMarkEnum" for definition
CarrierType	type="CarrierTypeEnum"		O	See the specifications of element "CarrierTypeEnum" for definition
CarrierId1	xsd:string xsd:maxLength value="400"	400	O	
CarrierId2	xsd:string xsd:maxLength value="400"	400	O	
PrintMark	xsd:string xsd:minLength value="1" xsd:maxLength value="1" xsd:pattern value="[Y,N]"	1	O	
NPOBAN	xsd:string xsd: maxLength value="10"		O	See the specifications of element "BAN" for definition and example.
RandomNumber	xsd:string xsd:minLength value="4" xsd:maxLength value="4" xsd:pattern value="[0-9] [0-9] [0-9] [0-9]"	4	O	
BondedAreaConfirm	type="BondedAreaEnum"		O	See the specifications of element "BondedAreaEnum" for definition.
ZeroTaxRateReason	Type="ZeroTaxRateReasonEnum"		O	Mandatory for zero tax rates. For detailed definitions, please refer to ZeroTaxRateReasonEnum.
Reserved1	sd:string xsd:maxLength value="20"	20	O	Reserved fields
Reserved2	sd:string xsd:maxLength value="100"	100	O	Reserved fields

(III) InputInvoice/Details

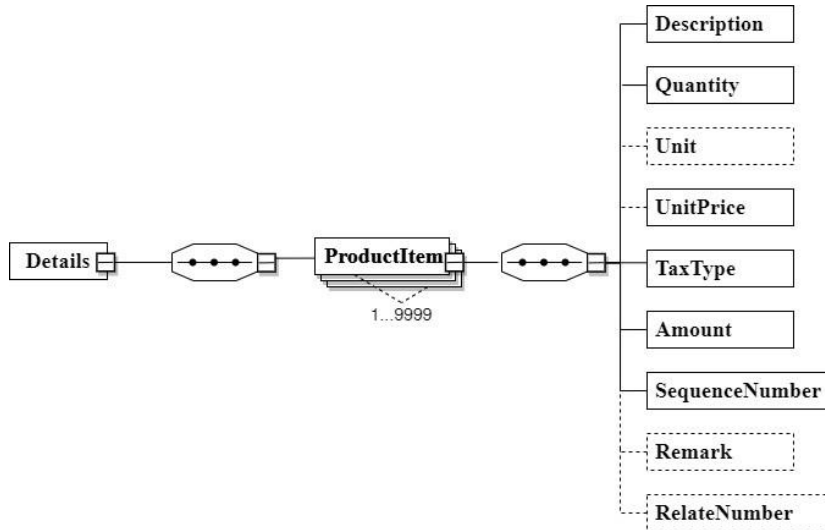


Figure 48:InputInvoice/Details message structure

Table 93:Specifications of element “InputInvoice/Details”

Element name	XML Schema syntax	Data length	Necessity	Remark
ProductItem	<xsd:element name="ProductItem" minOccurs="1"maxOccurs="9999">		M	

Table 94:Specifications of element “InputInvoice/Details/ProductItem”

Element name	XML Schema syntax	Data length	Necessity	Remark
Description	xsd:string maxLength value="500"	500	M	
Quantity	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	
Unit	xsd:string maxLength value="6"	6	O	
UnitPrice	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	
TaxType	type="TaxTypeEnum"		M	See the specifications of element “TaxTypeEnum” for definition.
Amount	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	
SequenceNumber	xsd:string maxLength value="4"	4	M	
Remark	xsd:string maxLength value="120"	120	O	
RelateNumber	xsd:string maxLength value="50"	50	O	



(IV) InputInvoice/Amount

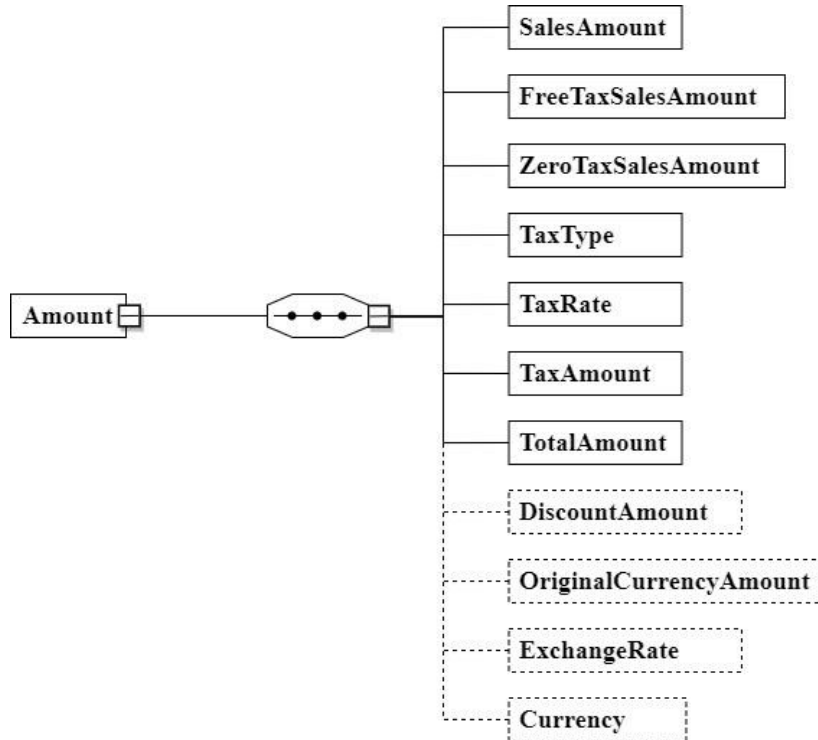


Figure 49:InputInvoice/Amount message structure

Table 95:pecifications of element “InputInvoice/Amount”

Element name	XML Schema syntax	Data length	Necessity	Remark
SalesAmount	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	
FreeTaxSalesAmount	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	
ZeroTaxSalesAmount	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	
TaxType	type="TaxTypeEnum"		M	See the specifications of elemen “TaxTypeEnum” for definition.
TaxRate	xsd:decimal xsd:totalDigits value="6" xsd:fractionDigits value="4"		M	Example: enter 0.05 for tax rate of 5%
TaxAmount	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="0"		M	
TotalAmount	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	

DiscountAmount	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		O	
OriginalCurrencyAmount	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		O	
ExchangeRate	xsd:decimal xsd:totalDigits value="13" xsd:fractionDigits value="5"		O	
Currency	type="CurrencyCodeEnum"	3	O	See the specifications of element "CurrencyCodeEnum" for definition.

(V) InputInvoice/Cancel

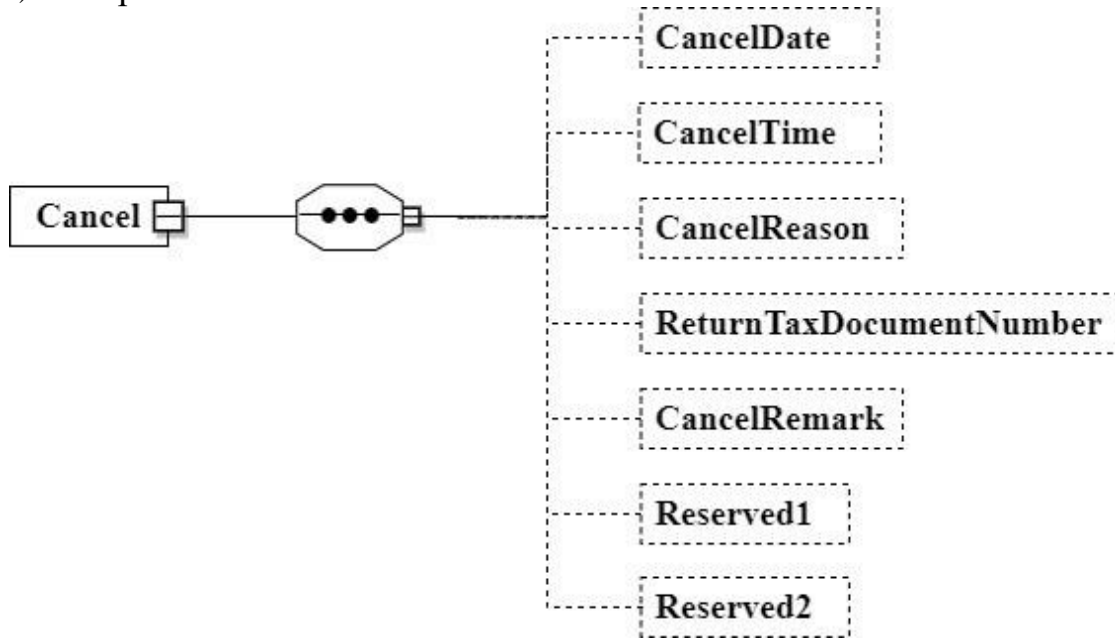


Figure 50:InputInvoice/Cancel message structure

Table 96:pecifications of element “nputInvoice/Cancel”

