

# B2B e-commerce Integration Manual

**foodstuffs** NORTH ISLAND

**Foodstuffs**  
South Island

**Foodstuffs** NZ

## 1.1 Version History

<b>Revision</b>	<b>Date</b>	<b>By</b>	<b>Description</b>
1.0	January 2020	Stewart Andrews	First Version
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## 1.3 Executive Summary

This manual provides suppliers with guidance on setting up and operating Business-to-Business (B2B) e-commerce with Foodstuffs via the Foodstuffs eXchange (FSX). It is intended to be read alongside the Web User Manual and assumes familiarity with FSX web-based processes.

This manual outlines key considerations required to successfully operate in a B2B environment, including the Foodstuffs business structure, Disaster Recovery processes, and the handling of non-standard scenarios such as random weight products and foreign currency transactions.

The **Getting Started with B2B e-commerce** section explains why suppliers choose B2B e-commerce and the steps required to establish a successful connection. It introduces the end-to-end B2B process, the documents involved, purchase order lifecycle and status management, as well as product and store translation and email notification setup.

The **B2B e-commerce Setup** section describes the identifiers used on the eXchange, supported file formats, and available transmission methods for B2B transactions.

The **Technical sections** focuses on the development of B2B documents, with particular emphasis on XML document creation and data population guidelines.

Finally, the **XML Rules and Guidelines** section provides a detailed technical reference for the supported XML structures (version 1.60) for each transaction type, including a brief explanation of each element and attribute. Foodstuffs companies have in-house expertise available to assist suppliers with XML development as required.

## 1.4 Why B2B e-commerce?

The goal of e-commerce and the Foodstuffs eXchange is to reduce your costs and our costs of doing business together.

That cost reduction is achieved from:

- a reduction in errors across all documents
- accelerated business processes
- reduced manual keying of data.
- more efficient use of human resources

## 1.5 Terms

The following terms are commonly used by Foodstuffs and throughout this manual:

<b>Term</b>	<b>Definition</b>
ASN	Advance Shipping Note. An electronic document that specifies what and how many products on a given purchase order will be supplied and when delivery will be made.
B2B	Business to Business (electronic file transfer)
DFN	Delivery Forecast Note. Used primarily for daily fresh deliveries.
DR	Disaster Recovery. If our primary servers go down, we can switch over to backup servers in another city.
EAN	European (International) Article Number (barcode / GTIN used to identify products). Not to be confused with the “EAN Prefix” shown on the Foodstuffs eXchange, which is an internal identifier used to reference your vendor account (and is not your GS1-assigned EAN number range).
EDI	Electronic Data Interchange (electronic file transfer between different parties)
Foodstuffs	The Foodstuffs Group of Companies
FSX	The Foodstuffs eXchange
GLN	Global Location Number
GTIN	Global Trade Item Number (can be the same number as the EAN/Barcode on a product)
INV	Invoice (also Credit Note)
MSG	Message file (response to PO)
PO	Purchase Order
SSCC	Serial Shipping Container Code, which is an 18-digit number used to uniquely identify a single shipping unit, such as a pallet or container.
The eXchange	The Foodstuffs eXchange
URL	Uniform Resource Locator
XML	Extensible Mark-up Language

## 1.6 Getting Started with B2B e-commerce

### 1.7 The Foodstuffs Co-operative Structure

Understanding the Foodstuffs co-operative structure is essential to interpreting document file structures. Foodstuffs companies are separate legal entities from one another and from their member stores. Each store operates as an independent trading entity and may belong to only one Foodstuffs co-operative.

Foodstuffs manages the core accounting functions for its stores. As a result, invoices and credits must be issued to the appropriate Foodstuffs company and must clearly include both the Deliver To (store entity) and Bill To (Foodstuffs entity) details, along with the store membership number.

Stores must not receive paper copies of invoices unless the transaction falls outside standard terms of trade. A priced packing slip must accompany all deliveries but must not be capable of being interpreted as a tax invoice, to ensure compliance with IRD requirements.

Although Foodstuffs Distribution Centres are part of their respective co-operatives rather than separate entities, the same Deliver To / Bill To structure is applied for consistency and ease of integration.

- Store = Trading Entity
- Foodstuffs Company = Billing Entity
- Always Deliver To store / Bill to Foodstuffs

### 1.8 Before you Begin

Please familiarize yourself with the Web Users' Manual. It's a handy companion to this document as it describes some of the more general processes such as product translation and customer code translation that you need to know about but aren't specific to B2B enablement.

Getting started on a B2B connection follows these steps

- Confirm eXchange access & request user logins
- Choose format & transmission
- Build documents
- Test
- Go live

The Foodstuffs eXchange can be found at:

<https://portal.foodstuffs-exchange.co.nz>

Read this manual and become familiar with the Foodstuffs B2B process.

## EXCHANGE LOGIN

Most suppliers will already have an eXchange account and an existing login (or logins) assigned. As part of B2B onboarding, confirm who in your organisation currently has access and request additional user logins for any staff who need to view orders, manage notifications, or complete web-based steps during testing and go-live.

If you are a new supplier and do not yet have an eXchange account, or you need an account created for a new trading entity, complete and submit an eXchange Application form (link below).

<https://www.foodstuffs-exchange.co.nz/become-a-supplier/setting-up-your-trading-account/>

## PRICED PACKING SLIP AND CREDIT ADVICE

Provide Priced Packing Slip and Credit Advice documents to Foodstuffs to make sure they meet Foodstuffs and IRD requirements. A Priced Packing Slip is a mandatory requirement for business with Foodstuffs as outlined in the Terms of Trade.

## TRANSMISSION METHOD

Decide on which transmission method you will use. If required, contact Sandfield to set up your transmission method.

## FILE TYPE

Decide on a file type – if you choose XML (recommended) make sure that you receive the latest version of the XML schema from one of the e-commerce Implementers before beginning development.

## TESTING

- **Produce and validate test files.**
- **Test transmission and complete load testing.**
- **Embed process into BAU.**
- **GO LIVE**
- **Go Live for B2B e-commerce with Foodstuffs.**

## 1.9 Introduction to B2B e-commerce

The term B2B refers to documents that are sent to or from the eXchange via one of the available transmission methods (for example SFTP, HTTP, AS2), rather than being created manually on the eXchange website.

Suppliers can operate using Full B2B or Partial B2B (two options).

**FULL B2B:** Purchase Orders (PO), Order Messages (MSG), Advanced Shipping Notices (ASN), and Invoices/Credits (INV) are all received or generated by the supplier's back-office system

**PARTIAL B2B (OPTION 1 PO ONLY):** You receive Purchase Orders (PO) via B2B transmission into your back-office system, but you manage acknowledgements/updates and delivery confirmation in the eXchange website.

**PARTIAL B2B (OPTION 2 PO + MSG + ASN):** You receive Purchase Orders (PO) via B2B transmission, and you send Order Messages (MSG) and Advanced Shipping Notices (ASN) from your back-office system. Invoices and credits (INV) are still created/managed outside of B2B unless you move to Full B2B.

### 1.9.1 The Foodstuffs Order Process

- Foodstuffs will generate a Purchase Order and send it to the eXchange.
- You will receive an email notifying you that a new Purchase Order has been sent to the eXchange.
- You view the Purchase Order and then, in turn, Receive and Acknowledge the Purchase Order.
- You confirm the delivery details of the Purchase Order.
- You invoice Foodstuffs.

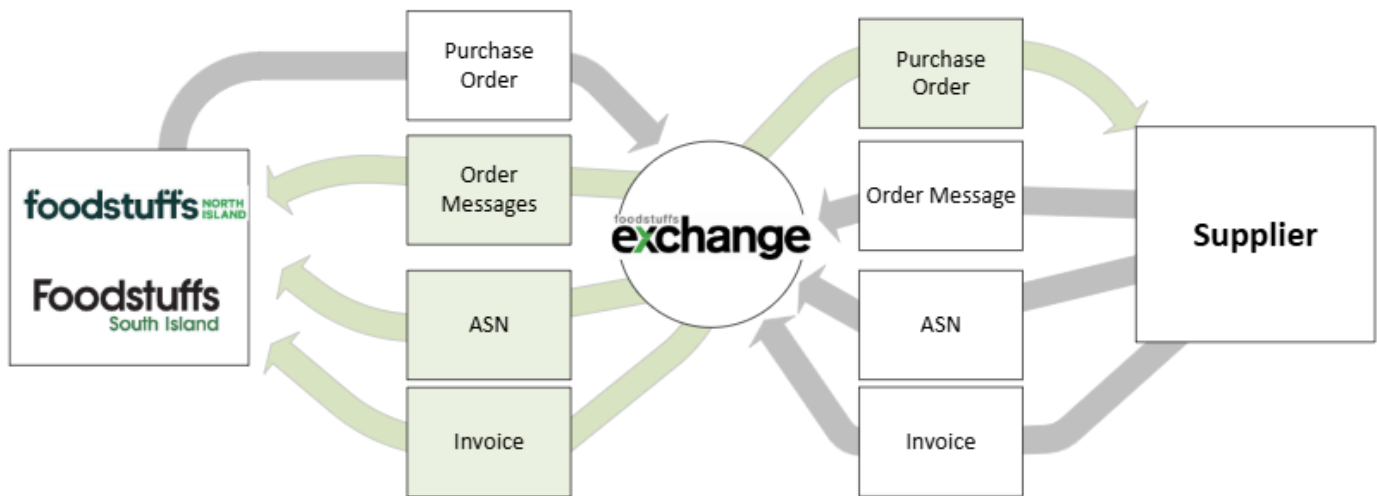
### 1.9.2 For suppliers practicing Just in Time Ordering:

- You send a Delivery Forecast Note to the Foodstuffs eXchange (currently this is only supported by FSSI).
- You invoice Foodstuffs.

### 1.9.3 Document Flow

Foodstuffs use XML documents to send and receive data to and from the eXchange. The following diagram shows the flow of documents between Foodstuffs and suppliers via the eXchange.

**Figure 1, normal order process**



**Figure 2, Just in time process**



Note: Documents highlighted in green have been generated by the Foodstuffs eXchange according to the preferences set up for the recipient.

## 1.9.4 Technical Section

### 1.9.5 Document Types and Guidelines

There are 5 document types that are sent to the eXchange to be processed and then retrieved, outlined in the following table

<b>Document</b>	<b>Description</b>	<b>Requirements</b>
<b>Purchase Order (PO)</b>	<p>Foodstuffs generate a Purchase Order and send it to the eXchange. You can download the Purchase Order from the eXchange as an XML document. If you require the Purchase Order in a format other than XML, please contact Foodstuffs e-commerce.</p> <p>Purchase Orders might originate from Warehouses or Retail stores. Refer to section 4.3 for details.</p>	You are responsible for processing the Purchase Order into your back-office system.
<b>Delivery Forecast Note (DFN)</b>	A DFN is sent by suppliers practicing Just in Time Ordering. No Purchase Order is needed for a DFN at the Foodstuffs eXchange. These suppliers tend to be those for whom Purchase Orders are not raised prior to delivery, e.g. suppliers of bread. Typically, the highly perishable items are delivered at least once per day, and any dated stock is removed by the supplier. Refer to section 4.4 for details.	There must be one DFN per delivery. A delivery docket number must always be supplied. The DFN must be sent at least 2 hours prior to the physical delivery of goods.
<b>Order Message (MSG)</b>	The Order Message file updates the status of the Purchase Order on the eXchange. Refer to section 2.4.3, Purchase Order Status for an explanation of each status. Also refer to section 4.5 for MSG file details.	A Purchase Order should be Acknowledged within two hours. An Order Message must arrive prior to an ASN.
<b>Advance Shipping Notice (ASN)</b>	An ASN is an electronic packing slip or delivery docket. An ASN is sent to Foodstuffs' inwards goods to confirm the delivery details so that they know what to expect when the goods arrive. Refer to section 4.6 for more details.	<p>Must show exact quantities of what is being delivered.</p> <p><b><i>Must arrive before the goods arrive at the destination.</i></b></p>
<b>Advance Shipping Notice (ASN) With SSCC</b>	<p>When an ASN includes SSCC information, it adds a layer of traceability and efficiency. SSCC is a unique identifier for each logistics unit (e.g., pallet or carton). Including SSCC in the ASN allows Foodstuffs to:</p> <p>Match each pallet or carton to the ASN details for quicker verification.</p> <p>Enable automated scanning and tracking throughout the supply chain.</p> <p>Reduce errors and speed up goods receipt by linking physical units to electronic records.</p>	<p>Foodstuffs Preferred ASN format.</p> <p>Must show exact quantities of what is being delivered.</p> <p>Must Match the labelling on each pallet.</p> <p><b><i>Must arrive before the goods arrive at the destination.</i></b></p>
<b>Invoice (INV)</b>	An Invoice can either be a "Tax Invoice" or a "Credit Note". Credit notes are also INV type files. They must be sent with negative values for delivery quantity, line price and total values. Refer to section 4.8 for more details.	Documents must be in a separate file for each of the Foodstuffs companies (Foodstuffs North and South Island).



## 1.9.6 Purchase Order Status.

Order Messages are used to update the Status of a Purchase Order. The Table below outlines the possible status of a Purchase Order and how the Purchase Order Status can be updated either through B2B methods or through using the eXchange Web site.

Status	Description	B2B Method (FULL B2B)	Web Method (PARTIAL B2B)
<b>Received</b>	You have received the Purchase Order.	You send an XML MSG from your back-office system to the eXchange with a status of "Received".	You log into the eXchange, view the Purchase Order, and then click the "Received" button.
<b>Acknowledged</b>	You have viewed the Purchase Order, agree with the terms & conditions and have checked the validity of pricing, products and units of measure. An acknowledgement signals intention to supply one or more products in the PO at the listed price.	You send an XML MSG from your back-office system to the eXchange with a status of "Acknowledged".	You log into the eXchange, view the Purchase Order, and then click the "Acknowledge" button.
<b>Confirmed</b>	<p>You have confirmed the delivery details of the Purchase Order.</p> <p>When the Purchase Order status is "Confirmed" the order is closed and will be archived overnight.</p> <p>Note: There is no MSG document when the Purchase Order has a status of "Confirmed" as the ASN updates the status.</p> <p>Full supply of all products is not required to confirm an order.</p>	You send an XML ASN from your back-office system to the eXchange containing details of all the products supplied on the purchase order thus confirming the delivery details.	You log into the eXchange, view the Purchase Order, and then click the "Confirm Delivery" button. The eXchange then automatically generates an ASN.
<b>Split</b>	<p>Your supply exceeds a full truck &amp; trailer load and is split into subsequent truck deliveries. The first ASN(s) will have ORDER_COMPLETE = "false"</p> <p>The final ASN is required to complete the order using ORDER_COMPLETE = "True". ASNs must be sent in sequence.</p>	You send an XML ASN from your back-office system to the eXchange containing details of the products supplied on the purchase order with an "Order Complete" status of "False" which will then update the order to "Split" status.	You log into the eXchange, view the Purchase Order, and then click the "Confirm Delivery" button. If goods are under supplied the eXchange will then prompt, you to split the ASN. This is not recommended for Foodstuffs South Island Orders.
<b>Rejected</b>	You have rejected the Purchase Order. When the Purchase Order status is "Rejected" the order is closed and will be archived overnight. Foodstuffs will then either delete the order or resend the order with changes.	You send an XML MSG from your back-office system(s) to the eXchange with a status of "Rejected".	You log into the eXchange, view the Purchase Order, and then click the "Reject" button.

## 1.9.7 Paper Documentation During Testing

We will require documentation throughout the testing process to ensure that the electronic data is consistent and accurate compared with what would normally be sent on paper. The most common method to send us the paper documentation is either in a PDF format sent as an email attachment, or via the post.

Document	Description	Requirements
<b>Tax Invoice</b>	<p>The paper document that would normally be sent to our invoice processing teams.</p> <p>Please note that during testing a copy will be sent to the e-commerce Implementer and our Invoice Processing Centre to continue processing for payment until confirmation is achieved to go live for electronic invoices.</p>	This document must mirror the electronic copy that will be sent through the eXchange.
<b>Packing Slip</b>  	<p><i>It is required that we review this document prior to testing to ensure that it is not a tax document and that it aligns with the electronic invoice. Once we go live with electronic invoices this will be sent with the goods to the store. This will also form part of the store's pricing records.</i></p>	<p>Suppliers Trading name and address. Quantity and description of goods delivered. Date of delivery.</p> <p>Unique docket number. Name of retailer.</p> <p>Docket to be priced, extended and totalled. <b>MUST NOT BE A TAX INVOICE.</b></p>
<b>Credit Note</b>	<p>The paper document that would normally be requested by our stores or warehouses.</p> <p>Please note that during testing a copy will be sent to the e-commerce Implementer and our Invoice Processing Centre to continue processing for payment until confirmation is achieved to go live for electronic invoices.</p>	This document must mirror the electronic copy that will be sent through the eXchange.
<b>Credit Advice / memo.</b>  	<p>This document is like the priced packing slip in that it is not a tax document, it aligns with the electronic credit, and it contains negative values.</p> <p><i>electronic credits are sent to the store for each credit issued. This forms part of the store's GST records. These are often generated in store by the merchandiser, driver or rep when signing off goods for credit.</i></p>	<p>Suppliers Trading name and address. Quantity and description of goods returned. Date of delivery.</p> <p>Unique docket number. Name of retailer.</p> <p>Docket to be priced, extended and totalled.</p> <p>Reference to credit request or RPO number <b>MUST NOT BE A TAX CREDIT NOTE.</b></p>
<b>SSCC Label</b>	<p>The Label applied to a Pallet on delivery, uniquely identifies logistical units for tracking and identification</p> <p>Linked to the ASN for faster goods receipting</p> <p>This is required if providing SSCC information as part of ASN documents</p>	This document must mirror the electronic Copy that will be sent through the exchange

NB. Priced Packing Slips **MUST NOT** contain the phrase "Tax Invoice" or have your GST number anywhere on them. If both are present, the document can be legally construed as a tax invoice, according to the legal opinion that we have obtained from Inland Revenue. To avoid any confusion, please ensure that neither is present.

