

Results of Airline Survey on Cargo Messaging



September 2011

Background

- The latest version of Cargo-IMP and Cargo-XML messages include the required data elements to meet the new customs and security requirements.
- However, there have been concerns raised by airlines and freight forwarders that the latest version of Cargo-IMP or Cargo-XML is not being widely used in the industry.
- In response to the industry's request, IATA decided to conduct a short survey to understand the exact industry situation and about the plans for the future for cargo messaging implementation.

IATA Cargo Messaging Survey

- The survey was conducted from 13 to 30 September 2011
- In the survey, members were asked about the current message version being used for Cargo-IMP messages such as FWB, FHL, FFM, and FSU and the plans to migrate to the latest versions
- Members were also asked about the Cargo-XML messages being used and plans to migrate to Cargo-XML messages

IATA Cargo Messaging Survey



➤ 36 airlines responded to the survey:

- Aerolineas Argentinas
- Air France
- Air Zimbabwe
- Alaska Airlines
- All Nippon Airways
- Alaska Airlines
- American Airlines
- AVIANCA
- British Airways
- Cargolux
- Cathay Pacific
- Continental Airlines
- Cyprus Airways
- Czech Airlines
- Delta Air Lines
- El-Al Israel
- Emirates Airlines
- Etihad Airways
- Federal Express
- Gulf Air
- Iberia
- KLM Cargo
- Korean Airlines
- Lufthansa Cargo
- LOT Polish Airlines
- Malaysian Airlines
- Nippon Cargo Airlines
- Qantas
- SAS
- Saudi Airlines
- Singapore Airlines
- SWISS
- Thai Airways
- Turkish Airlines
- United Airlines
- UPS

Survey results 1/10

1. Use of Cargo-IMP

Does your airline use Cargo-IMP messages for electronic data interchange?





| | | | |
|-------|--|----|------|
| Yes |  | 35 | 97% |
| No |  | 1 | 3% |
| Total | | 36 | 100% |

➤ 97% of respondents use Cargo-IMP

Survey results 2/10

2. Use of FWB version 16

Do you have plans to move to FWB version 16 in the near future?





| | | | |
|--------------------------------|--|----|-----|
| currently using FWB version 16 |  | 24 | 69% |
| within the next 12 months |  | 5 | 14% |
| within 2-3 years |  | 2 | 6% |
| No plans |  | 2 | 6% |

➤ 69% of respondents use FWB version 16

Survey results 3/10

3. Use of FHL version 4

Do you have plans to move to FHL version 4 in the near future?

| | | | |
|-------------------------------|--|----|-----|
| currently using FHL version 4 |  | 26 | 74% |
| within the next 12 months |  | 4 | 11% |
| within 2-3 years |  | 1 | 3% |
| No plans |  | 2 | 6% |

➤ 74% of respondents use FHL version 4

Survey results 4/10

4. Use of FFM version 8

Do you have plans to move to FFM version 8 in the near future?

| | | | |
|-------------------------------|---|----|-----|
| currently using FFM version 8 |  | 15 | 44% |
| within the next 12 months |  | 7 | 21% |
| within 2-3 years |  | 1 | 3% |
| No plans |  | 6 | 18% |

➤ 44% of respondents use FFM version 8

Survey results 5/10

5. Use of FSU version 13

Do you plan to move to FSU version 13 in the near future?

| | | | |
|--------------------------------|---|----|-----|
| currently using FSU version 13 |  | 2 | 6% |
| within the next 12 months |  | 8 | 24% |
| within 2-3 years |  | 4 | 12% |
| No plans |  | 12 | 35% |

➤ 6% of respondents use FSU version 13

➤ 36% plan to move to version 13

Survey results 6/10

6. Use of XML Messages

Does your airline use XML messages to communicate with your customers?



| | | | |
|-----|--|----|-----|
| Yes |  | 5 | 14% |
| No |  | 31 | 86% |

➤ 14% of respondents use XML

Survey results 7/10

7. Moving to XML

If No, do you have plans to move to XML in the near future to communicate with your customers?

| | | | |
|---------------------------|---|---|-----|
| within the next 12 months |  | 5 | 16% |
| within 2-3 years |  | 9 | 28% |
| No plans |  | 9 | 28% |





➤ 44% of respondents plan to move to XML in the near future

Survey results 8/10

8. Currently used XML messages

If Yes, which XML message(s) have already been implemented? - select all applicable

- Waybill – 33%
- Flight Manifest – 22%
- House Waybill – 11%
- Invoice – 11%


| | | | |
|---|--|---|-----|
| XML IATA Invoice |  | 1 | 11% |
| XML IATA Packing List | | 0 | 0% |
| XML IATA Certificate of Origin | | 0 | 0% |
| XML IATA Shippers Declaration for Dangerous Goods | | 0 | 0% |
| XML IATA Shippers Letter of Instruction | | 0 | 0% |
| XML IATA Waybill |  | 3 | 33% |
| XML IATA House Waybill |  | 1 | 11% |
| XML IATA House Manifest | | 0 | 0% |
| XML IATA Flight Manifest |  | 2 | 22% |
| XML IATA Freight Booked List Specification | | 0 | 0% |
| XML IATA Status Message | | 0 | 0% |

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9. Planned XML Message Implementation

Which XML message(s) are scheduled to be implemented by your airline? - select all applicable

- Waybill – 53%
- House Manifest – 53%
- House Waybill – 47%
- Status – 42%
- Flight Manifest – 32%
- Freight Booked List – 26%
- Shipper’s Dec. for Dangerous Goods – 26%

| | | | |
|---|--|----|-----|
| XML IATA Invoice | | 0 | 0% |
| XML IATA Packing List |  | 1 | 5% |
| XML IATA Certificate of Origin |  | 1 | 5% |
| XML IATA Shippers Declaration for Dangerous Goods |  | 5 | 26% |
| XML IATA Shippers Letter of Instruction | | 0 | 0% |
| XML IATA Waybill |  | 10 | 53% |
| XML IATA House Waybill |  | 9 | 47% |
| XML IATA House Manifest |  | 10 | 53% |
| XML IATA Flight Manifest |  | 6 | 32% |
| XML IATA Freight Booked List Specification |  | 5 | 26% |
| XML IATA Status Message |  | 8 | 42% |

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9. General Comments

- XML messaging depends on implementation at system provider.
- We will be looking forward to implementing XML which is what most of our customers are requiring. Some concerns on XML versions are it should not deviate very much from the mandatory requirements of CIMP elements due to which huge changes would be required to be done to the system.
- Implementation of the higher CIMP version and XML messages will largely depend if the destination GHAs are ready to receive and process these versions.
- We are currently implementing in phases a new cargo system. Additional major changes subject to regulatory requirement or management decision.
- We use a third party software to send Cargo messages to Customs. We will evaluate future message revision needs, and work through our software vendor on any required version updates.
- We use messaging basically to update the status of the AWB back to ourselves. Only 2 customers are receiving Cargo IMP messages from us. We block other message types from entering our system.
- We will upgrade the messages together with the implementation of our new Handling system

Summary

- Majority of airlines are using latest version of FWB and FHL messages
- Many airlines are planning to move to latest version of FFM and FSU messages
- Increasing number of airlines are starting to use XML messages
- The XML messages most commonly used are Waybill, House Waybill, Flight Manifest and Invoice
- Many airlines are planning to implement Shippers Dec. For Dangerous Goods, Waybill, House Waybill, Flight Manifest, House Manifest and Status messages