Element name	XML Schema syntax	Data length	Necessity	Remark
CancelDate	type="DateType"		O	See the specifications of element “DateType” for definition and example.
CancelTime	type="TimeType"		O	Specifications of element “TimeType” for definition and example.
CancelReason	xsd:string xsd:maxLength value="20"	20	O	
ReturnTaxDocumentNumber	xsd:string xsd:maxLength value="60"	60	O	
CancelRemark	xsd:string xsd:maxLength value="200"	200	O	
Reserved1	sd:string xsd:maxLength value="20"	20	O	Reserved fields
Reserved2	sd:string xsd:maxLength value="100"	100	O	Reserved fields

(VI) InputInvoice/Reject (B2B Only)

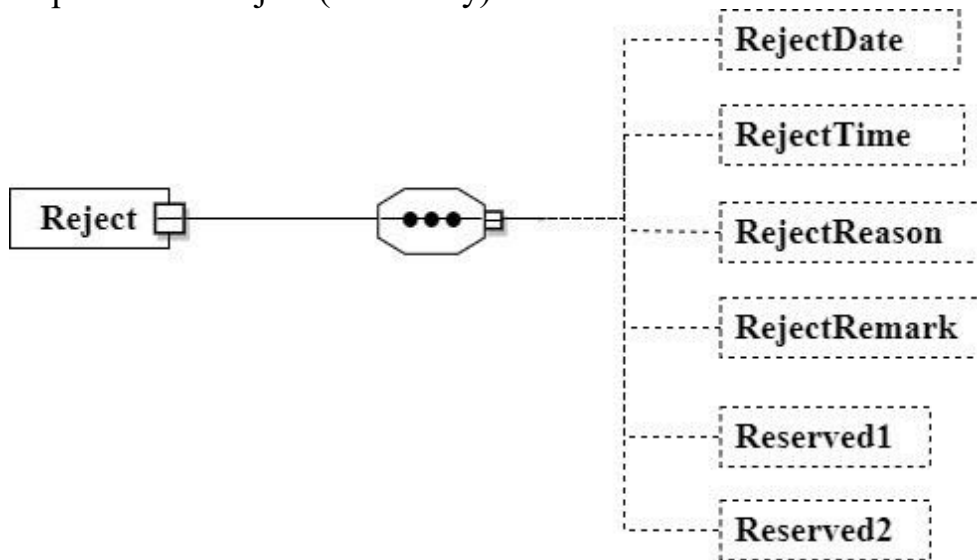


Figure 51:InputInvoice/Reject message structure

Table 97:Specifications of element “InputInvoice/Reject”

Element name	XML Schema syntax	Data length	Necessity	Remark
RejectDate	type="DateType"		O	See the specifications of element “DateType” for definition and example.
RejectTime	type="TimeType"		O	Specifications of element “TimeType” for definition and example.
RejectReason	xsd:string xsd:maxLength value="20"	20	O	
RejectRemark	xsd:string xsd:maxLength value="200"	200	O	
Reserved1	sd:string xsd:maxLength value="20"	20	O	Reserved fields
Reserved2	sd:string xsd:maxLength value="100"	100	O	Reserved fields

## Chapter 24. E0503 Input Allowance Message for Platform Certification

### I. Message function

The “Input Allowance Message” Mainly to provide the proprietor to download the input deposit passbook information.This message is described as follows:

### II. Message structure

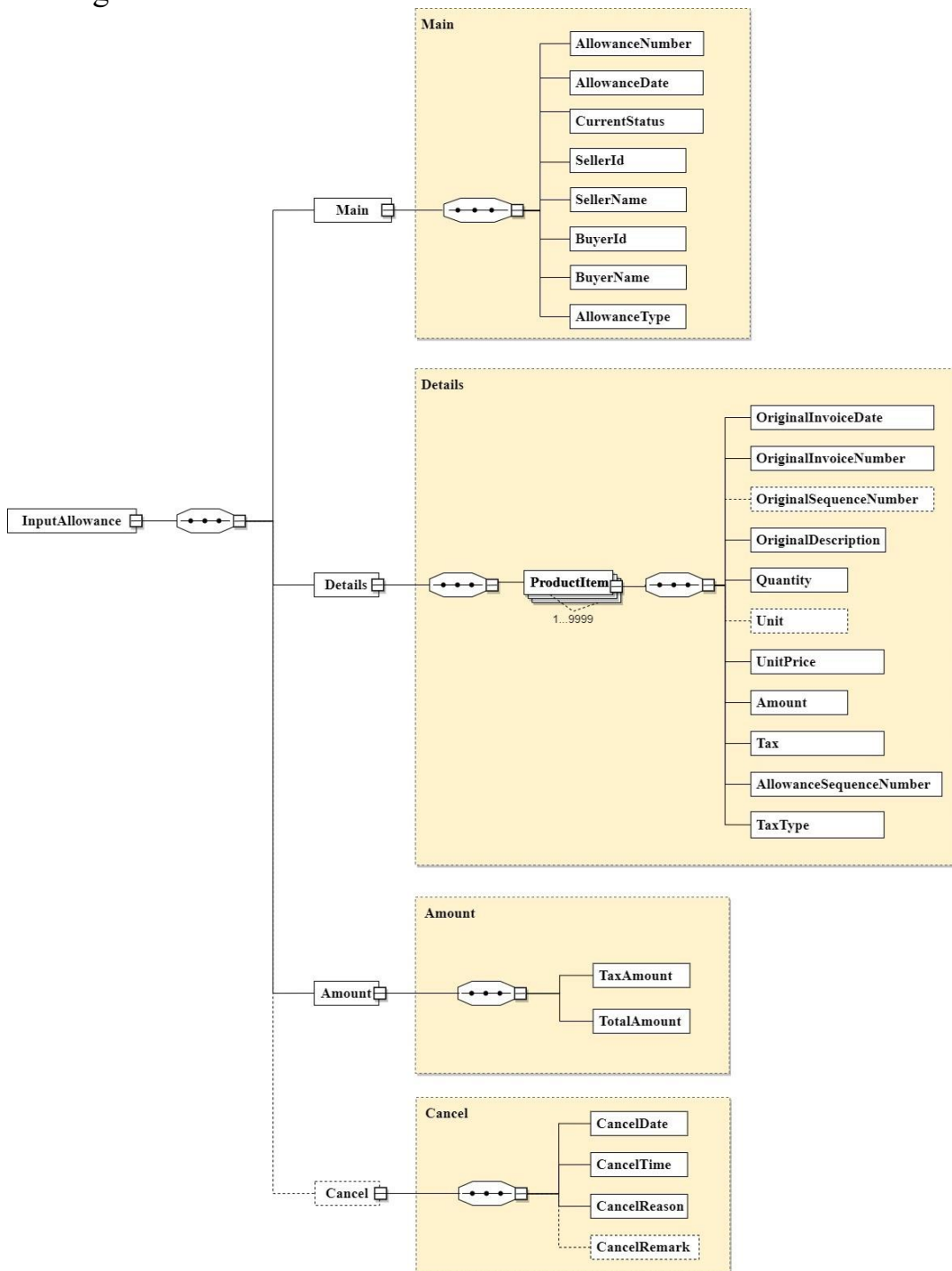


Figure 52: E0503 message structure

III. Message tree

Table 98:E0503 message tree

<b>MIG E0503 Input Allowance Message</b>			
<b>Legend:</b>			
	<b>Data Grouping/Header Tag - Does not contain information</b>		
<b>MG Line #</b>	<b>Cardinality</b>	<b>Data Element</b>	<b>Usage Note</b>
1	1	InputAllowance	
2	1	--Main	
3	1	--AllowanceNumber	
4	1	--AllowanceDate	
5	1	--CurrentStatus	
6	1	--SellerId	
7	1	--SellerName	
8	1	--BuyerId	
9	1	--BuyerName	
10	1	--AllowanceType	
11	1	--Details	
12	1..9999	--ProductItem	
13	1	--OriginalInvoiceDate	
14	1	--OriginalInvoiceNumber	
15	0..1	--OriginalSequenceNumber	
16	1	--OriginalDescription	
17	1	--Quantity	
18	0..1	--Unit	
19	1	--UnitPrice	
20	1	--Amount	
21	1	--Tax	
22	1	--AllowanceSequenceNumber	
23	1	--Tax Type	
24	1	--Amount	
25	1	--TaxAmount	
26	1	--TotalAmount	
27	0..1	--Cancel	
28	1	--CancelDate	
29	1	--CancelTime	
30	1	--CancelReason	
31	0..1	--CancelRemark	