If your Packing Slip references the "Tax Invoice Number", we recommend using the terms "Reference Number" or "Invoice Number" instead. Credit memos must similarly avoid using the term "Credit Note" and must not have your GST number on them either.

## 1.10 Foodstuffs eXchange Features

### 1.10.1 Store and Product Translation

The eXchange provides Store and Product Code translation, enabling you to see your own codes for stores and products on Purchase Orders and use your own codes for stores and products on Invoices and ASNs.

Store codes are manually entered by you as Foodstuffs are agnostic to your customer references. Enter them in the Company admin | Store membership page.

Product translation occurs automatically and is taken from your product data at the moment that it is entered or updated. You can specify what type of output is populated in the orders that you receive. This can be set differently by Foodstuffs region if that is your preference. The translated product reference is populated to the SUPPLIER\_PRODUCT tag in the outputxml.

### 1.10.2 Email Notification of Purchase Orders

When Foodstuffs sends an order to the eXchange, you are sent an email notification. An associated e-mail address must be entered into your company details section on the eXchange. Two additional email addresses may also be added. It is your responsibility to manage these email addresses, via the FSX Trading Partners functions.

Foodstuffs recommend that you use a generic email address for email notifications, such as:

[orders@supplier.co.nz](mailto:orders@supplier.co.nz)

You should monitor the notifications for any failure notifications and take appropriate action.

### 1.10.3 Email Notification of Errors

Errors are generated automatically if a file sent B2B to the Foodstuffs eXchange fails any of the validation rules for that document type.

You can configure the email address for these errors in the Company admin | Details section of the Foodstuffs eXchange. You may type multiple email addresses here separated by semi-colons.

This email applies to all files that you send to the Foodstuffs eXchange, regardless of which Foodstuffs Company is to receive the file.

**NB:** Purchase order notification emails are addressed separately, as detailed in section 2.5.2 above, and can be customised for each FS company with whom you are trading. Please see the Web User Manual for further details.

## 1.11 E-commerce Setup

### 1.12 B2B identifiers

#### 1.12.1 EAN Prefix

The EAN Prefix, or simply EAN (eXchange account number), is a unique identifier for a supplier or distributor company on the eXchange. A company's EAN Prefix is assigned by Foodstuffs when a supplier is first setup with a vendor account with Foodstuffs. This should not be confused with a GS1 EAN prefix provided by GS1, which relates to the number range of barcodes allocated to your organisation.

#### 1.12.2 GLN – Global Location Number

The eXchange supports the use of GLN codes as an alias for identification within B2B documents. The eXchange can translate the EAN Prefix to the GLN and vice versa for outgoing and incoming documents. A GLN code may be obtained from GS1. New Zealand companies have been issued with New Zealand Business Numbers (NZBNs) which are also GLNs. You may elect to use this as your identifier.

<b>Foodstuffs Company</b>	<b>Foodstuffs Name in XML schema</b>	<b>EAN Prefix</b>	<b>GLN Code</b>
Foodstuffs North Island	Foodstuffs North Island AUUCK Ltd	123	9429000046145
Foodstuffs South Island	Foodstuffs South Island Ltd	789	9429000008990
Gilmours Toops and Trents	GTT National Ltd	999	No GLN

#### 1.12.3 B2B File Formats

The eXchange supports the following file formats for new B2B connections:

- XML 160 Foodstuffs Document for all currently supported functions
- Peppol Through Xero for FSNI only

In addition to the formats listed above, Sandfield may develop new formats at your request and on agreement by Foodstuffs. However, any additional formats developed will be at your cost. Sandfield will provide a quotation for any such work required.

When choosing a file format, you will need to find out what your current system can output. The eXchange can process all the formats listed above (and a few more legacy formats); Foodstuffs strongly encourage suppliers to use XML.

## 1.12.4 XML – Extensible Mark-up Language

XML is the main file format used by Foodstuffs to communicate with the eXchange. This manual outlines in depth how the XML files are to be developed – Refer to Section 4.4 XML File Guidelines.

A set of schemas have been developed by Foodstuffs that define the different B2B documents and how the data needs to be structured. A set of sample XML files are also available; these files contain the minimum requirements for each document type. Contact one of the e-commerce Implementers for a copy of the schema and sample files.

## 1.12.5 Peppol E Invoicing

Peppol E-invoicing is a global e-invoicing framework that uses a secure network to allow businesses to electronically exchange procurement documents, like invoices.

Foodstuffs accept Peppol through XERO – Currently supported through FSNI systems.

## 1.12.6 Transmission Methods

The eXchange supports the following transmission methods for new B2B e-commerce connections:

- Secure File Transfer Protocol (SFTP + FTPS)
- Hypertext Text Transfer Protocol (HTTP and HTTPS or S-HTTP)
- Applicability Statement 2 (AS2)

For all transmission methods, the file size should not exceed 3MB in size for any one file transmitted.

Our technology partner, Sandfield, may develop a new transmission method at your request. Any additional methods developed will be at your cost. Sandfield will provide a quotation for any work required.

## 1.12.7 SFTP – Secure File Transfer Protocol

SFTP is a secure method for transferring files over the Internet. Unlike traditional FTP, which sends data in plain text, SFTP encrypts both commands and data, providing confidentiality and integrity during transmission.

SFTP is the preferred protocol for modern B2B integrations because it meets compliance and security standards while maintaining automation capabilities.

The eXchange FTP server is located at:

[transfer.foodstuffs-eXchange.co.nz/](https://transfer.foodstuffs-eXchange.co.nz/)

## 1.12.8 HTTP – Hypertext Transfer Protocol

This method is like FTP, in that Documents sent and received via these delivery methods are dropped off to and picked up from sites on the eXchange server or your website. The difference with HTTPS is the added security of using SSL certs to encrypt data. For this method (HTTPS) exchanging SSL cert and credentials will be required.

Using HTTP, messages can be:

- Pushed to the eXchange via an HTTP POST in the 'request' section e.g. a Supplier ASN is sent to the eXchange.
- Pulled from the eXchange via a HTTP POST and received in the 'response' section e.g. a Supplier picks up a PO that is resident on the eXchange.
- Pushed from the eXchange via an HTTP POST e.g. a PO is sent from the eXchange to a Supplier.

Note: The eXchange does not ever 'poll' (i.e. pull) from a remote site.

The eXchange HTTP Receivers (upload.aspx and download.aspx) will recognise the two common types of HTTP form-encoding. These are specified in the HTTP header name/value pair called "Content-Type".

The content-type header is present on every HTTP connection and describes how the "body" of the HTTP message is to be decoded. The eXchange's HTTP Sender is likewise configurable to send HTTP POSTs in either format.

*The two form encoding content types supported are.*

"application/x-www-form-urlencoded"

"multipart/form-data"

*Pushing and pulling URLs*

Pushing to the eXchange:

<https://www.foodstuffs-eXchange.co.nz/http/upload.aspx> Pulling from

the eXchange:

<https://www.foodstuffs-eXchange.co.nz/http/download.aspx> Pushing

from the eXchange:

HTTP posts sent to the eXchange using the above URLs do not require credentials to be passed as part of the HTTP session establishment. Instead, the credentials to identify the sender are sent as part of the HTTP message as HTML form "name/value" pairs.

## 1.12.9 AS2 – Applicability Statement 2

AS2 is a widely adopted protocol for securely exchanging business data over the Internet. It is based on HTTP/HTTPS and uses encryption and digital signatures to ensure confidentiality, integrity, and authentication of messages.

### COMPLIANCE

Most trading partners use commercial AS2 certified products to connect to the eXchange. As such, the process of connecting tends to revolve around firewall setup initially. Custom TCP/IP ports are often used which tend to mean extensive testing of the network layer in order that connectivity is assured on the specified ports.

Once this has been achieved, certificates are exchanged and test payloads (normally a simple text file) are sent back and forth. This further verifies that the network layer is performing as it should and allows the verification of certificate function (both encryption and decryption).

## 1.13 XML Rules and Guidelines

### 1.14 XML Filename Conventions

The following naming conventions are used for XML documents. Files generated from the eXchange include a 40-character UUID immediately prior to the file extension.

#### 1.14.1 From the eXchange

`PO_987654_EANPRF_123456_UUID_.xml`

`MSG_123456_ddmmyyyyhhmmss_UUID_.xml`

**PO** and **MSG** represent purchase order and order message respectively.

#### **Where:**

**987654** represents the Foodstuffs Purchase Order number.

**EANPRF** represents the EAN of the originating Foodstuffs Company. E.g. 789 for Foodstuffs South Island Ltd.

**ddmmyyyyhhmmss** represents a timestamp.

**123456** represents the originating Purchase Order Customer Store or Warehouse Code.

## 1.14.2 To the eXchange

Any document going to the eXchange will be interpreted based on the following appropriate leading characters and providing that the document is of type .xml

- PO\_ Purchase Order - sent by Foodstuffs Companies only.
- DFN\_ Delivery Forecast Note
- MSG\_ Message
- ASN\_ Advanced Shipping Notice
- INV\_ Invoice (also used for Credit notes)

If you are sending multiple documents at the same time, it is important that the filenames are different. Sending two files with the same filename will result in the second file overwriting the first.

## 1.14.3 Test Documents

Documents may be sent through a test channel on the live eXchange between Foodstuffs and a supplier. In this case, the eXchange will mark test documents to include \_TEST\_ in the filename immediately before the 40-character UUID.

For documents that you might send to the eXchange, the document-mode attribute in the root tag.

must be set to “Test”.

## 1.15 XML Concepts, Tips and Tricks

### 1.15.1 Identifying the Unit of Measure Ordered

Please note that product barcodes are used only to identify the base product. They DO NOT correlate with the unit of measure being ordered.

For example, a product might be identified by the retail unit barcode but ordered by carton. The ordered unit is identified in the UNIT\_OF\_MEASURE and PRICE\_UNIT\_OF\_MEASURE elements.

#### Example

<code>&lt;ORDER_LINE&gt;</code>	
<code>&lt;CUSTOMER_PRODUCT&gt;3121111&lt;/CUSTOMER_PRODUCT&gt;</code>	Foodstuffs article number
<code>&lt;SUPPLIER_PRODUCT&gt;1999999999991&lt;/SUPPLIER_PRODUCT&gt;</code>	Translated to shipper barcode.
<code>&lt;PRODUCT_ID&gt;999999999994-12&lt;/PRODUCT_ID&gt;</code>	Identifier for the FSX
<code>&lt;CUSTOMER_SEQUENCE&gt;1&lt;/CUSTOMER_SEQUENCE&gt;</code>	
<code>&lt;PRODUCT_DESC&gt;A product line&lt;/PRODUCT_DESC&gt;</code>	
<code>&lt;QTY_ORDERED&gt;2&lt;/QTY_ORDERED&gt;</code>	
<code>&lt;UNIT_OF_MEASURE uomcode=" Inner"&gt;4&lt;/UNIT_OF_MEASURE&gt;</code>	Inners ordered where Inner = 4 each

## 1.15.2 Invoicing Random Weight Products

Random weight products are often purchased in one unit of measure (e.g. shipper) but are paid for by the kilogram.

The rules applying to e-Invoicing for random weight products are as follows:

- The quantity ordered and the quantity for delivery on an invoice should match the order unit of measure on a purchase order.
  - E.g. A store orders 2 Retail Units of Cheese. The unit of measure on the Invoice will be “Retail Unit” and the pricing unit of measure on the Invoice may be “KG”.
- Since random weight products are paid for by the KG, the pricing unit of measure must be “KG” and the TOTAL\_WEIGHT tag must be included.
- The TOTAL\_WEIGHT may contain a figure greater than that of the QTY\_ORDERED and QTY\_FOR\_DELIVERY.

The buyer will usually either prearrange the quantity desired by telephone or specify it in the SPECIAL\_INSTRUCTIONS tag within the Purchase Order XML.

Note that the price UoM and the order UoM may differ. When invoicing random weight products, if the PRICE\_UNIT\_OF\_MEASURE attribute priceuomcode= “KG” then the LINE\_PRICE is given by:

$\langle \text{LINE\_PRICE} \rangle = \langle \text{TOTAL\_WEIGHT} \rangle * \langle \text{PRICE} \rangle$

Where PRICE is the price per Kg.

### Example XML

```
<INVOICE_LINE>
  <SUPPLIER_PRODUCT>9999</SUPPLIER_PRODUCT>
  <BARCODE_PRODUCT>9999999999994</BARCODE_PRODUCT>
  <PRODUCT_DESC>Random Weight Cheese</PRODUCT_DESC>
  <QTY_ORDERED>2</QTY_ORDERED>
  <UNIT_OF_MEASURE uomcode="Retail Unit">1</UNIT_OF_MEASURE>
  <QTY_FOR_DELIVERY>2</QTY_FOR_DELIVERY>
  <TOTAL_WEIGHT weightcode="KG">2.1650</TOTAL_WEIGHT>
  <PRICING_DETAIL>
    <PRICE>4.8499</PRICE>
    <PRICE_UNIT_OF_MEASURE priceuomcode="KG">1</PRICE_UNIT_OF_MEASURE>
    <LINE_PRICE>10.5000</LINE_PRICE>
  </PRICING_DETAIL>
</INVOICE_LINE>
```

### 1.15.3 Invoicing with Different Currencies

Foodstuffs accept invoices with currencies other than NZD through the eXchange. However, you may only have one currency per invoice.

We will accept the following currencies.

- NZD New Zealand Dollar
- AUD Australian Dollar
- USD US Dollar
- EUR Euro
- GBP Great Britain Pound
- CAD Canadian Dollar
- SAR South African Rand
- INR Indian Rupee

Please check with each Foodstuffs company via their e-commerce Implementers before sending invoices in currencies other than NZD.

#### Example XML

```
<INVOICE_HEADER>
...
  </BILL_TO>
  <CURRENCY>NZD</CURRENCY>
  <PRICE_BEFORE_DISCOUNT>82.57</PRICE_BEFORE_DISCOUNT>
  <TOTAL_DISCOUNT>0</TOTAL_DISCOUNT>
  <PRICE_BEFORE_GST>82.57</PRICE_BEFORE_GST>
  <TOTAL_GST>0</TOTAL_GST>
  <TOTAL_PRICE>82.57</TOTAL_PRICE>
</INVOICE_HEADER>
```

## 1.15.4 Applying Discounts

There are two types of discounts that may be applied in Invoices / Credit Notes.

- Invoice Line level – discounts that apply to the specific product being invoice, e.g. promotional discount.
- Invoice Header level – discounts that apply to a whole invoice, e.g. prompt payment discount.

It is important to note that the Header level discount section is NOT intended to consist of the sum of the line level discounts. You may apply different discounts at both line level and header level.

## 1.16 GST Exempt or Zero-Rated Transactions

Foodstuffs accept invoices from suppliers who are GST Exempt or zero rated. Example XML:

```
<SUPPLIER>
  <COMPANY>
    <NAME>Sample Supplier</NAME>
    <ORG_ID OrgType="EAN_Prefix">9411111</ORG_ID>
    <STREET_ADDRESS>
      <ADDRESS1>111 Somewhere Street</ADDRESS1>
      <ADDRESS2>Somewhereville</ADDRESS2>
      <ADDRESS3></ADDRESS3>
    </STREET_ADDRESS>
    <POSTAL_ADDRESS>
      <ADDRESS1>Private Bag</ADDRESS1>
      <ADDRESS2>Somewhereville</ADDRESS2>
      <ADDRESS3></ADDRESS3>
    </POSTAL_ADDRESS>
    <PHONE/>
    <FAX/>
  </COMPANY>
  <SUPPLIER_INTERNAL_CODE/>
  <FOODSTUFFS_SUPPLIER_CODE/>
  <GST_NUMBER>13-669-260</GST_NUMBER>
</SUPPLIER>
```

**NB. You MUST NOT mix Exempt/Zero rated items on the same invoice as those that attract GST. Please check with each Foodstuffs company via their e-commerce Implementers before sending zero-rated or exempt invoices.**

## 1.17 ASN with SSCC Information

The ASN 160 caters for SSCC information in the SHIPPING\_CONTAINER\_DETAIL section of the XML.

It provides for the identification of individual pallets and their contents and attributes like batch numbers and expiry dates.

