Messaging for e-AWB
Different methods & standards are available to exchange electronic messages

Freight Forwarder 1: Integrated

Freight Forwarder 2: Using a portal

Air Waybill standards: IATA Cargo-IMP “FWB” or IATA Cargo-XML “Waybill”
Status Update standards: IATA Cargo-IMP “FSU” or IATA Cargo-XML “Status Update”
Forwarders with e-AWB capable in-house IT system can integrate with the carrier’s IT system

- Either Cargo-IMP messages or Cargo-XML messages can be used
- The message version impacts the quality: It is **recommended to always use the most recent message version**

**Cargo-IMP**

FWB/16  
777-12345675BIONRT/T1K48.0  
RTG/MIAII/LAXYY/NRTZS  
SHP  
/AIRPORT PET SHOP  
/AEROPORTO SANTOS DUMONT  
/RIO DE JANEIRO  
/BR  
CNE  
/ORIENT ANIMAL HOSPITAL  
/NARITA AIRPORT  
/TOKYO  
/JP  
AGT//S710375  
/SPEEDAIR SERVICES  
/RIO INTERNACIONAL

**Cargo-XML**

```xml
  <rsm:MessageHeaderDocument>
    <rsm:ID>01466449999</rsm:ID>
    <rsm:Name>AirWaybill</rsm:Name>
    <rsm:TypeCode>740</rsm:TypeCode>
    <rsm:IssueDateTime>2012-03-22T00:08:29</rsm:IssueDateTime>
    <rsm:PurposeCode>Creation</rsm:PurposeCode>
    <rsm:VersionID>1.0</rsm:VersionID>
    <rsm:ConversationID>KAN00859619</rsm:ConversationID>
    <rsm:SenderParty>
      <rsm:PrimaryId schemeID="#" KUEHNENAGELAGT</rsm:PrimaryId>
    </rsm:SenderParty>
    <rsm:RecipientParty>
      <rsm:PrimaryId schemeID="#" TDVCCS98CCSTDV</rsm:PrimaryId>
    </rsm:RecipientParty>
  </rsm:MessageHeaderDocument>
</rsm:Waybill>
```
Forwarders without an e-AWB capable in-house IT system can use a web portal (1/2)

- An e-AWB portal may be provided by different parties (airlines, local CCS, local forwarder association…)

- Such a portal will typically:
  - Support the acceptance of the terms and conditions for the carriage (equivalent to the EDI e-AWB agreement)
  - Provide a mask for the entry of AWB with data validation
  - Generate & receive e-messages in the background (FWB, FSU-RCS, XML)
  - Provide status of previously submitted e-AWB
  - Provide access to Cargo Receipt & allow printing e-AWB paper copies
Forwarders without an e-AWB capable in-house IT system can use a web portal (2/2)

- Additional feature may be proposed. For instance:
  - Storage
  - e-Mail notifications
  - Integration with other e-freight related functionalities (e.g. e-pouch)
  - Print pouch label for paper free acceptance process
Airlines and IT Service Providers are developing ready-to-deploy solutions for e-AWB

- Several airlines have set up an e-AWB portal

- Many IT service providers have developed ready-to-deploy e-AWB solutions
The electronic messages support the business processes associated to e-AWB

Two recommended business processes to support e-AWB

“Immediate Cargo Receipt Delivery”

“Deferred Cargo Receipt Delivery”
**Process 1 - “Immediate Cargo Receipt Delivery”**

**Freight Forwarders**
- Prepare Consol
- Resolve Issues (with airline if any)
- Deliver Freight

**Service Providers**
- Air Waybill message*
- FNA, email
- FMA, email
- Status update message**
  - RCS (Ready For Carriage)

**Airlines**
- Receive Information
- Identify Issues (with forwarder if any)
- Acknowledgement (with forwarder if any)
- Receive Freight
- Freight Acceptance (cargo receipt available, Contract of carriage concluded)

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* Cargo-IMP: FWB
** Cargo-IMP: FSU
Process 2 - “Deferred Cargo Receipt Delivery”

**Freight Forwarders**
- Prepare Consol
- Resolve Issues (with airline if any)
- Deliver Freight
- Re-Submit Data with Correct Information

**Service Providers**
- Air Waybill message
  - FNA, email
  - FMA, email
- Status update message FOH (Freight On Hand)
- Air Waybill message updated
- Status update message RCS (Ready For Carriage)

**Airlines**
- Receive Information
  - Identify Issues (with forwarder if any)
  - Acknowledgement (with forwarder if any)
- Receive Freight
  - Freight On Hand (produce warehouse receipt)
  - Receive Correct Information
  - Freight Acceptance (cargo receipt available, Contract of carriage concluded)
Specifications for the industry standards

- Webpages providing all specifications of the industry standards:
  - Cargo-XML
  - Cargo-IMP
Thanks!

More information

www.iata.org/e-AWB

Questions at cargo@iata.org

e-AWB on-line training

More than 400 Industry Stakeholders already completed the e-AWB training at:

http://www.iata.org/training/courses/pages/tcgp72.aspx