#### IV. Specifications of elements or aggregates

##### (I) InputAllowance

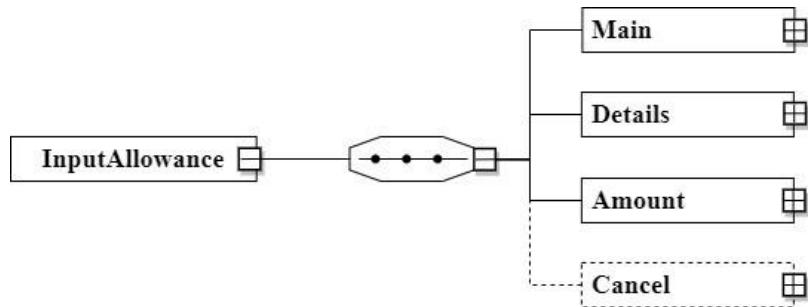


Figure 53:InputAllowance message structure

Table 99:Specifications of element “InputAllowance”

Element name	XML Schema syntax	Data length	Necessity	Remark
Main	<xsd:element name="Main" type="Main"/>		M	
Details	<xsd:element name="Details" type="Details"/>		M	
Amount	<xsd:element name="Amount" type="Amount"/>		M	
Cancel	<xsd:element name="Cancel" type="Cancel"/>		O	This element has a value when the reciprocal order status is Invalid

(II) InputAllowance/Main

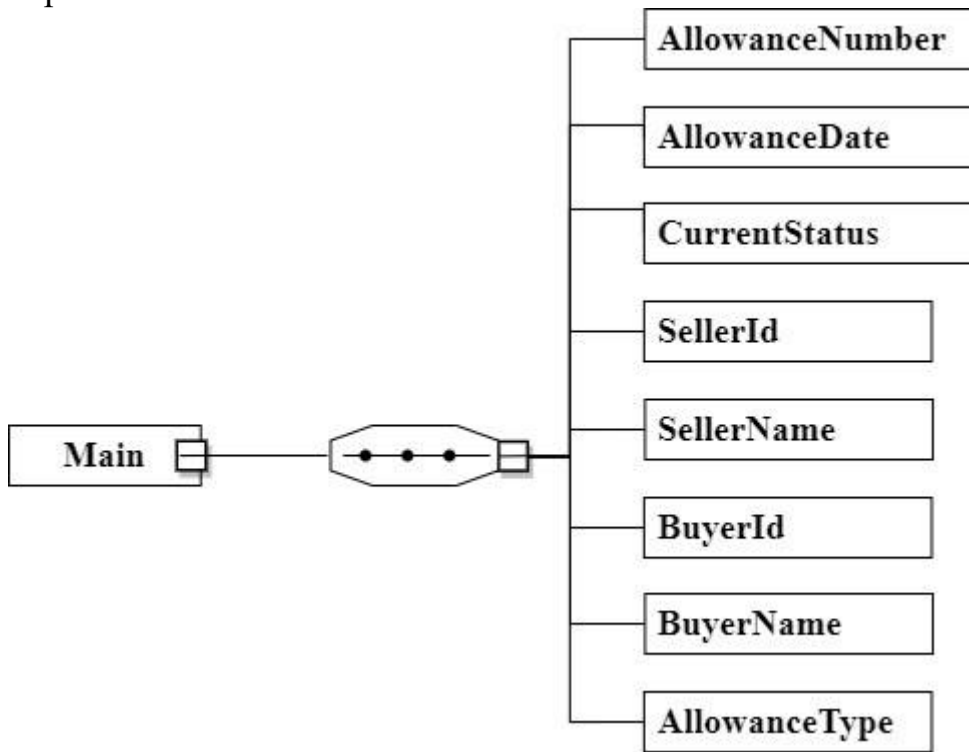


Figure 54:InputAllowance/Main message structure

Table 100:Specifications of element “InputAllowance/Main”

Element name	XML Schema syntax	Data length	Necessity	Remark
AllowanceNumber	type="AllowanceNumberType "		M	See the specifications of element “AllowanceNumberType” for definition and example
AllowanceDate	type="DateType"		M	See the specifications of element “DateType” for definition and example
CurrentStatus	xsd:string xsd:maxLength value="1"		M	1: Allowance non confirm 2: Allowance confirmed 3: Void non confirm 4: Void confirmed 7: Canceled
SellerId	type="BAN"		M	See the specifications of element “BAN” for definition and example
SellerName	xsd:string xsd:minLength value="1" xsd:maxLength value="60"	60	O	
BuyerId	type="BAN"		M	See the specifications of element “BAN” for definition and example
BuyerName	xsd:string xsd:minLength value="1" xsd:maxLength value="60"	60	O	



AllowanceType	type="AllowanceType"		M	<p>See the specifications of element “AllowanceType” for definition and example</p> <p>1: allowance certificate issued by buyer</p> <p>2: allowance certificate issued by seller</p>
---------------	----------------------	--	---	--

(III) InputAllowance/Details

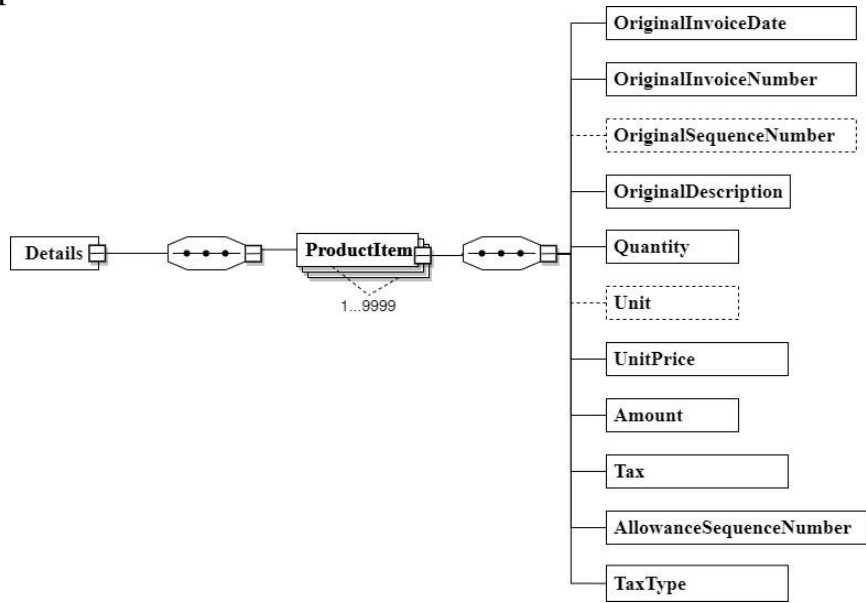


Figure 55:InputAllowance/Details message structure

Table 101:Specifications of element

Element name	XML Schema syntax	Data length	Necessity	Remark
ProductItem	<xsd:element name="ProductItem" minOccurs="1" maxOccurs="9999">		M	

Table 102:Specifications of element “InputAllowance/Details/ProductItem”