For DC deliveries each product batch should be its own pallet

```
<SHIPPING_CONTAINER_DETAIL>
  <SSCC_REFERENCE>394005470039014371</SSCC_REFERENCE>
  <ASSET_TYPE_MAIN>CHEP</ASSET_TYPE_MAIN>
  <QTY_FOR_DELIVERY>60</QTY_FOR_DELIVERY>
  <BATCH_NUMBER>A257100000</BATCH_NUMBER>
  <CONTAINER_WEIGHT weightcode="KG">100</CONTAINER_WEIGHT>
  <EXPIRY_DATE>2019-09-08</EXPIRY_DATE>
  <PACKED_ON>2019-09-08</PACKED_ON>
  <WEIGHT_DETAIL/>
</SHIPPING_CONTAINER_DETAIL>
```

## SSCC for Random Weight

There is a second optional section that is only needed for Random Weight Product, where the individual weight of each carton must be provided.

```
<SHIPPING_CONTAINER_DETAIL>
  <SSCC_REFERENCE>394005470039014371</SSCC_REFERENCE>
    <ASSET_TYPE_MAIN>CHEP</ASSET_TYPE_MAIN>
      <QTY_FOR_DELIVERY>60</QTY_FOR_DELIVERY>
      <BATCH_NUMBER>A257100000</BATCH_NUMBER>
    <CONTAINER_WEIGHT weightcode="KG">100</CONTAINER_WEIGHT>
      <EXPIRY_DATE>2019-09-08</EXPIRY_DATE>
    <PACKED_ON>2019-09-08</PACKED_ON>
    <WEIGHT_DETAIL>
      <CARTON_SERIAL_ID>1234 </CARTON_SERIAL_ID>
      <CARTON_WEIGHT>5 </CARTON_WEIGHT>
      <ASSET_TYPE_SECONDARY>RTPK1</ASSET_TYPE_SECONDARY>
    </WEIGHT_DETAIL>
  </SHIPPING_CONTAINER_DETAIL>
```

## 1.18 PO – XML Purchase Order; Rules and Guidelines

XML Tag	M/O	Data Type	Length	Definition	Example
<PURCHASE_ORDER_160>	M			Opening tag for Purchase Order	<b>&lt;PURCHASE_ORDER_160 partner="FOODSTUFFS" transaction="PURCHASEORDER" version="1.60" timestamp="2020-04-02T16:45:00" document_mode="Live"&gt;</b>
<b>Attribute: partner</b>	M	String	Fixed	Partner will always be "FOODSTUFFS"	
<b>Attribute: transaction</b>	M	String	Fixed	Transaction will always be "PURCHASEORDER"	
<b>Attribute: version</b>	M	Decimal	Fixed	Version will always be "1.60"	
<b>Attribute: timestamp</b>	M	Date Time	Fixed	Timestamp of the PO Creation  Note: must be in yyyy-mm-ddThh:mm:ss format	
<b>Attribute: document_mode</b>	M	String	Fixed	Live or Test	
<CARBON_COPY>	O	String	50	Optional CARBON_COPY	<CARBON_COPY>Optional</CARBON_COPY>
<CUSTOMER>	M			Opening tag for Customer details	<b>&lt;CUSTOMER&gt;</b>
<COMPANY>	M			Opening tag for Company details	<b>&lt;COMPANY&gt;</b>

XML Tag	M/O	Data Type	Length	Definition	Example
<NAME>	M	String	35	The Foodstuffs Store or Warehouse name.	<NAME>Papanui Distribution Centre</NAME>
<ORG_ID>	M	Integer String	9,13 30	Foodstuffs Company ID relating to the FS company of which the customer is a member.	<ORG_ID OrgType="EAN_Prefix">789</ORG_ID> or <ORG_ID OrgType="GLN_Code">9429000008990</ORG_ID>
Attribute: OrgType	M	String	20	Can be "EAN_Prefix", "GLN" or a custom alias. (Default is EAN_Prefix) If you intend using GLN, please use it consistently to identify Foodstuffs, Supplier and Distributor (if required.)	
<STREET_ADDRESS>	M			Opening tag for Company street address details	<STREET_ADDRESS>
<ADDRESS1>	M	String	35	<b>Street Address line 1</b> <b>Must contain the</b>	<ADDRESS1>418 Main North Road</ADDRESS1>

XML Tag	M/O	Data Type	Length	Definition	Example
				<b>street number and street name</b>	
<ADDRESS2>	O	String	35	Street Address line 2	<ADDRESS2>Papanui</ADDRESS2>
<ADDRESS3>	O	String	35	Street Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	String	35	<b>Street Address City</b>	<CITY>Christchurch</CITY>
<STATE>	O	String	35	Street Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	10	Street Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	35	Street Address Country	<COUNTRY>Optional Data</COUNTRY>
</STREET_ADDRESS>	M			Closing tag for Company street address details	</STREET_ADDRESS>
<POSTAL_ADDRESS>	M			Opening tag for Company postal address details	<POSTAL_ADDRESS>
<ADDRESS1>	M	String	35	<b>Postal Address line 1</b>	<ADDRESS1>Private Bag 4705</ADDRESS1>
<ADDRESS2>	O	String	35	Postal Address line 2	<ADDRESS2>Optional Data</ADDRESS2>

XML Tag	M/O	Data Type	Length	Definition	Example
<ADDRESS3>	O	String	35	Postal Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	String	35	Postal Address City	<CITY>Christchurch</CITY>
<STATE>	O	String	35	Postal Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	10	Postal Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	35	Postal Address Country	<COUNTRY>Optional Data</COUNTRY>
</POSTAL_ADDRESS>	M			Closing tag for Company postal address details	</POSTAL_ADDRESS>
<PHONE>	O	String	20	Company Phone Number	<PHONE>Optional Data</PHONE>
<FAX>	O	String	20	Company Fax Number	<FAX>Optional Data</FAX>
<CONTACT_PERSON>	O	String	100	Contact Person - Buyer or Supplier	<CONTACT_PERSON>Optional Data</CONTACT_PERSON>
<EMAIL>	O	String	100	Contact person's Email Address	<EMAIL>Optional Data</EMAIL>
</COMPANY>	M			Closing tag for Company details	</COMPANY>

XML Tag	M/O	Data Type	Length	Definition	Example
<SUPPLIER_STORE_CODE>	O	String	50	Supplier Reference for the Foodstuffs Warehouse or Store	<SUPPLIER_STORE_CODE>Optional Data</SUPPLIER_STORE_CODE>
<STORE_OWNER_CODE>	M	Digit	6	Foodstuffs Store Membership No or Warehouse No	<STORE_OWNER_CODE>111</STORE_OWNER_CODE>
</CUSTOMER>	M			Closing tag for Customer details	</CUSTOMER>
<SUPPLIER>	M			Opening tag for Supplier details	<SUPPLIER>
<COMPANY>	M			Opening tag for Supplier Company details	<COMPANY>
<NAME>	M	String	35	Trading name of supplier	<NAME>Supplier Name</NAME>
<ORG_ID>	M	Integer String	9,13 30	Numerical identifier for the entity. Either eXchange account number or GLN if GLN alias is defined	<ORG_ID OrgType="EAN_Prefix">789</ORG_ID> or <ORG_ID OrgType="GLN_Code">9429000008990</ORG_ID>
Attribute: OrgType	M	String	20	Can be "EAN_Prefix", "GLN" or a custom alias. (Default is EAN_Prefix) If you	

XML Tag	M/O	Data Type	Length	Definition	Example
				intend using GLN, please use it consistently to identify Foodstuffs, Supplier and Distributor (if required.)	
<STREET_ADDRESS>	M			Opening tag for Company street address details	<STREET_ADDRESS>
<ADDRESS1>	M	String	35	<b>Street Address line 1</b> Must contain the street number and street name	<ADDRESS1>123 Anywhere St</ADDRESS1>
<ADDRESS2>	O	String	35	Street Address line 2	<ADDRESS2>CHRISTCHURCH</ADDRESS2>
<ADDRESS3>	O	String	35	Street Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	String	35	<b>Street Address City</b>	<CITY>Optional Data</CITY>
<STATE>	O	String	35	Street Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	10	Street Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>

XML Tag	M/O	Data Type	Length	Definition	Example
<COUNTRY>	O	String	35	Street Address Country	<COUNTRY>Optional Data</COUNTRY>
</STREET_ADDRESS>	M			Closing tag for Company street address details	</STREET_ADDRESS>
<POSTAL_ADDRESS>	M			Opening tag for Company postal address details	<POSTAL_ADDRESS>
<ADDRESS1>	M	String	35	Postal Address line 1	<ADDRESS1>Private Bag 123</ADDRESS1>
<ADDRESS2>	O	String	35	Postal Address line 2	<ADDRESS2>Christchurch</ADDRESS2>
<ADDRESS3>	O	String	35	Postal Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	String	35	Postal Address City	<CITY>Optional Data</CITY>
<STATE>	O	String	35	Postal Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	10	Postal Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	35	Postal Address Country	<COUNTRY>Optional Data</COUNTRY>
</POSTAL_ADDRESS>	M			Closing tag for Company postal address details	</POSTAL_ADDRESS>

XML Tag	M/O	Data Type	Length	Definition	Example
<PHONE>	O	String	20	Company Phone Number	<PHONE>03 333 4444</PHONE>
<FAX>	O	String	20	Company Fax Number	<FAX>Optional Data</FAX>
<CONTACT_PERSON>	O	String	100	Contact Person - Buyer or Supplier	<CONTACT_PERSON>Optional Data</CONTACT_PERSON>
<EMAIL>	O	String	100	Contact person's Email Address	<EMAIL>Optional Data</EMAIL>
<b>&lt;/COMPANY&gt;</b>	<b>M</b>			Closing tag for Company details	<b>&lt;/COMPANY&gt;</b>
<SUPPLIER_INTERNAL_CODE>	O	String	50	Supplier's reference code for themselves	<SUPPLIER_INTERNAL_CODE>Optional Data</SUPPLIER_INTERNAL_CODE>
<b>&lt;FOODSTUFFS_SUPPLIER_CODE&gt;</b>	<b>M</b>	Digit	10	Foodstuffs reference code for the Supplier	<b>&lt;FOODSTUFFS_SUPPLIER_CODE&gt;1111&lt;/FOODSTUFFS_SUPPLIER_CODE&gt;</b>
<b>&lt;/SUPPLIER&gt;</b>	<b>M</b>			Closing tag for Supplier details	<b>&lt;/SUPPLIER&gt;</b>
<DISTRIBUTOR>	O			Opening tag for Distributor details (if applicable). Only used when a Distributor relationship is configured, otherwise will be omitted.	<DISTRIBUTOR>

XML Tag	M/O	Data Type	Length	Definition	Example
<COMPANY>	M				<COMPANY>
<NAME>	M	String	35	The Foodstuffs Store or Warehouse name / The Supplier or Distributor Name  Note: If the document contains multiple invoices this section should contain the Foodstuffs Company details in the Customer segment.	<NAME>Supplier Name</NAME>
<ORG_ID>	M	Integer String	9,13 30	Numerical identifier for the entity. Either eXchange account number or GLN if GLN alias is defined	<ORG_ID OrgType="EAN_Prefix">1122334</ORG_ID>
Attribute: OrgType	M	String	20	Can be "EAN_Prefix", "GLN_Code" or a custom alias	
<STREET_ADDRESS>	M			Opening tag for Company street address details	<STREET_ADDRESS>

XML Tag	M/O	Data Type	Length	Definition	Example
<ADDRESS1>	M	String	35	Street Address line 1 Must contain the street number and street name	<ADDRESS1>123 Anywhere St</ADDRESS1>
<ADDRESS2>	O	String	35	Street Address line 2	<ADDRESS2>CHRISTCHURCH</ADDRESS2>
<ADDRESS3>	O	String	35	Street Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	String	35	Street Address City	<CITY>Optional Data</CITY>
<STATE>	O	String	35	Street Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	10	Street Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	35	Street Address Country	<COUNTRY>Optional Data</COUNTRY>
</STREET_ADDRESS>	M			Closing tag for Company street address details	</STREET_ADDRESS>
<POSTAL_ADDRESS>	M			Opening tag for Company postal address details	<POSTAL_ADDRESS>
<ADDRESS1>	M	String	35	Postal Address line 1	<ADDRESS1>Private Bag 123</ADDRESS1>

XML Tag	M/O	Data Type	Length	Definition	Example
<ADDRESS2>	O	String	35	Postal Address line 2	<ADDRESS2>Christchurch</ADDRESS2>
<ADDRESS3>	O	String	35	Postal Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	String	35	Postal Address City	<CITY>Optional Data</CITY>
<STATE>	O	String	35	Postal Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	10	Postal Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	35	Postal Address Country	<COUNTRY>Optional Data</COUNTRY>
</POSTAL_ADDRESS>	M			Closing tag for Company postal address details	</POSTAL_ADDRESS>
<PHONE>	O	String	20	Company Phone Number	<PHONE>03 333 4444</PHONE>
<FAX>	O	String	20	Company Fax Number	<FAX>Optional Data</FAX>
<CONTACT_PERSON>	O	String	100	Contact Person - Buyer or Supplier	<CONTACT_PERSON>Optional Data</CONTACT_PERSON>
<EMAIL>	O	String	100	Contact person's Email Address	<EMAIL>Optional Data</EMAIL>

XML Tag	M/O	Data Type	Length	Definition	Example
</COMPANY>	M			Closing tag for Company details	</COMPANY>
</DISTRIBUTOR>	O			<b>Closing tag for Distributor details</b>	<DISTRIBUTOR>
<ORDER_HEADER>	M			Opening tag for Order Header	<ORDER_HEADER>
<ORDER_TYPE>	M	String	50	Order Type Includes Standard, VSH Fill, VSH Consignment, Service, Import (FSNI: short-term: hard-coded to "Standard")	<ORDER_TYPE>Standard</ORDER_TYPE>
<ORDER_NUM>	M	String	12	Order Number	<ORDER_NUM>332200</ORDER_NUM>
<ORDER_DATE>	M	Date Time		Date of the Order  Note: must be in yyyy-mm-ddThh:mm:ss format	<ORDER_DATE>2020-04-20 T16:45:00 </ORDER_DATE>
<PURCHASING_DEPARTMENT>	O	String	20	Applicable Purchasing Department	<PURCHASING_DEPARTMENT>Optional Data<PURCHASING_DEPARTMENT>
<REQUESTED_DELIVER_DATE>	O	Date Time		Requested delivery date	<REQUESTED_DELIVER_DATE>2020-04-25T00:00:00</REQUESTED_DELIVER_DATE>

XML Tag	M/O	Data Type	Length	Definition	Example
				Note: must be in yyyy-mm-ddThh:mm:ss format	
<FOB_DATE>	O	Date Time		Used for Import orders only (FSNI: not supported, will be part of the Import automation project)	<FOB_DATE>2020-04-25T00:00:00</FOB_DATE>
<PORT_OF_ENTRY>	O	String	50	Used for Import orders only (FSNI: not supported, will be part of the Import automation project)	<PORT_OF_ENTRY>Lyttelton, New Zealand</PORT_OF_ENTRY>
<ETA_PORT_DATE>	O	Date Time		Used for Import orders only (FSNI: not supported, will be part of the Import automation project)	<ETA_PORT_DATE>2020-06-25T00:00:00</ETA_PORT_DATE>
<DELIVER_ADDRESS>	M			Opening tag for Delivery Address details	<DELIVER_ADDRESS>
<SITE_NAME>	M	String	35	Delivery site name (Foodstuffs DC or Store name) Customer delivery	<SITE_NAME>Papanui Distribution Centre</SITE_NAME>

XML Tag	M/O	Data Type	Length	Definition	Example
				site name to remove confusion and support off site delivery points. In general, Site Name = Trading name for stores. (FSNI: delivery address determination for on-site/off-site storage)	
<ADDRESS1>	M	String	35	Delivery Address line 1	<ADDRESS1>167 Main North Road</ADDRESS1>
<ADDRESS2>	O	String	35	Delivery Address line 2	<ADDRESS2>Papanui</ADDRESS2>
<ADDRESS3>	O	String	35	Delivery Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	String	35	Delivery Address City	<CITY>Christchurch</CITY>
<STATE>	O	String	35	Delivery Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	10	Delivery Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	35	Delivery Address Country	<COUNTRY>Optional Data</COUNTRY>

XML Tag	M/O	Data Type	Length	Definition	Example
</DELIVER_ADDRESS>	M			Closing tag for Delivery Address details	</DELIVER_ADDRESS>
<BILL_TO>	M			Opening tag for Bill To details. The organisation that will pay the invoice when the order is billed.	<BILL_TO>
<COMPANY>	M			<b>Opening tag for Company Bill To details</b>	<COMPANY>
<NAME>	M	String	35	The Foodstuffs Store or Warehouse name / The Supplier or Distributor Name  Note: If the document contains multiple invoices this section should contain the Foodstuffs Company details in the Customer segment.	<NAME>Papanui Distribution Centre</NAME>
<ORG_ID>	M	Integer String	9,13 30	<b>Numerical identifier for the entity. Either eXchange account</b>	<ORG_ID OrgType="EAN_Prefix">789</ORG_ID> or <ORG_ID OrgType="GLN_Code">9429000008990</ORG_ID>

