CUSEXP Message Implementation Guide for
Information Exchange Scheme for Air Cargo (ISAC)

Issued By	:	Hactl – General Manager – Information Services and Operation Development
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Revision History

Version	Date	Section	Description of the revision
2.0	19-Aug-97	4	Business scenario are updated for COIN.
	19-Aug-97	7.10, 7.16	If element 1154 of section 7.16 is a non-IATA Air Waybill, the element 8028 of section 7.10 must be supplied.
	19-Aug-97	13.2	New error messages #25, #31, #32 are added.
	15-Oct-97	7.19	element 1004 has a maximum length of 12 characters
	15-Oct-97	4	Business scenario for unrecognized messages.
3.0	30-Oct-97	7.25	Change the element 7085 as required by COSAC.
	30-Oct-97	7.27	Change the element 7064 and 7077 as required by COSAC.
	30-Oct-97	13.1	The number of house updated and remained in the system are shown in the reply message.
	30-Oct-97	13.2	Only CUSEXP error messages are included and they are classified into master level, house level, and other. The fisrt two classes are supplemented with AWB or HWB ID.
	30-Oct-97	7.5, 7.6, 7.21-23, 7.26, 7.32, 7.38	Maximum field lengths or values are shown.
3.1	27-Nov-97	7.24, 10.	A new value of the element Name and Address (NAD) was added: 'NI'= Notify Party. Message sample was updated.
	27-Nov-97	13.2	New error message #9 (House Level Error) is added for notify party enhancement.
3.2	17-Dec-97	13.2	New error message #13 was added to other message errors.
3.3	24-Feb-98	11.5, 13.1	More information were included in the response message for successful message submission.
3.4	24-Dec-98	7.24	Change the city and country code to required fields. Change the party address line 3 to non-required fields.
	01-Jan-99	10	Sample message was updated for the new declared values.
	01-Jan-99	7.32	Add qualifiers for declared value for Carriage and Insurance
	01-Jan-99	13.2	Add error message #10, #11 and #12 to the house level errors.
3.5	21-Apr-99	7.24	Meaning of element 3207 - ISO Code was changed to 2-Letter ISO Code.
	21-Apr-99	13.2	New error message #13 and #14 on house level were added for invalid format of house waybill number.
	30-Apr-99	13.2	Clarify the field restriction of weight which is greater than or equal to 0.1 instead of greater than 0. The error message #2 and #4 of AWB and HWB were changed respectively.
	14-May-99	7.19	Clarify the field restriction of element 1004 - HWB number contains a maximum of 18 characters and without space. It must be in capital letter.
3.6	14-Oct-99	11.4	The IEMFMA message was enhanced to include more information.
	20-Oct-99	7.38	The length of the licence number would be extended from 12 to 20 characters. (Effective 22 February 2000)
3.7	10-Feb-2000	7.22, 10.	The definition of house waybill weight is changed from chargeable weight to gross weight according to the import and export ordinance. Sample message updated.
	10-Feb-2000	7.38	The effective date of licence number extension is changed

			to 28 March 2000.
3.8	15-Aug-2000	13.2, 16	Other error messages in section 13.2 were updated. The URL of the reference web site was updated.
3.9	17-Sep-2001	13.2	Original Master level error message #5 and #6 were deleted. House level error message #16 was added.
4.0	20-Oct-2005	5 7.24 7.26 7.32 7.41, 7.42 13.2	Segment CST and FTX in Segment Group 15 is applied. The optional field of Contact Detail of consignee, consignor and notify party is enabled. The city name is shorten to 17 characters. The optional State/Province field is enabled. The optional fields of special handling code are enabled. The typo mistake of the length of Manifest Description of Goods is rectified from 30 to 70 characters. The optional declaration for prepaid/collect is enabled. The optional field of free text description of goods is enabled. House level error message is updated.
4.1	15-Aug-2008	7.21 10 13.2	Added a new type “1” for SLAC in Control Qualifier in CNT segement of Group 7 Revised the Sample Express Consignment Manifest Message to demonstrate the changes in Section 7.21 New House level error message is added for ‘SLAC’

1. INTRODUCTION

1.1 Conventions, Standards, and Guidelines

The terms conventions, standards, and guideline are used in this document are defined as follows:-

Standards are the technical documentation approved by UN/EDIFACT. Standards provide the framework for how a specific EDI message will be formatted for transmission.

Conventions are the common practices and/or interpretations of the use of UN/EDIFACT standards specific to a particular implementation amongst participating trading partners. Conventions define how trading partners will use the standards for their mutual needs.

The Message Implementation **Guideline** provides instruction on the use of EDI. It provides additional information to assist in conducting EDI within a group of participating trading partners.. The Guideline is intended to provide assistance in specific implementations and to ease the replication of implementations across multiple trading partners. The guideline includes implementation notes that help explain how trading partners will use the standards for each convention. For convenience, they are clearly marked and placed throughout the convention at the appropriate points. Implementation notes are the bridge from the standards to the convention.

1.2 Who Develops the Conventions?

Conventions result from a joint effort by business, technical, and UN/EDIFACT standards experts. After defining the business data requirement, a set of UNSM 's (United Nations Standard Message) are selected to provide a business scenario that best matches the overall business purpose. Each UNSM must then be tailored for that specific business' use by "mapping" each data requirement to a corresponding data element within the UNSM. The convention should be available before starting any computer EDI systems development work and serves as a requirements specification document for that development and implementation process.

1.3 Why Use a Convention?

To create a UN/EDIFACT message, a user must know the data requirements, understand the UN/EDIFACT standard, and be able to use that information to develop interfaces between the computer application and the UN/EDIFACT messages (usually via a translator). The convention document provides the information necessary for this to take place. Trading partners using the same convention will ensure that their messages are understood at the translation point.

1.4 Who Needs a Convention?

Wherever EDI is to be implemented there is a requirement for conventions to be specified relevant to the participating companies. These conventions need to be agreed by the participants in business terms to ensure that all the participants interests are met.

Eventually system analysts and application programmers who create or read EDIFACT messages use a convention to aid in interface software design. The convention helps the programmer and analyst identify where their application data requirement should be carried in a UN/EDIFACT message.

2. THE CUSEXP MESSAGE IMPLEMENTATION GUIDE

This Message Implementation Guide (MIG) is a specification for the CUSEXP EDI message that forms part EDI solution between airfreight agents and HACTL. Other EDI messages incorporated in that solution - IEMFMA and IEMFNA are the subject of separate MIGs.
The purpose is to assist the CLG to implement UN/EDIFACT standard messages to transmit manifest data.

This message is a subset of the United Nations Standard Message (UNSM) :

Customs Express Consignment Manifest Message CUSEXP D95A

This edition of the CUSEXP MIG provides a detailed specification for use above message implementation. The message was developed to conform to the Customs Co-operation Council Guidelines for the use of UN/EDIFACT messages dated 1st. January 1994.

The target country for this MIG is HongKong for the import or export of goods. Therefore it also conforms to the import/export requirements of HongKong Customs as interpreted by CLG.

3. REFERENCES

The following UN/EDIFACT documents are referenced in this MIG and provide detailed definitions of the message used.

United Nations Trade Data Element Directory D95A. This directory include :

- UN/EDIFACT Data Elements Directory (EDED)
- UN/EDIFACT Code List (EDCL, a list of all code sets associated with coded data elements
- UN/EDIFACT Composite Data Elements Directory (EDCD), with their component data elements
- UN/EDIFACT Standard Segments Directory (EDSD), which contains a full description of all standard segments used in United Nations Standard Messages
- UN/EDIFACT Directory of UNSMs (EDMD), which contains a full description of all United Nations Standard Message types

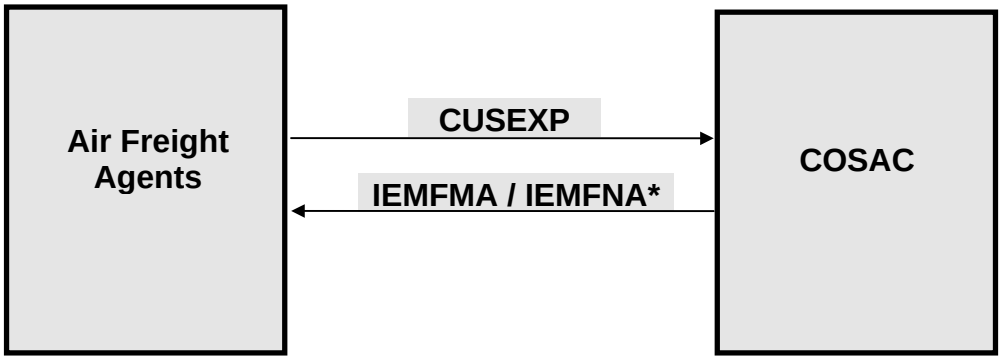
4. MESSAGE FLOW - CONVENTIONS FOR USE

The function of the CUSEXP message defined is to transmit flight manifest details to COSAC. It has been defined in the context of the following business scenario for cargo reporting and customs clearance. The CUSEXP message in this scenario is used primarily to report cargo related to a flight manifest from the air express courier and allow identification by HACTL.

This MIG assumes that :-

- HACTL responses to the cargo report use the UN/EDIFACT IEMFMA and IEMFNA messages.

