

Aruba Customs Department



User Guide for IATA Cargo XML Filing
to ASYCUDAWorld System
Aruba Customs



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Introduction

The objective of this document is to provide guidance to filers that submit advance electronic data to the ASYCUDAWorld application in the Cargo-XML format published in the International Air Transport Association (IATA) Cargo XML Toolkit.

The document addresses the following topics:

- ❖ Data Standards
- ❖ Filing Timelines
- ❖ Eligible Filers
- ❖ Technical Setup with Customs
- ❖ Business Rules and Processes

Figure 1 depicts the layout of this document.

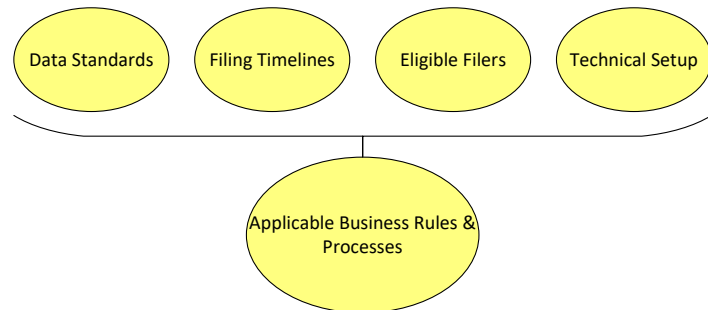


Figure 1

1. Data Standards

ASYCUDA World System accepts the IATA Cargo XML messages, and the corresponding versions as identified in the following table.

IATA Cargo XML Message	Version	Document Equivalent	Message Purpose
XFFM	2.00/ 3.00	Flight Manifest	To transmit details of consignments loaded on a single flight to customs.
XFWB	3.00/ 4.00	Air Waybill	To transmit a complete set of data related to an Air Waybill to customs.
XFZB	3.00	House Air Waybill	To transmit a complete set of data related to a House Air Waybill to customs.
XFNM	3.00	Response	To receive Custom response (acknowledge or error) notices.

Notes:

- ❖ ASYCUDA World accepts single batch or individually transmitted messages.
- ❖ Files that belong to the same consignment can be sent together in a single e-mail as XML attachments
- ❖ Sequencing is not important i.e. XFFM can be transmitted before/after/in between XFWB and XFZB messages, XFZB can be transmitted before/after XFWB, XFFM.

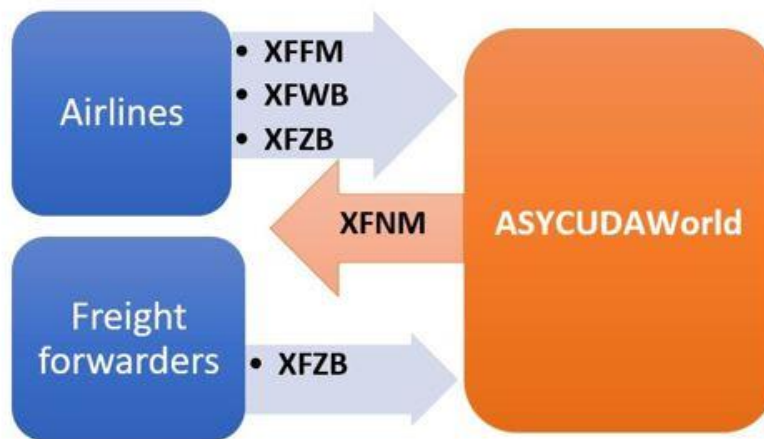
2. Filing Timelines

All cargo shall be reported electronically to Customs prior to the cargo's actual arrival in Aruba. Customs requires that the cargo declaration must be filed by the Commander of an aircraft soon after take-off.

3. Eligible Filers

For ASYCUDAWorld participation, there are two types of eligible filers that may originate and transmit IATA Cargo XML messages: Carriers and Freight Forwarders. Each filer is responsible of the data it owns. The table below indicates the Filers and their respective messages.

Sr#	Filing Party	Messages
1	Freight Forwarder or its authorized 3 rd party	House Waybill (XFZB)
2	Carrier or its authorized 3 rd party	Flight Manifest (XFFM) Air Waybill (XFWB) House Waybill (XFZB) when available
3	Express Operators	Flight Manifest (XFFM) when they use their own aircraft Air Waybill (XFWB) House Waybill (XFZB)



Notes:

- ❖ Authorized 3rd party could be a carrier, Ground handler, IT Service Provider or any other party who has the capability to connect with customs.
- ❖ One authorized 3rd party could file on behalf of multiple parties.
- ❖ Carrier prior consent is required if a freight forwarder chooses self-filing or a 3rd Party other than issuing Carrier.
- ❖ ASYCUDAWorld generally accepts XFFM and respective XFWBs and XFZBs from the same filers, however, it processes these messages even if the filers are different.