XML Tag	M/O	Data Type	Length	Definition	Example
				number or GLN if GLN alias is defined	
Attribute: OrgType	M	String	20	Can be “EAN_Prefix”, “GLN” or a custom alias. (Default is EAN_Prefix) If you intend using GLN, please use it consistently to identify Foodstuffs, Supplier and Distributor (if required.)	
<STREET_ADDRESS>	M			Opening tag for Company street address details	<STREET_ADDRESS>
<ADDRESS1>	M	String	35	<b>Street Address line 1</b> Must contain the street number and street name	<ADDRESS1>167 Main North Road</ADDRESS1>
<ADDRESS2>	O	String	35	Street Address line 2	<ADDRESS2>Papanui</ADDRESS2>
<ADDRESS3>	O	String	35	Street Address line 3	<ADDRESS3>Optional Data</ADDRESS3>

XML Tag	M/O	Data Type	Length	Definition	Example
<CITY>	M	String	35	Street Address City	<CITY>Christchurch</CITY>
<STATE>	O	String	35	Street Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	10	Street Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	35	Street Address Country	<COUNTRY>Optional Data</COUNTRY>
</STREET_ADDRESS>	M			Closing tag for Company street address details	</STREET_ADDRESS>
<POSTAL_ADDRESS>	M			Opening tag for Company postal address details	<POSTAL_ADDRESS>
<ADDRESS1>	M	String	35	Postal Address line 1	<ADDRESS1>Private Bag 4705</ADDRESS1>
<ADDRESS2>	O	String	35	Postal Address line 2	<ADDRESS2>Optional Data</ADDRESS2>
<ADDRESS3>	O	String	35	Postal Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	String	35	Postal Address City	<CITY>Christchurch</CITY>
<STATE>	O	String	35	Postal Address State	<STATE>Optional Data</STATE>

XML Tag	M/O	Data Type	Length	Definition	Example
<POSTAL_CODE>	O	String	10	Postal Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	35	Postal Address Country	<COUNTRY>Optional Data</COUNTRY>
</POSTAL_ADDRESS>	M			Closing tag for Company postal address details	</POSTAL_ADDRESS>
<PHONE>	O	String	20	Company Phone Number	<PHONE>Optional Data</PHONE>
<FAX>	O	String	20	Company Fax Number	<FAX>Optional Data</FAX>
<CONTACT_PERSON>	O	String	100	Contact Person - Buyer or Supplier	<CONTACT_PERSON>Optional Data</CONTACT_PERSON>
<EMAIL>	O	String	100	Contact person's Email Address	<EMAIL>Optional Data</EMAIL>
</COMPANY>	M			Closing tag for Company Bill To details	</COMPANY>
</BILL_TO>	O			Closing tag for Bill To details	</BILL_TO>
<CURRENCY>	M	String	3	Currency = NZD Supports NZD, AUD, USD, EUR, GBP, CAD, SAR, etc.	<CURRENCY>NZD</CURRENCY>

XML Tag	M/O	Data Type	Length	Definition	Example
<DISCOUNT_METHOD>	O	String	30	Description of any discounts applied at the order header level	<DISCOUNT_METHOD>Optional Data</DISCOUNT_METHOD>
<DELIVERY_TERMS>	O	String	2	Delivery terms	<DELIVERY_TERMS>Optional Data</DELIVERY_TERMS>
<PART_DELIVERY_PERMITTED>	O	String	2	Part delivery permitted	<PART_DELIVERY_PERMITTED>Optional Data</PART_DELIVERY_PERMITTED>
<SPECIAL_INSTRUCTIONS>	O	String	350	Special instructions from the buyer to the supplier	<SPECIAL_INSTRUCTIONS>Optional Data</SPECIAL_INSTRUCTIONS>
<PRICE_BEFORE_DISCOUNT>	O	Decimal	2dp	Total price of lines before discount  Sum of the lines "LINE_PRICE"	<PRICE_BEFORE_DISCOUNT> <b>105.00</b> </PRICE_BEFORE_DISCOUNT>
<TOTAL_DISCOUNT>	O	Decimal	2dp	The total discount value applied to the invoice at header level  Note: this is expected to be positive for an invoice and negative for a credit	<TOTAL_DISCOUNT> <b>5.00</b> </TOTAL_DISCOUNT>
<PRICE_BEFORE_GST>	O	Decimal	2dp	Sum of the lines "LINE_PRICE"	<PRICE_BEFORE_GST> <b>100.00</b> </PRICE_BEFORE_GST>

XML Tag	M/O	Data Type	Length	Definition	Example
				minus "TOTAL_DISCOUNT"	
<ADDITIONAL_PROPERTIES>	O			Opening tag for additional properties (list of Property elements)	<ADDITIONAL_PROPERTIES>
<PROPERTY>	O			Opening tag for property	<PROPERTY>
<NAME>	M	String	50	The name for the extra info, e.g. could be 'PromoStartDate'. Foodstuffs to provide	<NAME>PromoStartDate</NAME>
<VALUE>	M	String	5000	The value associated to the key, e.g. Could be 2020-07-10 for the PromoStartDate	<VALUE>2020-07-10</VALUE>
</PROPERTY>	O			Closing tag for property	</PROPERTY>
</ADDITIONAL_PROPERTIES>	O	String	50	Closing tag for additional properties	</ADDITIONAL_PROPERTIES>
</ORDER_HEADER>	M			Closing tag for Order Header	</ORDER_HEADER>

XML Tag	M/O	Data Type	Length	Definition	Example
<LINES>	M			Opening tag for Lines	<LINES>
<ORDER_LINE>	M			Opening tag for Order Line	<ORDER_LINE>
<CUSTOMER_PRODUCT>	M	String	13	Foodstuffs internal product number or GS1 13 barcode	<CUSTOMER_PRODUCT>2562548973569</CUSTOMER_PRODUCT>
<SUPPLIER_PRODUCT>	O	String	20	Supplier product number or valid GS1 13 barcode Populated by Product Code Translation on outbound PO	<SUPPLIER_PRODUCT>2562568974568</SUPPLIER_PRODUCT>
<BARCODE_PRODUCT>	O	String	14	Product GS1 14 shipper barcode or if not available the GS1 13 retail unit barcode is required Populated by Product Code Translation on outbound PO	<BARCODE_PRODUCT>12562568974568</BARCODE_PRODUCT>
<PRODUCT_ID>	M	String	30	Retail GTIN-13 Barcode-Carton Qty Required for Product Code Translation	<PRODUCT_ID>1231231231233-3</PRODUCT_ID>

XML Tag	M/O	Data Type	Length	Definition	Example
<CUSTOMER_SEQUENCE>	M	String	5	This is the sequence that Foodstuffs orders the line on the Purchase Order	<CUSTOMER_SEQUENCE>1</CUSTOMER_SEQUENCE>
<SUPPLIER_SEQUENCE>	O	String	6	This is the sequence that the Supplier orders the lines on the Purchase Order	<SUPPLIER_SEQUENCE>Optional Data</SUPPLIER_SEQUENCE>
<PRODUCT_DESC>	M	String	50	Product Description	<PRODUCT_DESC>Product Description</PRODUCT_DESC>
<QTY_ORDERED>	M	Decimal	3dp	Quantity ordered in units specified by the order unit of measure If random weight order Unit of measure must be KG e.g.	<QTY_ORDERED>10</QTY_ORDERED> <QTY_ORDERED>0.400</QTY_ORDERED>
<UNIT_OF_MEASURE>	M	Integer	5	Unit of Measure ordered and delivered. The actual value should be the number of Retail Units in the selected Unit of Measure Random Weight example, KG unit is always 1, Qty ordered will show	<UNIT_OF_MEASURE uomcode="Shipper">6</UNIT_OF_MEASURE> For Random Weight will likely be 1 <UNIT_OF_MEASURE uomcode="KG">1</UNIT_OF_MEASURE>

XML Tag	M/O	Data Type	Length	Definition	Example
				the weight required in KG	
<b>Attribute: uomcode</b>	<b>M</b>	String	Fixed	Must be one of: Retail Unit, Inner, Shipper, Layer, Pallet, or KG	
<b>&lt;QTY_IN_CARTON&gt;</b>	<b>M</b>	Digit	5	Number of Retail Units per carton (shipper)	<b>&lt;QTY_IN_CARTON&gt;6&lt;/QTY_IN_CARTON&gt;</b>
<TISIZE>	O	Digit	2	Number of cartons per pallet tier	<TISIZE>4</TISIZE>
<HISIZE>	O	Digit	2	Number of cartons per pallet height	<HISIZE>2</HISIZE>
<PALLET_QTY>	O	Digit	4	Number of cartons per pallet  Note: this should be Tier x Height	<PALLET_QTY>8</PALLET_QTY>
<RANDOM_WEIGHT_IND>	O	Boolean	true / false	Random weight identifier, supports Random weight ordering (FSNI: business logic tbd to set flag)	<RANDOM_WEIGHT_IND>>false</RANDOM_WEIGHT_IND>
<LINE_COMMENT>	O	String	350	Line comment, used for storing	<LINE_COMMENT>Optional Data</LINE_COMMENT>

XML Tag	M/O	Data Type	Length	Definition	Example
				validation to process with returning ASNs	
<PRICING_DETAIL>	M			Opening tag for Pricing Detail	<PRICING_DETAIL>
<PRICE_BEFORE_DISCOUNT>	O	Decimal	4dp	Price per unit of measure before any discounts	<PRICE_BEFORE_DISCOUNT>10.50</PRICE_BEFORE_DISCOUNT>
<GST>	M			Opening tag for Supplier GST details	<GST>
<GST_DESCRIPTION>	O	String	20	GST Description	<GST_DESCRIPTION>Optional Data</GST_DESCRIPTION>
<GST_RATE>	M	Decimal	2dp	GST Rate	<GST_RATE>15.00</GST_RATE>
</GST>	M			Closing tag for Supplier GST details	</GST>
<PRICE>	M	Decimal	4dp	Price per unit of measure including any discounts	<PRICE>10.00</PRICE>
<PRICE_UNIT_OF_MEASURE>	O	Integer	5	The number of retail units per pricing unit	<PRICE_UNIT_OF_MEASURE priceuomcode="Shipper">6</PRICE_UNIT_OF_MEASURE>
<b>Attribute: priceuomcode</b>	M	String	Fixed	Must be one of: "Retail Unit", "Inner", "Shipper", "Layer", "Pallet", or "KG"	Random Weight example: <PRICE_UNIT_OF_MEASURE priceuomcode="KG">1</PRICE_UNIT_OF_MEASURE>

XML Tag	M/O	Data Type	Length	Definition	Example
<BONUS_STOCK>	O	Boolean	true / false	Bonus Stock  Note: either “true” or “false”. If Bonus_Stock = True then price can be zero	<BONUS_STOCK>true</BONUS_STOCK>
<LINE_PRICE>	M	Decimal	4dp	Extended Line Price  ”QTY_ORDERED” x “PRICE”  For RW where Order UOM is KG, QTY ordered is weight required in KG	<LINE_PRICE>100.00</LINE_PRICE>
</PRICING_DETAIL>	M			Closing tag for Pricing Detail	</PRICING_DETAIL>
<ADDITIONAL_PROPERTIES>	O			Opening tag for additional properties (list of Property elements)	<ADDITIONAL_PROPERTIES>
<PROPERTY>	O			Opening tag for property	<PROPERTY>
<NAME>	M	String	50	The name for the extra info, e.g. could be 'PromoStartDate'.	<NAME>PromoStartDate</NAME>

XML Tag	M/O	Data Type	Length	Definition	Example
				Foodstuffs to provide	
<VALUE>	M	String	5000	The value associated to the key, e.g. Could be 2020-07-10 for the PromoStartDate	<VALUE>2020-07-10</VALUE>
</PROPERTY>	O			Closing tag for property	</PROPERTY>
</ADDITIONAL_PROPERTIES>	O	String	50	Closing tag for additional properties	</ADDITIONAL_PROPERTIES>
</ORDER_LINE>	M			Closing tag for Order Line	</ORDER_LINE>
</LINES>	M			Closing tag for Lines	</LINES>
<CONTROL>	M			Opening tag for Control	<CONTROL>
<LINES_ORDERED>	M	Integer	5	Number of lines in purchase order	<LINES_ORDERED>1</LINES_ORDERED>
<TOTAL_QTY_ORDERED>	M	Decimal	3dp	Sum of all "QTY_ORDERED" in this purchase order	<TOTAL_QTY_ORDERED>1</TOTAL_QTY_ORDERED>
</CONTROL>	M			Closing tag for Control	</CONTROL>

XML Tag	M/O	Data Type	Length	Definition	Example
</PURCHASE_ORDER_160>	M			Closing tag for Purchase Order	</PURCHASE_ORDER_160>

### 1.19 ASN – XML advanced shipping note; rules and guidelines

XML Tag	M/O	Data Type	Length	Definition	Example
<ASN_160>	M			Opening tag for ASN	<b>&lt;ASN_160 partner="FOODSTUFFS" transaction="ASN" version="1.60" timestamp="2020-04-02T16:45:00" document_mode="Live"&gt;</b>
Attribute: partner	M	String	Fixed	Partner will always be "FOODSTUFFS"	
Attribute: transaction	M	String	Fixed	Transaction will always be "ASN"	
Attribute: version	M	Decimal	Fixed	Version will always be "1.60"	
Attribute: timestamp	M	Date Time	Fixed	Timestamp of the ASN Creation Note: must be in yyyy-mm-ddThh:mm:ss format	
Attribute: document_mode	M	String	Fixed	Live or Test	
<CUSTOMER>	M			Opening tag for Customer details	<CUSTOMER>

XML Tag	M/O	Data Type	Length	Definition	Example
<COMPANY>	M			Opening tag for Company details	<COMPANY>
<NAME>	M	String	35	The Foodstuffs Store or Warehouse name / The Supplier or Distributor Name  Note: If the document contains multiple invoices this section should contain the Foodstuffs Company details in the Customer segment.	<NAME>Papanui Distribution Centre</NAME>
<ORG_ID>	M	Integer String	9,13 30	Numerical identifier for the entity. Either eXchange account number or GLN if GLN alias is defined	
Attribute: OrgType	M	String	20	Can be "EAN_Prefix", "GLN" or a custom alias. (Default is EAN_Prefix) If you intend using GLN, please use it consistently to identify Foodstuffs, Supplier and Distributor (if required.)	<ORG_ID OrgType="EAN_Prefix">789</ORG_ID> or <ORG_ID OrgType="GLN_Code">9429000008990</ORG_ID>
<STREET_ADDRESS>	M			Opening tag for Company street address details	<STREET_ADDRESS>

XML Tag	M/O	Data Type	Length	Definition	Example
<ADDRESS1>	M	String	35	<b>Street Address line 1</b> Must contain the street number and street name	<ADDRESS1>167 Main North Road</ADDRESS1>
<ADDRESS2>	O	String	35	Street Address line 2	<ADDRESS2>Papanui</ADDRESS2>
<ADDRESS3>	O	String	35	Street Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	String	35	<b>Street Address City</b>	<CITY>Christchurch</CITY>
<STATE>	O	String	35	Street Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	10	Street Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	35	Street Address Country	<COUNTRY>Optional Data</COUNTRY>
</STREET_ADDRESS>	M			<b>Closing tag for Company street address details</b>	</STREET_ADDRESS>
<POSTAL_ADDRESS>	M			<b>Opening tag for Company postal address details</b>	<POSTAL_ADDRESS>
<ADDRESS1>	M	String	35	<b>Postal Address line 1</b>	<ADDRESS1>Private Bag 4705</ADDRESS1>
<ADDRESS2>	O	String	35	Postal Address line 2	<ADDRESS2>Optional Data</ADDRESS2>
<ADDRESS3>	O	String	35	Postal Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	String	35	<b>Postal Address City</b>	<CITY>Christchurch</CITY>
<STATE>	O	String	35	Postal Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	10	Postal Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	35	Postal Address Country	<COUNTRY>Optional Data</COUNTRY>

XML Tag	M/O	Data Type	Length	Definition	Example
<b>&lt;/POSTAL_ADDRESS&gt;</b>	M			Closing tag for Company postal address details	<b>&lt;/POSTAL_ADDRESS&gt;</b>
<PHONE>	O	String	20	Company Phone Number	<PHONE>Optional Data</PHONE>
<FAX>	O	String	20	Company Fax Number	<FAX>Optional Data</FAX>
<CONTACT_PERSON>	O	String	100	Contact Person - Buyer or Supplier	<CONTACT_PERSON>Optional Data</CONTACT_PERSON>
<EMAIL>	O	String	100	Contact person's Email Address	<EMAIL>Optional Data</EMAIL>
<b>&lt;/COMPANY&gt;</b>	<b>M</b>			<b>Closing tag for Company details</b>	<b>&lt;/COMPANY&gt;</b>
<SUPPLIER_STORE_CODE>	O	String	50	Supplier Reference for the Foodstuffs Warehouse or Store One of SUPPLIER_STORE_CODE or STORE_OWNER_CODE is mandatory	<SUPPLIER_STORE_CODE>Optional Data</SUPPLIER_STORE_CODE>
<b>&lt;STORE_OWNER_CODE&gt;</b>	<b>M</b>	Digit	6	Foodstuffs Store Membership No or Warehouse No One of SUPPLIER_STORE_CODE or STORE_OWNER_CODE is mandatory	<b>&lt;STORE_OWNER_CODE&gt;111&lt;/STORE_OWNER_CODE&gt;</b>
<b>&lt;/CUSTOMER&gt;</b>	<b>M</b>			Closing tag for Customer details	<b>&lt;/CUSTOMER&gt;</b>