Element name	XML Schema syntax	Data length	Necessity	Remark
OriginalInvoiceDate	type="DateType"		M	See the specifications of element “DateType” for definition and example
OriginalInvoiceNumber	type="InvoiceNumberType"		M	See the specifications of element “InvoiceNumberType” for definition and example
OriginalSequenceNumber	xsd:string xsd:maxLength value="4"	4	O	The Sequence Number field corresponding to the original invoice details
OriginalDescription	xsd:string xsd:maxLength value="500"	500	M	
Quantity	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	
Unit	xsd:string xsd:maxLength value="6"	6	O	
UnitPrice	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	
Amount	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	
Tax	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="0"		M	
AllowanceSequenceNumber	xsd:string xsd:maxLength value="4"	4	M	The system uses the sequence number of the reciprocal certificate of the single detail
TaxType	type="TaxType"		M	See the specifications of element “TaxTypeEnum” for definition and example

(IV) InputAllowance/Amount

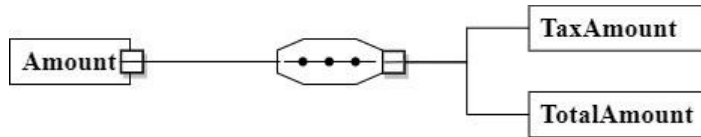


Figure 56:InputAllowance/Amount message structure

Table 103:Specifications of element “InputAllowance/Amount”

Element name	XML Schema syntax	Data length	Necessity	Remark
TaxAmount	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	
TotalAmount	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	

(V) InputAllowance/Cancel

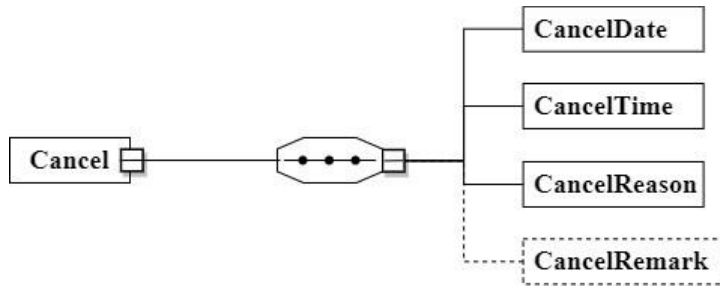


Figure 57:InputAllowance/Cancel message structure

Table 104:Specifications of element “InputAllowance/Cancel”

Element name	XML Schema syntax	Data length	Necessity	Remark
CancelDate	type="DateType"		M	
CancelTime	type="TimeType"		M	See the specifications of element “TimeType” for definition and example
CancelReason	xsd:string xsd:maxLength value="20"	20	M	Length is at least 1
CancelRemark	xsd:string xsd:maxLength value="200"	200	O	

## Chapter 25. E0504 AwardList

### I. Message function

“AwardList” Mainly to provide the operator and the authorized value-added center to download the information file of the operator's winning list. This message is described as follows:

### II. Message structure

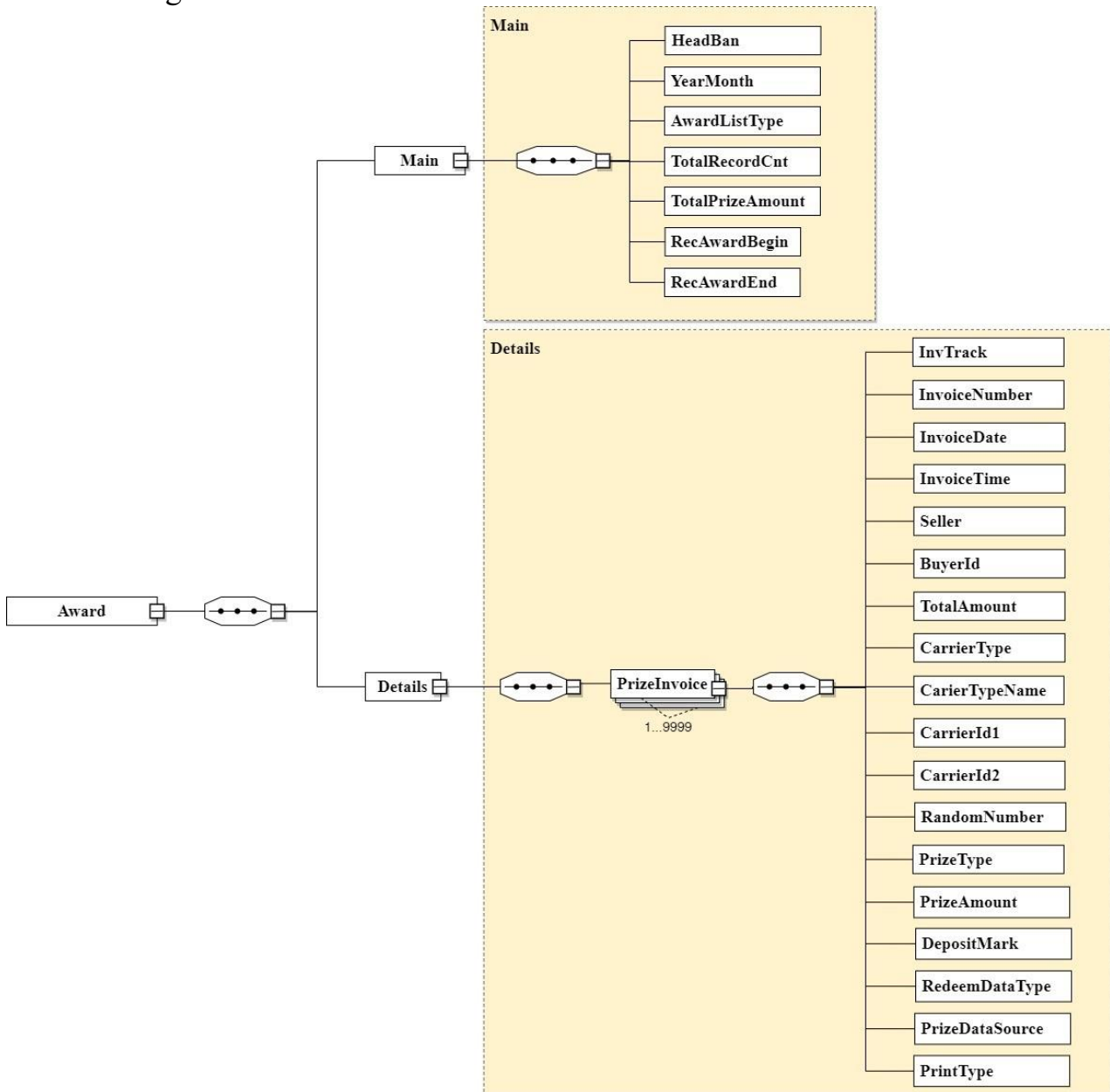


Figure 58:E0504 message structure

III. Message tree

Table 105:E0504 message tree

<b>MIG E0504 AwardList</b>			
<b>Legend:</b>			
<b>Data Grouping/Header Tag - Does not contain information</b>			
<b>MG Line #</b>	<b>Cardinality</b>	<b>Data Element</b>	<b>Usage Note</b>
1	1	Award	
2	1	--Main	
3	1	--HeadBan	
4	1	--YearMonth	
5	1	--AwardListType	
6	1	--TotalRecordCnt	
7	1	--TotalPrizeAmount	
8	1	--RecAwardBegin	
9	1	--RecAwardEnd	
10	1	--Details	
11	1..9999	--PrizeInvoice	
12	1	--InvTrack	
13	1	--InvoiceNumber	
14	1	--InvoiceDate	
15	1	--InvoiceTime	
16	1	--Seller	
17	1	--BuyerId	
18	1	--TotalAmount	
19	1	--CarrierType	
20	1	--CarrierTypeName	
21	1	--CarrierId1	
22	1	--CarrierId2	
23	1	--RandomNumber	
24	1	--PrizeType	
25	1	--PrizeAmount	
26	1	--DepositMark	
27	1	--RedeemDataType	
28	1	--PrizeDataSource	
29	1	--PrintType	

IV. Specifications of elements or aggregates

(I) Award

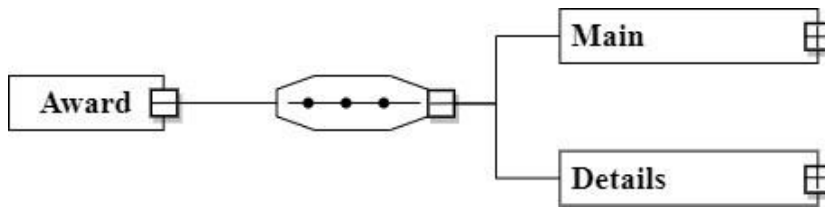


Figure 59: Award message structure

Table 106: Specifications of element “Award”