4. Technical Setup

Technical setup is pre-requisite to start exchanging electronic information with customs. It is a 3-step approach (depicted in Figure 2).

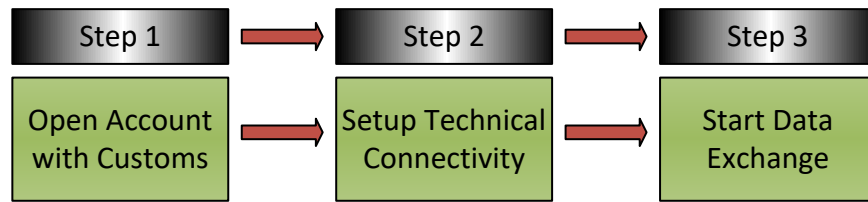


Figure 2

Step 1: Open Account with Customs

The filer must be registered with Customs using the registration form (template attached in Annex A). Filers are to notify the ASYCUDAWorld Administrator when any of the information has changed.

Step 2: Setup Technical Connectivity

Customs will setup an account for the user based on the registration request and will provide necessary connectivity information i.e. SMTP/email address or Web Service authorized login or both.

Step 3: Start Data Exchange

Once approved, filters can start the test transmission using the IATA Cargo-XML standards mentioned above.

Notes:

- ❖ ASYCUDAWorld only accepts messages from the registered users.
- ❖ Users are registered by message types therefore freight forwarder or its authorized 3rd party cannot transmit XFWB and XFFM.

5. Business Rules and Processes

This section provides additional business rules regarding segments and tags of the IATA Cargo XML messages which the ASYCUDAWorld accepts, in accordance with the IATA C-XML Manual.

A. General Rules Applicable to All Messages

- **Standards Rules for all messages**
- ❖ ASYCUDAWorld only accepts XML messages compliant with IATA Cargo-XML schemas. Mandatory fields are completed with valid values; conditional field's value must satisfy the condition.
- ❖ ASYCUDAWorld generates a unique response message (XFNM) for each XFWB, XFZB and XFFM message received from an authorized Cargo XML filer. The XFNM is sent to airlines and service providers when XFFM, XFWB and XFZB are received, processed or contain errors.
- ❖ Only XML files are accepted. The C-XML messages are to be sent by e-mail separately, one message per e-mail or in a single e-mail all messages belonging to one specific consignment. In this case, make sure that the messages are XML attachments in the e-mail. In case the option one message per e-mail is selected, then it is also possible to send the message as a body text. Make sure in this case that the e-mail body does not contain any footer or pictures.
- ❖ The message key in ASYCUDAWorld is made of the combination of the message header id + the business header id. In case we have the same combination, we discard the message and don't process it again. In case an error occurs, and the system is unable to process a given file, the airline can send it again and will have a different message header id but same business header

id. This scenario can be used for update purposes or once the bug is fixed and the file can be processed.

- ❖ For message deletion use purpose code Deletion in the message header segment
- ❖ For message update use purpose code Update in the message header segment
- ❖ For new message creation use purpose code Creation in the message header segment

B. Air Waybill (XFWB) and House Waybill (XFZB) Business Rules

- ❖ Once a filer successfully creates an **ASYCUDAWorld** record using the XFWB/XFZB, the filer may not “create” another AWB record using the same number for a period of 365 days.
- ❖ Update to existing Air Waybill (XFWB)/House Waybill (XFZB) records are allowed by original sender using appropriate purpose code in the message header before registration of the manifest in ASYCUDA World. Update after the flight manifest filing could only be done through the ASYCUDA application framework.
- ❖ Deletion of existing Air Waybill (XFWB)/House Waybill (XFZB) records are allowed by original sender before registration of the manifest in ASYCUDA World.
- ❖ XFWB/XFZB message, with purpose code update with new message header ID will create a new XFWB/XFZB record but will update the same linked air waybill in ASYCUDAWorld.
- ❖ Ensure using type code 740 for simple shipments and 741 for Consolidation. Type Code 740 must not have any House Waybill(s) associated with it. We should not have XFZBs linked to a XFWB having type code 740

Note: In Aruba, the manifest must be registered upon arrival. Amendments to a stored manifest are allowed except for its key the customs office code, the voyage number and the date of departure. Agents can request amendment to waybills through AW functionality. Customs may charge in the future fines for submission delays depending on the case.

