



Dangerous Goods The Hermes Dangerous Goods Module

Issue 3 - January 2014

Hermes User Recognised for its DGR work

Late last year, Hermes user, LUG Air cargo Handling, was recognised with a DGR Awareness Award in appreciation of the keen efforts of the LUG DGR team for compliance, handling and reporting.

This new initiative by Cargolux Airlines International, was developed to emphasise the importance of careful and proper DGR handling and to recognise the efforts of those who demonstrate a high level of awareness and diligence when handling DGR in their daily work.

Andreas Wetz, DG Manager at LUG told us: "The DGR check for documents and packages is performed in Hermes directly after freight acceptance, so all the relevant data for storage limits, NOTOCs or ADRs is already available within the system reducing the pressure on our staff. The Hermes DGR system also helps to easily avoid the

Dangerous Goods (DGR) is probably one of the most important functions when working within the air cargo industry and being accurate is probably the single most important attribute a ground handler can possess, given that failure to properly check goods before transportation or to pass goods with unsuitable packaging or incorrect labelling could have serious consequences for both the ground handler and the airline.

In 2006 the DGR module was developed inside the main Hermes Air Cargo management system. This automated, integrated module was developed to supply a highly accurate complete end to end DGR checking system that would assist DGR users in checking a Shippers Declaration according to IATA DGR aviation rules.

The DGR module has seven main objectives:

1. Prevent unchecked DGR shipments from being loaded to a flight.
2. Assist users in accurately checking shipper's declarations.
3. Display relevant State & Operator variations and Special Provisions relating to the shipment.
4. Physical check of the packages using a mobile device.
5. The control of rejected DGR shipments
6. Produce fully completed DGR Checklists.
7. Produce Dangerous goods data for the Notification to Captain (NOTOC).
8. Produce ADR manifests (Carriage of DGR by Road).

The Hermes DGR system uses a set of questions which are a subset of the airlines DGR checklist. These questions drive the users in checking the required aspects of the DGR shipment and uses a set of rules to determine when and where a question will be used.

loading of rejected or unchecked shipments."

Catch Up with past issues



Dangerous Goods
- Rules, Regulations & Responsibilities
Issue 1
[click here](#)

Dangerous Goods
- DGR Checking
Issue 2
[click here](#)

DGR Data Configurations

The Hermes DGR system is available to customers in either of two configurations:

Fully Maintained - where a full set of DGR data is supplied by our partners DGM-SDG (more information on the simple one button upload process will follow in the next newsletter).



Questions - Are an integral part of checking the shipment, a full set of questions are supplied in the integration stage and can be maintained internally by your own administrator if required.

Self-Maintained - where an administrator is required to update the full set of the dangerous goods data

DGR Check Types

Currently the Hermes DGR system has specific checks relating to various types of DGR shipment:

Non-radioactive
Radioactive

Dry

Ice

Expected

Expected

radioactive

Lithium Batteries, Biological Substances

The Overpack and All in One package types are also supported with the "Q value" used in the All in One check automatically calculated and displayed.

Handheld Check



Is the packaging suitable for the packing instruction used and correctly marked? Are the labels clearly visible?

The Hermes handheld DGR package check uses a set of questions and label images to assist the DGR checker to identify if the shipment is packed and marked according to regulations. Because of the level of information shown during the handheld DGR check, it is necessary to take the shippers declaration to the warehouse for the package check.

required to run the DGR system and also define a full set of questions.

In both modes, all dangerous good data is dated. This means the DGR check is completed using data that is relevant according to the date of the shipper's declaration.

Hermes & DGR

The integrated Hermes DGR system can assist your users in the correct checking of Dangerous Goods shipper's declarations.

This full check solution includes:

Fully updated and date relevant DGR data used in the check process, ensuring your staff are using the most recent DGR data

Full handheld package checks

Automated checklists production

One button NOTOC production

ADR compliant

Message support for FDD (in/out), NTM & NOT

More information?

For comprehensive information from IATA on the Dangerous Goods Regulations visit their website:

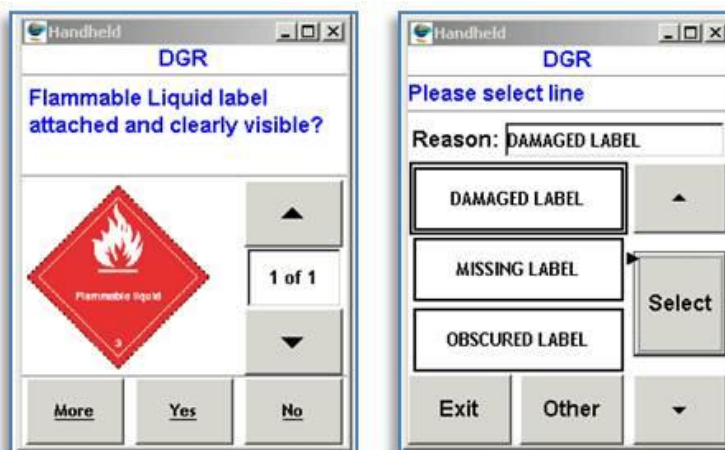
Notification to Captain (NOTOC)

During the handheld DGR check, the checker defines the different DGR items into separate barcode identifiers. This means that when loading the barcode to a ULD the system knows the DGR items assigned to that barcode and therefore the NOTOC production is a simple case of loading the goods to a ULD. There is no need to define the DGR item to a ULD as this is an automatic process.

- 'Other special Loads' - is also covered in the DGR module. By carrier set-up the SHCs that should appear in the "Other special loads" section of the NOTOC will appear automatically, if the loaded shipment bears one of the SHCs then it appears in the NOTOC.

The NOTOC messages NOT and NTM are supported.

Discrepancy Handling



Discrepancies notified during the check process are identified and immediately the shipment is blocked for loading until the shipment has been re-checked and the discrepancies have been confirmed as resolved.

FDD Messages

A new feature of the DGR system is the acceptance and processing of the incoming FDD message. Shippers declarations sent electronically can be processed and the data populated into the DGR system for checking. Sending the FDD message out is also supported

www.iata.org



Questions?

If you have any questions
on the topics discussed
here mail us at:

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About Hermes Logistics Technologies

inbuilt expertise
Hermes

HERMES is an IT Solution designed specifically for the Air Cargo industry.

With over 200 years of combined Air Cargo Handling experience, the HERMES Cargo Team have developed a robust, comprehensive & flexible solution, currently used by Airlines, Hubs, Ground Handlers and Airports whose operations control cargo volumes from 10,000 to in excess of 1,500,000 metric tons per annum.

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