Business scenario -

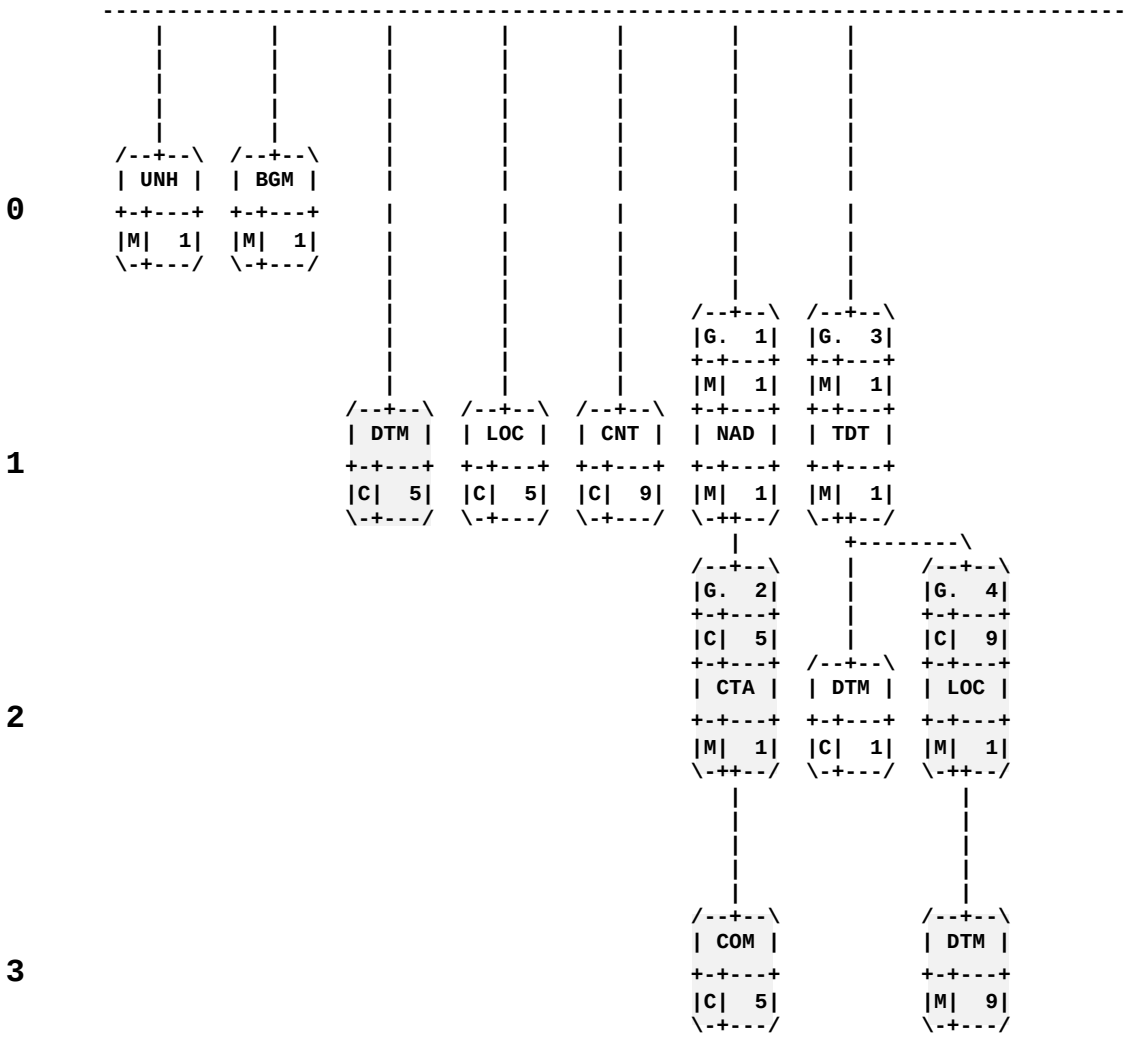


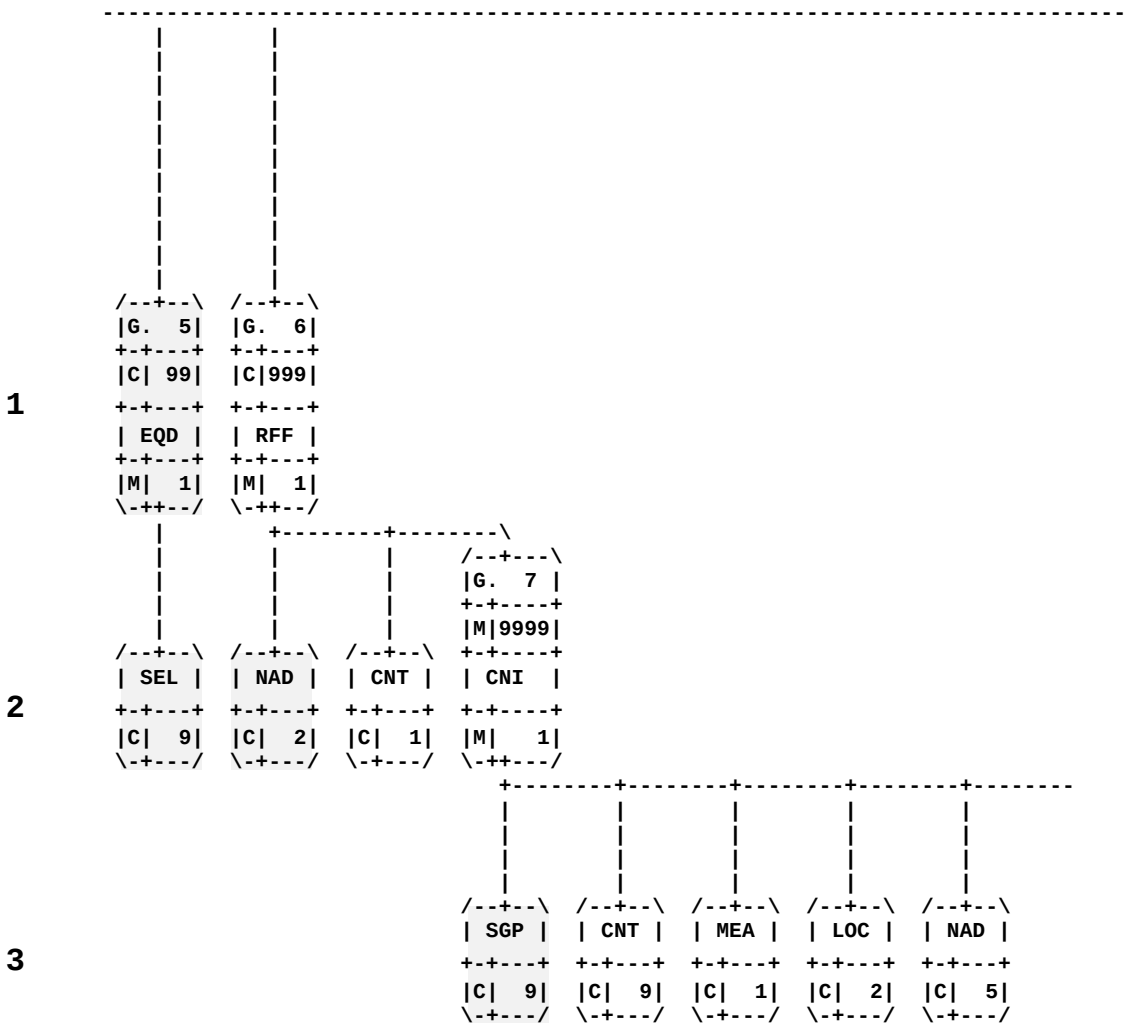
* If transmitted through hactl.com, a on-screen acknowledgement/error message will replace the IEMFMA/IEMFNA message.

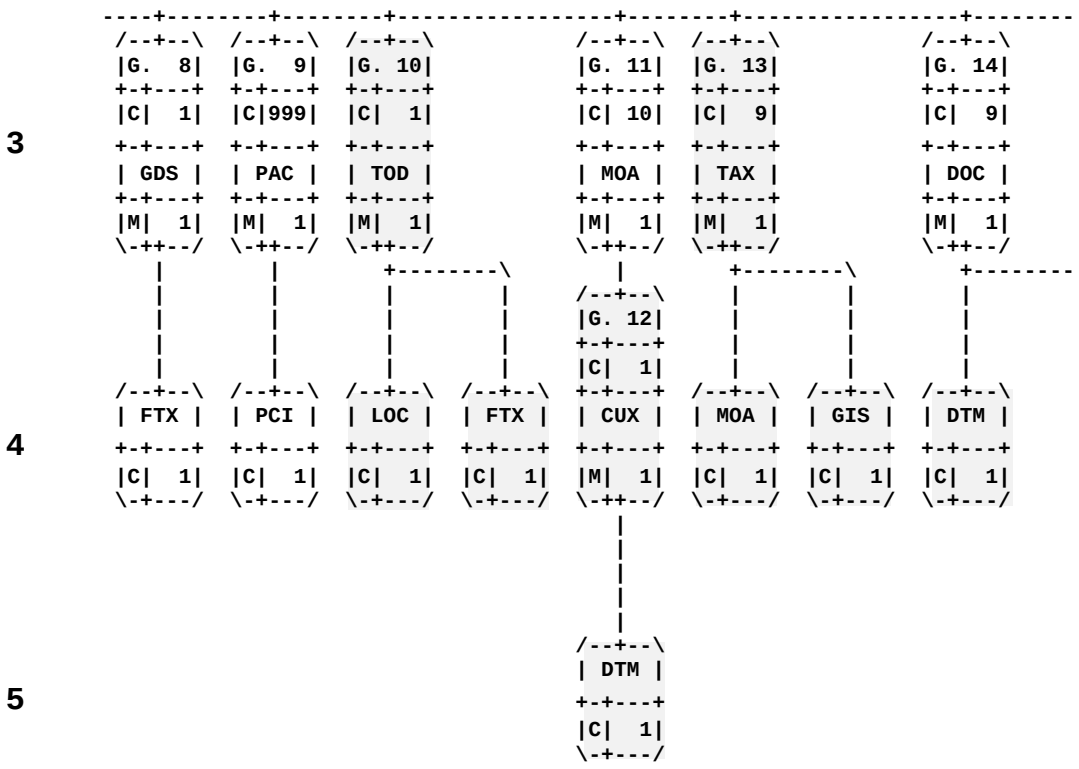
In case a message cannot be recognised by COSAC, a CONTRL message will be replied to the originated system to indicate the severe error. Please refer to IATA CARGO-FACT Message Manual (1st Edition) for the syntax of the CONTRL message.

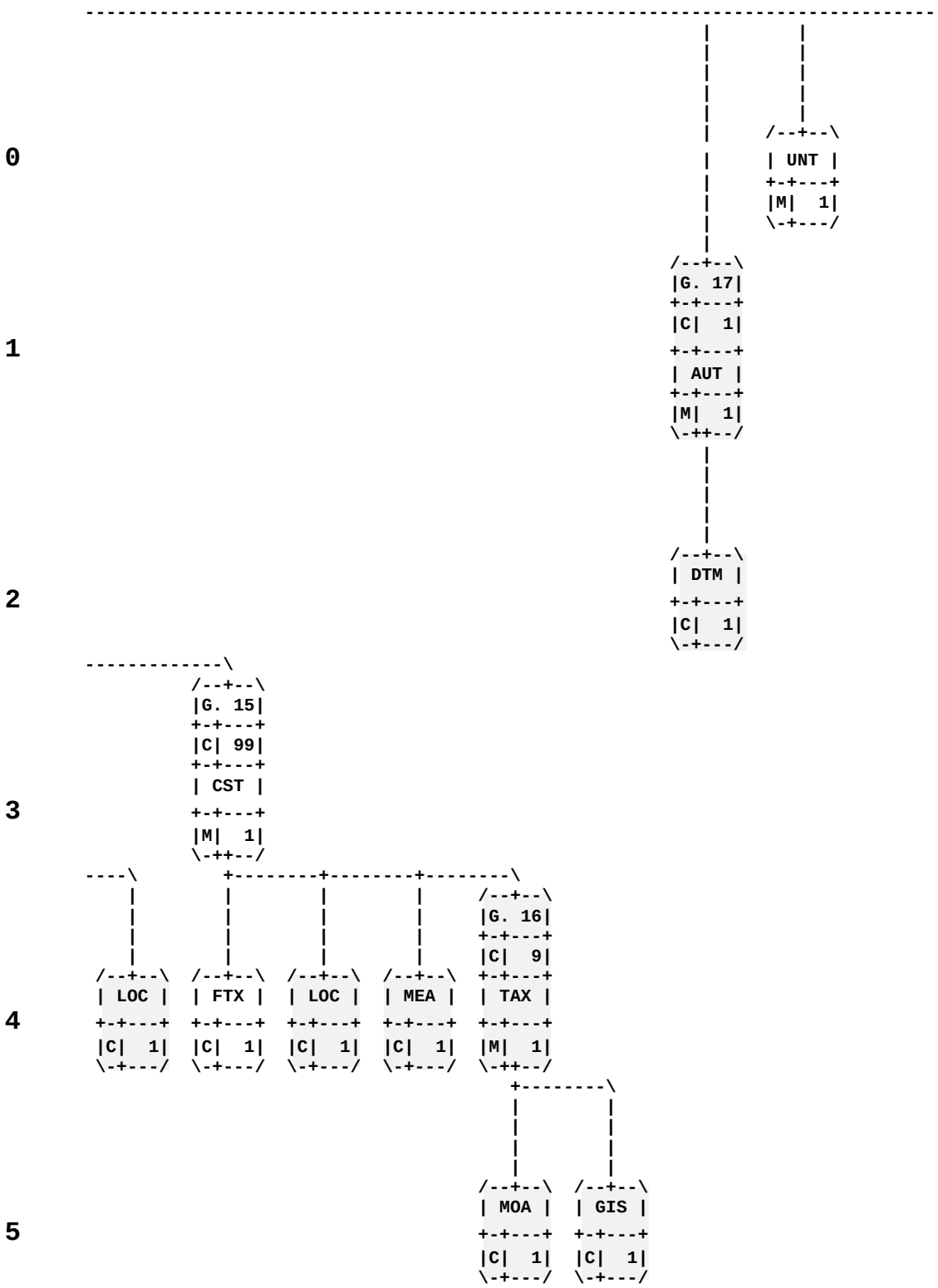
5. MESSAGE BRANCHING DIAGRAM

Note : The shaded boxes indicate segments not used in this implementation.









6. SEGMENT DEFINITIONS

This section provides a definition of the segments used.

6.1 Data Segment Clarification

This section should be read in conjunction with the Branching Diagram and the Segment Table which indicate mandatory, conditional and repeating requirements.

UNH, Message header
A service segment starting and uniquely identifying a message. The message type code for the Customs express consignment declaration message is CUSEXP.

Note: Customs express consignment manifest messages conforming to this document must contain the following data in segment UNH, composite S009:

Data element 0065 CUSEXP
0052 D
0054 95A
0051 UN

BGM, Beginning of message
A segment for unique identification of the declaration type, i.e. import, export, in-transit.

DTM, Date/time/period
A segment to specify the dates, times or periods relevant to the whole message e.g. elected date of presentation, date of message.

LOC, Place/location identification
A segment to identify a place or location relevant to the entire message e.g., office of entry, clearance port.

CNT, Control total
A segment specifying control totals e.g. total number of Express Consignments reported, total number of master transport documents, total number of packages.

Segment group 1: NAD-SG2
A group of segments to identify contact party details.

NAD, Name and address
A segment to specify the party name and address responsible for the express consignment.

Segment group 2: CTA-COM
A group of segments indicating contact parties and contact numbers.

CTA, Contact information
A segment identifying contact party.

COM, Communication contact
A segment identifying the contact party's telephone and/or fax number.