C. Flight Manifest Business Rules

- ❖ ASYCUDAWorld is processing all manifests regardless to the proposed departure date. ASYCUDAWorld will reject the XFFM messages that contain a Scheduled Departure date that is, for example, more than 60 days before **ASYCUDA World** receives the message. This value shall be configured at a National level.
- ❖ ASYCUDAWorld ignores the XFFM if Unique Flight Reference has already successfully processed.
- ❖ Any Flight Manifest changes are only allowed through the ASYCUDA application framework.
- ❖ XFFM message must contain the scheduled Date and Time of Arrival. Note: this is optional in IATA Messages, however mandatory for Customs.

D. Response (XFNM) Data Element Rules

- ❖ The response message can have one of the three following statuses; Processed, Receiver or Rejected

- ❖ Response Type value of “Processed” means that the ASYCUDAWorld system has validated and processed the file. The manifest or the air waybill is available in ASYCUDAWorld
- ❖ Response Type value of “Received” means that the ASYCUDAWorld system has validated the file and put it on hold. This scenario happens in case a master air waybill XFWB is sent while its XFFM manifest file that belongs to it was not sent yet. Same wise, we have the received value in case a house air waybill XFZB is sent while its master air waybill XFWB file was not sent yet
- ❖ Response Type value of “Rejected” may identify one or more errors from the originally submitted message.
- ❖ ASYCUDAWorld assesses and generates a response to each message as it is received regardless of the filer submits the records asynchronously or as a “batch.”
- ❖ The Airline /Service provider can choose to receive acknowledgments for processed files only or for both received and processed files.
- ❖ Please note that ASYCUDA doesn’t generate a unique transaction number such as MRN.
- ❖ Original Document Identification Value is the Message Reference ID provided by the filer in the input message.

In case of Acknowledgements:

- For XFWB, it is the Air Waybill number.
- For XFZB, it is the Air Waybill+”-“+House Waybill number
- For XFFM, it is the Carrier code followed by flight number followed by original schedule departure date and followed by schedule departure location code

In case of an error:

Message header id and message business header id of the original sent files will be used

- ❖ Response Detail: The response details are used in AW especially for the errors. It contains error details such as missing mandatory data in XML file or wrong format being used to guide airlines and service providers. In case of acknowledgement and the XML message file is correct, ASYCUDAWorld will show N.A for not available

E. Scenario of Part Shipments

In regards of part shipments, the trader has in general a master airwaybill with the same number for the second part. Let’s assume that the waybill reference is X. Basically, you have a manifest M1 including this master airwaybill X with the first part of the goods and then you will have another manifest M2 including air waybill X with the remaining part of the goods. In other words, XFFM M1 has XFWB X as part of the list of the air waybills and XFFM M2 has XFWB X as well.

To avoid confusion and make sure that the second part is properly connected in ASYCUDA with Manifest M2, **you need to make sure that Manifest M1 is registered before sending the second part shipments.** Otherwise, the system will think that it is an update of the manifest M1.

That’s why in IATA Solution within ASYCUDA, **an Email alert is sent upon manifest registration.**

The legal representative filer of a given airline receives an email from ASYCUDA on the email contact that he has provided as an XFNM acknowledgment attached as part of the email, this confirmation is a kind of hint to the filer to send the second part of the part shipment.

We need to avoid sending this second part before the registration of M1, in case you don't do it the system will still link it to M1 thinking that it is related to M1 and will reject it especially if the purpose code is Creation. The XFFM M1 will be deleted at manifest document registration in ASYCUDA. It will make sure that the system finds only XFFM M2 and links properly the second part of the waybill.



Annex A – ASYCUDAWorld Filer Information Form Template

Required Element		Filer Information
Agent of the Filer /Airline Name: The commonly known commercial name of the data provider		<input type="text"/>
Agent of the Filer /Airline Type:		<input checked="" type="radio"/> Carrier <input type="radio"/> Freight Forwarder
Address: Physical or mailing address of the data provider for contact purposes		<input type="text"/>
Telephone Number: Phone number for account Point of Contact		<input type="text"/>
Email: A valid e-mail address to which Data Provider Account information – username and password - may be sent		<input type="text"/>
Email: Valid e-mail addresses (one or many) to receive technical responses (Errors or Acknowledgements) from Customs		<input type="text"/>
Email: Valid e-mail addresses (one or many) from which data is filed to ASYCUDAWorld Customs System		<input type="text"/>
Connection Means: An indication of how the Data Provider will connect to the ASYCUDAWorld application (boxes can be ticked in the same time)		Web Service <input type="checkbox"/>
Authorized 3rd Party Name: The commonly known commercial name of the data provider		<input type="text"/>
Filing Mechanism:		Web Service:
Filer Certification		
Name of Authorized Representative	Signature	Date
Customs Acknowledgement		
Name of Authorized Representative	Signature	Date



