ULDCARE
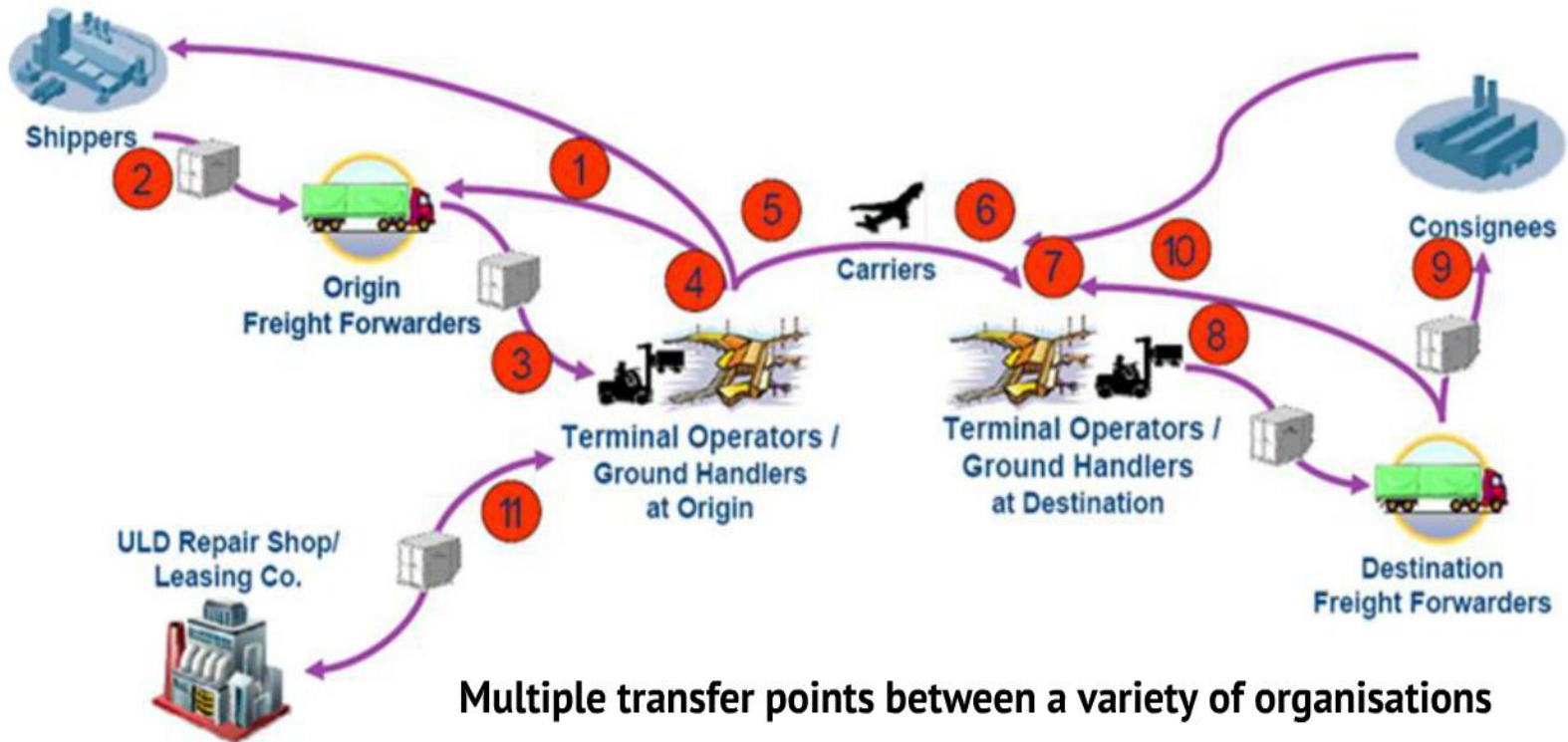Compliance Airworthiness Regulations Education

Working Group

Electronic UCR Project

What's the problem?

- Control and visibility of ULD movements off airports is an industry wide issue.

- The current UCR form standard does not adequately meet the needs of the industry

- The UCR form is not user friendly.

