



AFIP-SDG SIT DI INAD

WebService
wGesInfAntlataXFWB

DEVELOPER'S MANUAL

Flight advanced information
Transference of the
flight manifest
XFWB document
(Waybill Message)

Revision on June 24, 2019



History of correction

See	Date	Edition	Description
1.0	08/04/2014	A. Giménez	Initial version of the document.
1.1	11/04/2014	A. Giménez	Corrections: URL address of the Service, NameSpace and Prerequisite considerations.
1.2	26/06/2014	A.Gimenez	Corrections: Data Type NroTransaccion. Error Code Table.
1.3	27/08/2014	A.Gimenez	Corrections: The name of the XFWB property is changed to Waybill in the ReqInfAntlataXFWB structure.
1.4	26/09/2014	A.Gimenez	Error message #: 42034 is added.
1.5	24/02/2015	A.Gimenez	The Prefix (IATA Code of the airline) is included in the Authentication property.TipoAgente
1.6	19/02/2018	R. Benveniste	Error code is included when validating CUIT
1.7	24/06/2019	L. Alanis	Error messages are added.



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BACKGROUND

INTRODUCTION

General Resolution Nro.: 3596

OBJECTIVE AND SCOPE

To introduce the guidelines to use of the “wGesInfAntlataXFWB” WS and transfer the advanced information of the XFWB document (Waybill Message)

PREREQUISITES:

In order to use the WS, AFIP has another authentication WS where you must previously request the Connection ticket with which the entry to the business WS will be validated.

Information on how to request the ticket and the corresponding certificates can be found in the following links:

- General Considerations <http://www.afip.gob.ar/ws/#wes>
- WSAA - Authentication and Authorization WebService <http://www.afip.gob.ar/ws/#WSAA>

For any questions regarding the approval of the WS Authentication and Authorization process, send an email to the following address webservices@afip.gob.ar

Considerations:

The name of the Service to request the Token and Signature must be all lowercase (wgesinfantiataxfwb).



BUSINESS WS

SERVICE SPECIFICATIONS

Name	wGesInfAntlataXFWB.asmx				
NameSpace	ar.gob.afip.dia.serviciosWeb.wGesInfAntlataXFWB				
Location	Testing	https://testdia.afip.gob.ar/Dia/Ws/wGesInfAntlataXFWB/wGesInfAntlataXFWB.asmx			
	Production	https://Servicios1.afip.gob.ar/Dia/Ws/wGesInfAntlataXFWB/wGesInfAntlataXFWB.asmx			
WebMethods	InfAntlataXFWB	Description	Transferencia del Documento XFWB		
		Entry parameters	Parameters	Description	Type
			argAutentica	Authentication	Authentication
			argInfAntlataXFWB	Transaction and Waybill No.	ReqInfAntlataXFWB
	Exit results	InfAntlataXFWBResponse	Acknowledgment of receipt Doc. XFNM	String	
	Dummy	Description	Returns the structure state		
Exit results		Structure WSDummyResponse			



STRUCTURES

Name:	Authentication	
WebMethod Rel.	InfAntlataXFWB	
Property	Description	Type
Cuit	Cuit of the connection agent	String
TipoAgente	Code of the type of agent and prefix (IATA code of the airline)	String
Rol	Role of the agent	String
Token	Token	String
Sign	Signature	String

Name:	ReqInfAntlataXFWB	
WebMethod Rel.	InfAntlataXFWB	
Property	Description	Type
NroTransaccion	Transaction number	Long
Waybill	Waybill document	WaybillType

Name:	WaybillType	
WebMethod Rel.	InfAntlataXFWB	
Reference	XFWB document (Version 2.0) -> Documentation (IATA Cargo-XML Message Manual and Toolkit.)	

Name:	InfAntlataXFWBResponse	
WebMethod Rel.	InfAntlataXFWB	
Reference	XFNM document (Version 2.0) -> Documentation (IATA Cargo-XML Message Manual and Toolkit.)	



