

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 Functional Acknowledgement – CONTRL

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 for Invoice Acknowledgement Supplier EDI GLN for Order Acknowledgement
2.2	Qualifier	A2 – F	ZZ
3.1	Receiver Identifier	A13 – M	Supplier EDI GLN for Invoice Acknowledgement Tom Brown EDI GLN for Order Acknowledgement
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

Example:

UNB+UNOA:3+TOMBROWNRET:ZZ+YOUREDIGLN:ZZ+070630:1211+000000101 – Invoice Ack

UNB+UNOA:3+YOUREDIGLN:ZZ+TOMBROWNRET:ZZ+070701:1230+000000102 – Order Ack

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	CONTRL
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	EAN002

Example:

UNH+10012+CONTRL:D:96A:UN:EAN002

3.3 UCI Segment

Usage - Mandatory

Max Use - 1

Description - To Identify Acknowledgement or Rejection of a Message

Segment	Name	Type	Description
1.1	Message Reference	N9 – M	Message Reference Number
2.1	Partner Identifier	A13 – M	Original Interchange Partner EDI Address/GLN
2.2	Qualifier	A2 – F	14
3.1	Receiver Identifier	A13 – M	Original Interchange Receiver EDI Address/GLN
3.2	Qualifier	A2 – F	14
4.1	Action Taken	A1 – F	6 – UNB/UNZ Rejected 8 – Transmission Accepted

Example:

UCI+134+TOMBROWNRET:14+YOUREDIGLN:14+8

3.4 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+10012

3.5 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