Segment group 3: TDT-DTM-SG4

A group of segments to identify details of transport, means of transport, references and associated locations, dates and times.

TDT, Details of transport
A segment to indicate the name of the carrier, name/number of vehicle or flight, conveyance reference number.

DTM, Date/time/period
A segment to specify the dates, times or periods relevant to the transport used.

Segment group 4: LOC-DTM
A group of segments to provide details of locations, dates and times relevant to the means of transport.

LOC, Place/location identification
A segment to identify a place or location relevant to the transport details.

DTM, Date/time/period
A segment to specify dates, times or periods relevant to the transport details e.g. actual date/time of arrival.

Segment group 5: EQD-SEL
A group of segments giving details of equipment and seals.

EQD, Equipment details
A segment to identify a unit of equipment.

SEL, Seal number
A segment to specify a seal number related to equipment.

Segment group 6: RFF-NAD-CNT-SG7
A group of segments giving details of all consignments covered by an individual Master Transport Document reference.

RFF, Reference
A segment to identify Master Transport Document references or similar documentation pertinent to the conveyance report.

NAD, Name and address
A segment to specify the party name and address of the sender and receiver of the Master Transport Document.

CNT, Control total
A segment to specify control totals e.g. total number of House Transport Documents.

Segment group 7: CNI-SGP-CNT-MEA-LOC-NAD-SG8-SG9-SG10-SG11-SG13-SG14-SG15
A group of segments giving details of single express consignments at the House Transport Document level.

CNI, Consignment information
A segment to indicate the reference number of the House Transport Document for the relevant consignment.

SGP, Split goods placement
A segment to specify the placement of the goods in relation to equipment.

CNT, Control total
A segment specifying control totals e.g. total number of Customs items reported.

MEA, Measurements
A segment providing for measurements requirements related to the express consignment e.g. gross weight.

LOC, Place/location identification
A segment identifying place/location relevant to the express consignment, e.g. country of consignment, place of loading/unloading.

NAD, Name and address
A segment describing name and address of the shipper and consignee of the express consignment.

Segment group 8: GDS-FTX
A group of segments giving information relevant to the nature of the cargo.

GDS, Nature of cargo
A segment specifying the nature of the goods in accordance with the Customs Cooperation Council (CCC)/International Express Carriers Conference(IECC) Express Consignment Guidelines : i.e. Category 1 - Documents, Category 2 - Low-value non-dutiable goods, Category 3 - Low-value dutiable goods, Category 4 - High value goods, Category 12 - General cargo.

FTX, Free text
A segment specifying the description in narrative form.

Segment group 9: PAC-PCI
A group of segments giving details of packages and markings.

PAC, Package
A segment to identify the number and type of packages.

PCI, Package identification
A segment to identify markings and labels on the type of package reported.

Segment group 10: TOD-LOC-FTX
A group of segments to specify terms of delivery and related locations.

TOD, Terms of delivery or transport
A segment identifying terms and places of delivery of the entered goods e.g. coded International Rules for the Interpretation of Trade Terms (INCOTERMS).

LOC, Place/location identification
A segment identifying the place/location relevant to the terms of delivery of the express consignment.

FTX, Free text
A segment describing terms of delivery in narrative form.

Segment group 11: MOA-SG12
A group of segments to specify monetary amounts.

MOA, Monetary amount
A segment specifying the monetary amounts relative to the express consignment e.g. declared value of a single consignment.

Segment group 12: CUX-DTM
A group of segments to specify rates of exchange and currencies.

CUX, Currencies
A segment to specify rates of exchange/currencies reported in regard to value.

DTM, Date/time/period
A segment to specify date and time relevant to exchange rates regarding the value of the express consignment.

Segment group 13: TAX-MOA-GIS
A group of segments giving the total of duties/taxes/fees and methods of payment related to the consignment.

TAX, Duty/tax/fee details
A segment identifying the tax type, rate and base associated with the consignment.

MOA, Monetary amount
A segment identifying monetary amounts (e.g. tax/fee amount) associated with the preceding TAX.

GIS, General indicator
A segment identifying an indicator (e.g. method of payment indicator) associated with the preceding TAX.

Segment group 14: DOC-DTM-LOC
A group of segments to specify documentary requirements and references related to the express consignment.

DOC, Document/message details
A segment specifying the documentation requirements for particular Customs/government agencies e.g. invoice, certificate of origin.

DTM, Date/time/period
A segment specifying date/time/period information as related to the documentation requirements.

LOC, Place/location identification
A segment identifying the place/location relevant to the documentation requirements.

Segment group 15: CST-FTX-LOC-MEA-SG16
A group of segments giving information relevant to the Customs treatment of the goods at Customs item level.

CST, Customs status of goods
A segment describing the goods in terms of Customs entities, status and intended use i.e. the H.S. Tariff Codes.

FTX, Free text
A segment specifying the Customs description in narrative form.

LOC, Place/location identification
A segment identifying place/location relevant to the Customs treatment of the goods e.g. country of origin.

MEA, Measurements
A segment providing for measurements requirements related to the Customs item e.g. net weight and supplementary units.

Segment group 16: TAX-MOA-GIS
A group of segments identifying duties/taxes/fees and methods of payment related to a Customs item.

TAX, Duty/tax/fee details
A segment identifying the tax type, rate and base associated with a Customs item.

MOA, Monetary amount
A segment identifying monetary amounts (e.g. tax/fee amount) associated with the preceding TAX.

GIS, General indicator
A segment identifying an indicator (e.g. method of payment indicator) associated with the preceding TAX.

Segment group 17: AUT-DTM
A group of segments to specify authentication results.

AUT, Authentication result
A segment that identifies and verifies the authenticity of the sender and data integrity.

DTM, Date/time/period
A segment specifying date/time/period information related to the authentication requirements.

UNT, Message trailer
A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

7. SEGMENT LAYOUTS

This section describes each segment used in this subset of the CUSEXP message. The complete EDIFACT segment layout is listed. The appropriate comments relevant to this MIG are indicated.

NOTES :

1. The segments are presented in the sequence in which they appear in the message.

2. The column headed “M/C” indicates EDIFACT status of (M)andatory or (C)onditional.

3. The column headed "Req" indicates whether the data element is required for this implementation and has the following meanings :
   "Y" = Required in this implementation
   "O" = Optional - indicates the element will be used if present otherwise default values apply
   "N" = Not Used = indicates the element is not used and should be omitted

7.1

UNB - M 1 - INTERCHANGE HEADER

Function : To start, identify and specify an interchange.

Element	Element Name	M/C	Format	Req.	Meaning
S001	SYNTAX IDENTIFIER	M			
0001	Syntax identifier	M	a4	Y	"UNOA" = Printable syntax
0002	Syntax version number	M	n1	Y	"1" = Version
S002	INTERCHANGE SENDER	M			
0004	Sender identification	M	an.. 35	Y	
0007	Partner identification code qualifier	C	an.. 4	N	
0008	Address for reverse routing	C	an.. 14	N	
S003	INTERCHANGE RECIPIENT	M			
0010	Recipient identification	M	an.. 35	Y	"HACTL"
0007	Partner identification code qualifier	C	an.. 4	N	
0014	Routing address	C	an.. 14	N	
S004	DATE/TIME OF PREPARATION	M			
0017	Date of preparation	M	n6	Y	Date of transmission in format YYMMDD
0019	Time of preparation	M	n4	Y	Time of transmission in format HHMM
0020	INTERCHANGE CONTROL REFERENCE	M	an.. 14	Y	Unique interchange no.
S005	RECIPIENTS REFERENCE PASSWORD	C			
0022	Recipient's reference/password	M	an.. 14	N	
0025	Recipient's reference/password qualifier	C	an.. 2	N	
0026	APPLICATION REFERENCE	C	an.. 14	N	
0029	PROCESSING PRIORITY CODE	C	a1	N	
0031	ACKNOWLEDGMENT REQUEST	C	n1	N	
0032	COMMUNICATIONS AGREEMENT ID	C	an.. 35	N	
0035	TEST INDICATOR	C	n1	N	

Example : UNB+UNOA:1+CLG+HACTL+950515:1554+00022911'

7.2

UNH - M 1 - MESSAGE HEADER

Function : To head, identify and specify a message

Element	Element Name	M/C	Format	Req.	Meaning
0062	MESSAGE REFERENCE NUMBER	M	an.. 14	Y	Sender's unique message reference.
S009	MESSAGE IDENTIFIER	M			
0065	Message Type Identifier	M	an.. 6	Y	"CUSEXP"
0052	Message Type Version Number	M	an.. 3	Y	"D"
0054	Message Type Release Number	M	an.. 3	Y	"95A"
0051	Controlling Agency	M	an.. 2	Y	"UN"
0057	Association Assigned Code	C	an.. 6	N	
0068	COMMON ACCESS REFERENCE	C	an.. 35	O	Would be replied if specified in first message

Example : UNH+1+CUSEXP:D:95A:UN'

7.3

BGM - M 1 - BEGINNING OF MESSAGE

Function: To indicate the type and function of a message and to transmit the identifying number.

Element	Element Name	M/C	Format	Req.	Meaning
C002	DOCUMENT/MESSAGE NAME	C			
1001	Document/Message Name Coded	C	an.. 3	Y	"85" = Customs Manifest
1131	Code List Qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
1000	Document Message Name	C	an.. 35	Y	"Express Consignment Manifest"
1004	DOCUMENT/MESSAGE NUMBER	C	an.. 35	Y	Senders document number
1225	MESSAGE FUNCTION, CODED	C	an.. 3	Y	"9" = Original "4" = Change "2" = Addition "5" = Replace "3" = Deletion
4343	RESPONSE TYPE, CODED	C	an.. 3	N	

Example : BGM+85:::EXPRESS CONSIGNMENT MANIFEST+01156256220 / NW01 / 950309+9'

Notes :

(1) For 1000 :
This element should contain the words "EXPRESS CONSIGNMENT MANIFEST"

(2) For 1225 :

This element is used to indicate the purpose of the message :

1. Original (“9”) - The message contains the original consignment details. All house manifest information will be created in COSAC. If there already exist one then this message will be rejected.
2. Change (“4”) - The message contains changed consignment details to a previous message. All house manifest information should exist in COSAC. If so, the house manifest information will be changed according to this message. Otherwise, whole message will be rejected.
3. Addition (“2”) - The message contains additional details to a previous message. All house manifest information should not exist in COSAC. If so, the house manifest information will be added into COSAC. Otherwise, whole message will be rejected.
4. Replace (“5”) - The message is a replacement for a previous message. The house manifest information will be overwritten to the existing COSAC record or created if not exist.
5. Deletion (“3”) - The message deletes a previous message. All house manifest information should exist in COSAC. If so, the existing house manifest information will be deleted. Otherwise, whole message will be rejected.

7.4

DTM - C 5 - DATE/TIME/PERIOD

Function: To specify date, and/or time, or period.

*** Not Used ***

7.5

LOC - C 5 - PLACE/LOCATION ID

Function: To identify a country/place/location/related location one/related location two.

Element	Element Name	M/C	Format	Req.	Meaning
3227	PLACE/LOCATION QUALIFIER	M	an.. 3	Y	"5" = Place of Departure "8" = Place of Destination
C517	LOCATION IDENTIFICATION	C			
3225	Place/location identification	C	an.. 25	Y	Master Air Waybill origin (3 alphabatic characters) Master Air Waybill destination (3 alphabatic characters)
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
3224	Place/Location	C	an.. 17	N	
C519	RELATED LOCATION ONE IDENTIF'TN	C			
3223	Related place/location one identification	C	an.. 25	N	
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
3222	Related place/location one	C	an.. 70	N	
C553	RELATED LOCATION TWO IDENTIF'TN	C			
3233	Related place/location two identification	C	an.. 25	N	
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
3232	Related place/location two	C	an.. 70	N	
5479	RELATION, CODED	C	an.. 3	N	

Example : **LOC+5+USA'**
LOC+8+HKG'

This segment is mandatory and is used twice to indicate the Master Air Waybill origin and destination

Notes :

(1) For 3225 :
The air courier IATA codes should be used.

7.6

CNT - C 9 - CONTROL TOTALS

Function: To provide message control total.

Element	Element Name	M/C	Format	Req.	Meaning
C270	CONTROL	M			
6069	Control Qualifier	M	an.. 3	Y	"7" = Total gross weight "8" = Total pieces
6066	Control Value	M	n.. 18	Y	Total weight or pieces for this Master Air Waybill. Maximum value for pieces and weight are 99999 and 999999.5 respectively
6411	Measure unit qualifier	C	an.. 3	Y	'KGM' = Kilograms 'LBR' = Pounds

Example : CNT+7:1.5:KGM'
CNT+8:1'

This segment is mandatory and is used to provide the total weight and total number of pieces for this Master Air Waybill.