Element name	XML Schema syntax	Data length	Necessity	Remark
Main	<xsd:element name="Main" type="Main"/>		M	
Details	<xsd:element name="Details" type="Details"/>		M	

(II) Award /Main

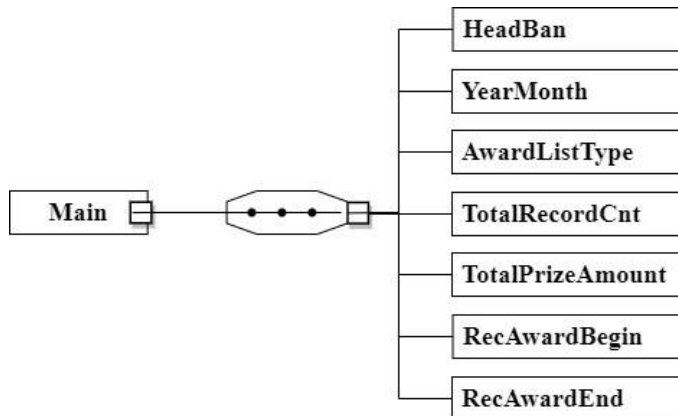


Figure 60: Award/Main message structure

Table 107: Specifications of element “Award/Main”

Element name	XML Schema syntax	Data length	Necessity	Remark
HeadBan	type="BAN"		M	See the specifications of element “BAN” for definition and example



YearMonth	xsd:string xsd:minLength value="5" xsd:maxLength value="5" xsd:pattern value="\d{3}0[2 4 6 8]\d{3} 1[ 0 2]"	5	M	Fill in the double month only, example: 11102(for11101~11102) 11104(for11103~11104) 11106(for11105~11106) 11108(for11107~11108) 11110(for11109~11110) 11112(for11111~11112)
AwardListType	xsd:string	1	M	A: Member Vehicle Y: Printed Paper Z: Batch Remittance X: Member Vehicle Returned to the Home Before the Draw
TotalRecordCnt	xsd:Decimal	7	M	
TotalPrizeAmount	xsd:Decimal	15	M	
RecAwardBegin	xsd:string	7	M	
RecAwardEnd	xsd:string	7	M	

(III) Award/Details

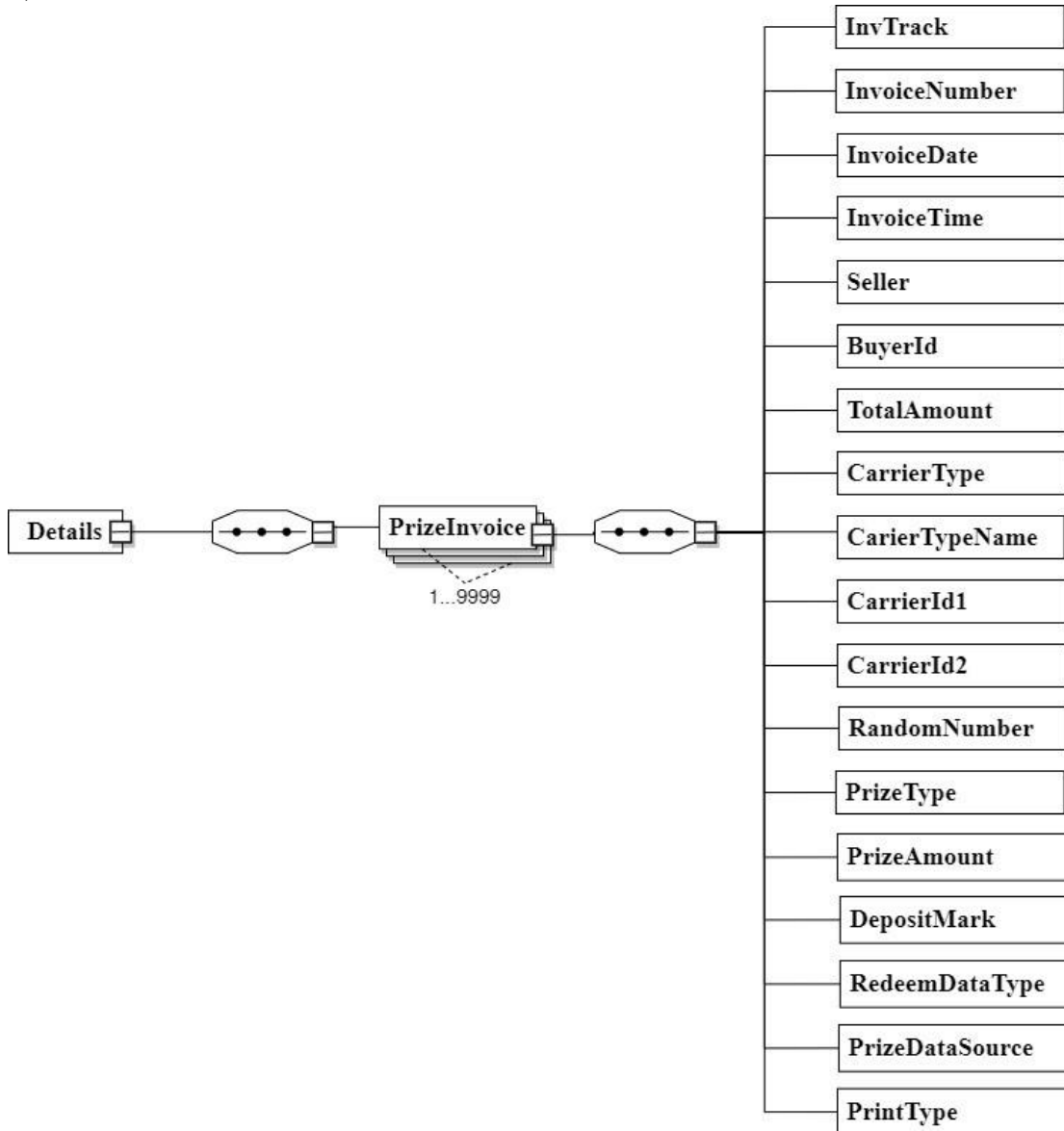


Figure 61: Award/Details message structure

Table 108: Specifications of element “Award/Details”

Element name	XML Schema syntax	Data length	Necessity	Remark
PrizeInvoice	<xsd:element name="PrizeInvoice" maxOccurs="9999">		M	

Table 109: Specifications of element “Award /Details/PrizeInvoice”

Element name	XML Schema syntax	Data length	Necessity	Remark
InvTrack	xsd:string	2	M	
InvoiceNumber	type="InvoiceNumberType"		M	See the specifications of element “InvoiceNumberType” for definition and example

InvoiceDate	type="DateType"		M	See the specifications of element “DateType” for definition and example
InvoiceTime	type="TimeType"		O	See the specifications of element “TimeType” for definition and example
Seller	xsd:group ref="RoleDescriptionType"		M	See the specifications of element “RoleDescriptionType” for definition and example
BuyerId	type="BAN"		M	See the specifications of element “BAN” for definition and example
TotalAmount	xsd:decimal xsd:totalDigits value="20" xsd:fractionDigits value="7"		M	
CarrierType	type="CarrierTypeEnum"		O	
CarrierTypeName	xsd:string	60	O	
CarrierId1	xsd:string xsd:maxLength value="400"	400	O	
CarrierId2	xsd:string xsd:maxLength value="400"	400	O	
RandomNumber	xsd:string	4	M	
PrizeType	xsd:string	1	M	
PrizeAmount	xsd:decimal	10	M	
DepositMark	xsd:string	1	O	Y/N
				A: Member Vehicle B: Non-Member Vehicle C: Utility Member Vehicle Application Winning Bonus

RedeemDataType	xsd:string	1	M	Remittance to the Financial Account Number of the Original Deduction D: Utility Member Vehicle Application KIOSK Printing E: Electronic Payment Institution Application for Designated Account on behalf of the User F: The Winning Bonus is remitted to the original card number of the credit card and debit card carrier X: The donated group Y: Electronic invoice on paper without carriers
PrizeDataSource	xsd:string	2	M	10: deposit 40: B2B exchange
PrintType	xsd:string	2	M	T7: Electronic invoice for general tax calculation T8: Electronic invoice for special tax calculation