XML Tag	M/O	Data Type	Length	Definition	Example
<SUPPLIER>	M			<b>Opening tag for Supplier details</b>	<SUPPLIER>
<COMPANY>	M				<COMPANY>
<NAME>	M	String	35	The Foodstuffs Store or Warehouse name / The Supplier or Distributor Name  Note: If the document contains multiple invoices this section should contain the Foodstuffs Company details in the Customer segment.	<NAME>Supplier Name</NAME>
<ORG_ID>	M	Integer String	9,13 30	<b>Numerical identifier for the entity. Either eXchange account number or GLN if GLN alias is defined</b>	
Attribute: OrgType	M	String	20	Can be "EAN_Prefix", "GLN" or a custom alias. (Default is EAN_Prefix) If you intend using GLN, please use it consistently to identify Foodstuffs, Supplier and Distributor (if required.)	<ORG_ID OrgType="EAN_Prefix">789</ORG_ID> or <ORG_ID OrgType="GLN_Code">9429000008990</ORG_ID>

XML Tag	M/O	Data Type	Length	Definition	Example
<STREET_ADDRESS>	M			Opening tag for Company street address details	<STREET_ADDRESS>
<ADDRESS1>	M	String	35	<b>Street Address line 1</b> <b>Must contain the street number and street name</b>	<ADDRESS1>123 Anywhere St</ADDRESS1>
<ADDRESS2>	O	String	35	Street Address line 2	<ADDRESS2>CHRISTCHURCH</ADDRESS2>
<ADDRESS3>	O	String	35	Street Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	String	35	<b>Street Address City</b>	<CITY>Optional Data</CITY>
<STATE>	O	String	35	Street Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	10	Street Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	35	Street Address Country	<COUNTRY>Optional Data</COUNTRY>
</STREET_ADDRESS>	M			<b>Closing tag for Company street address details</b>	</STREET_ADDRESS>
<POSTAL_ADDRESS>	M			<b>Opening tag for Company postal address details</b>	<POSTAL_ADDRESS>
<ADDRESS1>	M	String	35	<b>Postal Address line 1</b>	<ADDRESS1>Private Bag 123</ADDRESS1>
<ADDRESS2>	O	String	35	Postal Address line 2	<ADDRESS2>Christchurch</ADDRESS2>
<ADDRESS3>	O	String	35	Postal Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	String	35	<b>Postal Address City</b>	<CITY>Optional Data</CITY>
<STATE>	O	String	35	Postal Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	10	Postal Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>

XML Tag	M/O	Data Type	Length	Definition	Example
<COUNTRY>	O	String	35	Postal Address Country	<COUNTRY>Optional Data</COUNTRY>
</POSTAL_ADDRESS>	M			Closing tag for Company postal address details	</POSTAL_ADDRESS>
<PHONE>	O	String	20	Company Phone Number	<PHONE>03 333 4444</PHONE>
<FAX>	O	String	20	Company Fax Number	<FAX>Optional Data</FAX>
<CONTACT_PERSON>	O	String	100	Contact Person - Buyer or Supplier	<CONTACT_PERSON>Optional Data</CONTACT_PERSON>
<EMAIL>	O	String	100	Contact person's Email Address	<EMAIL>Optional Data</EMAIL>
</COMPANY>	M			<b>Closing tag for Company details</b>	</COMPANY>
<SUPPLIER_INTERNAL_CODE>	O	String	50	Supplier's reference code for themselves	<SUPPLIER_INTERNAL_CODE>Optional Data</SUPPLIER_INTERNAL_CODE>
<FOODSTUFFS_SUPPLIER_CODE>	M	Digit	10	Foodstuffs reference code for the Supplier	<FOODSTUFFS_SUPPLIER_CODE>1111</FOODSTUFFS_SUPPLIER_CODE>
</SUPPLIER>	M			<b>Closing tag for Supplier details</b>	</SUPPLIER>
<DISTRIBUTOR>	O			Opening tag for Distributor details (if applicable). Only used when a Distributor relationship is configured, otherwise will be omitted.	<DISTRIBUTOR>

XML Tag	M/O	Data Type	Length	Definition	Example
<COMPANY>	M				<COMPANY>
<NAME>	M	String	35	The Foodstuffs Store or Warehouse name / The Supplier or Distributor Name  Note: If the document contains multiple invoices this section should contain the Foodstuffs Company details in the Customer segment.	<NAME>Supplier Name</NAME>
<ORG_ID>	M	Integer String	9,13 30	<b>Numerical identifier for the entity. Either eXchange account number or GLN if GLN alias is defined</b>	<ORG_ID OrgType="EAN_Prefix">1122334</ORG_ID>
Attribute: OrgType	M	String	20	Can be "EAN_Prefix", "GLN_Code" or a custom alias	
<STREET_ADDRESS>	M			Opening tag for Company street address details	<STREET_ADDRESS>
<ADDRESS1>	M	String	35	<b>Street Address line 1 Must contain the street number and street name</b>	<ADDRESS1>123 Anywhere St</ADDRESS1>
<ADDRESS2>	O	String	35	Street Address line 2	<ADDRESS2>CHRISTCHURCH</ADDRESS2>
<ADDRESS3>	O	String	35	Street Address line 3	<ADDRESS3>Optional Data</ADDRESS3>

XML Tag	M/O	Data Type	Length	Definition	Example
<CITY>	M	String	35	Street Address City	<CITY>Optional Data</CITY>
<STATE>	O	String	35	Street Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	10	Street Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	35	Street Address Country	<COUNTRY>Optional Data</COUNTRY>
</STREET_ADDRESS>	M			Closing tag for Company street address details	</STREET_ADDRESS>
<POSTAL_ADDRESS>	M			Opening tag for Company postal address details	<POSTAL_ADDRESS>
<ADDRESS1>	M	String	35	Postal Address line 1	<ADDRESS1>Private Bag 123</ADDRESS1>
<ADDRESS2>	O	String	35	Postal Address line 2	<ADDRESS2>Christchurch</ADDRESS2>
<ADDRESS3>	O	String	35	Postal Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	String	35	Postal Address City	<CITY>Optional Data</CITY>
<STATE>	O	String	35	Postal Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	10	Postal Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	35	Postal Address Country	<COUNTRY>Optional Data</COUNTRY>
</POSTAL_ADDRESS>	M			Closing tag for Company postal address details	</POSTAL_ADDRESS>
<PHONE>	O	String	20	Company Phone Number	<PHONE>03 333 4444</PHONE>
<FAX>	O	String	20	Company Fax Number	<FAX>Optional Data</FAX>
<CONTACT_PERSON>	O	String	100	Contact Person - Buyer or Supplier	<CONTACT_PERSON>Optional Data</CONTACT_PERSON>

XML Tag	M/O	Data Type	Length	Definition	Example
<EMAIL>	O	String	100	Contact person's Email Address	<EMAIL>Optional Data</EMAIL>
</COMPANY>	M			Closing tag for Company details	</COMPANY>
</DISTRIBUTOR>	O			<b>Closing tag for Distributor details</b>	<DISTRIBUTOR>
<ORDER_HEADER>	M			Opening tag for Order Header	<ORDER_HEADER>
<ORDER_NUM>	M	String	12	Order Number	<ORDER_NUM>332200</ORDER_NUM>
<ORDER_DATE>	M	Date Time		Date of the Order Note: must be in yyyy-mm-ddThh:mm:ss format	<ORDER_DATE>2020-04-20T16:45:00</ORDER_DATE>
<DISPATCH_DATE>	M	Date Time		Date of dispatch, could ALSO be used for Primary freight pickup time if applicable. (FSNI: utilize for delivery creation)	<DISPATCH_DATE>2020-04-20T16:45:00</DISPATCH_DATE>
<DELIVER_DATE>	O	Date Time		Expected delivery date for inwards goods use (FSNI: utilize for delivery creation)	<DELIVER_DATE>2020-04-20T16:45:00</DELIVER_DATE>
<PACKING_SLIP>	O	String	30	Packing Slip number	<PACKING_SLIP>Optional Data</PACKING_SLIP>

XML Tag	M/O	Data Type	Length	Definition	Example
<SUPPLIER_REF>	O	String	50	Supplier reference for order / internal sales order reference	<SUPPLIER_REF>Optional Data</SUPPLIER_REF>
<ORDER_COMPLETE>	M	Boolean	true / false	Order complete - Is this the final delivery for this order? Last ASN should be true if multiple ASN's are sent.  Note: either "true" or "false"  If the delivery is on multiple trucks, use this field and <DELIVER_NUM> to split the order	<ORDER_COMPLETE>true</ORDER_COMPLETE>
<DELIVER_NUM>	O	Byte		Number assigned to this delivery, increases for each ASN provided for this order  Note: must be sent to the Exchange in sequence, with the final delivery having <ORDER_COMPLETE> status of true	<DELIVER_NUM>1</DELIVER_NUM>
<DELIVER_ADDRESS>	M			Opening tag for Delivery Address details	<DELIVER_ADDRESS>
<SITE_NAME>	M	String	35	Delivery site name (Foodstuffs DC or Store name)  Customer delivery site name to remove confusion	<SITE_NAME>Papanui Distribution Centre</SITE_NAME>

XML Tag	M/O	Data Type	Length	Definition	Example
				and support off site delivery points. In general, Site Name = Trading name for stores. (FSNI short term: ignored)	
<ADDRESS1>	M	String	35	Delivery Address line 1	<ADDRESS1>167 Main North Road</ADDRESS1>
<ADDRESS2>	M	String	35	Delivery Address line 2	<ADDRESS2>Papanui</ADDRESS2>
<ADDRESS3>	O	String	35	Delivery Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	String	35	Delivery Address City	<CITY>CHRISTCHURCH</CITY>
<STATE>	O	String	35	Delivery Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	10	Delivery Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	35	Delivery Address Country	<COUNTRY>Optional Data</COUNTRY>
</DELIVER_ADDRESS>	M			Closing tag for Delivery Address details	</DELIVER_ADDRESS>
<BILL_TO>	M			Opening tag for Bill To details. The organisation that will pay the invoice when the order is billed.	<BILL_TO>
<COMPANY>	M			Opening tag for Company Bill To details	<COMPANY>

XML Tag	M/O	Data Type	Length	Definition	Example
				<b>Standardised Company sections for customer - must match BILL_TO from PO</b>	
<NAME>	M	String	35	The Foodstuffs Store or Warehouse name / The Supplier or Distributor Name  Note: If the document contains multiple invoices this section should contain the Foodstuffs Company details in the Customer segment.	<NAME>Papanui Distribution Centre</NAME>
<ORG_ID>	M	Integer String	9,13 30	<b>Numerical identifier for the entity. Either eXchange account number or GLN if GLN alias is defined</b>	
Attribute: OrgType	M	String	20	Can be "EAN_Prefix", "GLN" or a custom alias. (Default is EAN_Prefix) If you intend using GLN, please use it consistently to identify Foodstuffs, Supplier and Distributor (if required.)	<ORG_ID OrgType="EAN_Prefix">789</ORG_ID> or <ORG_ID OrgType="GLN_Code">942900008990</ORG_ID>

XML Tag	M/O	Data Type	Length	Definition	Example
<STREET_ADDRESS>	M			Opening tag for Company street address details	<STREET_ADDRESS>
<ADDRESS1>	M	String	35	<b>Street Address line 1</b> <b>Must contain the street number and street name</b>	<ADDRESS1>167 Main North Road</ADDRESS1>
<ADDRESS2>	O	String	35	Street Address line 2	<ADDRESS2>Papanui</ADDRESS2>
<ADDRESS3>	O	String	35	Street Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	String	35	<b>Street Address City</b>	<CITY>Christchurch</CITY>
<STATE>	O	String	35	Street Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	10	Street Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	35	Street Address Country	<COUNTRY>Optional Data</COUNTRY>
</STREET_ADDRESS>	M			<b>Closing tag for Company street address details</b>	</STREET_ADDRESS>
<POSTAL_ADDRESS>	M			<b>Opening tag for Company postal address details</b>	<POSTAL_ADDRESS>
<ADDRESS1>	M	String	35	<b>Postal Address line 1</b>	<ADDRESS1>Private Bag 4705</ADDRESS1>
<ADDRESS2>	O	String	35	Postal Address line 2	<ADDRESS2>Optional Data</ADDRESS2>
<ADDRESS3>	O	String	35	Postal Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	String	35	<b>Postal Address City</b>	<CITY>Christchurch</CITY>
<STATE>	O	String	35	Postal Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	10	Postal Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>

XML Tag	M/O	Data Type	Length	Definition	Example
<COUNTRY>	O	String	35	Postal Address Country	<COUNTRY>Optional Data</COUNTRY>
</POSTAL_ADDRESS>	M			Closing tag for Company postal address details	</POSTAL_ADDRESS>
<PHONE>	O	String	20	Company Phone Number	<PHONE>Optional Data</PHONE>
<FAX>	O	String	20	Company Fax Number	<FAX>Optional Data</FAX>
<CONTACT_PERSON>	O	String	100	Contact Person - Buyer or Supplier	<CONTACT_PERSON>Optional Data</CONTACT_PERSON>
<EMAIL>	O	String	100	Contact person's Email Address	<EMAIL>Optional Data</EMAIL>
</COMPANY>	M			Closing tag for Company Bill To details	</COMPANY>
</BILL_TO>	M			Closing tag for Bill To details	</BILL_TO>
<CURRENCY>	M	String	3	Currency = NZD Supports NZD, AUD, USD, EUR, GBP, CAD, SAR, etc.	<CURRENCY>NZD</CURRENCY>
<DISCOUNT_METHOD>	O	String	30	Description of any discounts applied at the invoice header level	<DISCOUNT_METHOD>Optional Data</DISCOUNT_METHOD>
<SPECIAL_INSTRUCTIONS>	O	String	350	Special instructions	<SPECIAL_INSTRUCTIONS>Optional Data</SPECIAL_INSTRUCTIONS>
<PRICE_BEFORE_DISCOUNT>	O	Decimal	2dp	Total price of lines before discount	<PRICE_BEFORE_DISCOUNT> <b>105.00</b> </PRICE_BEFORE_DISCOUNT>

XML Tag	M/O	Data Type	Length	Definition	Example
				Sum of the lines "LINE_PRICE"	
<TOTAL_DISCOUNT>	O	Decimal	2dp	The total discount value applied to the invoice at header level  Note: this is expected to be positive for an invoice and negative for a credit	<TOTAL_DISCOUNT> <b>5.00</b> </TOTAL_DISCOUNT>
<PRICE_BEFORE_GST>	O	Decimal	2dp	Total price of lines after discounts have been applied but excluding GST  Sum of the lines "LINE_PRICE" minus "TOTAL_DISCOUNT"	<PRICE_BEFORE_GST> <b>100.00</b> </PRICE_BEFORE_GST>
<ADDITIONAL_PROPERTIES>	O			Opening tag for additional properties (list of Property elements)	<ADDITIONAL_PROPERTIES>
<PROPERTY>	O			Opening tag for property	<PROPERTY>
<NAME>	M	String	50	The name for the extra info, e.g. could be 'PromoStartDate'. Foodstuffs to provide	<NAME> <b>PromoStartDate</b> </NAME>
<VALUE>	M	String	5000	The value associated to the key, e.g. Could be 2020-07-10 for the PromoStartDate	<VALUE> <b>2020-07-10</b> </VALUE>

XML Tag	M/O	Data Type	Length	Definition	Example
</PROPERTY>	O			Closing tag for property	</PROPERTY>
</ADDITIONAL_PROPERTIES>	O	String	50	Closing tag for additional properties	</ADDITIONAL_PROPERTIES>
</ORDER_HEADER>	M			Closing tag for Order Header	</ORDER_HEADER>
<LINES>	M			Opening tag for Lines	<LINES>
<ORDER_LINE>	M			Opening tag for Order Line	<ORDER_LINE>
<CUSTOMER_PRODUCT>	M	String	13	Foodstuffs internal product number or GS1 13 barcode	<CUSTOMER_PRODUCT>2562548973569</CUSTOMER_PRODUCT>
<SUPPLIER_PRODUCT>	M	String	20	Value supplied in the Supplier – product field must match the value from SUPPLIER_PRODUCT from corresponding Purchase Order	<SUPPLIER_PRODUCT>2562568974568</SUPPLIER_PRODUCT>
<BARCODE_PRODUCT>	M	String	14	Product GS1 14 shipper barcode (GTIN) or if not available the GS1 13 retail unit barcode (GTIN) is required	<BARCODE_PRODUCT>12562568974568</BARCODE_PRODUCT>
<PRODUCT_ID>	O	String	30	Retail Barcode-Carton Qty	<PRODUCT_ID>2562568974568-24</PRODUCT_ID>
<CUSTOMER_SEQUENCE>	O	String	5		<CUSTOMER_SEQUENCE>Optional Data</CUSTOMER_SEQUENCE>

