

TOMBROWNS

**EDI
DOCUMENT
MAPPING
AND
TECHNICAL
GUIDE**

TABLE OF CONTENTS

1.	EDIFACT STANDARD	3
1.1	SEPARATORS	3
1.2	FORMAT OF DATA ELEMENTS	3
1.3	DATA INDICATORS	3
1.4	TOM BROWN EDI DETAILS	3
2.	CHANGE CONTROL REVISIONS	4
3.	TOM BROWN INVOICE – INVOIC	5
3.1	UNB SEGMENT	5
3.2	UNH SEGMENT	5
3.3	BGM SEGMENT	6
3.4	DTM SEGMENT	6
3.5	RFF SEGMENT	6
3.6	RFF SEGMENT	6
3.7	NAD SEGMENT	7
3.8	LIN SEGMENT	7
3.9	QTY SEGMENT	7
3.10	MOA SEGMENT	8
3.11	PRI SEGMENT	8
3.12	TAX SEGMENT	8
3.13	MOA SEGMENT	8
3.14	UNS SEGMENT	9
3.15	CNT SEGMENT	9
3.16	MOA SEGMENT	9
3.17	TAX SEGMENT	9
3.18	MOA SEGMENT	10
3.19	UNT SEGMENT	10
3.20	UNZ SEGMENT	10

1. EDIFACT STANDARD

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

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 Invoice – INVOIC

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	Supplier EDI GLN
2.2	Qualifier	A2 – F	ZZ
3.1	Receiver Identifier	A13 – M	Tom Brown 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+YOUREDIGLN:ZZ+TOMBROWNRET:ZZ+070630:1211+000000101++++1
 - TEST**

**UNB+UNOA:3+YOUREDIGLN:ZZ+TOMBROWNRET: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	INVOIC
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+1+INVOIC: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	388 – Tax Invoice
2.1	Invoice Number	A14 – M	Tom Brown Invoice Number
3.1	Invoice Type	A1 – F	9 - Original

Example:

BGM+388+1010+9

3.4 DTM Segment

Usage - Mandatory
 Max Use - 2
 Description - Specify Invoice Dates

Segment	Name	Type	Description
1.1	Identifier	A3 – F	137 – Invoice Date 35 – Actual Delivery Date
1.2	Date	D10 – M	Date Value
1.3	Date Qualifier	A3 – F	102 – Specifying Format CCYYMMDD

Example:

DTM+137:20070630:102 – Invoice Date

DTM+35:20070610:102 – Actual Delivery Date

3.5 RFF Segment

Usage - Mandatory
 Max Use - 1
 Description - Specify Order Reference

Segment	Name	Type	Description
1.1	Identifier	A3 – F	ON – Order Number
1.2	Order Number Value	A22 – M	Order Number

Example:

RFF+ON:1122 – Order Number

3.6 RFF Segment

Usage - Optional
 Max Use - 1
 Description - Specify ABN Reference

Segment	Name	Type	Description
1.1	Identifier	A3 – F	VA – ABN Number
1.2	ABN Number Value	A22 – M	ABN Number

Example:

RFF+VA:10987654321 – Supplier ABN

3.7 NAD Segment

Usage - Mandatory
 Max Use - 1
 Description - Specify Buyer Information

Segment	Name	Type	Description
1.1	Identifier	A2 – F	BY – Buyer
2.1	Party Identifier	A14 – M	Buyer
2.3	Qualifier	A2 – F	92

Example:

NAD+BY+105::92 – Buyer Information

3.8 LIN Segment

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

Segment	Name	Type	Description
1.1	Line Number	N6 – M	Count of Invoice 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

3.9 QTY Segment

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

Segment	Name	Type	Description
1.1	Qualifier	A2 – F	47 - Total Invoiced Quantity
1.2	Value	N6.2 – M	Total Quantity Of Previous LIN Item

Example:

QTY+47:10

3.10 MOA Segment

Usage - Mandatory
 Max Use - 2 (for each LIN Segment)
 Description - Specify Monetary Amounts (Line Amount)

Segment	Name	Type	Description
1.1	Identifier	A3 – F	38– Item Line Amount Inc GST 128 – Item Line Amount Ex GST
1.2	Monetary Amount	N6.2 – M	Monetary Line Amount

Example:

MOA+38:14.85 – Line Inc GST
MOA+128:13.50 – Line Ex GST

3.11 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	AAA – Ex GST
1.2	Price Amount	N6.2 – M	Item Price Ex GST
1.3	Price Type Code	A3 – F	CA – Catalogue CT – Contract

Example:

PRI+AAA:1.35:CA – Item Ex GST

3.12 TAX Segment

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

Segment	Name	Type	Description
1.1	Qualifier	A3 – F	7 - Tax
2.1	Tax Code	A3 – F	GST – Goods And Services Tax
5.4	Tax Rate	N6.2 – M	10.0

Example:

TAX+7+GST+++:::10.0

3.13 MOA Segment

Usage - Mandatory
 Max Use - 1 (for each LIN Segment)
 Description - Specify Monetary Amounts (Line GST Amount)

Segment	Name	Type	Description
1.1	Identifier	A3 – F	124 – Tax Amount
1.2	Monetary Amount	N6.2 – M	Monetary Line GST Amount

Example:

MOA+124:1.35 – Line GST

3.14 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

3.15 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

3.16 MOA Segment

Usage - Mandatory
 Max Use - 2
 Description - Specify Monetary Amounts (Totals)

Segment	Name	Type	Description
1.1	Identifier	A3 – F	77 – Total Amount Inc GST 128 – Total Amount Ex GST
1.2	Monetary Amount	N6.2 – M	Monetary Amount

Example:

MOA+77:14.85 – Total Inc GST

MOA+128:13.50 – Total Ex GST

3.17 TAX Segment

Usage - Mandatory
 Max Use - 1
 Description - Specify Tax Information (Total)

Segment	Name	Type	Description
1.1	Qualifier	A3 – F	7 - Tax
2.1	Tax Code	A3 – F	GST – Goods And Services Tax
5.4	Tax Rate	N6.2 – M	10.0

Example:

TAX+7+GST+++:::10.0

3.18 MOA Segment

Usage - Mandatory
 Max Use - 1
 Description - Specify Monetary Amounts (Total)

Segment	Name	Type	Description
1.1	Identifier	A3 – F	124 – Total GST Amount
1.2	Monetary Amount	N6.2 – M	Monetary Amount

Example:

MOA+124:1.35 – Total GST

3.19 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

3.20 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