## Chapter 26. ProcessResult Message reply form platform

### I. Message function

"ProcessResult" is mainly the processing result file of the platform replying to the invoice uploaded by the operator. This message is described as follows:

### II. Message structure

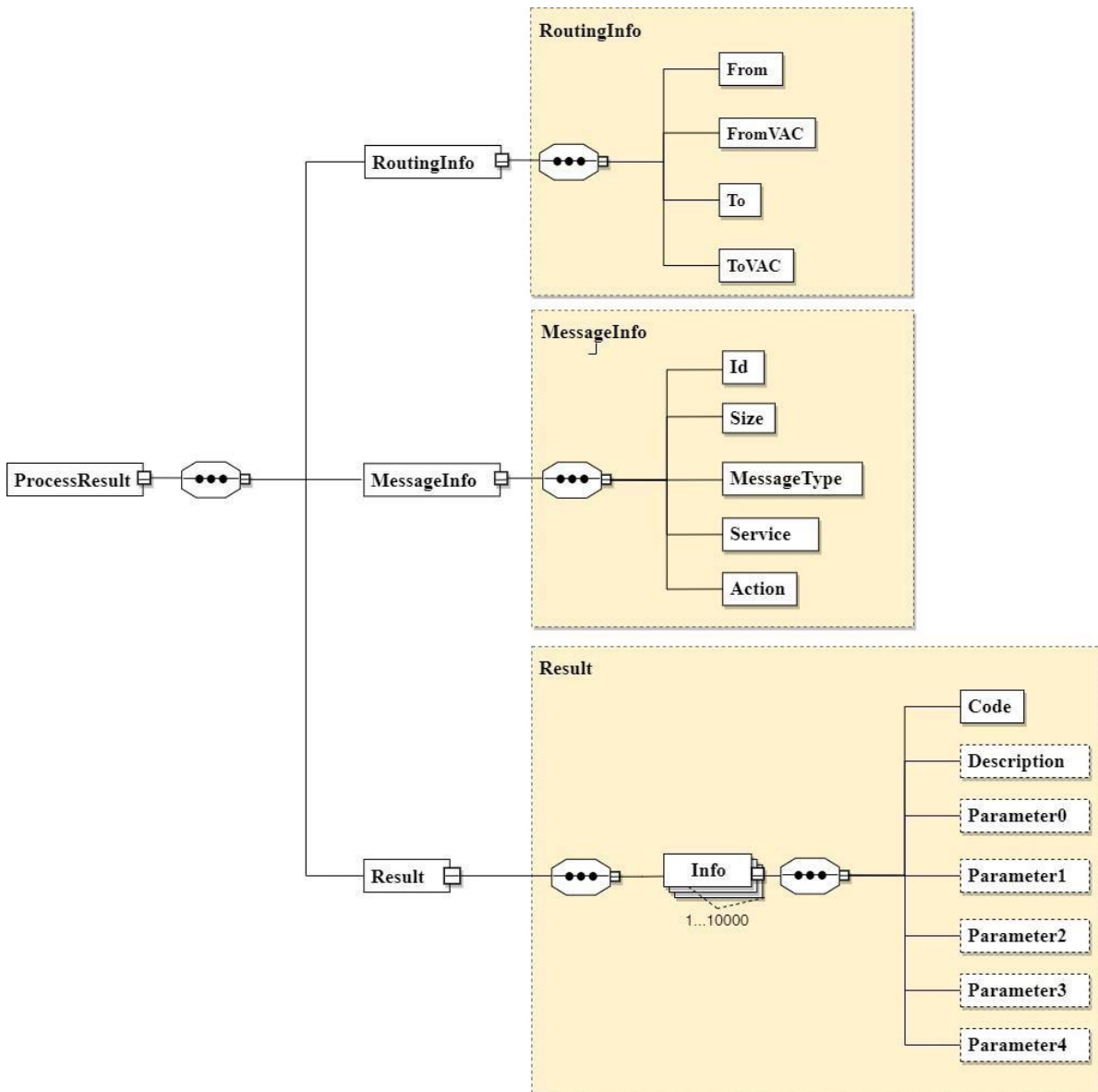


Figure 62:ProcessResult message

structure

III. Message tree

Table 110:ProcessResult message tree

<b>Data Grouping/Header Tag - Does not contain information</b>			
<b>MG Line #</b>	<b>Cardinality</b>	<b>Data Element</b>	<b>Usage Note</b>
1	1	ProcessResult	
2	1	--RoutingInfo	
3	1	--From	
4	1	--FromVAC	
5	1	--To	
6	1	--ToVAC	
7	1	--MessageInfo	
8	1	--Id	
9	1	--Size	
10	1	--MessageType	
11	1	--Service	
12	1	--Action	
13	1	--Result	
14	1..10000	--Info	
15	1	--Code	
16	0..1	--Description	
17	0..1	--Parameter0	
18	0..1	--Parameter1	
19	0..1	--Parameter2	
20	0..1	--Parameter3	
21	0..1	--Parameter4	

IV. Specifications of elements or aggregates

(I) ProcessResult

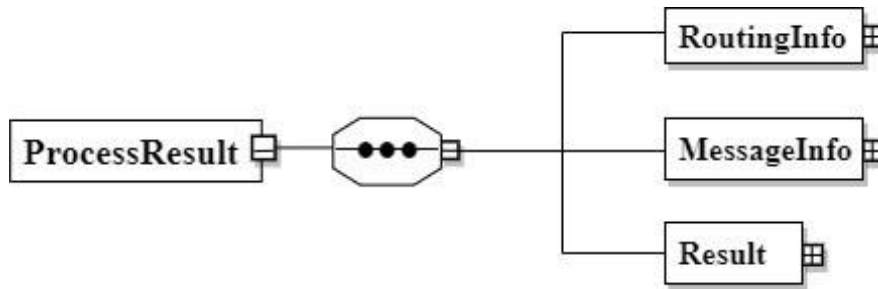


Figure 63:ProcessResult message structure

Table 111:Specifications of element “ProcessResult”

Element name	XML Schema syntax	Data length	Necessity	Remark
RoutingInfo	<xsd:element name="RoutingInfo" />		M	
MessageInfo	<xsd:element name="MessageInfo" type="MessageInfoType"/>		M	
Result	<xsd:element name="Result" type=" Result"/>		M	

(II) ProcessResult /RoutingInfo

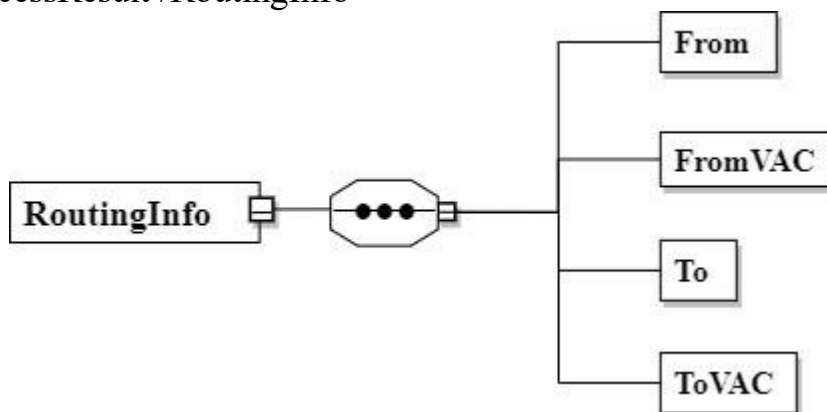


Figure 64:ProcessResult/RoutingInfo message structure

Table 112:Specifications of element “ProcessResult /RoutingInfo”

Element name	XML Schema syntax	Data length	Necessity	Remark
From	type="PartyInfoType"		M	See the specifications of element “ PartyInfoType” for definition and example
FromVAC	type="RoutingInfoType"		M	See the specifications of element “ RoutingInfoType” for definition and example

To	type="PartyInfoType"		M	See the specifications of element “ PartyInfoType” for definition and example
ToVAC	type="RoutingInfoType"		M	See the specifications of element “ RoutingInfoType” for definition and example