Name:	WsDummyResponse	
WebMethod Rel.	Dummy	
Property	Description	Type
Appserver	App server response	String
Dbserver	Database server response	String
Authserver	Ticket service response	String



PROPERTIES OF THE AUTHENTICATION STRUCTURE

Property	Description	Type	Value	Obligation
Cuit	Cuit of the officer	C(11)	Cuit of the Connection officer	S
TipoAgente	Code of the type of agent and prefix (IATA code of the airline)	C(4)	TRSP	S
		C(3)	Prefix (IATA code of the airline)	S
UsuRol	Role	C(4)	EXTE	S
Token	Token	-	Token given by WsAA	S
Sign	Signature	-	Signature given by WsAA	S

ERRORS / DESCRIPTION, USER AUTHENTICATION

In case of anomalies, the following error codes shall appear

Validation ID	Error code	Error message
Transaction	7004	Internal Error
User	7005	Expired Token
User	7006	Signature needed
User	7007	Token needed
User	7008	Invalid Token
User	7013	The Service does not correspond to the one reported in the Token
User	7014	Cuit with which you want to operate is not informed
User	6005	Invalid CUIT, CUIL and/or agent type for the service
User	6006	Invalid role for agent type and requested service
User	6003	Connection validation does not match the selected options



WEBMETHODS

INFANTIATAXFWB

```
<WebMethodAttribute(Description := "Transferencia del Documento XFwb Informacion Anticipada Aerea IATA")>  
Public Function InfAntIataXFwb( _  
    ByVal argAutentica As Autenticacion, _  
    ByVal argInfAntIataXFwb As ReqInfAntIataXFwb _  
) As String
```

Transference of the advanced information of the XFwb document (Waybill Message)

Structure of the entry parameters

```
POST /wGesInfAntIataXFwb.asmx HTTP/1.1  
Host: localhost  
Content-Type: application/soap+xml; charset=utf-8  
Content-Length: length  
  
<?xml version="1.0" encoding="utf-8"?>  
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
xmlns:xsd="http://www.w3.org/2001/XMLSchema"  
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">  
  <soap12:Body>  
    <InfAntIataXFwb xmlns="ar.gob.afip.dia.serviciosWeb.wGesInfAntIataXFwb">  
      <argAutentica>  
        <Cuit>string</Cuit>  
        <TipoAgente>string</TipoAgente>  
        <Rol>string</Rol>  
      </argAutentica>  
      <ReqInfAntIataXFwb xmlns="iata:waybill:1">  
        <NroTransaccion>long</NroTransaccion>  
        <Waybill>  
          <MessageHeaderDocument>  
            <ID xsi:nil="true" xmlns="iata:datamodel:3" />  
            <Name xsi:nil="true" xmlns="iata:datamodel:3" />  
            <TypeCode xsi:nil="true" xmlns="iata:datamodel:3" />  
            <IssueDateTime xmlns="iata:datamodel:3">dateTime</IssueDateTime>  
            <PurposeCode xsi:nil="true" xmlns="iata:datamodel:3" />  
            <VersionID xsi:nil="true" xmlns="iata:datamodel:3" />  
            <ConversationID xsi:nil="true" xmlns="iata:datamodel:3" />  
            <SenderParty xsi:nil="true" xmlns="iata:datamodel:3" />  
            <SenderParty xsi:nil="true" xmlns="iata:datamodel:3" />  
            <RecipientParty xsi:nil="true" xmlns="iata:datamodel:3" />  
          </MessageHeaderDocument>  
        </Waybill>  
      </ReqInfAntIataXFwb>  
    </InfAntIataXFwb>  
  </soap12:Body>  
</soap12:Envelope>
```



WebService

DEVELOPER'S MANUAL

Waybill Message (wGesInfAntlataXFWB)