7.7

NAD - M 1 - NAME AND ADDRESS

Segment Group : 1

Function: To specify the name/address and their related function

Element	Element Name	M/C	Format	Req.	Meaning
3035	PARTY QUALIFIER	M	an.. 3	Y	"PK" = Contact party responsible for consignment
C082	PARTY IDENTIFICATION DETAILS	C			
3039	Party id identification	M	an.. 35	Y	Sender's agent code
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
C058	NAME AND ADDRESS	C			
3124	Name and address line	M	an.. 35	N	
3124	Name and address line	C	an.. 35	N	
3124	Name and address line	C	an.. 35	N	
3124	Name and address line	C	an.. 35	N	
3124	Name and address line	C	an.. 35	N	
C080	PARTY NAME	M			
3036	Party Name	C	an.. 35	N	
3036	Party Name	C	an.. 35	N	
3036	Party Name	C	an.. 35	N	
3036	Party Name	C	an.. 35	N	
3036	Party Name	C	an.. 35	N	
3045	Party name format, coded	C	an.. 3	N	
C059	STREET	C			
3042	Street and Number / P.O. Box	M	an.. 35	N	
3042	Street and Number / P.O. Box	C	an.. 35	N	
3042	Street and Number / P.O. Box	C	an.. 35	N	
3164	CITY NAME	C	an.. 35	N	
3229	COUNTRY SUB-ENTITY IDENTIFICATION	C	an.. 9	N	
3251	POSTCODE IDENTIFICATION	C	an.. 9	N	
3207	COUNTRY, CODED	C	an.. 3	N	

Example : NAD+PK+1310001'

This segment is used to indicate the sender's agent code and must be provided as segment group is mandatory.

The sender's agent code should be a HACTL assigned agent code. If HACTL had not provided the agent code, IATA's agent code can be used instead.

7.8

CTA - C 1 - CONTACT INFORMATION
Segment Group : 2
Function: To identify a person or a department to whom communication should be directed.

*** Not Used ***

7.9

COM - C 2 - COMMUNICATION CONTACT
Segment Group : 2
Function: To identify a communication number of a department or a person to whom communication should be directed.

*** Not Used ***

7.10

TDT - M 1 - DETAILS OF TRANSPORT

Segment Group : 3

Function: To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport.

Element	Element Name	M/C	Format	Req.	Meaning
8051	TRANSPORT STAGE QUALIFIER	M	an.. 3	Y	"13" = At destination
8028	CONVEYANCE REFERENCE NUMBER	C	an.. 17	O	3 alphanumeric carrier code - IATA list + flight no. (This element must be provided if element 1154 of segment 7.16 is a non-IATA Master Air Waybill Number.)
C220	MODE OF TRANSPORT	C			
8067	Mode of transport, coded	C	an.. 3	N	
8066	Mode of transport	C	an.. 17	N	
C228	TRANSPORT MEANS	C			
8179	Type of means of transport identification	C	an.. 8	N	
8178	Type of means of transport	C	an.. 17	N	
C040	CARRIER	C			
3127	Carrier identification	C	an.. 17	N	
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
3128	Carrier name	C	an.. 35	N	
8101	TRANSIT DIRECTION, CODED	C	an.. 3	N	
C401	EXCESS TRANSPORTATION INFORMATION	C			
8547	Excess transportation reason, coded	M	an.. 3	N	
8459	Excess transportation responsibility, coded	M	an.. 3	N	
7130	Customer authorization number	C	an.. 17	N	
C222	TRANSPORT IDENTIFICATION	C			
8213	Id of means of transport identification	C	an.. 9	N	
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
8212	Id of the means of transport	C	an.. 17	N	
8453	Nationality of means of transport, coded	C	an.. 3	N	

Example : TDT+13+NW 001'

This segment is mandatory and is used to indicate the flight number.

7.11

DTM - C 1 - DATE/TIME/PERIOD

Segment Group : 3

Function: To specify date, and/or time, or period.

Element	Element Name	M/C	Format	Req.	Meaning
C507	DATE/TIME/PERIOD	M			
2005	Date/Time/Period Qualifier	M	an.. 3	O	"132" = Est. Date/Time of Arrival @ Flt Dest
2380	Date/Time/Period	C	an.. 35	O	Date/Time
2379	Date/Time/Period Format Qualifier	C	an.. 3	O	"101" = YYMMDD

Example : DTM+132:950309:101'

This segment is optional and is used to indicate the flight arrival date.

7.12

LOC - M 1 - PLACE/LOCATION ID
Segment Group : 4
Function: To identify a country/place/location/related location one/related location two.

*** Not Used ***

7.13

DTM - C 1 - DATE/TIME/PERIOD
Segment Group : 4
Function: To specify date, and/or time, or period.

*** Not Used ***

7.14

EQD - M 1 - EQUIPMENT DETAILS
Segment Group : 5
Function: To identify a unit of equipment.

*** Not Used ***

7.15

SEL - C 1 - SEAL NUMBER
Segment Group : 5
Function: To specify a seal number related to equipment.

*** Not Used ***

7.16

RFF - M 1 - REFERENCE

Segment Group : 6

Function: To specify a reference.

Element	Element Name	M/C	Format	Req.	Meaning
C506	REFERENCE	M			
1153	Reference Qualifier	M	an.. 3	Y	"MWB" = Master Air Waybill Number
1154	Reference Number	C	an.. 35	Y	Master Air Waybill Number (If this element is a non-IATA waybill, element 8028 of segment 7.10 must be supplied)
1156	Line Number	C	an.. 6	N	
4000	Reference version number	C	an.. 35	N	

Example : RFF+MWB:01156256220'

One occurrence of this segment is mandatory is used to indicate the Master Air Waybill number.

7.17

NAD - C 1 - NAME AND ADDRESS

Segment Group : 6

Function: To specify the name/address and their related function

*** Not Used ***

7.18

CNT - C 1 - CONTROL TOTALS

Segment Group : 6

Function: To provide message control total.

Element	Element Name	M/C	Format	Req.	Meaning
C270	CONTROL	M			
6069	Control Qualifier	M	an.. 3	Y	"10" = Total Number of Consignments (HAWBs)
6066	Control Value	M	n.. 18	Y	Total number of House Air Waybills for the MAWB
6411	Measure unit qualifier	C	an.. 3	N	

Example : CNT+10:2'

This segment is mandatory and is used to provide a control total of the number of House Air Waybills under the Master indicated in the preceding RFF segment.

7.19

CNI - M 1 - CONSIGNMENT INFORMATION

Segment Group : 7

Function: To indicate consignments loaded in a consolidation using the reference number of the transport document of the relevant consignment.

Element	Element Name	M/C	Format	Req.	Meaning
1490	CONSOLIDATION ITEM NUMBER	M	n.. 4	Y	Serial number for each separate consignment
C503	DOCUMENT/MESSAGE DETAILS	C			
1004	Document/Message Number	C	an.. 35	Y	HWB number contains a maximum of 18 characters and without space. It must be in capital letter.
1373	Document/message status code	C	an.. 3	N	
1366	Document/message source	C	an.. 35	N	
3453	Language, coded	C	an.. 3	N	
1312	CONSIGNMENT LOAD SEQUENCE NO.	C	n.. 4	N	

Example : CNI+1+692292311'

This segment is mandatory and is used to provide the House Air Waybill numbers. A maximum of 999 House Air Waybill numbers can be specified.

Notes :

(1) For 1490:
This element contains the sequential number of the House Air Waybill within this Master.

7.20

SGP - C 9 - SPLIT GOODS PLACEMENT

Segment Group : 7

Function: To specify the placement of goods in relation to equipment.

*** Not Used ***

7.21

CNT - C 9 - CONTROL TOTALS

Segment Group : 7

Function: To provide message control total.

Element	Element Name	M/C	Format	Req.	Meaning
C270	CONTROL	M			
6069	Control Qualifier	M	an.. 3	Y	"1" = Algebraic total of the quantity values in the CNI segment in Group 7, i.e. Shipper's load and count (SLAC) of this house shipment "8" = Total pieces
6066	Control Value	M	n.. 18	Y	Total number of pieces Maximum value is 99999
6411	Measure unit qualifier	C	an.. 3	N	

Example : **CNT+1:99999'**

CNT+8:1'

This segment, with Control Qualifier equals to 8 (Total pieces), is mandatory and is used to provide the total number of pieces in this House shipment.

This segment, with Control Qualifier equals to 1 (SLAC), is optional and is used to provide the Shipper's load and count in this House shipment.

7.22

MEA - C 1 - MEASUREMENTS

Segment Group : 7

Function: To specify physical measurements, including dimension tolerances, weights and counts.

Element	Element Name	M/C	Format	Req.	Meaning
6311	MEASUREMENT APPLICATION QUALIFIER	M	an.. 3	Y	"WT" = Weights
C502	MEASUREMENT DETAILS	C			
6313	Measurement Dimension, Coded	C	an.. 3	N	
6321	Measurement significance code	C	an.. 3	N	
6155	Measurement attribute, coded	C	an.. 3	N	
6154	Measurement attribute	C	an.. 70	N	
C174	VALUE/RANGE	M			
6411	Measure Unit Qualifier	M	an.. 3	Y	"KGM" = Kilograms "LBR" = Pounds
6314	Measurement Value	C	n.. 18	Y	Shipment Weight Maximum value is 999999.5
6162	Range minimum	C	n.. 18	N	
6152	Range maximum	C	n.. 18	N	
6432	Significant digits	C	n.. 2	N	
7383	SURFACE/LAYER INDICATOR, CODED	C	an.. 3	N	

Example : MEA+WT++KGM:9'

This segment is mandatory and is used to provide the gross weight of this House shipment.

Note : The previous MEASUREMENT APPLICATION QUALIFIER **"CHW" would still be accepted. However, the weight would be treated as gross weight.**

7.23

LOC - C 2 - PLACE/LOCATION ID					
Segment Group : 7					
Function: To identify a country/place/location/related location one/related location two.					
3227	PLACE/LOCATION QUALIFIER	M	an.. 3	Y	"5" = Place of Departure "8" = Place of Destination
C517	LOCATION IDENTIFICATION	C			
3225	Place/location identification	C	an.. 25	Y	Port of Origin fo House Air Waybill (3 alphabatic characters) Port of destination of House Air Waybill (3 alphabatic characters)
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
3224	Place/Location	C	an.. 17	N	
C519	RELATED LOCATION ONE IDENTIF'TN	C			
3223	Related place/location one identification	C	an.. 25	N	
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
3222	Related place/location one	C	an.. 70	N	
C553	RELATED LOCATION TWO IDENTIF'TN	C			
3233	Related place/location two identification	C	an.. 25	N	
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
3232	Related place/location two	C	an.. 70	N	
5479	RELATION, CODED	C	an.. 3	N	

Example : **LOC+5+USA'**
LOC+8+HKG'

This segment is mandatory and is used twice to indicate the House Air Waybill origin and destination

Notes :

(1) For 3225 :
The air courier IATA codes should be used.