(III) ProcessResult/MessageInfo

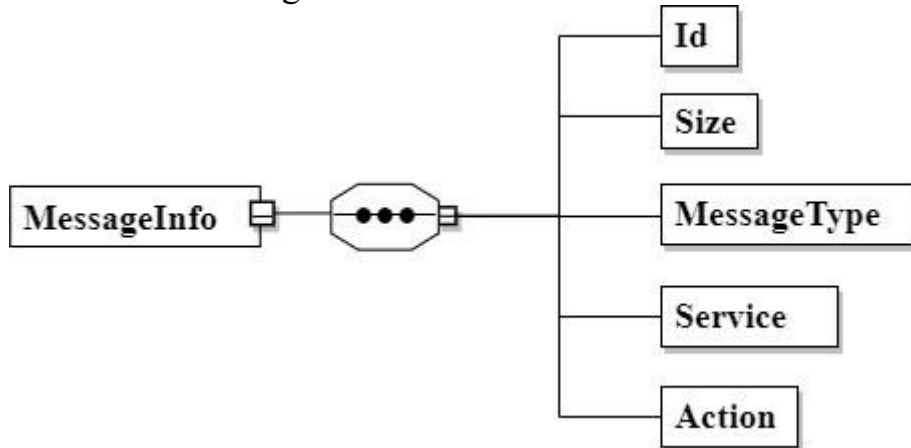


Figure 65:ProcessResult/MessageInfo message structure

Table 113:Specifications of element “ProcessResult/MessageInfo”

Element name	XML Schema syntax	Data length	Necessity	Remark
Id	xsd:string		M	
Size	xsd:string		M	
MessageType	type="MessageTypeEnum"		M	See the specifications of element “ MessageTypeEnum” for definition and example
Service	xsd:string		M	E:exchange S:certification
Action	xsd:string		M	B2B 、 B2C 、 B2S



(IV) ProcessResult/Result

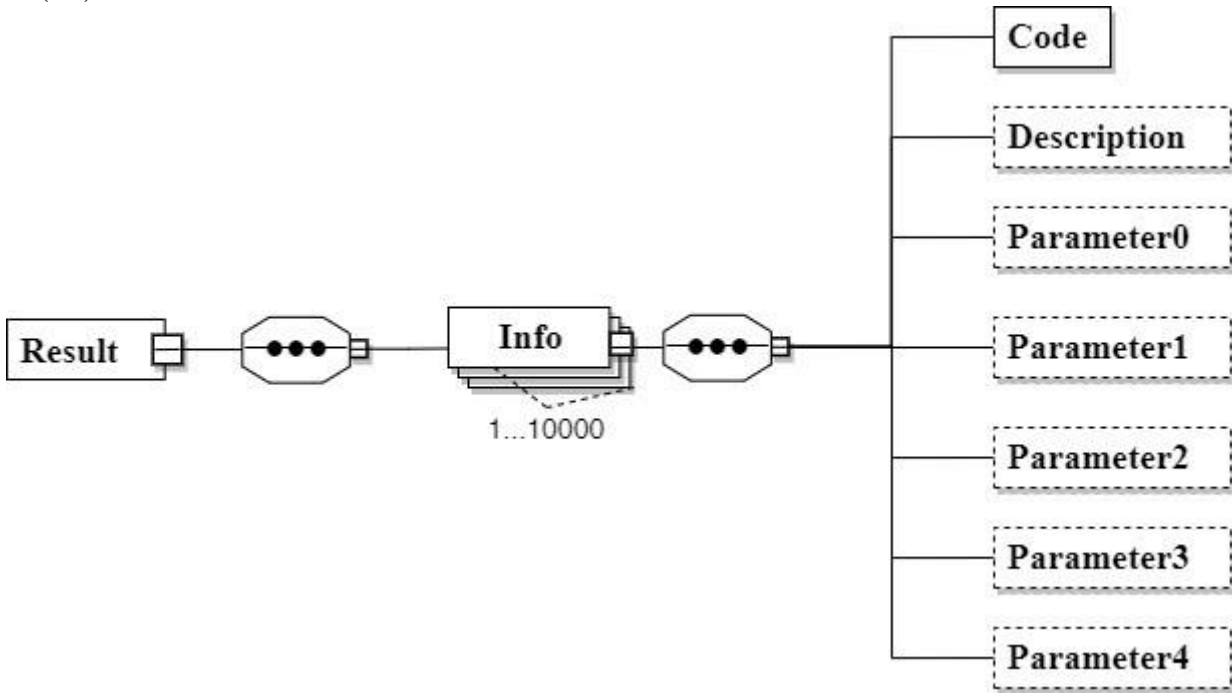


Figure 66:ProcessResult/ Result message structure

Table 114: Specifications of element “ProcessResult/Result”

Element name	XML Schema syntax	Data length	Necessity	Remark
Info	<xsd:element name="Info" minOccurs="1" maxOccurs="10000">		M	

Table 115:Specifications of element “ProcessResult/Result/Info”

Element name	XML Schema syntax	Data length	Necessity	Remark
Code	xsd:string		M	
Description	xsd:string		O	
Parameter0	xsd:string		O	
Parameter1	xsd:string		O	
Parameter2	xsd:string		O	
Parameter3	xsd:string		O	
Parameter4	xsd:string		O	

## Chapter 27. SummaryResult Message reply form platform

### I. Message function

" SummaryResult " It is mainly a summary file uploaded by the operator on the day before the platform reorganizes. This message is described as follows:

### II. Message structure

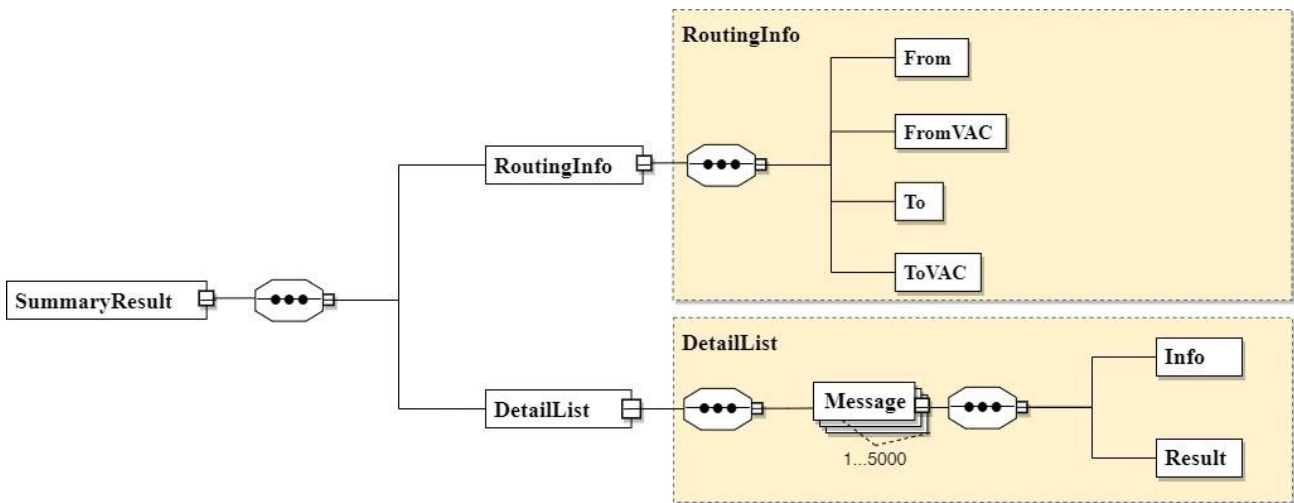


Figure 67:SummaryResult message structure

### III. Message tree

Table 116:SummaryResult message tree

MIG SummaryResult Message reply form platform			
Legend:			
Data Grouping/Header Tag - Does not contain information			
MG Line #	Cardinality	Data Element	Usage Note
1	1	SummaryResult	
2	1	--RoutingInfo	
3	1	--From	
4	1	--FromVAC	
5	1	--To	
6	1	--ToVAC	
7	1	--DetailList	
8	1..5000	--Message	
9	1	--Info	
10	0..1	--ResultType	