XML Tag	M/O	Data Type	Length	Definition	Example
<SUPPLIER_SEQUENCE>	O	String	6		<SUPPLIER_SEQUENCE>Optional Data</SUPPLIER_SEQUENCE>
<PRODUCT_DESC>	M	String	50	Product Description	<PRODUCT_DESC>Product Description</PRODUCT_DESC>
<QTY_ORDERED>	M	Decimal	3dp	Quantity ordered in units specified by the order unit of measure	<QTY_ORDERED>1</QTY_ORDERED>
<UNIT_OF_MEASURE>	M	Integer	5	Unit of Measure ordered and delivered	<UNIT_OF_MEASURE uomcode="Shipper">24</UNIT_OF_MEASURE>
Attribute: uomcode	M	String	Fixed	Must be one of: Retail Unit, Inner, Shipper, Layer, Pallet, or KG	For Random Weight KG unit is always 1, Qty ordered will show the weight required in KG <UNIT_OF_MEASURE uomcode="KG">1</UNIT_OF_MEASURE>
<QTY_IN_CARTON>	O	Digit	5	Number of Retail Units per carton (shipper)	<QTY_IN_CARTON>6</QTY_IN_CARTON>
<TISIZE>	O	Digit	2	Number of cartons per pallet tier	<TISIZE>4</TISIZE>
<HISIZE>	O	Digit	2	Number of cartons per pallet height	<HISIZE>2</HISIZE>
<PALLET_QTY>	O	Digit	4	Number of cartons per pallet Note: this should be Tier x Height	<PALLET_QTY>8</PALLET_QTY>
<QTY_FOR_DELIVERY>	M	Decimal	3dp	Quantity to be delivered in units specified by unit of measure	<QTY_FOR_DELIVERY>6</QTY_FOR_DELIVERY>

XML Tag	M/O	Data Type	Length	Definition	Example
				Decimal allowed when Order UOM = KG	
<RANDOM_WEIGHT_IND>	O	Boolean	true / false	Random weight identifier to support Random weight ordering (FSNI: no further logic)	<RANDOM_WEIGHT_IND>True</RANDOM_WEIGHT_IND>
<TOTAL_WEIGHT>	O	Decimal	3dp	Only used for Random Weight Products where the pricing is based on the weight supplied in KG. The value is the total weight in KG.  Note: the <PRICE_UNIT_OF_MEASURE> code must equal "KG" in this case	<TOTAL_WEIGHT>158.9</TOTAL_WEIGHT>
<SHIPPING_CONTAINER_DETAIL>	O			Opening tag for SSCC detail to support SSCC where applicable (FSNI: initially not scoped in FSX P 2 but effort / value will be re-evaluated)	<SHIPPING_CONTAINER_DETAIL>
<SSCC_REFERENCE>	O	String	20	Reference for this SSCC	<SSCC_REFERENCE>394005470039014371</SSCC_REFERENCE>
<ASSET_TYPE_MAIN>	O	String	20	Pallet Type product is loaded on, current CHEP and Loscam, but could be other in the future	<ASSET_TYPE_MAIN>CHEP</ASSET_TYPE_MAIN>

XML Tag	M/O	Data Type	Length	Definition	Example
<QTY_FOR_DELIVERY>	O	Decimal	3dp	Quantity per SSCC	<QTY_FOR_DELIVERY>60</QTY_FOR_DELIVERY>
<BATCH_NUMBER>	O	String	20		<BATCH_NUMBER>A257100000</BATCH_NUMBER>
<CONTAINER_WEIGHT>	O	Decimal	3dp	Total weight for this container	<CONTAINER_WEIGHT weightcode="KG">100</CONTAINER_WEIGHT>
<EXPIRY_DATE>	O	Date		Product expiry date	<EXPIRY_DATE>2019-09-08</EXPIRY_DATE>
<PACKED_ON>	O	Date		Product pack on date	<PACKED_ON>2019-09-08</PACKED_ON>
<WEIGHT_DETAIL>	O			Opening tag for Weight detail	<WEIGHT_DETAIL>
<CARTON_SERIAL_ID>	O	String	20	Individual carton ID in this SSCC	<CARTON_SERIAL_ID>
<CARTON_WEIGHT>	O	Decimal	3dp	Individual carton weight for this carton ID	<CARTON_WEIGHT>
<ASSET_TYPE_SECONDARY>	O	String	20	Handling Unit loaded on the pallet representing returnable packaging	<ASSET_TYPE_SECONDARY>RTPK1</ASSET_TYPE_SECONDARY>
</WEIGHT_DETAIL>	O			Closing tag for Weight detail	</WEIGHT_DETAIL>
</SHIPPING_CONTAINER_DETAIL>	O			Closing tag for SSCC detail	</SHIPPING_CONTAINER_DETAIL>
<PRICING_DETAIL>	M			Opening tag for Pricing Detail	<PRICING_DETAIL>

XML Tag	M/O	Data Type	Length	Definition	Example
<PRICE_BEFORE_DISCOUNT>	O	Decimal	4dp	Price per unit of measure as specified in <PRICE_UNIT_OF_MEASURE> before any discount is applied	<PRICE_BEFORE_DISCOUNT> <b>10.50</b> </PRICE_BEFORE_DISCOUNT>
<PRICE>	M	Decimal	4dp	Price per unit of measure as specified in <UNIT_OF_MEASURE> after any discount is applied	<PRICE> <b>1.50</b> </PRICE>
<PRICE_UNIT_OF_MEASURE>	M	Integer	5	The number of retail units in the selected unit of measure	<PRICE_UNIT_OF_MEASURE priceuomcode="Shipper"> <b>1</b> </PRICE_UNIT_OF_MEASURE>
Attribute: priceuomcode	M	String	Fixed	Must be one of: "Retail Unit", "Inner", "Shipper", "Layer", "Pallet", or "KG"	
<BONUS_STOCK>	O	Boolean	true / false	Bonus Stock Note: either "true" or "false"	<BONUS_STOCK> <b>true</b> </BONUS_STOCK>
<LINE_PRICE>	M	Decimal	4dp	Extended Line Price "QTY_FOR_DELIVERY" x "PRICE"  Note: where the pricing is based on weight supplied, Line Price is the	<LINE_PRICE> <b>15.00</b> </LINE_PRICE>

XML Tag	M/O	Data Type	Length	Definition	Example
				“TOTAL_WEIGHT” x “PRICE”	
<b>&lt;/PRICING_DETAIL&gt;</b>	<b>M</b>			Closing tag for Pricing Detail	<b>&lt;/PRICING_DETAIL&gt;</b>
<ADDITIONAL_PROPERTIES>	O			Opening tag for additional properties (list of Property elements)	<ADDITIONAL_PROPERTIES>
<PROPERTY>	O			Opening tag for property	<PROPERTY>
<b>&lt;NAME&gt;</b>	<b>M</b>	String	50	The name for the extra info, e.g. could be 'PromoStartDate'. Foodstuffs to provide	<b>&lt;NAME&gt;PromoStartDate&lt;/NAME&gt;</b>
<b>&lt;VALUE&gt;</b>	<b>M</b>	String	5000	The value associated to the key, e.g. Could be 2020-07-10 for the PromoStartDate	<b>&lt;VALUE&gt;2020-07-10&lt;/VALUE&gt;</b>
</PROPERTY>	O			Closing tag for property	</PROPERTY>
</ADDITIONAL_PROPERTIES>	O	String	50	Closing tag for additional properties	</ADDITIONAL_PROPERTIES>
<b>&lt;/ORDER_LINE&gt;</b>	<b>M</b>			Closing tag for Order Line	<b>&lt;/ORDER_LINE&gt;</b>
<b>&lt;/LINES&gt;</b>	<b>M</b>			Closing tag for Lines	<b>&lt;/LINES&gt;</b>
<b>&lt;CONTROL&gt;</b>	<b>M</b>			Opening tag for Control	<b>&lt;CONTROL&gt;</b>

XML Tag	M/O	Data Type	Length	Definition	Example
<LINES_DELIVERED>	M	Integer	5	Number of lines in ASN order	<LINES_DELIVERED>1</LINES_DELIVERED >
<TOTAL_QTY_ORDERED>	M	Decimal	3	Sum of all <QTY_ORDERED> in ASN lines	<TOTAL_QTY_ORDERED>1</TOTAL_QTY_ORDERED>
<TOTAL_QTY_FOR_DELIVERY>	M	Decimal	3	Sum of all <QTY_FOR_DELIVERY> in ASN lines	<TOTAL_QTY_FOR_DELIVERY>1</TOTAL_QTY_FOR_DELIVERY>
</CONTROL>	M			Closing tag for Control	</CONTROL>
</ASN_160>	M			Closing tag for ASN	</ASN_160>

## 1.20 INV – XML Invoice; Rules and Guidelines

XML Tag	M/O	Data M/O	Data Type	Length	Definition	Example
<INVOICE_160>	M				Opening tag for Invoice	<b>&lt;INVOICE_160 partner="FOODSTUFFS" transaction="INVOICE" version="1.60" timestamp="2020-04-02T16:45:00" document_mode="Live" direction="TO_FOODSTUFFS"&gt;</b>
<b>Attribute: partner</b>	M	M	String	Fixed	Partner will always be "FOODSTUFFS"	
<b>Attribute: transaction</b>	M	M	String	Fixed	Transaction will always be "INVOICE"	
<b>Attribute: version</b>	M	M	Decimal	Fixed	Version will always be "1.60"	
<b>Attribute: timestamp</b>	M	M	Date Time	Fixed	Timestamp of the Invoice Creation Note: must be in yyyy-mm-ddThh:mm:ss format	
<b>Attribute: document_mode</b>	M	M	String	Fixed	Live or Test	
<b>Attribute: direction</b>	M	M	String	Fixed	TO_FOODSTUFFS or FROM_FOODSTUFFS Attribute to represent which way the invoice is going	
<CUSTOMER>	M				Opening tag for Customer details	<b>&lt;CUSTOMER&gt;</b>
<COMPANY>	M				<b>Opening tag for Customer Company details</b>	<b>&lt;COMPANY&gt;</b>

XML Tag	M/O	Data M/O	Data Type	Length	Definition	Example
<NAME>	M	String	String	35	The Foodstuffs Store or Warehouse name / The Supplier or Distributor Name  Note: If the document contains multiple invoices this section should contain the Foodstuffs Company details in the Customer segment.	<NAME>Papanui Distribution Centre</NAME>
<ORG_ID>	M	Integer String	Integer String	9,13 30	Numerical identifier for the entity. Either eXchange account number or GLN if GLN alias is defined	
Attribute: OrgType	M	String	String	20	Can be "EAN_Prefix", "GLN" or a custom alias. (Default is EAN_Prefix) If you intend using GLN, please use it consistently to identify Foodstuffs, Supplier and Distributor (if required.)	<ORG_ID OrgType="EAN_Prefix">789</ORG_ID> or <ORG_ID OrgType="GLN_Code">9429000008990</ORG_ID>
<STREET_ADDRESS>	M				Opening tag for Company street address details	<STREET_ADDRESS>
<ADDRESS1>	M	String	String	35	<b>Street Address line 1 Must contain the street number and street name</b>	<ADDRESS1>167 Main North Road</ADDRESS1>
<ADDRESS2>	O	String	String	35	Street Address line 2	<ADDRESS2>Papanui</ADDRESS2>
<ADDRESS3>	O	String	String	35	Street Address line 3	<ADDRESS3>Optional Data</ADDRESS3>

XML Tag	M/O	Data M/O	Data Type	Length	Definition	Example
<CITY>	M	String	String	35	Street Address City	<CITY>Christchurch</CITY>
<STATE>	O	String	String	35	Street Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	String	10	Street Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	String	35	Street Address Country	<COUNTRY>Optional Data</COUNTRY>
</STREET_ADDRESS>	M				Closing tag for Company street address details	</STREET_ADDRESS>
<POSTAL_ADDRESS>	M				Opening tag for Company postal address details	<POSTAL_ADDRESS>
<ADDRESS1>	M	String	String	35	Postal Address line 1	<ADDRESS1>Private Bag 4705</ADDRESS1>
<ADDRESS2>	O	String	String	35	Postal Address line 2	<ADDRESS2>Optional Data</ADDRESS2>
<ADDRESS3>	O	String	String	35	Postal Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	String	String	35	Postal Address City	<CITY>Christchurch</CITY>
<STATE>	O	String	String	35	Postal Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	String	10	Postal Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	String	35	Postal Address Country	<COUNTRY>Optional Data</COUNTRY>
</POSTAL_ADDRESS>	M				Closing tag for Company postal address details	</POSTAL_ADDRESS>
<PHONE>	O	String	String	20	Company Phone Number	<PHONE>Optional Data</PHONE>
<FAX>	O	String	String	20	Company Fax Number	<FAX>Optional Data</FAX>
<CONTACT_PERSON>	O	String	String	100	Contact Person - Buyer or Supplier	<CONTACT_PERSON>Optional Data</CONTACT_PERSON>

XML Tag	M/O	Data M/O	Data Type	Length	Definition	Example
<EMAIL>	O	String	String	100	Contact person's Email Address	<EMAIL>Optional Data</EMAIL>
</COMPANY>	M				Closing tag for Company details	</COMPANY>
<SUPPLIER_STORE_CODE>	O	String	String	50	Supplier Reference for the Foodstuffs Warehouse or Store One of SUPPLIER_STORE_CODE or STORE_OWNER_CODE is mandatory	<SUPPLIER_STORE_CODE>Optional Data</SUPPLIER_STORE_CODE>
<STORE_OWNER_CODE>	M	Digit	Digit	6	Foodstuffs Store Membership No or Warehouse No One of SUPPLIER_STORE_CODE or STORE_OWNER_CODE is mandatory	<STORE_OWNER_CODE>111</STORE_OWNER_CODE>
</CUSTOMER>	M				Closing tag for Customer details	</CUSTOMER>
<SUPPLIER>	M				Opening tag for Supplier details	<SUPPLIER>
<COMPANY>	M				Opening tag for Supplier Company details	<COMPANY>
<NAME>	M	String	String	35	Trading name of Supplier	<NAME>Supplier Name</NAME>

XML Tag	M/O	Data M/O	Data Type	Length	Definition	Example
<ORG_ID>	M	Integer String	Integer String	9,13 30	Numerical identifier for the entity. Either eXchange account number or GLN if GLN alias is defined	
Attribute: OrgType	M	String	String	20	Can be "EAN_Prefix", "GLN" or a custom alias. (Default is EAN_Prefix) If you intend using GLN, please use it consistently to identify Foodstuffs, Supplier and Distributor (if required.)	<ORG_ID OrgType="EAN_Prefix">789</ORG_ID> or <ORG_ID OrgType="GLN_Code">9429000008990</ORG_ID>
<STREET_ADDRESS>	M				Opening tag for Supplier street address details	<STREET_ADDRESS>
<ADDRESS1>	M	String	String	35	<b>Street Address line 1</b> <b>Must contain the street number and street name</b>	<ADDRESS1>123 Anywhere St</ADDRESS1>
<ADDRESS2>	O	String	String	35	Street Address line 2	<ADDRESS2>CHRISTCHURCH</ADDRESS2>
<ADDRESS3>	O	String	String	35	Street Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	String	String	35	<b>Street Address City</b>	<CITY>Optional Data</CITY>
<STATE>	O	String	String	35	Street Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	String	10	Street Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	String	35	Street Address Country	<COUNTRY>Optional Data</COUNTRY>
</STREET_ADDRESS>	M				<b>Closing tag for Supplier street address details</b>	</STREET_ADDRESS>

XML Tag	M/O	Data M/O	Data Type	Length	Definition	Example
<POSTAL_ADDRESS>	M				Opening tag for Supplier postal address details	<POSTAL_ADDRESS>
<ADDRESS1>	M	String	String	35	Postal Address line 1	<ADDRESS1>Private Bag 123</ADDRESS1>
<ADDRESS2>	O	String	String	35	Postal Address line 2	<ADDRESS2>Christchurch</ADDRESS2>
<ADDRESS3>	O	String	String	35	Postal Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	String	String	35	Postal Address City	<CITY>Optional Data</CITY>
<STATE>	O	String	String	35	Postal Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	String	10	Postal Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	String	35	Postal Address Country	<COUNTRY>Optional Data</COUNTRY>
</POSTAL_ADDRESS>	M				Closing tag for Supplier postal address details	</POSTAL_ADDRESS>
<PHONE>	O	String	String	20	Supplier Phone Number	<PHONE>03 333 4444</PHONE>
<FAX>	O	String	String	20	Supplier Fax Number	<FAX>Optional Data</FAX>
<CONTACT_PERSON>	O	String	String	100	Contact Person - Buyer or Supplier	<CONTACT_PERSON>Optional Data</CONTACT_PERSON>
<EMAIL>	O	String	String	100	Contact person's Email Address	<EMAIL>Optional Data</EMAIL>
</COMPANY>	M				Closing tag for Supplier Company details	</COMPANY>
<SUPPLIER_INTERNAL_CODE>	O	String	String	50	Supplier's reference code for themselves	<SUPPLIER_INTERNAL_CODE>Optional Data</SUPPLIER_INTERNAL_CODE>