7.24

NAD - C 5 - NAME AND ADDRESS

Segment Group : 7

Function: To specify the name/address and their related function

Element	Element Name	M/C	Format	Req.	Meaning
3035	PARTY QUALIFIER	M	an.. 3	Y	"CN" = Consignee "CZ" = Consignor "NI" = Notify Party
C082	PARTY IDENTIFICATION DETAILS	C			
3039	Party id identification	M	an.. 35	N	
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
C058	NAME AND ADDRESS	C			
3124	Name and address line	M	an.. 35	O	Contact detail line 1 The first 3 characters are contact identifier: "TE "-telephone; "TL "-Telex; "FX "-Felefax. The subsequent (4-28 characters) 25 charaters are the contact number. It only allows alphanumeric (i.e. A-Z, 0-9)
3124	Name and address line	C	an.. 35	O	Contact detail line 2 (same format as line 1)
3124	Name and address line	C	an.. 35	O	Contact detail line 3 (same format as line 1)
3124	Name and address line	C	an.. 35	O	Contact detail line 4 (same format as line 1)
3124	Name and address line	C	an.. 35	O	Contact detail line 5 (same format as line 1)
C080	PARTY NAME	M			
3036	Party Name	C	an.. 35	Y	Party Name
3036	Party Name	C	an.. 35	N	
3036	Party Name	C	an.. 35	N	
3036	Party Name	C	an.. 35	N	
3036	Party Name	C	an.. 35	N	
3045	Party name format, coded	C	an.. 3	N	
C059	STREET	C			
3042	Street and Number / P.O. Box	M	an.. 35	Y	Party address line 1
3042	Street and Number / P.O. Box	C	an.. 35	O	Party address line 2
3042	Street and Number / P.O. Box	C	an.. 35	N	Party address line 3
3164	CITY NAME	C	an.. 35	Y	Party city name or place name (Only accept the first 17 characters, overflow characters will be ignored)
3229	COUNTRY SUB-ENTITY IDENTIFICATION	C	an.. 9	O	State/Province
3251	POSTCODE IDENTIFICATION	C	an.. 9	O	Party post code
3207	COUNTRY, CODED	C	an.. 3	Y	Party country (2-Letter ISO code)

Example 1: **NAD+CZ+++SHP COLLINS AND AIKMAN WALLCOVER+7700 EDGEWATER DR DTE 651:OAKLAND+BOSTON++94621+US'**
NAD+CN+++BRILLIANT INTERIOR PRODUCTS+1/F DECCA IND BLDG:12 JUT SHING BLDG +HONGKONG+++HK'
NAD+NI+++GENERAL MOTORS+QUEEN ROAD:708 JONESTON DTE 375:OAKLAND +NEW YORK++123456+US'

Example 2: **NAD+CZ++TE 12345678+SHP COLLINS AND AIKMAN WALLCOVER+7700 EDGEWATER DR DTE 651 OAKLAND+BOSTON+QUE+94621+US'**
NAD+CN+++BRILLIANT INTERIOR PRODUCTS+1/F DECCA IND BLDG:12 JUT SHING BLDG +HONGKONG+++HK'

This segment occurs 3 times to indicate :

1. The consignee name and address (3035 = "CN")
2. The consignor name and address (3035 = "CZ")
3. The notify party name and address (3035 = "NI", optional information)

7.25

GDS - M 1 - NATURE OF CARGO

Segment Group : 8

Function: To indicate the type of cargo as a general classification.

Element	Element Name	M/C	Format	Req.	Meaning
C703	NATURE OF CARGO	C			
7085	Nature of Cargo, Coded	M	an.. 3	Y	Code indicating the type of cargo as a rough classification.
1131	Code List Qualifier	C	an.. 3	N	
3055	Code List Responsible Agency, Coded	C	an.. 3	N	

Example : GDS+12'

This segment is mandatory. However, content of this segment are not used in ISAC.

For 7085 (nature of the cargo):
"1" = Documents
"2" = Low value non-dutiable consignments
"3" = Low value dutiable consignments
"4" = High value consignments
"12" = General cargo

7.26

FTX - C 1 - FREE TEXT

Segment Group : 8

Function: To provide free form or coded text information.

Element	Element Name	M/C	Format	Req.	Meaning
4451	TEXT SUBJECT QUALIFIER	M	an.. 3	Y	"AAA" = Goods Description
4453	TEXT FUNCTION, CODED	C	an.. 3	N	
C107	TEXT REFERENCE	C			
4441	Free text, coded	M	an.. 3	N	
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
C108	TEXT LITERAL	C			
4440	Free Text	M	an.. 70	Y	Free Text - Manifest Description of Goods Maximum length is 70 characters
4440	Free Text	C	an.. 70	O	First 3 characters - Special Handling Code 1
4440	Free Text	C	an.. 70	O	First 3 characters - Special Handling Code 2
4440	Free Text	C	an.. 70	N	
4440	Free Text	C	an.. 70	N	
3453	LANGUAGE, CODED	C	an.. 3	N	

Example 1: **FTX+AAA+++BOOKS'**

Example 2: **FTX+AAA+++LIVE ANIMALS:AVI'**

This segment is mandatory and is used to provide manifest description of goods and special handling codes.

7.27

PAC - M 1 - PACKAGE

Segment Group : 9

Function: To describe the number and type of packages/physical units.

Element	Element Name	M/C	Format	Req.	Meaning
7224	NUMBER OF PACKAGES	C	n.. 8	N	
C531	PACKAGING DETAILS	C		N	
7075	Packaging level, coded	C	an.. 3	N	
7233	Packaging related information, coded	C	an.. 3	N	
7073	Packaging terms and conditions, coded	C	an.. 3	N	
C202	PACKAGE TYPE	C			
7065	Type of packages identification	C	an.. 17	N	
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
7064	Type of packages	C	an.. 35	N	
C402	PACKAGE TYPE IDENTIFICATION	C			
7077	Item description type, coded	M	an.. 3	Y	'F' = Free-form
7064	Type of packages	M	an.. 35	Y	Code indicating the format of a description.
7143	Item number type, coded	C	an.. 3	N	
7064	Type of packages	C	an.. 35	N	
7143	Item number type, coded	C	an.. 3	N	
C532	RETURNABLE PACKAGE DETAILS	C			
8395	Returnable package freight payment responsibility, coded	C	an.. 3	N	
8393	Returnable package load contents, coded	C	an.. 3	N	

Example : PAC'

This segment is mandatory only if the following PCI segment is used to provide the distinguishing marks. Only one occurrence of this segment group can occur.

7.28

PCI - C 1 - PACKAGE IDENTIFICATION

Segment Group : 9

Function: To specify markings and labels on individual packages or physical units.

Element	Element Name	M/C	Format	Req.	Meaning
4233	MARKING INSTRUCTIONS, CODED	C	an.. 3	Y	"28" = Mark Free Text
C210	MARKS & LABELS	C			
7102	Shipping marks	M	an.. 35	O	Shipping marks
7102	Shipping marks	C	an.. 35	N	
7102	Shipping marks	C	an.. 35	N	
7102	Shipping marks	C	an.. 35	N	
7102	Shipping marks	C	an.. 35	N	
7102	Shipping marks	C	an.. 35	N	
7102	Shipping marks	C	an.. 35	N	
7102	Shipping marks	C	an.. 35	N	
7102	Shipping marks	C	an.. 35	N	
7102	Shipping marks	C	an.. 35	N	
8275	CONTAINER/PACKAGE STATUS, CODED	C	an.. 3	N	

Example : PCI+28+4001-1234'

This segment is optional and is used to provide any distinguishing marks.

7.29

TOD - C 1 - TERMS OF DELIVERY

Segment Group : 10

Function: To specify terms of delivery.

*** Not Used ***

7.30

LOC - C 1 - PLACE/LOCATION ID

Segment Group : 10

Function: To identify a country/place/location/related location one/related location two.

*** Not Used ***

7.31

FTX - C 1 - FREE TEXT

Segment Group : 10

Function: To provide free form or coded text information.

*** Not Used ***

7.32

MOA - M 1 - MONETARY AMOUNT

Segment Group : 11

Function: To specify a monetary amount.

Element	Element Name	M/C	Format	Req.	Meaning
C516	MONETARY AMOUNT	M			
5025	Monetary Amount Type Qualifier	M	an.. 3	Y	Value Declaration: "43" - Declared total Customs value "96" = No declared value for Customs "44" - Declared value for Carriage "95" = No declared value for Carriage "67" - Insurance "94" = No amount of Insurance Prepaid/Collect Declaration: “331” = Total collect weight charge “332” = Total prepaid weight charge “333” = Total collect other charge “334” = Total prepaid other charge “335” = Total collect valuation charge “336” = Total prepaid valuation charge
5004	Monetary Amount	C	n.. 18	Y	Amount (for Value Declaration only) Maximum value is 9999999999 with one decimal place
6345	Currency, coded	C	an.. 3	Y	ISO Code
6343	Currency qualifier	C	an.. 3	N	
4405	Status, coded	C	an.. 3	N	

Example 1: **MOA+96:0:USD'**
Example 2: **MOA+96:0:USD'MOA+332'MOA+333'**

This segment is mandatory and used once for each of the declared value. Since segment group 11 could be repeated up to ten times;therefore, this segment could be used to declare all the values one by one for Value Declaration.

Notes :

(1) For 5025 :
If amount is zero then code "96" (No declared value for Customs) should be used
If amount is zero then code "95" (No declared value for Carriage) should be used
If amount is zero then code "94" (No amount of Insurance) should be used

For Prepaid/Collect Declaration, one segment can be used for declaring either Total collect weight charge (code 331), Total prepaid weight charge (code 332), Total collect valuation charge (code 335) or Total prepaid valuation charge (code 336). Another segment can be used for declaring either Total collect other charge (code 333) or Total prepaid other charge (code 334)

(2) For 6345 :
Used to indicate the foreign currency code.

It is assumed that the currency code for all monetary values (if any) are the same. Therefore, the currency code of the declared value for Customs would be used.

7.33

CUX - M 1 - CURRENCIES

Segment Group : 12

Function: To specify currencies used in the transaction and relevant details for the rate of exchange.

*** Not Used ***

7.34

DTM - C 1 - DATE/TIME/PERIOD

Segment Group : 12

Function: To specify date, and/or time, or period.

*** Not Used ***

7.35

TAX - M 1 - DUTY./TAX/FEE DETAILS

Segment Group : 13

Function: To specify relevant duty/tax/fee information.

*** Not Used ***

7.36

MOA - C 1 - MONETARY AMOUNT

Segment Group : 13

Function: To specify a monetary amount.

*** Not Used ***

7.37

GIS - C 1 - GENERAL INDICATOR

Segment Group : 13

Function: To transmit a processing indicator.

*** Not Used ***

7.38

DOC - M 1 - DOCUMENT/MESSAGE DETAILS

Segment Group : 14

Function: To identify documents, either printed, electronically transferred, or referenced as specified in message description, including, where relevant, the identification of the type of transaction that will result from this message.

Element	Element Name	M/C	Format	Req.	Meaning
C002	DOCUMENT/MESSAGE NAME	M			
1001	Document/Message Name, Coded	C	an.. 3	O	"811" = Export Licence "911" = Import Licence
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
1000	Document/Message Name	C	an.. 35	O	Import/Export Licence number Maximum length is 20 characters

Example : DOC+911:::1234567'

This segment is optional and can occur up to nine times to indicate the licence numbers.

NOTE : The extension of licence number would be effective on 28 March 2000.

7.39

DTM - C 1 - DATE/TIME/PERIOD

Segment Group : 14

Function: To specify date, and/or time, or period.

*** Not Used ***

7.40

LOC - C 1 - PLACE/LOCATION ID

Segment Group : 14

Function: To identify a country/place/location/related location one/related location two.

*** Not Used ***

7.41

CST - M 1 - CUSTOMS STATUS OF GOODS

Segment Group : 15

Function: To specify goods in terms of customs identities, status and intended use.

Example : CST'

This segment is mandatory only if the following FTX segment is used to provide the Free Text Description of Goods.
Maximum 9 occurrences of this segment group can occur.

7.42

FTX - C 1 - FREE TEXT

Segment Group : 15

Function: To provide free form or coded text information.

Element	Element Name	M/C	Format	Req.	Meaning
4451	TEXT SUBJECT QUALIFIER	M	an.. 3	Y	"AAA" = Goods Description
4453	TEXT FUNCTION, CODED	C	an.. 3	Y	"1" – Text for subsequent use
C107	TEXT REFERENCE	C			
4441	Free text, coded	M	an.. 3	N	
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
C108	TEXT LITERAL	C			
4440	Free Text	M	an.. 70	Y	Free Text Description of Goods Maximum length is 65 characters.
4440	Free Text	C	an.. 70	N	
4440	Free Text	C	an.. 70	N	
4440	Free Text	C	an.. 70	N	
4440	Free Text	C	an.. 70	N	
3453	LANGUAGE, CODED	C	an.. 3	N	

Example 1: FTX+AAA+1++BOOKS'

This segment is mandatory and is used to provide a free text description of goods.

7.43

LOC - C 1 - PLACE/LOCATION ID
Segment Group : 15
Function: To identify a country/place/location/related location one/related location two.

*** Not Used ***

7.44

MEA - C 1 - MEASUREMENTS
Segment Group : 15
Function: To specify physical measurements, including dimension tolerances, weights and counts.

*** Not Used ***

7.45

TAX - M 1 - DUTY./TAX/FEE DETAILS
Segment Group : 16
Function: To specify relevant duty/tax/fee information.

*** Not Used ***

7.46

MOA - C 1 - MONETARY AMOUNT
Segment Group : 16
Function: To specify a monetary amount.

*** Not Used ***

7.47

GIS - C 1 - GENERAL INDICATOR
Segment Group : 16
Function: To transmit a processing indicator.

*** Not Used ***

7.48

AUT - M 1 - AUTHENTICATION RESULT
Segment Group : 17
Function: To specify results of the application of an authentication procedure.