IV. Specifications of elements or aggregates

(I) SummaryResult

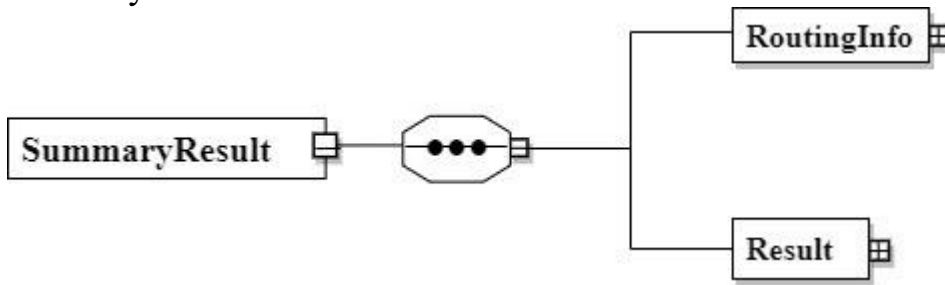


Figure 68:SummaryResult message structure

Table 117:Specifications of element “SummaryResult”

Element name	XML Schema syntax	Data length	Necessity	Remark
RoutingInfo	<xsd:element name="RoutingInfo" />		M	
DetailList	<xsd:element name="DetailList"/>		M	

(II) SummaryResult /RoutingInfo

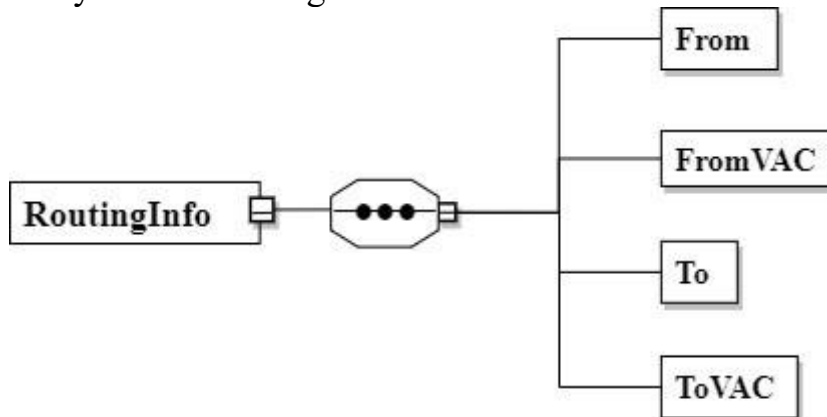


Figure 69:SummaryResult /RoutingInfo message structure

Table 118:Specifications of element “SummaryResult /RoutingInfo”

Element name	XML Schema syntax	Data length	Necessity	Remark
From	type="PartyInfoType"		M	See the specifications of element “ PartyInfoType” for definition and example
FromVAC	type="RoutingInfoType"		M	See the specifications of element “ RoutingInfoType” for definition and example
To	type="PartyInfoType"		M	See the specifications of element “ PartyInfoType” for definition and example

ToVAC	type="RoutingInfoType"		M	See the specifications of element “ RoutingInfoType” for definition and example
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(III) SummaryResult/DetailList

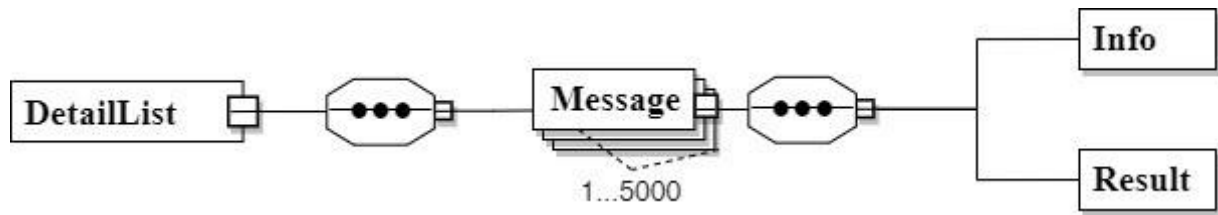


Figure 70:SummaryResult/DetailList message structure

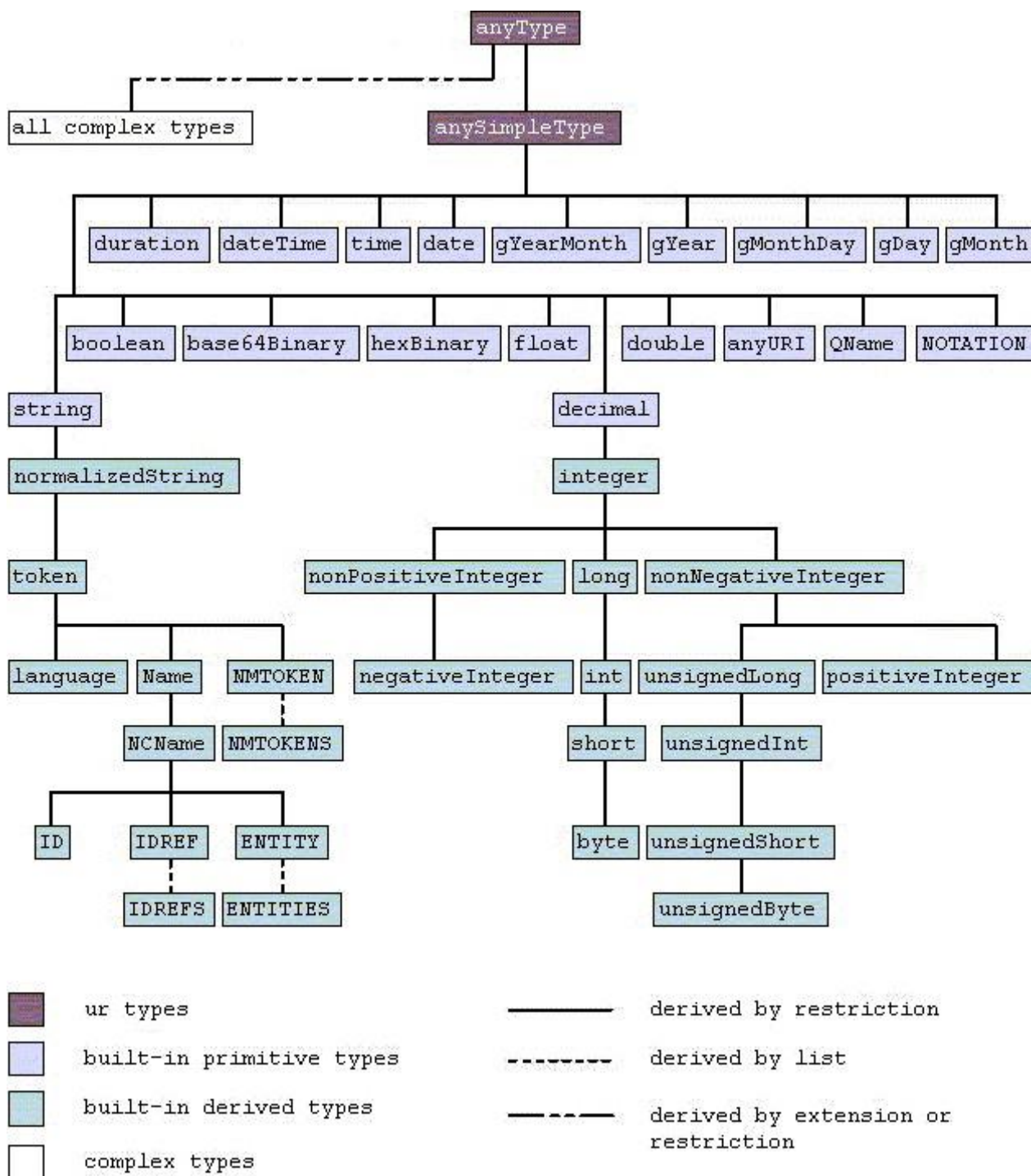
Table 119:Specifications of element “SummaryResult/DetailList”

Element name	XML Schema syntax	Data length	Necessity	Remark
Message	<xsd:element name="Message" minOccurs="1" maxOccurs="5000">		M	

Table 120:Specifications of element “SummaryResult/DetailList/Message”

Element name	XML Schema syntax	Data length	Necessity	Remark
Info	type="InfoType"		M	See the specifications of element “ InfoType” for definition and example
Result	type="ResultType"		M	See the specifications of element “ ResultType” for definition and example

## Appendix A:XML Schema Data Types



Source:<http://www.w3.org/TR/xmlschema-2/>