Annex B – Sample Connectivity Details and Deployment Planning

Technical Requirement	Customs Information
Communication	Web services
Details of Communication Protocols	<p>Every carrier will receive through official communication from the Aruba Customs Department the web service URL and the linked documentation with examples</p> <p>Freight forwarders and express operators will use the same web service details and will set the parameters following the airline code on which the consignment / goods are sent</p> <p>Freight forwarders and express operators can work with many carriers and hence send data on different cargo carriers</p> <p>In case of Data filing through Web services, all users will use the same UR L communicated by Aruba Customs. Authentication will be required, and all used must use the credentials that have been assigned to them</p>

Task	Schedule
Legal Basis	
Pilot Start Date	25/05/2026
Pilot End Date	31/08/2026
Enforcement Date	01/09/2026
Information Availability (website, etc.)	Web portal https://www.douane.aw
Point of Contact	Aruba Customs Department Point of Contact



Annex C – Contacts and Focal Points

Registration forms mentioned in Annex A should be submitted within the next two weeks to the following contact people from the Aruba Customs Department

Contact Name	Email Address
Rocio Hayer	Asycudaworld@douane.aw
Marjorika van der Bliëk	Asycudaworld@douane.aw
Simon Becker	Asycudaworld@douane.aw
Mildred M. Franken-Peña	Asycudaworld@douane.aw

Phone numbers:

During the prototype phase, airlines and freight forwarders can be assisted during the filing data exercise by the following persons

Contact Name	Email Address	Administration /Organization
Rocio Hayer	Asycudaworld@douane.aw	Aruba Customs
Marjorika van der Bliëk	Asycudaworld@douane.aw	Aruba Customs
Simon Becker	Asycudaworld@douane.aw	Aruba Customs
Mildred M. Franken-Peña	Asycudaworld@douane.aw	Aruba Customs
Laurent Rey	Laurent.rey@unctad.org	United Nations Conference on Trade and Development
Ouassim Gahbiche	Ouassim.gahbiche@unctad.org	United Nations Conference on Trade and Development



Annex D – Web Service Accounts Summary for Filing C-XML Data Through Web Services on Prototype

Shipping Agent	Airline IATA Code	Airline ICAO Code	Airline Name	Airline Prefix	Nationality	Web Service Login
American Airlines	AA	AAL	American airlines	001	US	AA#001
General Air Services	4I	KES	Air Antilles	875	Guadeloupe	4I#875
	G0	GAL	Albatros	261	Venezuela	G0#261
	DM	DWI	Arajjet	181	Dominican Republic	DM#181
	AG	ARU	Aruba Airlines	123	Aruba	AG#123
	AV	AVA	Avianca	134	Colombia	AV#134
	DL	DAL	Delta Airlines	006	US	DL#006
	3R	DVR	Divi Divi Air	-	Curaçao	3R.WS
	7Z	EZR	EZ Air	-	Curaçao	7Z.WS
	F9	FFT	Frontier Airlines	422	US	F9#422
	8I	NLU	Insel Air	778	Curaçao	8I#778
	KL	KLM	KLM	074	Netherlands	KL#074
	LP	LPE	Latam	999	Peru	LP.WS
	5L	GAO	LIAT	140	Antigua and Barbuda	5L#140
	C2	MTN	Mountain Air (FEDEX)	023	US	C2#023
	WN	SWA	Southwest	526	US	WN#526
	PY	SLM	Surinam Airways	192	Suriname	PY#192
	SY	SCX	Sun Country	337	US	SY#337
	OR	TFL	Tui Airlines Netherlands	178	Netherland	OR#178
	UA	UAL	United Airlines	016	US	UA#016
	U7	UCG	Uniworld Cargo	-	Panama	U7.WS
WM	WIA	Winair	295	St Maarten	WM#295	
AC	ACA	Air Canada	014	Canada	AC#014	
Y2	CEY	Air Century	677	Dominican Republic	Y2#677	
AGS Aviation	CM	CMP	Copa Airlines	230	Panama	CM#230
	B6	JBU	JetBlue	279	US	B6#279
	WS	WJA	Westjet	838	Canada	WS#838

Ground Services	P5	RPB	Wingo	715	Colombia	P5#715
	AR	ARG	Aerolineas Argentinas	044	Argentina	AR#044
	DO	SHH	Sky High Aviation	-	Dominican Republic	DO.WS

Express Operators	Web Service Login
DHL	DHL#WS
FEDEX	FED#WS
UNIWORLD	UNI#WS