*** Not Used ***

7.49

DTM - C 1 - DATE/TIME/PERIOD
Segment Group : 17
Function: To specify date, and/or time, or period.

*** Not Used ***

7.50

UNT - M 1 - MESSAGE TRAILER

Function : To end and check the completeness of a message.

Element	Element Name	M/C	Format	Req.	Meaning
0074	NUMBER OF SEGMENT IN A MESSAGE	M	n.. 6	Y	Includes UNH and UNT
0062	MESSAGE REFERENCE NUMBER	M	an.. 14	Y	Same as UNH

Example : UNT+36+1'

7.51

UNZ - M 1 - INTERCHANGE TRAILER

Function : To end and check the completeness of an interchange.

Element	Element Name	M/C	Format	Req.	Meaning
0036	INTERCHANGE CONTROL COUNT	M	n... 6	Y	Number of messages within an Interchange
0020	INTERCHANGE CONTROL REFERENCE	M	an.. 14	Y	Same as in 0020 in UNB

Example : UNZ+1+00022911'

8. SEGMENT TABLE

```
TAG   NAME                                        REPT   REPT
 ------------------------------------------------------------------------------

 UNH   ===UNH====                          M    1
 BGM   ==BEGINNING OF MESSAGE              M    1
 DTM   ==DATE/TIME/PERIOD                  C    5
 LOC   ==PLACE/LOCATION ID                 C    5
 CNT   ==CONTROL TOTAL                     C    9

 ----Segment Group 001---------------------------- M 1   -------------------\
 NAD   ==NAME AND ADDRESS                  M    1                           |
                                                                            |
 ----Segment Group 002---------------------------- C 5   -----------------\ |
 CTA    ==CONTACT INFORMATION              M    1                          | |
 COM   ==COMMUNICATION CONTACT             C    5         -----------------/-/


 ----Segment Group 003---------------------------- M 1   -------------------\
 TDT   ==DETAILS OF TRANSPORT              M    1                           |
 DTM   ==DATE/TIME PERIOD                  C    1                           |
                                                                            |
 ----Segment Group 004---------------------------- C 9   -----------------\ |
 LOC    ==PLACE/LOCATION ID                M    1                          | |
 DTM   ==DATE/TIME PERIOD                  M    9         -----------------/-/


 ----Segment Group 005---------------------------- C 99  -------------------\
 EQD   ==EQUIPMENT DETAILS                 M    1                           |
 SEL   ==SEAL NUMBER                       C    9         -------------------/


 ----Segment Group 006---------------------------- C 999 -------------------\
 RFF   ==REFERENCE                         M    1                           |
 NAD   ==NAME AND ADDRESS                  C    2                           |
 CNT   ==CONTROL TOTAL                     C    1                           |
                                                                            |
 ----Segment Group 007---------------------------- M 9999 ----------------\ |
 CNI   ==CONSIGNMENT INFORMATION           M    1                          | |
 SGP   ==SPLIT GOODS PLACEMENT             C    9                          | |
 CNT   ==CONTROL TOTAL                     C    9                          | |
 MEA   ==MEASUREMENTS                      C    1                          | |
 LOC   ==PLACE/LOCATION ID                 C    2                          | |
 NAD   ==NAME AND ADDRESS                  C    5                          | |
                                                                           | |
 ----Segment Group 008---------------------------- C 1   ---------------\ | |
 GDS   ==NATURE OF CARGO                   M    1                        | | |
 FTX   ==FREE TEXT                         C    1         ---------------/ | |
                                                                           | |
                                                                           | |
 ----Segment Group 009---------------------------- C 999 ---------------\ | |
 PAC   ==PACKAGE                           M    1                        | | |
 PCI   ==PACKAGE IDENTIFICATION            C    1         ---------------/ | |
                                                                           | |
                                                                           | |
 ----Segment Group 010---------------------------- C 1   ---------------\ | |
 TOD   ==TERMS OF DELIVERY                 M    1                        | | |
 LOC   ==PLACE/LOCATION ID                 C    1                        | | |
 FTX   ==FREE TEXT                         C    1         ---------------/ | |

 TAG   NAME                                     REPT   REPT
```

```
--------------------------------------------------------------------------------


                                                                          | |
----Segment Group 011---------------------------- C 10  ---------------\ | |
MOA   ==MONETARY AMOUNT                    M    1                       | | |
                                                                        | | |
----Segment Group 012---------------------------- C 1   -------------\ | | |
CUX   ==CURRENCIES                         M    1                     | | | |
DTM   ==DATE/TIME/PERIOD                   C    1         -------------/-/ | |
                                                                          | |
                                                                          | |
----Segment Group 013---------------------------- C 9   ---------------\ | |
TAX   ==DUTY/TAX/FEE DETAILS               M    1                       | | |
MOA   ==MONETARY AMOUNT                    C    1                       | | |
GIS   ==GENERAL INDICATOR                  C    1         ---------------/ | |
                                                                          | |
                                                                          | |
----Segment Group 014---------------------------- C 9   ---------------\ | |
DOC   ==DOCUMENT/MESSAGE DETAILS           M    1                       | | |
DTM   ==DATE/TIME/PERIOD                   C    1                       | | |
LOC   ==PLACE/LOCATION ID                  C    1         ---------------/ | |
                                                                          | |
                                                                          | |
----Segment Group 015---------------------------- C 99  ---------------\ | |
CST   ==CUSTOMS STATUS OF GOODS            M    1                       | | |
FTX   ==FREE TEXT                          C    1                       | | |
LOC   ==PLACE/LOCATION ID                  C    1                       | | |
MEA   ==MEASUREMENTS                       C    1                       | | |
                                                                        | | |
----Segment Group 016---------------------------- C 9   -------------\ | | |
TAX   ==DUTY/TAX/FEE DETAILS               M    1                     | | | |
MOA   ==MONETARY AMOUNT                    C    1                     | | | |
GIS   ==GENERAL INDICATOR                  C    1         -------------/-/-/-/


----Segment Group 017---------------------------- C 1   -------------------\
AUT   ==AUTHENTICATION RESULT              M    1                           |
DTM   ==DATE/TIME/PERIOD                   C    1         -------------------/

UNT   ===UNT====                           M    1
```

9. LISTING OF SEGMENTS IN ALPHABETIC ORDER

AUT Authentication result
BGM Beginning of message
CNI Consignment information
CNT Control total
COM Communication contact
CST Customs status of goods
CTA Contact information
CUX Currencies
DOC Document/message details
DTM Date/time/period
EQD Equipment details
FTX Free text
GDS Nature of cargo
GIS General indicator
LOC Place/location identification
MEA Measurements
MOA Monetary amount
NAD Name and address
PAC Package
PCI Package identification
RFF Reference
SEL Seal number
SGP Split goods placement
TAX Duty/tax/fee details
TDT Details of transport
TOD Terms of delivery or transport
UNH Message header
UNT Message trailer

10. SAMPLE EXPRESS CONSIGNMENT MANIFEST MESSAGE

```
UNB+UNOA:1+CLG+HACTL+950515:1554+00022911'
UNH+1+CUSEXP:D:95A:UN'
BGM+85:::EXPRESS CONSIGNMENT MANIFEST+01156256220 / NW01 / 950309+9'
LOC+8+HKG'
LOC+5+USA'
CNT+7:1.5:KGM'
CNT+8:1'
NAD+PK+1234567'
TDT+13+NW01'
DTM+132:950309:101'
RFF+MWB:01156256220'
CNT+10:2'
CNI+1+692292311'
CNT+1:99999’
CNT+8:1'
MEA+WT++KGM:9'
LOC+8+HKG'
LOC+5+USA'
NAD+CZ+++SHP    COLLINS    AND    AIKMAN    WALLCOVER+7700    EDGEWATER    DR    DTE
       651:OAKLAND+BOSTON++94621+US'
NAD+CN+++BRILLIANT INTERIOR PRODUCTS+1/F DECCA IND BLDG:12 JUT
       SHING BLDG+HONGKONG+++HK'
NAD+NI+++GENERAL MOTORS+QUEEN ROAD:708 JONESTON DTE 375+NEW YORK++123456+US'
GDS'
FTX+AAA+++BOOKS'
PAC'
PCI+28+4001-1234'
MOA+43:1242:USD'
MOA+44:785.1:USD'
MOA+67:7355:USD'
DOC+911:::1234567'
CNI+2+7420418250'
CNT+8:1'
MEA+WT++KGM:0.5'
LOC+8+HKG'
LOC+5+USA'
NAD+CZ+++SHP    COLLINS    AND    AIKMAN    WALLCOVER+7700    EDGEWATER    DR    DTE
       651:OAKLAND+US++94621+US'
NAD+CN+++BRILLIANT   INTERIOR   PRODUCTS+1/F   DECCA   IND   BLDG:12   JUT   SHING
       BLDG+HONGKONG+++HK'
GDS'
FTX+AAA+++NEWSPAPER'
MOA+43:248.4:USD'
DOC+911:::1234567'
UNT+36+1'
UNZ+1+00022911'
```

NOTE : An EDIFACT message is a line of text without any newline character. We split the sample message into lines for readability.

11. IEMFMA MESSAGE IMPLEMENTATION GUIDE

11.1 Message Function

The IATA EDIFACT Message Acknowledgement(IEMFMA) message is to inform that the requested function is performed successfully.

11.2 Data Segment Clarification

The segments are listed in the order in which they would be transmitted in a message. This section should be read in conjunction with the Message Branching Diagram which indicates mandatory, conditional and repeating requirement for each segment or segment group.

UNH (Message Header)
A service segment starting, and uniquely identifying, the IEMFMA message.

BGM (Beginning of Message)
A segment to start the message.

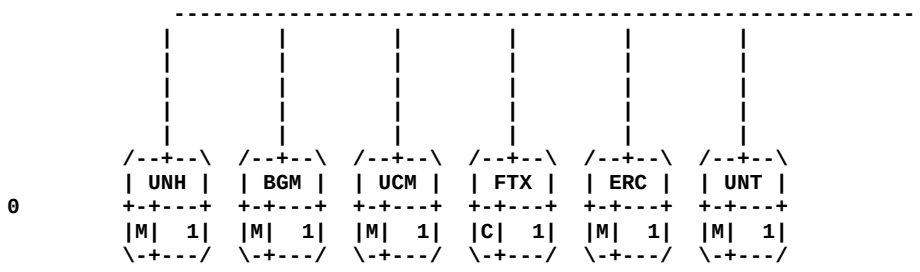
UCM (Message Response)
A segment to identify the message in the original interchange.

FTX (Free Text)
A segment to provide general information (remarks) regarding the while initial message.

ERC (Application Error Information)
A segment identifying the type of application error within the referenced message.

UNT (Message Trailer)
A service segment ending the message and giving the total number of segments and the reference number of the message.

11.3 Message Branching Diagram



11.4 Segment Layouts

UNB - M 1 - INTERCHANGE HEADER

Function : To start, identify and specify an interchange.

Element	Element Name	M/C	Format	Req.	Meaning
S001	SYNTAX IDENTIFIER	M			
0001	Syntax identifier	M	a4	Y	"UNOA" = Printable syntax
0002	Syntax version number	M	n1	Y	"1" = Version
S002	INTERCHANGE SENDER	M			
0004	Sender identification	M	an.. 35	Y	"HACTL"
0007	Partner identification code qualifier	C	an.. 4	N	
0008	Address for reverse routing	C	an.. 14	N	
S003	INTERCHANGE RECIPIENT	M			
0010	Recipient identification	M	an.. 35	Y	
0007	Partner identification code qualifier	C	an.. 4	N	
0014	Routing address	C	an.. 14	N	
S004	DATE/TIME OF PREPARATION	M			
0017	Date of preparation	M	n6	Y	Date of transmission in format YYMMDD
0019	Time of preparation	M	n4	Y	Time of transmission in format HHMM
0020	INTERCHANGE CONTROL REFERENCE	M	an.. 14	Y	Unique interchange no.
S005	RECIPIENTS REFERENCE PASSWORD	C			
0022	Recipient's reference/password	M	an.. 14	N	
0025	Recipient's reference/password qualifier	C	an.. 2	N	
0026	APPLICATION REFERENCE	C	an.. 14	N	
0029	PROCESSING PRIORITY CODE	C	a1	N	
0031	ACKNOWLEDGMENT REQUEST	C	n1	N	
0032	COMMUNICATIONS AGREEMENT ID	C	an.. 35	N	
0035	TEST INDICATOR	C	n1	N	

Example : UNB+UNOA:1+HACTL+CLG+980115:1600+00022911'

UNH - M 1 - MESSAGE HEADER

Function : To head, identify and specify a message

Element	Element Name	M/C	Format	Req.	Meaning
0062	MESSAGE REFERENCE NUMBER	M	an.. 14	Y	Sender's unique message reference.
S009	MESSAGE IDENTIFIER	M			
0065	Message Type Identifier	M	an.. 6	Y	"IEMFMA"
0052	Message Type Version Number	M	an.. 3	Y	"D"
0054	Message Type Release Number	M	an.. 3	Y	"95A"
0051	Controlling Agency	M	an.. 2	Y	"IA"
0057	Association Assigned Code	C	an.. 6	N	"IATA01"
0068	COMMON ACCESS REFERENCE	C	an.. 35	O	Would be replied if specified in first message

Example: UNH+2+IEMFMA:D:95A:IA:IATA01'

BGM - M 1 - BEGINNING OF MESSAGE

Function: To start the message.