- Process for ULD transfer and LUC message does not have a proper 'home' in IATA manuals

AVIATION SUPPLY CHAIN - ULD TRANSFERS

Shippers

Origin Freight Forwarders

Terminal Operators / Ground Handlers at Origin

Carriers

Terminal Operators / Ground Handlers at Destination

Consignees

Destination Freight Forwarders

ULD Repair Shop/ Leasing Co.

Multiple transfer points between a variety of organisations

Navigating through the complexity

AHM 422

ULD CONTROL
MANUAL

ULD REGS

CSC RESOLUTIONS
MANUAL

+   **+**   **+**

=   Confusion

AHM 422 ULD Control Receipt - The Standard

"A control receipt shall be completed at the time of transfer of a loaded or empty unit. The transferring party shall complete the data applicable to each unit, as required on the form, and shall obtain the signature from the receiving carrier or consignee for receipt of the unit"

The Reality

The end product - LUC (ULD Exchange Control) message

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Example of an LUC message for a transfer between participants.
QIFFMGF
.HKGFFGF
LUC
AKE2800GF/15FEB2000/1000/BA/GF/HKG/072-00012345/LHR/SER
AW23590GF/15FEB2000/1000/BA/GF/HKG/072-10012345/JFK/SER
PAG5499GF/15FEB2000/1000/BA/GF/HKG/072-20012345/LHR/SER
```

Important for some but not used by whole supply chain.

New form must still be able to generate compliant LUC message

Working Group Objectives

- Propose improved processes and tools to enable visibility of ULD movements / transfers between supply chain participants
- Recommended practice for ULD Transfer included in appropriate IATA manual.
- Specification for electronic UCR form passed on to IATA XML group

Working Group Roadmap

Pre-work
- Identification of key stakeholders & participants
- Define working group charter and scope
- Project planning

Workshops & Phone conferences
- Define data requirements
- Map the processes
- Gather industry experience and insights
- Develop and evaluate options

Phases
- PHASE 1: Develop improved UCR form and recommended practice for IATA Manual
- PHASE 2: Develop user requirements for electronic UCR form

Outputs
- Summary of current constraints in protocols for monitoring off station ULD movements
- Review of current industry practices
- Development and evaluation of options
- Recommendation to ULD CARE Board and IATA ULDP

What's been done?

- Process review and issues capture
- Submission to ULD Panel
- Design of new form
- Development of recommended practices
- User requirements for electronic UCR

INDUSTRY FEEDBACK - Airline, Freight Forwarder, GHA, IATA and Pooling Company

Item #	Parameter	Issue	Comment	Impact	Root Cause (Why do we have this issue?)	Solution ideas
1	Specification	There is a disconnect between IATA documents – AHM422 – Recommended practice 1654 31st Edition 2010 – Attachment A – ULD Exchange control (LUC) message text description	1) Syntax rules for LUC are not defined in AHM422 2) AHM422 should use & update details from Participants' ULD Control Procedures	1) Supply chain participants do not have a clear single point of reference on message syntax and procedure 2) No standard available for IT system development around LUC process		1) Define which IATA manual contains requirements for LUC (AHM/ Cargo IMP/ where else?) Should be same as other message standards such as UCM, SCM 2) Define ownership of the data for maintenance purpose 3) Update & Publish the manual to all relevant parties
2	Compliance	LUCs not consistently completed for off station movements	1) Regulations are not in place to enforce compliance 2) Lack of training in place for people handling off station movements	1) Missing and incomplete information about off station movements. 2) Leading to loss of visibility of units. 3) Inability to collect demurrage	1) Lack of enforcement of LUC process 2) Lack of training requirement	
3	Specification	It might be possible that UCR form (paper-based form) is not practicle to use; for example, transferring large amount of ULDs. (Standard form only allows 5 ULDs)		Handling companies / agents developed their own forms, which might be non-compliant or non-standard	1) No manual / guideline (Table of Format) how to produce UCR / LUC form AHM 422 provides inadequate information. This could be a limitation for IT solutions. 2) Presumably Table of format is not up to date e.g. supplement information remains three character (OSI)	1) Develop requirements to E-LUC, and improve UCR (paper-based form) 2) Enforce the use of new form (electric / paper) throughout IATA member
