

TOMBROWNS

**EDI
DOCUMENT
MAPPING
AND
TECHNICAL
GUIDE**

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1. EDIFACT STANDARD

Tom Brown has chosen to use the UN/EDIFACT standards as their method of transmitting and receiving all EDI documents including Purchase Orders.

1.1 Separators

The four service EANCOM separators used are as follows:

Apostrophe	'	Hex 27	Segment Terminator
Plus sign	+	Hex 2A	Segment Tag And Data Separator
Full Colon	:	Hex 3A	Component Data Element Separator
Question Mark	?	Hex 3F	Release Character

The Service Advice string otherwise known as the UNA segment is conditional. Tom Brown will expect a UNA segment in the format **UNA'+:?**, if this segment is not included in any file being transmitted to or from Tom Brown it will and must be implied. Tom Brown will not expect any variation to the UNA segment.

1.2 Format of Data Elements

- An Alphabetic-Numeric Characters where n is the maximum characters allowed, by default any trailing spaces are stripped prior to transmission.
- Nx.y Numeric characters where x is the whole digit maximum and y is the decimal maximum
- D10 Date field in the format YYYYMMDD where Month and Day Must be zero filled

Examples:

- A30 May be "A1234BD" or "A23456789012345678901234567890"
- N6.0 May be 123 or 123456
- N6 May be 123 or 123456
- N3.2 May be 123.1 or 12.24 or 10
- D10 20020804 being CCYYMMDD for 10/08/2002
- T4 0736 being HHMM for 07 am and 36 min

1.3 Data Indicators

- M Mandatory
- N Not Used
- C Conditional
- O Optional
- F Fixed

1.4 Tom Brown EDI Details

Global Location Address: TOMBROWNRET

3. Tom Brown Purchase Order – ORDERS

3.1 UNB Segment

Usage - Mandatory
 Max Use - 1
 Description - Start and Identify an Interchange

Segment	Name	Type	Description
1.1	Syntax Identifier	A4 – F	UNOA
1.2	Syntax Version	A1 – F	3
2.1	Sender Identifier	A13 – M	Tom Brown EDI GLN
2.2	Qualifier	A2 – F	ZZ
3.1	Receiver Identifier	A13 – M	Supplier EDI GLN
3.2	Qualifier	A2 – F	ZZ
4.1	Date Prepared	D10 – M	Date Interchange Was Prepared (YYMMDD)
4.2	Time Prepared	T4 – M	Time Interchange Was Prepared (HHMM)
5.1	Interchange Ref	N9 – M	Interchange Control Reference
9.1	Test Indicator	A1 – O	1 = Test Message (Blank being a Production Message)

Example:

**UNB+UNOA:3+TOMBROWNRET:ZZ+YOUREDIGLN:ZZ+070630:1211+000000101++++1
 - TEST**

**UNB+UNOA:3+TOMBROWNRET:ZZ+YOUREDIGLN:ZZ+070701:1230+000000102++++
 - LIVE**

3.2 UNH Segment

Usage - Mandatory
 Max Use - 1
 Description - Start and Identify a Message

Segment	Name	Type	Description
1.1	Message Reference	N9 – M	Message Reference Number
2.1	Message Type	A6 – F	ORDERS
2.2	Message Version	A1 – F	D
2.3	Message Release	A3 – F	96A
2.4	Controlling agency	A2 – F	UN
2.5	Assigned Code	A6 – F	EAN008

Example:

UNH+15+ORDERS:D:96A:UN:EAN008

3.3 BGM Segment

Usage - Mandatory
 Max Use - 1
 Description - Indicate the Type of Function

Segment	Name	Type	Description
1.1	Identifier	A3 – F	220 – Order
2.1	Order Number	A14 – M	Tom Brown Order Number
3.1	Order Type	A1 – F	9 - Original

Example:

BGM+220+1001+9

3.4 DTM Segment

Usage - Mandatory
 Max Use - 3
 Description - Specify Order Dates

Segment	Name	Type	Description
1.1	Identifier	A3 – F	137 – Order Date 64 – Earliest Delivery Date 63 – Latest Delivery Date
1.2	Date	D10 – M	Date Value
1.3	Date Qualifier	A3 – F	102 – Specifying Format CCYYMMDD