Element	Element Name	M/C	Format	Req.	Meaning
C002	DOCUMENT/MESSAGE NAME	C			
1001	Document/Message Name Coded	C	an.. 3	N	
1131	Code List Qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
1000	Document Message Name	C	an.. 35	N	
1004	DOCUMENT/MESSAGE NUMBER	C	an.. 35	N	
1225	MESSAGE FUNCTION, CODED	C	an.. 3	N	
4343	RESPONSE TYPE, CODED	C	an.. 3	N	

Example : BGM'

This segment does not contain any details but must be provided as the segment is mandatory.

UCM - M 1 - MESSAGE RESPONSE

Function: To identify the message in the original interchange.

Element	Element Name	M/C	Format	Req.	Meaning
S012	ORIGINAL MESSAGE REFERENCE	M			Original UNH content
0062	Message reference number	M	an.. 14	Y	
0068	Common access reference	C	an.. 35	N	
S009	MESSAGE IDENTIFIER	M			
0065	Message Type Identifier	M	an.. 6	Y	
0052	Message Type Version Number	M	an.. 3	Y	
0054	Message Type Release Number	M	an.. 3	Y	
0051	Controlling Agency	M	an.. 2	Y	
0057	Association Assigned Code	C	an.. 6	N	

Example : UCM+1+CUSEXP:D:95A:UN'

This segment is mandatory and is used to identify the original message

FTX - C 1 - FREE TEXT

Function: To provide free form or coded text information.

Element	Element Name	M/C	Format	Req.	Meaning
4451	TEXT SUBJECT QUALIFIER	M	an.. 3	Y	"Z03" = Acknowledgement description
4453	TEXT FUNCTION, CODED	C	an.. 3	N	
C107	TEXT REFERENCE	C			
4441	Free text, coded	M	an.. 3	N	
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
C108	TEXT LITERAL	C			
4440	Free Text	M	an.. 70	Y	Free Text
4440	Free Text	C	an.. 70	Y	Free Text
4440	Free Text	C	an.. 70	N	
4440	Free Text	C	an.. 70	N	
4440	Free Text	C	an.. 70	N	
3453	LANGUAGE, CODED	C	an.. 3	N	

Example : FTX+Z03+++AWB 000-00022911 UPDATED AT 1600 15JAN1995. REPLACE?:2, TOTAL?:2.'

This segment is used to provide the acknowledgement description. The second Free Text element (4440) would be used if additional information was provided.

ERC - M 1 - APPLICATION ERROR INFORMATION

Function: To indentify the type of application errors within a message.

Element	Element Name	M/C	Format	Req.	Meaning
C901	APPLICATION ERROR DETAIL	M			
9321	Application error, coded	M	an.. 3	Y	"1" - No correspondng ERR/ACK code(s) defined yet. See description of ERR/ACK encountered in FTX segment.
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
C901	APPLICATION ERROR DETAIL	C			
9321	Application error, coded	M	an.. 3	N	
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
C901	APPLICATION ERROR DETAIL	C			
9321	Application error, coded	M	an.. 3	N	
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
C901	APPLICATION ERROR DETAIL	C			
9321	Application error, coded	M	an.. 3	N	
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
C901	APPLICATION ERROR DETAIL	C			
9321	Application error, coded	M	an.. 3	N	
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	

Example: ERC+1'

This segment does not contains any details but must be provided as the segment is mandatory.

UNT - M 1 - MESSAGE TRAILER

Function : To end and check the completeness of a message.

Element	Element Name	M/C	Format	Req.	Meaning
0074	NUMBER OF SEGMENT IN A MESSAGE	M	n.. 6	Y	Includes UNH and UNT
0062	MESSAGE REFERENCE NUMBER	M	an.. 14	Y	Same as UNH

Example : UNT+6+2'

UNZ - M 1 - INTERCHANGE TRAILER

Function : To end and check the completeness of an interchange.

Element	Element Name	M/C	Format	Req.	Meaning
0036	INTERCHANGE CONTROL COUNT	M	n... 6	Y	Number of messages within an Interchange
0020	INTERCHANGE CONTROL REFERENCE	M	an.. 14	Y	Same as in 0020 in UNB

Example : UNZ+1+00022911'

11.5 Sample Message Acknowledgement Message

```
UNB+UNOA:1+HACTL+CLG+980115:1600+00022911'
UNH+2+IEMFMA:D:95A:IA:IATA01'
BGM'
UCM+1+CUSEXP:D:95A:UN'
FTX+Z03+++AWB 000-00022911 UPDATED AT 1600 15JAN1995. REPLACE?:2, TOTAL?:2.'
ERC+1'
UNT+6+2'
UNZ+1+00022911'
```

NOTE : An EDIFACT message is a line of text without any newline character. We split the sample message into lines for readability.

12. IEMFNA MESSAGE IMPLEMENTATION GUIDE

12.1 Message Function

The IATA EDIFACT Application Error(IEMFNA) message is to give details on application error(s) encountered.

12.2 Data Segment Clarification

The segments are listed in the order in which they would be transmitted in a message. This section should be read in conjunction with the Message Branching Diagram which indicates mandatory, conditional and repeating requirement for each segment or segment group.

UNH (Message Header)
A service segment starting, and uniquely identifying, the IEMFNA message.

BGM (Beginning of Message)
A segment to start the message.

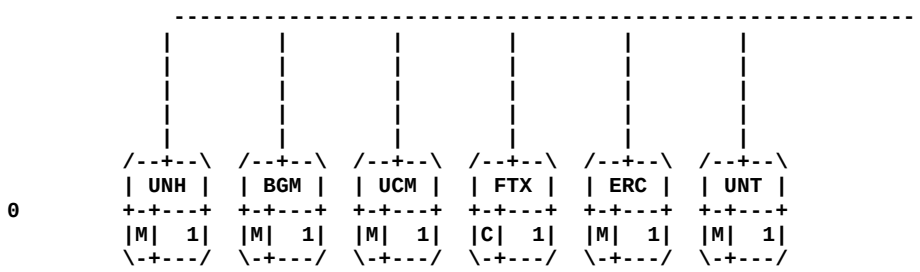
UCM (Message Response)
A segment to identify the message in the original interchange.

FTX (Free Text)
A segment to provide general information (remarks) regarding the while initial message.

ERC (Application Error Information)
A segment identifying the type of application error within the referenced message.

UNT (Message Trailer)
A service segment ending the message and giving the total number of segments and the reference number of the message.

12.3 Message Branching Diagram



12.4 Segment Layouts

UNB - M 1 - INTERCHANGE HEADER

Function : To start, identify and specify an interchange.

Element	Element Name	M/C	Format	Req.	Meaning
S001	SYNTAX IDENTIFIER	M			
0001	Syntax identifier	M	a4	Y	"UNOA" = Printable syntax
0002	Syntax version number	M	n1	Y	"1" = Version
S002	INTERCHANGE SENDER	M			
0004	Sender identification	M	an.. 35	Y	"HACTL"
0007	Partner identification code qualifier	C	an.. 4	N	
0008	Address for reverse routing	C	an.. 14	N	
S003	INTERCHANGE RECIPIENT	M			
0010	Recipient identification	M	an.. 35	Y	
0007	Partner identification code qualifier	C	an.. 4	N	
0014	Routing address	C	an.. 14	N	
S004	DATE/TIME OF PREPARATION	M			
0017	Date of preparation	M	n6	Y	Date of transmission in format YYMMDD
0019	Time of preparation	M	n4	Y	Time of transmission in format HHMM
0020	INTERCHANGE CONTROL REFERENCE	M	an.. 14	Y	Unique interchange no.
S005	RECIPIENTS REFERENCE PASSWORD	C			
0022	Recipient's reference/password	M	an.. 14	N	
0025	Recipient's reference/password qualifier	C	an.. 2	N	
0026	APPLICATION REFERENCE	C	an.. 14	N	
0029	PROCESSING PRIORITY CODE	C	a1	N	
0031	ACKNOWLEDGMENT REQUEST	C	n1	N	
0032	COMMUNICATIONS AGREEMENT ID	C	an.. 35	N	
0035	TEST INDICATOR	C	n1	N	

Example : UNB+UNOA:1+HACTL+CLG+980115:1600+00022911'

UNH - M 1 - MESSAGE HEADER

Function : To head, identify and specify a message

Element	Element Name	M/C	Format	Req.	Meaning
0062	MESSAGE REFERENCE NUMBER	M	an.. 14	Y	Sender's unique message reference.
S009	MESSAGE IDENTIFIER	M			
0065	Message Type Identifier	M	an.. 6	Y	"IEMFNA"
0052	Message Type Version Number	M	an.. 3	Y	"D"
0054	Message Type Release Number	M	an.. 3	Y	"95A"
0051	Controlling Agency	M	an.. 2	Y	"IA"
0057	Association Assigned Code	C	an.. 6	N	"IATA01"
0068	COMMON ACCESS REFERENCE	C	an.. 35	O	Would be replied if specified in first message

Example : UNH+2+IEMFNA:D:95A:IA:IATA01'

BGM - M 1 - BEGINNING OF MESSAGE

Function: To start the message.

Element	Element Name	M/C	Format	Req.	Meaning
C002	DOCUMENT/MESSAGE NAME	C			
1001	Document/Message Name Coded	C	an.. 3	N	
1131	Code List Qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
1000	Document Message Name	C	an.. 35	N	
1004	DOCUMENT/MESSAGE NUMBER	C	an.. 35	N	
1225	MESSAGE FUNCTION, CODED	C	an.. 3	N	
4343	RESPONSE TYPE, CODED	C	an.. 3	N	

Example : BGM'

This segment does not contain any details but must be provided as the segment is mandatory

UCM - M 1 - MESSAGE RESPONSE

Function: To identify the message in the original interchange.

Element	Element Name	M/C	Format	Req.	Meaning
S012	ORIGINAL MESSAGE REFERENCE	M			Original UNH content
0062	Message reference number	M	an.. 14	Y	
0068	Common access reference	C	an.. 35	N	
S009	MESSAGE IDENTIFIER	M			
0065	Message Type Identifier	M	an.. 6	Y	
0052	Message Type Version Number	M	an.. 3	Y	
0054	Message Type Release Number	M	an.. 3	Y	
0051	Controlling Agency	M	an.. 2	Y	
0057	Association Assigned Code	C	an.. 6	N	

Example : UCM+1+CUSEXP:D:95A:UN'

This segment is mandatory and is used to identify the original message

FTX - C 1 - FREE TEXT

Function: To provide free form or coded text information.

Element	Element Name	M/C	Format	Req.	Meaning
4451	TEXT SUBJECT QUALIFIER	M	an.. 3	Y	"AA0" = Error description
4453	TEXT FUNCTION, CODED	C	an.. 3	N	
C107	TEXT REFERENCE	C			
4441	Free text, coded	M	an.. 3	N	
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
C108	TEXT LITERAL	C			
4440	Free Text	M	an.. 70	Y	Free Text
4440	Free Text	C	an.. 70	N	
4440	Free Text	C	an.. 70	N	
4440	Free Text	C	an.. 70	N	
4440	Free Text	C	an.. 70	N	
3453	LANGUAGE, CODED	C	an.. 3	N	

Example : FTX+AA0+++DUPLICATE HWB NO'

This segment is used to provide the application error description

ERC - M 1 - APPLICATION ERROR INFORMATION

Function: To indentify the type of application errors within a message.