XML Tag	M/O	Data M/O	Data Type	Length	Definition	Example
<FOODSTUFFS_SUPPLIER_CODE>	O	Digit	Digit	10	Foodstuffs reference code for the Supplier	<FOODSTUFFS_SUPPLIER_CODE>11111</FOODSTUFFS_SUPPLIER_CODE>
<GST_NUMBER>	M	M	String	10	Supplier GST Number	<GST_NUMBER>12 123 123</GST_NUMBER>
</SUPPLIER>	M				<b>Closing tag for Supplier details</b>	</SUPPLIER>
<INVOICE>	M				<b>Opening tag for Invoice</b>	<INVOICE>
<INVOICE_HEADER>	M				<b>Opening tag for Invoice Header</b>	<INVOICE_HEADER>
<INVOICE_TYPE>	M	M	String	20	<p>“Aisle-End” if SD invoice and relates promo display</p> <p>“Standard” if SD invoice and does not relate to promo invoice -&gt; this wouldn't happen but allow us standard SD orders going forward</p> <p>“Settlement” if “Agency Business”</p> <p>“Sundry” if FI invoice</p> <p>“Ad-Hoc” if FIORI-LIV invoice</p>	<INVOICE_TYPE>Standard</INVOICE_TYPE>
<INVOICE_SUB_TYPE>	M	M	String	20	Will always be "Standard"	<INVOICE_SUB_TYPE>Standard</INVOICE_SUB_TYPE>
<INVOICE_CREDIT>	M	M	String	12	Must be either “Tax Invoice” or “Credit Note”	<INVOICE_CREDIT>Tax Invoice</INVOICE_CREDIT>
<INVOICE_NUM>	M	M	String	16	Invoice Number	<INVOICE_NUM>123123</INVOICE_NUM>

XML Tag	M/O	Data M/O	Data Type	Length	Definition	Example
<CREDIT_NOTE_NUM>	M/O	O	String	12	Credit Note Number Mandatory if INVOICE_CREDIT=Credit Note	<CREDIT_NOTE_NUM>133221</CREDIT_NOTE_NUM>
<INVOICE_DATE>	M	M	Date		Date of the Invoice	<INVOICE_DATE>2020-04-20</INVOICE_DATE>
<PERIOD_FROM>	M/O	O	Date		Date of the Invoice Mandatory if INVOICE_TYPE=Aisle-End	<PERIOD_FROM>2020-04-20</PERIOD_FROM>
<PERIOD_TO>	M/O	O	Date		Date of the Invoice Mandatory if INVOICE_TYPE=Aisle-End	<PERIOD_TO>2020-04-20</PERIOD_TO>
<WEEK>	M/O	O	String	7	Week number and year Mandatory if INVOICE_TYPE=Aisle-End	<WEEK>14.2020</WEEK>
<PAYMENT_DUE_DATE>	O	O	Date		Due date of invoice	<PAYMENT_DUE_DATE>2020-04-20</PAYMENT_DUE_DATE>
<PURCHASING_DEPARTMENT>	O	O	String	20	Applicable Purchasing Department	<PURCHASING_DEPARTMENT>Optional Data<PURCHASING_DEPARTMENT>
<SUPPLIER_STORE_REFERENCE>	M/O	O	String	35	Supplier's code for the store / warehouse that is being invoiced. One of SUPPLIER_STORE_REFEREN CE or FOODSTUFFS_STORE_REFER ENCE is mandatory	<SUPPLIER_STORE_REFERENCE>Optional Data</SUPPLIER_STORE_REFERENCE>

XML Tag	M/O	Data M/O	Data Type	Length	Definition	Example
<FOODSTUFFS_STORE_REFERENCE>	M/O	O	Digit	6	If Store Translation is not set up on the Exchange, this is the applicable Foodstuffs Warehouse or Store number that is being invoiced One of SUPPLIER_STORE_REFERENCE or FOODSTUFFS_STORE_REFERENCE is mandatory	<FOODSTUFFS_STORE_REFERENCE>Optional Data</FOODSTUFFS_STORE_REFERENCE>
<ORDER_NUM>	M	M	Digit	12	Value of ORDER_NUM in Purchase Order schema if they supply Purchase Order. If not available for store invoices populate with "0"	<ORDER_NUM>332200</ORDER_NUM>
<ORDER_DATE>	O	M	Date Time		Date the Purchase Order was created  Note: must be in yyyy-mm-ddThh:mm:ss format	<ORDER_DATE>2020-04-17T05:01:28</ORDER_DATE>
<DISPATCH_DATE>	M	M	Date Time		The date on which the goods were dispatched from the supplier's warehouse. For credits this is the date the goods were returned. If there is no date available, use the invoice/credit note date.  Note: must be in yyyy-mm-ddThh:mm:ss format	<DISPATCH_DATE> 2020-04-20T05:01:28</DISPATCH_DATE>

XML Tag	M/O	Data M/O	Data Type	Length	Definition	Example
<PACKING_SLIP>	M/O	M	String	30	Packing Slip reference number Mandatory if direction=TO_FOODSTUFFS and INVOICE_TYPE=Standard	<PACKING_SLIP>123321</PACKING_SLIP>
<BUYER>	O	O	String	50	Buyer name	<BUYER>Optional Data</BUYER>
<BUYER_REF>	O	O	Digit	6	Buyer reference number	<BUYER_REF>Optional Data</BUYER_REF>
<SUPPLIER_CONTACT>	O	O	String	50	Supplier's Contact	<SUPPLIER_CONTACT> Optional Data </SUPPLIER_CONTACT>
<SUPPLIER_REF>	O	O	String	50	Supplier reference number	<SUPPLIER_REF>Optional Data </SUPPLIER_REF>
<DELIVER_ADDRESS>	M				<b>Opening tag for Delivery Address details</b>	<b>&lt;DELIVER_ADDRESS&gt;</b>
<SITE_NAME>	M	M	String	35	Delivery site name (Foodstuffs DC or Store Trading name)	<b>&lt;SITE_NAME&gt;Papanui Distribution Centre&lt;/SITE_NAME&gt;</b>
<ADDRESS1>	M	M	String	35	Delivery Address line 1	<b>&lt;ADDRESS1&gt;167 Main North Road&lt;/ADDRESS1&gt;</b>
<ADDRESS2>	O	M	String	35	Delivery Address line 2	<ADDRESS2>Papanui</ADDRESS2>
<ADDRESS3>	O	O	String	35	Delivery Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	M	String	35	Delivery Address City	<b>&lt;CITY&gt;Christchurch&lt;/CITY&gt;</b>
<STATE>	O	O	String	35	Delivery Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	O	String	10	Delivery Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	O	String	35	Delivery Address Country	<COUNTRY>Optional Data</COUNTRY>

XML Tag	M/O	Data M/O	Data Type	Length	Definition	Example
</DELIVER_ADDRESS>	M				Closing tag for Delivery Address details	</DELIVER_ADDRESS>
<BILL_TO>	M				Opening tag for Bill To details. The organisation that will pay the invoice when the order is billed.	<BILL_TO>
<COMPANY>	M				Opening tag for Company Bill To details	<COMPANY>
					Standardised Company sections for customer - must match BILL_TO from PO	
<NAME>	M	String	String	35	Foodstuffs Company name  Note: If the document contains multiple invoices this section should contain the Foodstuffs Company details in the Customer segment.	<NAME>Papanui Distribution Centre</NAME>
<ORG_ID>	M	Integer String	Integer String	9,13 30	Foodstuffs Company ID	<ORG_ID OrgType="EAN_Prefix">789</ORG_ID> or <ORG_ID OrgType="GLN_Code">942900008990</ORG_ID>
Attribute: OrgType	M	String	String	20	Can be "EAN_Prefix", "GLN" or a custom alias. (Default is EAN_Prefix) If you intend using GLN, please use it consistently to	

XML Tag	M/O	Data M/O	Data Type	Length	Definition	Example
					<b>identify Foodstuffs, Supplier and Distributor (if required.)</b>	
<b>&lt;STREET_ADDRESS&gt;</b>	M				Opening tag for Company street address details	<b>&lt;STREET_ADDRESS&gt;</b>
<b>&lt;ADDRESS1&gt;</b>	M	String	String	35	<b>Street Address line 1 Must contain the street number and street name</b>	<b>&lt;ADDRESS1&gt;167 Main North Road&lt;/ADDRESS1&gt;</b>
<ADDRESS2>	O	String	String	35	Street Address line 2	<ADDRESS2>Papanui</ADDRESS2>
<ADDRESS3>	O	String	String	35	Street Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<b>&lt;CITY&gt;</b>	M	String	String	35	<b>Street Address City</b>	<b>&lt;CITY&gt;Christchurch&lt;/CITY&gt;</b>
<STATE>	O	String	String	35	Street Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	String	10	Street Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	String	35	Street Address Country	<COUNTRY>Optional Data</COUNTRY>
<b>&lt;/STREET_ADDRESS&gt;</b>	M				<b>Closing tag for Company street address details</b>	<b>&lt;/STREET_ADDRESS&gt;</b>
<b>&lt;POSTAL_ADDRESS&gt;</b>	M				<b>Opening tag for Company postal address details</b>	<b>&lt;POSTAL_ADDRESS&gt;</b>
<b>&lt;ADDRESS1&gt;</b>	M	String	String	35	<b>Postal Address line 1</b>	<b>&lt;ADDRESS1&gt;Private Bag 4705&lt;/ADDRESS1&gt;</b>
<ADDRESS2>	O	String	String	35	Postal Address line 2	<ADDRESS2>Optional Data</ADDRESS2>
<ADDRESS3>	O	String	String	35	Postal Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<b>&lt;CITY&gt;</b>	M	String	String	35	<b>Postal Address City</b>	<b>&lt;CITY&gt;Christchurch&lt;/CITY&gt;</b>

XML Tag	M/O	Data M/O	Data Type	Length	Definition	Example
<STATE>	O	String	String	35	Postal Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	String	10	Postal Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	String	35	Postal Address Country	<COUNTRY>Optional Data</COUNTRY>
</POSTAL_ADDRESS>	M				Closing tag for Company postal address details	</POSTAL_ADDRESS>
<PHONE>	O	String	String	20	Company Phone Number	<PHONE>Optional Data</PHONE>
<FAX>	O	String	String	20	Company Fax Number	<FAX>Optional Data</FAX>
<CONTACT_PERSON>	O	String	String	100	Contact Person - Buyer or Supplier	<CONTACT_PERSON>Optional Data</CONTACT_PERSON>
<EMAIL>	O	String	String	100	Contact person's Email Address	<EMAIL>Optional Data</EMAIL>
</COMPANY>	M				Closing tag for Company Bill To details	</COMPANY>
</BILL_TO>	M				<b>Closing tag for Bill To details</b>	</BILL_TO>
<CURRENCY>	M	M	String	3	Currency = NZD	<CURRENCY>NZD</CURRENCY>
<DISCOUNT_METHOD>	O	O	String	30	Description of any discounts applied at the invoice header level	<DISCOUNT_METHOD>Optional Data</DISCOUNT_METHOD>
<SPECIAL_INSTRUCTIONS>	O	O	String	350	Special instructions	<SPECIAL_INSTRUCTIONS>Optional Data</SPECIAL_INSTRUCTIONS>
<PRICE_BEFORE_DISCOUNT>	O	M	Decimal	2dp	Total price of lines before discount	<PRICE_BEFORE_DISCOUNT>105.00</PRICE_BEFORE_DISCOUNT>

XML Tag	M/O	Data M/O	Data Type	Length	Definition	Example
<TOTAL_DISCOUNT>	O	M	Decimal	2dp	The total discount value applied to the invoice at header level	<TOTAL_DISCOUNT>5.00</TOTAL_DISCOUNT>
<PRICE_BEFORE_GST>	M	M	Decimal	2dp	Total price of lines after discounts have been applied but excluding GST	<PRICE_BEFORE_GST>100.00</PRICE_BEFORE_GST>
<TOTAL_GST>	M	M	Decimal	2dp	Total GST	<TOTAL_GST>15.00</TOTAL_GST>
<TOTAL_PRICE>	M	M	Decimal	2dp	Invoice value after discounts have been applied and including GST	<TOTAL_PRICE>115.00</TOTAL_PRICE>
<ADDITIONAL_PROPERTIES>	O	O			<b>Opening tag for additional properties (list of Property elements)</b>	<ADDITIONAL_PROPERTIES>
<PROPERTY>	O	O			<b>Opening tag for property</b>	<PROPERTY>
<NAME>	M	M	String	50	The name for the extra info, e.g. could be 'PromoStartDate'. Foodstuffs to provide	<NAME>PromoStartDate</NAME>
<VALUE>	M	M	String	5000	The value associated to the key, e.g. Could be 2020-07-10 for the PromoStartDate	<VALUE>2020-07-10</VALUE>
</PROPERTY>	O				<b>Closing tag for property</b>	</PROPERTY>
</ADDITIONAL_PROPERTIES>	O	O	String	50	<b>Closing tag for additional properties</b>	</ADDITIONAL_PROPERTIES>

XML Tag	M/O	Data M/O	Data Type	Length	Definition	Example
</INVOICE_HEADER>	M				Closing tag for Invoice Header	</INVOICE_HEADER>
<LINES>	M				Opening tag for Lines	<LINES>
<INVOICE_LINE>	M				Opening tag for Invoice Line	<INVOICE_LINE>
<CUSTOMER_PRODUCT>	O	M	String	13	GS1 product number	<CUSTOMER_PRODUCT>2562548973569</CUSTOMER_PRODUCT>
<SUPPLIER_PRODUCT>	M	M	String	20	Supplier product number or valid GS1 13 barcode Mandatory if direction=TO_FOODSTUFFS	<SUPPLIER_PRODUCT>2562568974568</SUPPLIER_PRODUCT>
<BARCODE_PRODUCT>	M	M	String	14	Product GS1 14 shipper barcode or if not available the GS1 13 retail unit barcode is required Mandatory if direction=TO_FOODSTUFFS	<BARCODE_PRODUCT>12562568974568</BARCODE_PRODUCT>
<PRODUCT_ID>	O	O	String	30	Retail Barcode-Carton Qty	<PRODUCT_ID>Optional Data</PRODUCT_ID>
<ORDER_LINE_NUMBER>	O	O	String	6	Line number on the original PO.	<ORDER_LINE_NUMBER>1</ORDER_LINE_NUMBER>
<PRODUCT_DESC>	M	M	String	50	Product Description	<PRODUCT_DESC>Product Description</PRODUCT_DESC>
<QTY_ORDERED>	M	M	Decimal	3dp	Quantity ordered in units specified by the order unit of measure	<QTY_ORDERED>1</QTY_ORDERED>

XML Tag	M/O	Data M/O	Data Type	Length	Definition	Example
<UNIT_OF_MEASURE>	M	M	Integer	5	Unit of Measure ordered and delivered	<UNIT_OF_MEASURE uomcode="Shipper">24</UNIT_OF_MEASURE>
Attribute: uomcode	M	M	String	Fixed	Must be one of: Retail Unit, Inner, Shipper, Layer, Pallet, or KG	
<QTY_FOR_DELIVERY>	M	M	Decimal	3dp	Amount that was delivered in units specified by <UNIT_OF_MEASURE>	<QTY_FOR_DELIVERY>10</QTY_FOR_DELIVERY>
<TOTAL_WEIGHT>	O	M	Decimal	3dp	Only used for Random Weight Products where the pricing is based on the weight supplied in KG. The value is the total weight in KG.	<TOTAL_WEIGHT weightcode="KG"> 158.9</TOTAL_WEIGHT>
Attribute: weightcode	M	M	String	Fixed	Must be "KG"	
<ADDITIONAL_PROPERTIES>	O	O			<b>Opening tag for additional properties (list of Property elements)</b>	<ADDITIONAL_PROPERTIES>
<PROPERTY>	O	O			<b>Opening tag for property</b>	<PROPERTY>
<NAME>	M	M	String	50	The name for the extra info, e.g. could be 'PromoStartDate'. Foodstuffs to provide	<NAME>PromoStartDate</NAME>
<VALUE>	M	M	String	5000	The value associated to the key, e.g. Could be 2020-07-10 for the PromoStartDate	<VALUE>2020-07-10</VALUE>

XML Tag	M/O	Data M/O	Data Type	Length	Definition	Example
</PROPERTY>	O				Closing tag for property	</PROPERTY>
</ADDITIONAL_PROPERTIES>	O	O	String	50	Closing tag for additional properties	</ADDITIONAL_PROPERTIES>
<PRICING_DETAIL>	M				Opening tag for Pricing Detail	<PRICING_DETAIL>
<PRICE_BEFORE_DISCOUNT>	O	M	Decimal	4dp	Price per unit of measure as specified in <PRICE_UNIT_OF_MEASURE> before any discount is applied	<PRICE_BEFORE_DISCOUNT>10.50</PRICE_BEFORE_DISCOUNT>
<PRICE>	M	M	Decimal	4dp	Price per unit of measure as specified in <UNIT_OF_MEASURE> after any discount is applied	<PRICE>10.00</PRICE>
<PRICE_UNIT_OF_MEASURE>	M	M	Integer	5	Line item GST	<PRICE_UNIT_OF_MEASURE priceuomcode="Shipper">1</PRICE_UNIT_OF_MEASURE>
<b>Attribute: priceuomcode</b>	M	M	String	Fixed	Must be one of: "Retail Unit", "Inner", "Shipper", "Layer", "Pallet", or "KG"	
<BONUS_STOCK>	O	M	Boolean	true / false	Bonus Stock Note: either "true" or "false"	<BONUS_STOCK>>true</BONUS_STOCK>
<LINE_PRICE>	M	M	Decimal	4dp	Extended Line Price before GST	<LINE_PRICE>100</LINE_PRICE>