www.afip.gob.ar

```
<RecipientParty xsi:nil="true" xmlns="iata:datamodel:3" />
```



```
</MessageHeaderDocument>
<BusinessHeaderDocument>
  <ID xsi:nil="true" xmlns="iata:datamodel:3" />
  <SenderAssignedID xsi:nil="true" xmlns="iata:datamodel:3" />
  <IncludedHeaderNote xsi:nil="true" xmlns="iata:datamodel:3" />
  <IncludedHeaderNote xsi:nil="true" xmlns="iata:datamodel:3" />
  <SignatoryConsignorAuthentication xsi:nil="true" xmlns="iata:datamodel:3" />
/>
  <SignatoryCarrierAuthentication xsi:nil="true" xmlns="iata:datamodel:3" />
/>
</BusinessHeaderDocument>
<MasterConsignment>
  <ID xsi:nil="true" xmlns="iata:datamodel:3" />
  <AdditionalID xsi:nil="true" xmlns="iata:datamodel:3" />
  <FreightForwarderAssignedID xsi:nil="true" xmlns="iata:datamodel:3" />
  <AssociatedReferenceID xsi:nil="true" xmlns="iata:datamodel:3" />
  <NilCarriageValueIndicator
xmlns="iata:datamodel:3">boolean</NilCarriageValueIndicator>
  <DeclaredValueForCarriageAmount xsi:nil="true" xmlns="iata:datamodel:3" />
/>
  <NilCustomsValueIndicator
xmlns="iata:datamodel:3">boolean</NilCustomsValueIndicator>
  <DeclaredValueForCustomsAmount xsi:nil="true" xmlns="iata:datamodel:3" />
  <NilInsuranceValueIndicator
xmlns="iata:datamodel:3">boolean</NilInsuranceValueIndicator>
  <InsuranceValueAmount xsi:nil="true" xmlns="iata:datamodel:3" />
  <TotalChargePrepaidIndicator
xmlns="iata:datamodel:3">boolean</TotalChargePrepaidIndicator>
  <TotalDisbursementPrepaidIndicator
xmlns="iata:datamodel:3">boolean</TotalDisbursementPrepaidIndicator>
  <IncludedTareGrossWeightMeasure xsi:nil="true" xmlns="iata:datamodel:3" />
/>
  <GrossVolumeMeasure xsi:nil="true" xmlns="iata:datamodel:3" />
  <DensityGroupCode xsi:nil="true" xmlns="iata:datamodel:3" />
  <PackageQuantity xsi:nil="true" xmlns="iata:datamodel:3" />
  <TotalPieceQuantity xsi:nil="true" xmlns="iata:datamodel:3" />
  <ProductID xsi:nil="true" xmlns="iata:datamodel:3" />
  <ConsignorParty xsi:nil="true" xmlns="iata:datamodel:3" />
  <ConsigneeParty xsi:nil="true" xmlns="iata:datamodel:3" />
  <FreightForwarderParty xsi:nil="true" xmlns="iata:datamodel:3" />
  <AssociatedParty xsi:nil="true" xmlns="iata:datamodel:3" />
  <AssociatedParty xsi:nil="true" xmlns="iata:datamodel:3" />
  <OriginLocation xsi:nil="true" xmlns="iata:datamodel:3" />
  <FinalDestinationLocation xsi:nil="true" xmlns="iata:datamodel:3" />
  <SpecifiedLogisticsTransportMovement xsi:nil="true"
xmlns="iata:datamodel:3" />
  <SpecifiedLogisticsTransportMovement xsi:nil="true"
xmlns="iata:datamodel:3" />
  <UtilizedLogisticsTransportEquipment xsi:nil="true"
xmlns="iata:datamodel:3" />
  <UtilizedLogisticsTransportEquipment xsi:nil="true"
xmlns="iata:datamodel:3" />
  <HandlingSPHInstructions xsi:nil="true" xmlns="iata:datamodel:3" />
  <HandlingSPHInstructions xsi:nil="true" xmlns="iata:datamodel:3" />
  <HandlingSSRInstructions xsi:nil="true" xmlns="iata:datamodel:3" />
  <HandlingSSRInstructions xsi:nil="true" xmlns="iata:datamodel:3" />
```



```
<HandlingOSIInstructions xsi:nil="true" xmlns="iata:datamodel:3" />
<HandlingOSIInstructions xsi:nil="true" xmlns="iata:datamodel:3" />
<IncludedAccountingNote xsi:nil="true" xmlns="iata:datamodel:3" />
<IncludedAccountingNote xsi:nil="true" xmlns="iata:datamodel:3" />
<IncludedCustomsNote xsi:nil="true" xmlns="iata:datamodel:3" />
<IncludedCustomsNote xsi:nil="true" xmlns="iata:datamodel:3" />
<AssociatedReferenceDocument xsi:nil="true" xmlns="iata:datamodel:3" />
<AssociatedReferenceDocument xsi:nil="true" xmlns="iata:datamodel:3" />
<AssociatedConsignmentCustomsProcedure xsi:nil="true"
xmlns="iata:datamodel:3" />
  <ApplicableOriginCurrencyExchange xsi:nil="true" xmlns="iata:datamodel:3"
/>
  <ApplicableDestinationCurrencyExchange xsi:nil="true"
xmlns="iata:datamodel:3" />
  <ApplicableLogisticsServiceCharge xsi:nil="true" xmlns="iata:datamodel:3"
/>
  <ApplicableLogisticsAllowanceCharge xsi:nil="true"
xmlns="iata:datamodel:3" />
  <ApplicableLogisticsAllowanceCharge xsi:nil="true"
xmlns="iata:datamodel:3" />
  <ApplicableRating xsi:nil="true" xmlns="iata:datamodel:3" />
  <ApplicableRating xsi:nil="true" xmlns="iata:datamodel:3" />
  <ApplicableTotalRating xsi:nil="true" xmlns="iata:datamodel:3" />
  <ApplicableTotalRating xsi:nil="true" xmlns="iata:datamodel:3" />
</MasterConsignment>
</Waybill>
</ReqInfAntIataXFWB>
</InfAntIataXFWB>
</soap12:Body>
</soap12:Envelope>
```