Element	Element Name	M/C	Format	Req.	Meaning
C901	APPLICATION ERROR DETAIL	M			
9321	Application error, coded	M	an.. 3	Y	"1" - No correspondng ERR/ACK code(s) defined yet. See description of ERR/ACK encountered in FTX segment.
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
C901	APPLICATION ERROR DETAIL	C			
9321	Application error, coded	M	an.. 3	N	
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
C901	APPLICATION ERROR DETAIL	C			
9321	Application error, coded	M	an.. 3	N	
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
C901	APPLICATION ERROR DETAIL	C			
9321	Application error, coded	M	an.. 3	N	
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	
C901	APPLICATION ERROR DETAIL	C			
9321	Application error, coded	M	an.. 3	N	
1131	Code list qualifier	C	an.. 3	N	
3055	Code list responsible agency, coded	C	an.. 3	N	

Example : ERC+1'

This segment does not contains any details but must be provided as the segment is mandatory.

UNT - M 1 - MESSAGE TRAILER

Function : To end and check the completeness of a message.

Element	Element Name	M/C	Format	Req.	Meaning
0074	NUMBER OF SEGMENT IN A MESSAGE	M	n.. 6	Y	Includes UNH and UNT
0062	MESSAGE REFERENCE NUMBER	M	an.. 14	Y	Same as UNH

Example : UNT+6+2'

UNZ - M 1 - INTERCHANGE TRAILER

Function : To end and check the completeness of an interchange.

Element	Element Name	M/C	Format	Req.	Meaning
0036	INTERCHANGE CONTROL COUNT	M	n... 6	Y	Number of messages within an Interchange
0020	INTERCHANGE CONTROL REFERENCE	M	an.. 14	Y	Same as in 0020 in UNB

Example : UNZ+1+00022911'

12.5 Sample Application Error Message

```
UNB+UNOA:1+HACTL+CLG+980115:1600+00022911'
UNH+2+IEMFNA:D:95A:IA:IATA01'
BGM'
UCM+1+CUSEXP:D:95A:UN'
FTX+AA0+++DUPLICATE HWB NO'
ERC+1'
UNT+6+2'
UNZ+1+00022911'
```

NOTE : An EDIFACT message is a line of text without any newline character. We split the sample message into lines for readability.

13. LISTING OF SYSTEM RESPONSES

13.1 Messages reply when requests are completed successfully

Message	Explanation
1. AWB 111-12345675 UPDATED AT 1600 15JAN1995.	1. Submitted file is completed and successful. The air waybill number and the message completion date time would be shown. The updating mode includes ADD, CHANGE, DELETE, REPLACE, and ORIGINAL.
2. RECORD NOT CHANGED	2. Update is not done since submitted information is the same as COSAC image

Note:

The number of house updated and remained in the system are attached at the end of the message one.
Example: AWB 111-12345675 UPDATED AT 1600 15JAN1995. ADD:2, TOTAL:2.

13.2 Messages reply when errors are encountered (Data submitted is not updated)

Master level error message	Explanation
1. AWB PIECES MUST BE <= 99999 or AWB PIECES MUST BE > 0	1. The consignment pieces must be fall in the range : 0 < consignment pieces <= 99999
2. AWB WEIGHT MUST BE <= 999999.5 or AWB WEIGHT MUST BE >= 0.1	2. The consignment weight must be fall in the range : 0.1 <= consignment weight <= 999999.5
3. AWB ORIGIN/DESTINATION CANNOT BE BLANK	3. The consignment city origin or destination must be supplied (Pls refer to section 7.5)
4. BLACKLIST AWB ENCOUNTERED, CNR NOT UPDATED	4. The consignment is blacklisted by airline and cannot be updated.
5. INVALID AWB CHECK DIGIT, CNR NOT UPDATED	5. The air waybill check digit is not correct and the consignment is not updated.
6. INVALID AWB PREFIX, CNR NOT UPDATED	6. The air waybill prefix is '000' or the air waybill is blank and the consignment is not updated.
7. INVALID FLIGHT ID	7. The element 8028 of section 7.10 is not correct for non-IATA MWB.
8. WRONG AWB DESTINATION WRONG AWB ORIGIN	8. The consignment city origin and destination are not alphabetic.
9. WRONG AWB ORIGIN AND DESTINATION	9. The consignment city origin and destination are the same.

House level error message	Explanation
1. DUPLICATE HWB NO	1. House waybill must be unique for every house record. Therefore, duplicate house waybill is not allowed.
2. CONSIGNEE ADDRESS CANNOT BE BLANK or CONSIGNEE NAME CANNOT BE BLANK or HWB DESCRIPTION CANNOT BE BLANK or HWB DESTINATION CANNOT BE BLANK or HWB ORIGIN CANNOT BE BLANK or SHIPPER ADDRESS CANNOT BE BLANK or SHIPPER NAME CANNOT BE BLANK	2. The specified fields are mandatory and must be supplied in house level declaration. (Pls refer to section 7.23,7.24 and 7.26)
3. HWB PIECES MUST BE <= 99999 or HWB PIECES MUST BE > 0	3. House waybill pieces must fall in the range:

	0 < house waybill pieces <= 99999
4. HWB WEIGHT MUST BE <= 999999.5 or HWB WEIGHT MUST BE >= 0.1	4. House waybill weight must fall in the range: 0.1 <= house waybill weight <= 999999.5
5. NO HWB DECLARED	5. House waybill must be declared in the submitted file.
6. NO SUCH HWB NO	6. The house waybill is not found in COSAC for change or delete based on the updating mode of the submitted file.
7. WRONG DECLARED VALUE FOR CUSTOMS	7. The declared value for customs must be within the range: 0 <= declared value <= 999999999999
8. WRONG HWB ORIGIN AND DESTINATION	8. The house city origin and destination are the same.
9. NOTIFY PARTY NAME MUST BE ENTERED or NOTIFY PARTY ADDRESS MUST BE ENTERED	9. The notify party name and address must be entered in pair.
10. WRONG DECLARED VALUE FOR CARRIAGE	10. The declared value for carriage must be within the range: 0 <= declared value <= 999999999999
11. WRONG AMOUNT OF INSURANCE	11. The amount of insurance must be within the range: 0 <= amount of insurance <= 99999999999
12. WRONG SHIPPER COUNTRY CODE or WRONG CONSIGNEE COUNTRY CODE or WRONG NOTIFY PARTY COUNTRY CODE	12. The country code of the shipper, consignee and notify party must exist in ISO country code list.
13. SPACE LEADING / WITHIN HWB NUMBER IS NOT ALLOWED	13. House waybill number must be without leading space or space in between.
14. HWB NUMBER MUST BE IN CAPITAL LETTER	14. House waybill number must be in captical letter.
15. CANNOT DELETE RECORD, REGISTERED LICENCE ON HWB.	15. House waybill record could not be deleted in registered licence from Trade Department was received.
16. HWB RECORD HAS BEEN SUBMITTED TO CUSTOMS, CANNOT UPDATE HWB	16. House level declaration cannot be updated: • if house waybill has already been submitted to ACCS in Full Flight Manifest OR • if house waybill created after Full Flight Manifest has already been submitted to ACCS.
17. WRONG CONTACT IDENTIFIER	17. The contact identifier should be “TE”, “TL” or “FX” only.
18. WRONG CONTACT DETAIL FORMAT	18. The content of contact detail only allows alphanumeric (A-Z, 0-9).
19. WRONG SPECIAL HANDLING CODE	19. The special handling code is not IATA special handling code.
20. SLAC MUST BE NUMERIC AND >=0 OR <= 99999	20. SLAC must fall in the range: 0 <= SLAC <= 99999

Other error message	**Explanation**
1. AGENT CODE MISSED OR INVALID	1. Agent code must be supplied to COSAC. (Pls refer to section 7.7)
2. SYSTEM ERROR *9999* ENCOUNTERED, PLEASE	2. System error occurred - COSAC service

CONTACT HACTL SUPPORT.	is not available due to unexpected error. Please contact our support for problem tracing.
3. DATABASE IS NOT ACCESSIBLE, PLEASE CONTACT HACTL SUPPORT.	3. System error occurred - COSAC database is not accessible at the time of data submission. Please try again later or contact our support for problem tracing.
4. TRANSACTION TIMEOUT. PLEASE SPLIT THE FILE AND RE-SUBMIT AGAIN.	4. The transaction could not be completed and timeout by the system. The problem may be caused by too many house waybills in one message. Please split the message into smaller pieces and re-submit again. If the problem could not be solved, please contact our support for problem tracing.
5. FUNCTION CODE MISSED	5. Function code must be supplied. (Pls refer to section 7.3 for definition and usage of function code)
6. INVALID FUNCTION CODE	6. Function code supplied is not valid. (Pls refer to section 7.3 for definition and usage of function code)
7. INCOMPLETE MESSAGE. PLEASE CHECK THE FORMAT OF YOUR CUSEXP MESSAGE.	7. Syntax error was found in the submitted file. Please check if correct file is submitted or correct the message syntax and try to submit the file again. If the problem could not be solved, please contact our support for problem tracing.
8. NOT AUTHORIZED TO UPDATE THE CNR	8. Only the responsible agent is allowed to update the house manifest.
9. RECORD IS BEING UPDATED BY OTHER USER, PLEASE TRY AGAIN LATER.	9. COSAC record is being updating by other user. Pls try again later. If the problem could not be solved, please contact our support for problem tracing.
10. RECORD WAS UPDATED BY OTHERS, PLEASE TRY AGAIN.	10. The record was updated by other user. Pls try again later.
11. MAXIMUM 2500 HWBS ARE ALLOWED IN ONE MASTER AWB.	11. Maximum 2500 house waybill per consignment can be stored in COSAC.
12. WRONG FUNCTION CODE	12. Original function code was used but house manifest of the updating AWB was already existed. Pls refer to section 7.3 for the usage of function code.
13. WRONG REFERENCE NUMBER	13. The message reference number is not correct in submitted file. The last character of the message reference number must be a digit (Pls refer to section 7.2)
14. MESSAGE TYPE NOT SUPPORTED	14. The message type identifier specified in element 0065 of UNH segment is not CUSEXP.

Note:

1. Air waybill number is attached at the end of the Master level error messages.
   Example: BLACKLIST AWB ENCOUNTERED, CNR NOT UPDATED, AWB: 160-34052421
2. House waybill number is attached at the end of the House level error messages.
   Example: NO SUCH HWB NO, HWB: 12345678

14. UN/EDIFACT - A BRIEF DESCRIPTION

The UN/EDIFACT standard has developed in response to the growing need for a common standard for data transmission using EDI facilities.

UN/EDIFACT is defined as the United Nations rules for Electronic Data Interchange for Administration, Commerce and Transport. They comprise a set of internationally agreed standards, directories and guidelines for the electronic interchange of structured data, and in particular that related to trade in goods and services, between independent computerized information systems.

A UN/EDIFACT transmission consists of one or more UN/EDIFACT messages, each of which consists of logically grouped segments. Each message starts with a leader segment and ends with a trailer segment.

Depending on size and type, messages can be divided into three distinct sections : header, detail and summary. A header section will contain data that is relevant to the whole message. The detail section contains data relevant to a particular item that can occur a number of times within a message (e.g. invoice line, customs item). The summary section contains summary and control information relevant to the whole message.

A data segment is an intermediate unit of information in a message. It consists of a set of pre-defined, functionally related data elements. Segments can be mandatory or conditional. In general, only specified segments (such as the service segments, header segments and certain trailer segments) are mandatory.

It should be noted that the mandatory or conditional status of a segment, composite or data element is not directly related to the mandatory or conditional status of any data items required for a specific Customs procedure in which the message is used. For example "country of origin code" may be mandatory data for a Customs procedure in a particular country but may not be required in the application of the same procedure in another country. If the segment is designated as mandatory in the UNSM it will always have to be transmitted. This will cause problems for the country that does not require the data. If the segment in the UNSM is designated as conditional, the country not requiring the data will not have to transmit the segment. However the country which requires the data can indicate in their user guide for the message that the data must always be transmitted. As messages are designed for as wide a use as possible segments with a status of mandatory are kept to a minimum.

Each data segment has a specific position within the sequence of segments in a message. Segments can appear on their own or as part of a group.

A data element is the smallest unit of information in a segment. Two or more data elements may be grouped together to form a composite data element. Like segments, data elements can have a status of either mandatory or conditional.

15. REFERENCE DOCUMENTS

1. UN/EDIFACT syntax rules (ISO 9735)
2. UN/EDIFACT syntax implementation guidelines
3. UN/EDIFACT message design guidelines

Note : The reference documents can be obtained from the URL: *http://www.unece.org/trade/untdid/* under the heading "PART 4 UNITED NATIONS RULES FOR ELECTRONIC DATA INTERCHANGE FOR ADMINISTRATION, COMMERCE AND TRANSPORT".