XML Tag	M/O	Data M/O	Data Type	Length	Definition	Example
					"QTY_FOR_DELIVERY" x "PRICE"  Note: where the pricing is based on weight supplied, Line Price is the "TOTAL_WEIGHT" x "PRICE"	
<GST>	M					<GST>
<GST_DESCRIPTION>	O	O	String	20	GST Description - GST or Exempt or Zero rated	<GST_DESCRIPTION>Optional Data</GST_DESCRIPTION>
<GST_RATE>	M	M	Decimal	2dp	GST Rate	<GST_RATE>15</GST_RATE>
</GST>	M					</GST>
<LINE_GST>	M	M	Decimal	4dp	Line item GST	<LINE_GST>15.00</LINE_GST>
<TOTAL_LINE_PRICE>	M	M	Decimal	4dp	Invoice value after discounts have been applied and including GST	<TOTAL_LINE_PRICE>115.00</TOTAL_LINE_PRICE>
</PRICING_DETAIL>	M				Closing tag for Pricing Detail	</PRICING_DETAIL>
</INVOICE_LINE>	M				Closing tag for Invoice Line	</INVOICE_LINE>
</LINES>	M				Closing tag for Lines	</LINES>
<CONTROL>	M				Opening tag for Control	<CONTROL>
<SEQUENCE_NUMBER>	O	M	Integer	12	Sequence Number	<SEQUENCE_NUMBER>2</SEQUENCE_NUMBER>

XML Tag	M/O	Data M/O	Data Type	Length	Definition	Example
					<b>Note: the same sequence number must be used for every invoice in a batch</b>	
<LINES_INVOICED>	M	M	Integer	5	Number of lines in invoice	<LINES_INVOICED>1</LINES_INVOICED>
<TOTAL_QTY_ORDERED>	M	M	Decimal	3dp	Sum of all "QTY_ORDERED" in this invoice	<TOTAL_QTY_ORDERED>1</TOTAL_QTY_ORDERED>
<TOTAL_QTY_FOR_DELIVERY>	M	M	Decimal	3dp	Sum of all "QTY_FOR_DELIVERY" in this invoice	<TOTAL_QTY_FOR_DELIVERY>10</TOTAL_QTY_FOR_DELIVERY>
</CONTROL>	M				Closing tag for Control	<CONTROL>
</INVOICE>	M				Closing tag for Invoice	</INVOICE>
</INVOICE_160>	M				Closing tag for Invoice	</INVOICE_160>

## 1.21 MSG – XML Order Message; Rules and Guidelines

XML Tag	M/O	Data Type	Length	Definition	
<ORDER_MESSAGE_160>	M			Opening tag for Order Message	<b>&lt;ORDER_MESSAGE_160 partner="FOODSTUFFS" transaction="ORDERMESSAGE" version="1.60" timestamp="2020-06-30T16:45:00" document_mode="Live"&gt;</b>
Attribute: partner	M	String	Fixed	Partner will always be "FOODSTUFFS"	
Attribute: transaction	M	String	Fixed	Transaction will always be "ORDERMESSAGE"	
Attribute: version	M	Decimal	Fixed	Version will always be "1.60"	
Attribute: timestamp	M	Date Time	Fixed	Timestamp of the Statement Creation Note: must be in yyyy-mm-ddThh:mm:ss format	
Attribute: document_mode	M	String	Fixed	Live or Test	
<CUSTOMER>	M			Opening tag for Customer details	<b>&lt;CUSTOMER&gt;</b>
<COMPANY>	M			<b>Opening tag for Company details</b>	<b>&lt;COMPANY&gt;</b>
<NAME>	M	String	35	The Foodstuffs Store or Warehouse name	<b>&lt;NAME&gt;Papanui Distribution Centre&lt;/NAME&gt;</b>

XML Tag	M/O	Data Type	Length	Definition	
<ORG_ID>	M	Integer String	9,13 30	Foodstuffs Company ID	<ORG_ID OrgType="EAN_Prefix">789</ORG_ID>
Attribute: OrgType	M	String	20	Can be "EAN_Prefix", "GLN" or a custom alias. (Default is EAN_Prefix) If you intend using GLN, please use it consistently to identify Foodstuffs, Supplier and Distributor (if required.)	
<STREET_ADDRESS>	M			<b>Opening tag for Foodstuffs Company street address details</b>	<STREET_ADDRESS>
<ADDRESS1>	M	String	35	<b>Street Address line 1 Must contain the street number and street name</b>	<ADDRESS1>167 Main North Road</ADDRESS1>
<ADDRESS2>	O	String	35	Street Address line 2	<ADDRESS2>Papanui</ADDRESS2>
<ADDRESS3>	O	String	35	Street Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	String	35	<b>Street Address City</b>	<CITY>Christchurch</CITY>
<STATE>	O	String	35	Street Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	10	Street Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>

XML Tag	M/O	Data Type	Length	Definition	
<COUNTRY>	O	String	35	Street Address Country	<COUNTRY>Optional Data</COUNTRY>
</STREET_ADDRESS>	M			Closing tag for Foodstuffs Company street address details	</STREET_ADDRESS>
<POSTAL_ADDRESS>	M			Opening tag for Foodstuffs Company postal address details	<POSTAL_ADDRESS>
<ADDRESS1>	M	String	35	Postal Address line 1	<ADDRESS1>Private Bag 4705</ADDRESS1>
<ADDRESS2>	O	String	35	Postal Address line 2	<ADDRESS2>Optional Data</ADDRESS2>
<ADDRESS3>	O	String	35	Postal Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	String	35	Postal Address City	<CITY>Christchurch</CITY>
<STATE>	O	String	35	Postal Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	10	Postal Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	35	Postal Address Country	<COUNTRY>Optional Data</COUNTRY>
</POSTAL_ADDRESS>	M			Closing tag for Foodstuffs Company postal address details	</POSTAL_ADDRESS>
<PHONE>	O	String	20	Company Phone Number	<PHONE>Optional Data</PHONE>

XML Tag	M/O	Data Type	Length	Definition	
<FAX>	O	String	20	Company Fax Number	<FAX>Optional Data</FAX>
<CONTACT_PERSON>	O	String	100	Contact Person - Buyer or Supplier	<CONTACT_PERSON>Optional Data</CONTACT_PERSON>
<EMAIL>	O	String	100	Contact person's Email Address	<EMAIL>Optional Data</EMAIL>
</COMPANY>	M			Closing tag for Company details	</COMPANY>
<SUPPLIER_STORE_CODE>	O	String	50	Supplier Reference for the Foodstuffs Warehouse or Store One of SUPPLIER_STORE_CODE or STORE_OWNER_CODE is mandatory	<SUPPLIER_STORE_CODE>Optional Data</SUPPLIER_STORE_CODE>
<STORE_OWNER_CODE>	M	Digit	6	Foodstuffs Store Membership No or Warehouse No One of SUPPLIER_STORE_CODE or STORE_OWNER_CODE is mandatory	<STORE_OWNER_CODE>111</STORE_OWNER_CODE>
</CUSTOMER>	M			Closing tag for Customer details	</CUSTOMER>
<SUPPLIER>	M			Opening tag for Supplier details	<SUPPLIER>

XML Tag	M/O	Data Type	Length	Definition	
<COMPANY>	M			Opening tag for Supplier Company details	<COMPANY>
<NAME>	M	String	35	Trading name of Supplier	<NAME>Supplier Name</NAME>
<ORG_ID>	M	Integer String	9,13 30	Numerical identifier for the entity. Either eXchange account number or GLN if GLN alias is defined	<ORG_ID OrgType="EAN_Prefix">789</ORG_ID> or <ORG_ID OrgType="GLN_Code">9429000008990</ORG_ID>
Attribute: OrgType	M	String	20	Can be "EAN_Prefix", "GLN" or a custom alias. (Default is EAN_Prefix) If you intend using GLN, please use it consistently to identify Foodstuffs, Supplier and Distributor (if required.)	
<STREET_ADDRESS>	M			Opening tag for Supplier street address details	<STREET_ADDRESS>
<ADDRESS1>	M	String	35	<b>Street Address line 1 Must contain the street number and street name</b>	<ADDRESS1>123 Anywhere St</ADDRESS1>
<ADDRESS2>	O	String	35	Street Address line 2	<ADDRESS2>CHRISTCHURCH</ADDRESS2>

XML Tag	M/O	Data Type	Length	Definition	
<ADDRESS3>	O	String	35	Street Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	String	35	Street Address City	<CITY>Optional Data</CITY>
<STATE>	O	String	35	Street Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	10	Street Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	35	Street Address Country	<COUNTRY>Optional Data</COUNTRY>
</STREET_ADDRESS>	M			Closing tag for Supplier street address details	</STREET_ADDRESS>
<POSTAL_ADDRESS>	M			Opening tag for Supplier postal address details	<POSTAL_ADDRESS>
<ADDRESS1>	M	String	35	Postal Address line 1	<ADDRESS1>Private Bag 123</ADDRESS1>
<ADDRESS2>	O	String	35	Postal Address line 2	<ADDRESS2>Christchurch</ADDRESS2>
<ADDRESS3>	O	String	35	Postal Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	String	35	Postal Address City	<CITY>Optional Data</CITY>
<STATE>	O	String	35	Postal Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	10	Postal Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	35	Postal Address Country	<COUNTRY>Optional Data</COUNTRY>
</POSTAL_ADDRESS>	M			Closing tag for Company postal address details	</POSTAL_ADDRESS>

XML Tag	M/O	Data Type	Length	Definition	
<PHONE>	O	String	20	Company Phone Number	<PHONE>03 333 4444</PHONE>
<FAX>	O	String	20	Company Fax Number	<FAX>Optional Data</FAX>
<CONTACT_PERSON>	O	String	100	Contact Person - Buyer or Supplier	<CONTACT_PERSON>Optional Data</CONTACT_PERSON>
<EMAIL>	O	String	100	Contact person's Email Address	<EMAIL>Optional Data</EMAIL>
</COMPANY>	M			Closing tag for Company details	</COMPANY>
<SUPPLIER_INTERNAL_CODE>	O	String	50	Supplier's reference code for themselves	<SUPPLIER_INTERNAL_CODE>Optional Data</SUPPLIER_INTERNAL_CODE>
<FOODSTUFFS_SUPPLIER_CODE >	O	Digit	10	Foodstuffs reference code for the Supplier	<FOODSTUFFS_SUPPLIER_CODE>11111</FOODSTUFFS_SUPPLIER_CODE >
</SUPPLIER>	M			Closing tag for Supplier details	</SUPPLIER>
<DISTRIBUTOR>	O			Opening tag for Distributor details (if applicable). Only used when a Distributor relationship is configured, otherwise will be omitted.	<DISTRIBUTOR>
<COMPANY>	M				<COMPANY>

XML Tag	M/O	Data Type	Length	Definition	
<NAME>	M	String	35	The Foodstuffs Store or Warehouse name / The Supplier or Distributor Name  Note: If the document contains multiple invoices this section should contain the Foodstuffs Company details in the Customer segment.	<NAME>Supplier Name</NAME>
<ORG_ID>	M	Integer String	9,13 30	<b>Numerical identifier for the entity. Either eXchange account number or GLN if GLN alias is defined</b>	<ORG_ID OrgType="EAN_Prefix">1122334</ORG_ID>
Attribute: OrgType	M	String	20	Can be "EAN_Prefix", "GLN_Code" or a custom alias	
<STREET_ADDRESS>	M			Opening tag for Company street address details	<STREET_ADDRESS>
<ADDRESS1>	M	String	35	<b>Street Address line 1 Must contain the street number and street name</b>	<ADDRESS1>123 Anywhere St</ADDRESS1>
<ADDRESS2>	O	String	35	Street Address line 2	<ADDRESS2>CHRISTCHURCH</ADDRESS2>

XML Tag	M/O	Data Type	Length	Definition	
<ADDRESS3>	O	String	35	Street Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	String	35	Street Address City	<CITY>Optional Data</CITY>
<STATE>	O	String	35	Street Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	10	Street Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	35	Street Address Country	<COUNTRY>Optional Data</COUNTRY>
</STREET_ADDRESS>	M			Closing tag for Company street address details	</STREET_ADDRESS>
<POSTAL_ADDRESS>	M			Opening tag for Company postal address details	<POSTAL_ADDRESS>
<ADDRESS1>	M	String	35	Postal Address line 1	<ADDRESS1>Private Bag 123</ADDRESS1>
<ADDRESS2>	O	String	35	Postal Address line 2	<ADDRESS2>Christchurch</ADDRESS2>
<ADDRESS3>	O	String	35	Postal Address line 3	<ADDRESS3>Optional Data</ADDRESS3>
<CITY>	M	String	35	Postal Address City	<CITY>Optional Data</CITY>
<STATE>	O	String	35	Postal Address State	<STATE>Optional Data</STATE>
<POSTAL_CODE>	O	String	10	Postal Address Postal Code	<POSTAL_CODE>Optional Data</POSTAL_CODE>
<COUNTRY>	O	String	35	Postal Address Country	<COUNTRY>Optional Data</COUNTRY>
</POSTAL_ADDRESS>	M			Closing tag for Company postal address details	</POSTAL_ADDRESS>

XML Tag	M/O	Data Type	Length	Definition	
<PHONE>	O	String	20	Company Phone Number	<PHONE>03 333 4444</PHONE>
<FAX>	O	String	20	Company Fax Number	<FAX>Optional Data</FAX>
<CONTACT_PERSON>	O	String	100	Contact Person - Buyer or Supplier	<CONTACT_PERSON>Optional Data</CONTACT_PERSON>
<EMAIL>	O	String	100	Contact person's Email Address	<EMAIL>Optional Data</EMAIL>
</COMPANY>	M			Closing tag for Company details	</COMPANY>
</DISTRIBUTOR>	O			Closing tag for Distributor details	<DISTRIBUTOR>
<DETAILS>	M			Opening tag for Order Message Details	<DETAILS>
<ORDER_NUM>	M	String	12	Order number.	<ORDER_NUM>4521356602</ORDER_NUM>
<ORDER_DATE>	M	Date Time		Date of the order (yyyy-mm-ddThh:mm:ss).	<ORDER_DATE>2020-09-25T05:01:28</ORDER_DATE>
<STATUS>	M	String		Status of the order. Must be one of: New, Received, Acknowledged, Rejected, Split, Confirmed, Archived, Deleted, Faxed.	<STATUS>Rejected</STATUS>

XML Tag	M/O	Data Type	Length	Definition	
<REJECTION_REASON>	O	String	50	If the order is rejected, then this represents the reason of rejection. Must be either "Incorrect pricing", "Below minimum order quantity", "Insufficient stock", "Incorrect order unom's", "No ordered items available", "Other".	<REJECTION_REASON>Other</REJECTION_REASON>
<EXPECTED_DELIVER_DATE>	O	Date		Expected date for delivery (yyyy-MM-dd).	<EXPECTED_DELIVER_DATE>2020-10-05</EXPECTED_DELIVER_DATE>
<SPECIAL_INSTRUCTIONS>	O	String	350	Comment from the supplier to the customer. Must be populated with a rejection reason if "Other" is selected.	<SPECIAL_INSTRUCTIONS>Deleted Item - no longer available</SPECIAL_INSTRUCTIONS>
</DETAILS>	M			Closing tag for Order Message Details	</DETAILS>
<LINES>	O			Opening tag for Lines	<LINES>
<CUSTOMER_PRODUCT>	O	String	13	GS1 product number	<CUSTOMER_PRODUCT>2562548973569</CUSTOMER_PRODUCT>
<SUPPLIER_PRODUCT>	M	String	20	Supplier product number or valid GS1 13 barcode	<SUPPLIER_PRODUCT>2562568974568</SUPPLIER_PRODUCT>

XML Tag	M/O	Data Type	Length	Definition	
<BARCODE_PRODUCT>	O	String	14	Product GS1 14 shipper barcode or if not available the GS1 13 retail unit barcode is required	<BARCODE_PRODUCT>12562568974568</BARCODE_PRODUCT>
<PRODUCT_ID>	O	String	30	Retail Barcode-Carton Qty	<PRODUCT_ID>1231231231233-3</PRODUCT_ID>
<LINE_COMMENT>	M	String	350	Line comment, used for storing validation to process with returning ASNs	<LINE_COMMENT>Line comment here</LINE_COMMENT>
</LINES>	O			Closing tag for Lines	</LINES>
</ORDER_MESSAGE_160>	M			Closing tag for Order Message	</ORDER_MESSAGE_160>