Structure of the exit results

```
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <InfAntIataXFWBResponse xmlns="ar.gob.afip.dia.serviciosWeb.wGesInfAntIataXFWB">
      <InfAntIataXFWBResult>string</InfAntIataXFWBResult>
    </InfAntIataXFWBResponse>
  </soap12:Body>
</soap12:Envelope>
```



S

Property	Description	Type	Value	Obligation
NroTransaccion	Transaction number	N(12)	Format : (4) digits for the year (8) sequential digits for the year, using zeros to the left Eg : 201400000123	S
Waybill	Waybill document	WaybillType	See: Documentation (IATA Cargo-XML Message Manual and Toolkit.)	S

Note:

The Transaction Number identifies the sending of a Document. It corresponds to a sequential numbering per year (eg: 201400000001,201400000002,.... 201500000001, etc). In the event of a communication drop, the document must be resent with the same transaction number until it is received.



Exit results

Returns a chain in "String" format containing the XFNM Document (see Documentation (IATA Cargo-XML Message Manual and Toolkit.)).

Table of Error Codes of the business logic validation:

Code	Description
0	OK PROCESSED
12630	Transaction number already used.
12631	Invalid document according to XSD specification.
20316	You must inform CUIT
27003	Nature of the goods - Mandatory.
27006	Port / Airport / Place of origin - Mandatory.
27007	Port / Airport / Unloading place - Mandatory.
27008	Scale of the godos - Mandatory.
27009	Payment condition of the freight - Mandatory.
27010	Shipper - Mandatory
27011	Freight amount - Mandatory.
27012	Freight amount – Invalid format.
27013	Freight amount above zero.
27014	Currency of the freight amount - Mandatory.
27016	Value of the godos higher or equal to zero.
27018	Consignee - Mandatory.
27020	Notify - Mandatory.
27021	MessageHeaderDocument.Name Invalid.
27022	MessageHeaderDocument.TypeCode Invalid.
27023	MessageHeaderDocument.PurposeCode Invalid.
27024	MessageHeaderDocument.VersionID Invalid.
27034	Tariff Position - Mandatory.
27035	Tariff Position - Invalid.
27036	Country of origin of the goods - Mandatory.
27041	Value - Invalid.
27045	CUIT format - Invalid.
27046	Guide number - Mandatory.



27047	CUIT Length - Invalid.
27048	The CUIT must be numerical
27050	Total weight unit - Mandatory.
27051	Total weight - Mandatory.
27052	Total volume unit - Mandatory.
27053	Total volume - Mandatory.
27054	Total amount - Mandatory.
31353	The NroTransaccion field has an invalid format. It must be YYYYNNNNNNNN
42034	Missing mandatory data {Data name}
27114	The country identifier does not meet IATA standards
27115	You must inform the document
27116	You must inform the country
27117	The document identifier does not meet IATA standards
27118	Invalid Document Length
27119	The document must be numeric
27120	Code of {Data name} - Mandatory
27121	The code for {Data Name} is invalid
27122	Mandatory value



DUMMY

Structure validation

```
<WebMethodAttribute(Description := "Dummy method to verify the operation")>
```

```
Public Function Dummy() As WsDummyResponse
```

Dummy method to verify the operation.

Through the *Dummy* WebMethod you can verify the operation of the infrastructure as regards the:

- App server.
- Ticket server.
- Database server.

The WebMethod will indicate "OK" if it is correct or a "NO" if it is incorrect.

Structure of the exit result

```
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<WsDummyResponse xmlns="ar.gob.afip.dia.serviciosWeb.wGesInfAntIataXFWB">
  <appserver>string</appserver>
  <dbserver>string</dbserver>
  <authserver>string</authserver>
</WsDummyResponse>
```




Structure of the WsDummyResponse (Result of the WebMethod)

Property	Description	Type
Appserver	Response App server.	C(2)
Dbserver	Response Databse server.	C(2)
Authserver	Response Ticket server	C(2)