Example:

DTM+137:20070630:102 – Order Date

DTM+64:20070630:102 – Earliest Delivery Date

DTM+63:20070707:102 – Latest Delivery Date

3.5 NAD Segment

Usage - Mandatory
 Max Use - 3
 Description - Specify Buyer and Supplier Information

Segment	Name	Type	Description
1.1	Identifier	A2 – F	SU – Supplier ST – Ship To BY – Buyer
2.1	Party Identifier	A14 – M	Party Value
2.3	Qualifier	A2 – F	92

Example:

NAD+SU+001::92

NAD+ST+113::92

NAD+BY+113::92

3.6 LIN Segment

Usage - Mandatory
 Max Use - 200,000
 Description - Identify the Item Being Ordered

Segment	Name	Type	Description
1.1	Line Number	N6 – M	Count of Order Lines
3.1	EAN	A13 – N	Item Number EAN-13, EAN-8 or UPC-A
3.2	Qualifier	A2 – F	EN - International Article Numbering Association

Example:

LIN+1++9312345678907:EN

3.7 QTY Segment

Usage - Mandatory
 Max Use - 1 (for each LIN Segment)
 Description - Total Quantity Being Ordered Of This Item

Segment	Name	Type	Description
1.1	Qualifier	A2 – F	21 - Total Ordered Quantity
1.2	Value	N6.2 – M	Total Quantity Of Previous LIN Item

Example:

QTY+21:10

3.8 PRI Segment

Usage - Mandatory
 Max Use - 1 (for each LIN Segment)
 Description - Specify Price Information (Item Price)

Segment	Name	Type	Description
1.1	Identifier	A3 – F	NTP – Ex GST
1.2	Price Amount	N6.2 – M	Item Price Ex GST
1.5	Unit Price Basis	N6.2 – M	Unit Price Basis Value
1.6	Qualifier	A3 – M	Unit of Measure

Example:

PRI+NTP:100:::1:EA – Item Ex GST

3.9 LOC Segment

Usage - Mandatory
 Max Use - 9999 (for each LIN Segment)
 Description - Specify the Delivery Location

Segment	Name	Type	Description
1.1	Qualifier	A3 – F	7 – Place Of Delivery
2.1	Store Code	A10 – M	Tom Brown Store Code
2.3	Responsible Agency	A2 – F	92 – Assigned By Buyer

Example:

LOC+7+113:::92

3.10 QTY Segment

Usage - Mandatory
 Max Use - 9999 (for each LIN Segment)
 Description - Specify Quantity Being Ordered for Previous Delivery Location

Segment	Name	Type	Description
1.1	Qualifier	A2 – F	11 - Ordered Quantity
1.2	Value	N6.2 – M	Quantity

Example:

QTY+11:5 – Ordered for previous location

3.11 UNS Segment

Usage - Mandatory
 Max Use - 1
 Description - Separate Detail and Summary Sections

Segment	Name	Type	Description
1.1	Identifier	A1– F	S - Section Identifier

Example:

UNS+S

3.12 CNT Segment

Usage - Mandatory
 Max Use - 1
 Description - Message Control Totals

Segment	Name	Type	Description
1.1	Qualifier	A1 – F	2 -Total Number of LIN Segments In This Message
1.2	Value	N6 - M	Actual LIN Segment Count

Example:

CNT+2:2

3.13 UNT Segment

Usage - Mandatory
 Max Use - 1
 Description - Message Trailer

Segment	Name	Type	Description
1.1	Segment Count	N6 – M	Total Number Of Segments In This Message
2.1	Message Reference	N9 - M	Message Reference Number as per UNH Segment

Example:

UNT+15+1

3.14 UNZ Segment

Usage - Mandatory

Max Use - 1

Description - Interchange Trailer

Segment	Name	Type	Description
1.1	Message Count	N6 – M	Total Number Of Messages In This Interchange
2.1	Interchange Ref	N9 - M	Interchange Control Reference as per UNB Segment

Example:

UNZ+1+101