4	Specification	Sending transferred ULD in UCM format instead of LUC	Misuse of UCM for RFS (Road Feeder Service or Truck Movements)	1) UCM message does not have transfer and receiving parties identified. 2) Information on condition of units is not identified correctly. 3) Systems may not be able to process message correctly.	1) Lack of enforcement of LUC process 2) Lack of understanding of which form to use	Enforce the use of UCR/ LUC through IATA member with standardise process & actively updated manual
5	Specification	Sending summary of transferred ULD in SCM format	Even a bigger issue than using UCM as SCM is a stock confirmation of units at a location.	1) SCM message does not have transfer and receiving parties identified. 2) Information on condition of units is not identified correctly. 3) Systems may not be able to process message correctly.		Enforce the use of UCR/ LUC through IATA member with standardise process & actively updated manual
6	Specification	Sending Party Address in UCR / LUC form is missing or incomplete	1) Address (seven-character SITA code) is optional field in UCR form 2) LUC is sent via email. (Either send as attachment or send LUC in mail content)	Unable to chaser/ query clarification on transaction details if required Unable to update email as sender address, which require to develop workaround solution e.g. XXXAPYY (XXX is loaning location, and YY is transferred carrier)	1) Address field is not mandatory field in UCR 2) UCR/ LUC form doesn't support sending message through other channels e.g. email, fax	1) Use fixed address header for each IATA carrier member or 2) Change from optional to be mandatory field
7	Specification	Not all UCR/ LUCs are sent to all relevant recipients (limitation of SITA)	1) There is only one field (seven-characther SITA code) available in UCR/ LUC form 2) Copy To is optional field	Unable to track ULD movement due to missing UCR/ LUC	1) Copy To field is not mandatory field in UCR 2) UCR/ LUC form doesn't support sending message through other channels e.g. email, fax	1) Extend number of fields for 'COPY TO' 2) Change from optional to be mandatory field
8	Compliance	UCR / LUC are submitted with incorrect/ back dated information (not reflecting true time of transfer / receipt)			Date format can be either 01NOV2000 or 01NOV00	

RECOMMENDED PRACTICE 1654

Attachment 'A'

30 Issues related to compliance and specification identifed

ULDP Agenda Format

Subject: Consolidation of ULD movement messaging into appropriate IATA Manuals

Submitted by: ULDCARE Working Group – Electronic UCR

Background

Requirements for ULD movement messaging are currently included in various IATA manuals (AHM and ULD Control Manual) and are also referred to in the recently launched ULD Regulations.

The ULD Control Manual has not been updated since 2000 and does not appear to be available for purchase from the IATA website. This means that it is difficult to refer to requirements in contracts with companies in the Aviation supply chain and therefore difficult to achieve the required level of compliance.

Some of the requirements in the manuals are not adequately described or contain information which may cause confusion on requirements.

Proposed Action

Determine the status of the ULD Control Manual and whether it is still relevant and required. If it is defunct and no longer required then remove references to the ULD Control Manual.

Where revisions are made to ULD movement messaging requirements, that these are incorporated in the ULD Regulations.

A current review of the ULD Exchange Control (LUC) Message by the ULD Care Working Group be included in the next edition of the ULD Regulations. The recommended practice and specifications will be completed by 6 May 2013.

ULDP Conference in AMS

- **ULD Control Manual will be dissected for its relevant parts and incorporated into Section 8 of ULDRs**

Simplified UCR Form

- Unused, redundant fields removed
- Additional field for capturing transferring and receiving party information
- Inclusion of ODLN fields for damage information

Development of draft ULDR content

- Section 8.2.3 Control of transferred ULDs
- Recommended practice
- Specification for electronic UCR

Summary of Issues & Pain Points of UCR form and ULD Transfer process

Proposal for ULD Control Receipt (UCR) Form

CONTROL OF TRANSFERRED UNIT LOAD DEVICES – RECOMMENDATION FOR INCLUSION IN ULD REGULATIONS

Next Steps

- Publish working group documents on ULDCare website for broader comment
- Finalise electronic UCR requirements
- Submission of documentation for inclusion in publication of next ULDR

e-UCR Concept

Ability to create both e-UCR and LUC message
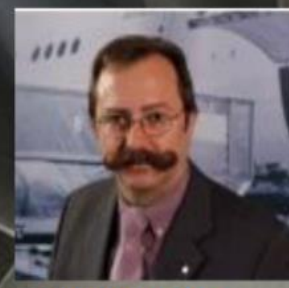
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