



EDI

DOCUMENT

MAPPING

AND

TECHNICAL

GUIDE

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1. EDIFACT STANDARD

Lincraft have chosen to use the UN/EDIFACT standards as their method of transmitting and receiving all EDI documents including Purchase Orders and Advanced Shipment Notices (Despatch Advice).

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. Lincraft will expect an UNA segment in the format **UNA'+:?**, if this segment is not included in any file being transmitted to or from Lincraft it will and must be implied.

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 Lincraft EDI Details

EDI Location Address - LINCEDI

1.5 Release Notes

LINCRAFT Purchase Order

2.1 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	Lincraft EDI Address LINCEDI
2.2	Qualifier	A2 – F	ZZ
3.1	Receiver Identifier	A13 – M	Supplier EDI Address
3.2	Qualifier	A2 – F	ZZ
4.1	Date Prepared	D10 – M	Date Interchange Was Prepared
4.2	Time Prepared	T4 – M	Time Interchange Was Prepared
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+LINCEDI:ZZ+YOUREDIADD:ZZ+120503:2245+000000700++++1 – Test
UNB+UNOA:3+LINCEDI:ZZ+YOUREDIADD:ZZ+111203:0830+000000721++++ – Production

2.2 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+10012+ORDERS:D:96A:UN:EAN008

2.3 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	A22 – M	LINCRAFT Order Number
3.1	Order Type	A2 – M	9 – Original

Example:

BGM+220+334434+9

2.4 DTM Segment

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

Segment	Name	Type	Description
1.1	Identifier	A3 – M	137 – Order Date 64 – Do Not Deliver Before 63 – Do Not Deliver After
1.2	Date	D10 – M	Date Value
1.3	Date Qualifier	A3 – F	102 – Specifying Format CCYYMMDD

Example:

DTM+137:20030507:102 - **Order Date**
DTM+64:20030507:102 - **Not Before**
DTM+63:20030516:102 - **Not After**

2.5 FTX Segment

Usage - Optional
 Max Use - 4
 Description - Specify Free Form Text/Comments For Order

Segment	Name	Type	Description
1.1	Identifier	A3 – F	PUR – Purchase Order Instruction
4.1	Text	A40 – M	Free Text Order Instruction

Example:

FTX+PUR+++ENSURE ALL PRODUCTS ARE CLEARLY MARKED

2.6 NAD Segment

Usage - Mandatory
 Max Use - 2
 Description - Specify Ship to And Supplier Information

Segment	Name	Type	Description
1.1	Identifier	A2 – F	SU – Supplier Number ST – Ship To Store Code
2.1	Value	A10 – M	Supplier Number or Ship To Store Code
2.3	Qualifier	A2 – F	92

Example:

NAD+SU+ 00905::92
NAD+ST+340::92

2.7 RFF Segment

Usage - Mandatory
 Max Use - 1
 Description - Lincraft Department Information

Segment	Name	Type	Description
1.1	Identifier	A2 – F	SD – Sales Department
1.2	Department	A15 – M	Department Name

Example:

RFF+SD:SOFT CRAFT

2.8 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 – M	Item Number EAN-13, EAN-8 or UPC-A
3.2	Qualifier	A2 – F	EN – International Article Numbering Association

Example:

LIN+1++9310001002226:EN

2.9 QTY Segment (Order Total)

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 Order Quantity
1.2	Value	N6.2 – M	Total Quantity Of Previous LIN Item

Example:

QTY+21:24

2.10 PRI Segment

Usage	-	Mandatory
Max Use	-	2 (for each LIN Segment)
Description	-	Identify Pricing for Item Being Ordered

Segment	Name	Type	Description
1.1	Qualifier	A3 – M	NTP – Wholesale Price Inclusive of GST RTP – Retail Price Inclusive of GST
1.2	Price	N6.3 – M	Price (For NTP this is the Invoice Price Inc GST)
1.5	Price Bases	N3 – O	Price Basis (Blank assumes 1)
1.6	Unit Of Measure	A3 – M	Unit Of Measure

Example:

PRI+NTP:16.25:::12:EA **Wholesale Price per 12 consumer unit is \$16.25**
PRI+RTP:35.00:::EA **Retail price per 1 consumer unit is \$35.00**

2.11 LOC Segment

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

Segment	Name	Type	Description
1.1	Qualifier	A1 – F	7 – Place Of Delivery
2.1	Store Code	A10 – M	Lincraft Store Code
2.3	Responsibility Code	A2 – F	92 – Assigned By Buyer

Example:

LOC+7+340::92

2.12 QTY Segment (Location)

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

Segment	Name	Type	Description
1.1	Qualifier	A2 – F	11 – Split Quantity
1.2	Quantity	N6.2 – M	Quantity On Order For Previous LOC Store

Example:

QTY+11:10

2.13 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

2.14 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+2:15

2.15 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+45+1

2.16 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+001000062

2. LINCRAFT Advanced Shipping Notice - DESADV

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 Address
2.2	Qualifier	A2 - F	ZZ
3.1	Receiver Identifier	A13 - M	Lincraft EDI Address LINCEDI
3.2	Qualifier	A2 - F	ZZ
4.1	Date Prepared	D10 - M	Date Interchange Was Prepared
4.2	Time Prepared	T4 - M	Time Interchange Was Prepared
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+ YOUREDIAADD:ZZ+ LINCEDI:ZZ+120503:2245+000000700++++1 - Test
UNB+UNOA:3+ YOUREDIAADD:ZZ+ LINCEDI:ZZ+111203:0830+000000721++++ - Production

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	DESADV
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	EAN005

Example:

UNH+1+DESADV:D:96A:UN:EAN005

3.3 BGM Segment

Usage - Mandatory
 Max Use - 1
 Description - Message Identification

Segment	Name	Type	Description
1.1	Document Identifier	A3 – F	351 – Despatch Advice
2.1	Document Number	A15 – M	Despatch Advice (ASN) Number
3.1	Message Function	A1 - F	9 – Original

Example:

BGM+351+DES587441+9

3.4 DTM Segment (Document Level)

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

Segment	Name	Type	Description
1.1	Identifier	A3 – M	137 – Document Creation Date 11 – Actual Despatch Date 17 – Estimated Delivery Date
1.2	Date	D10 – M	Date Value
1.3	Date Qualifier	A3 – F	102 – Specifying Format CCYYMMDD

Example:

DTM+137:20030507:102 - ASN Date
DTM+11:20030507:102 - Despatched On This Date
DTM+17:20030509:102 - Expected To Be Delivered On This Date

3.5 RFF Segment

Usage - Mandatory
 Max Use - 1
 Description - Transaction Reference Details

Segment	Name	Type	Description
1.1	Identifier	A2 – F	ON – Lincraft Order Number CN – Consignment Note
1.2	Order Number	A22 – M	Lincraft Order Number Relating To This ASN or Consignment Note Number

Example:

RFF+ON:8876565
RFF+CN:AEXP-09887865

3.6 DTM Segment (Order Level)

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

Segment	Name	Type	Description
1.1	Identifier	A3 – F	171 – Lincraft Order Date
1.2	Date	D10 – M	Date Value
1.3	Date Qualifier	A3 – F	102 – Specifying Format CCYYMMDD

Example:

DTM+137:20030507:102 - ASN Date

3.7 NAD Segment

Usage - Mandatory
 Max Use - 2
 Description - Specify Ship to And Supplier Information

Segment	Name	Type	Description
1.1	Identifier	A2 – F	SU – Supplier Number ST – Ship To Store Code
2.1	Value	A10 – M	Supplier Number or Ship To Store Code
2.3	Qualifier	A2 – F	92

Example:

NAD+SU+ 00905::92

NAD+ST+340::92

3.8 CPS Segment

Usage - Mandatory
 Max Use - 9999
 Description - Consignment Packing Sequence

Segment	Name	Type	Description
1.1	ID Number	N12 – M	Hierarchical ID number
2.1	Parent Number	N12 – O	Parent ID Number
3.1	Level Number	N12 – O	Packaging Level Number 1 – Inner Level 2 – Intermediate Level 3 – Outmost Level

Example:

CPS+1 - Shipment Level CPS Segment

CPS+2+1+3 - First Package Within The Shipment CPS Segment

3.9 PAC Segment

Usage	-	Mandatory
Max Use	-	1
Description	-	Total Packages and Type for Hierarchical Level

Segment	Name	Type	Description
1.1	Number Of Packages	N12 – M	Number Of Packages For This Level
3.1	Package Type	A2 – M	Package Type PK Package BG Bag CT Carton

Example:

PAC+8++CT 8 cartons

PAC+2++CT 2 Bags

3.10 PCI Segment

Usage	-	Mandatory
Max Use	-	1
Description	-	Package Identification

Segment	Name	Type	Description
1.1	Marking Instruction	A3 – F	33E – Marked With Serial Shipping Container Code

Example:

PCI+33E

3.11 GIN Segment

Usage	-	Mandatory
Max Use	-	1
Description	-	Goods identity number

Segment	Name	Type	Description
1.1	Qualifier	A2 – F	BJ – Serial Shipping Container Code
2.1	Identity Number	N20 – M	The SSCC Allocated To The Package

Example:

GIN+BJ+ 0039316488010000229

3.12 LIN Segment

Usage - Mandatory
 Max Use - 1
 Description -

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

Example:

LIN+1++9310063010009:EN

3.13 QTY Segment

Usage - Mandatory
 Max Use - 1
 Description -

Segment	Name	Type	Description
1.1	Qualifier	A2 – F	12 – Quantity Identifier
1.2	Qty Shipped	N6.2 – M	Actual Quantity Shipped

Example:

QTY+12:400

3.14 LOC Segment

Usage - Mandatory
 Max Use - 1
 Description -

Segment	Name	Type	Description
1.1	Qualifier	A1 – F	7 – Place Of Delivery
2.1	Store Code	A10 – M	Lincraft Store Code
2.3	Responsibility Code	A2 – F	92 – Assigned By Buyer

Example:

LOC+7+2101::92

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+2:15

3.16 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+45+1

3.17 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+001000062

LINCRAFT Functional Acknowledgments - CONTRL

4.1 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	Lincraft EDI Address LINCEDI for ASN Acknowledgment Supplier EDI Address for Order Acknowledgment
2.2	Qualifier	A2 – F	ZZ
3.1	Receiver Identifier	A13 – M	Lincraft EDI Address LINCEDI for ASN Acknowledgment Supplier EDI Address for Order Acknowledgment
3.2	Qualifier	A2 – F	ZZ
4.1	Date Prepared	D10 – M	Date Message Was Prepared
4.2	Time Prepared	T4 – M	Time Message Was Prepared
5.1	Interchange Ref	N9 – M	Interchange Control Reference

Example:

UNB+UNOA:3+LINCEDI:ZZ+YOUREDIADD:ZZ+120503:2245+000000700 – ASN Ack
UNB+UNOA:3+ YOUREDIADD:ZZ+ LINCEDI:ZZ+111203:0830+000000721 – Order Ack

4.2 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

4.3 UCI Segment

Usage	-	Mandatory
Max Use	-	1
Description	-	To Identify Acknowledgment or Rejection of a Message

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

Example:

UCI+134+LINCEDI:14+YOUREDIAADD:14+8

4.4 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+45+1

4.5 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+001000062