

# DANGEROUS GOODS AutoCheck

IATA – Confidential – December 2018

## The product

### Dangerous Goods AutoCheck

- Automation of the DG Acceptance Check Process
- Tablet based tool where Shipper's Declaration data can be uploaded in data or electronic form, and can be scanned from paper.
- DG AutoCheck will check the Shipper's Declaration against the DGR.
- It will show the checker the required labels and markings for visual inspection of the package
- DG AutoCheck provides management oversight of all DG checks performed and an interface to your training certification database







- Acceptance Check quality is guaranteed and consistent with the DGR
- Personnel is directed to focus on exceptions such as state or operation variations
- Addendums to the DGR are immediately applied to the checks
- Personnel Cat. 6 certification is verified and if expired, access is blocked









## **Benefits: Process improvement**

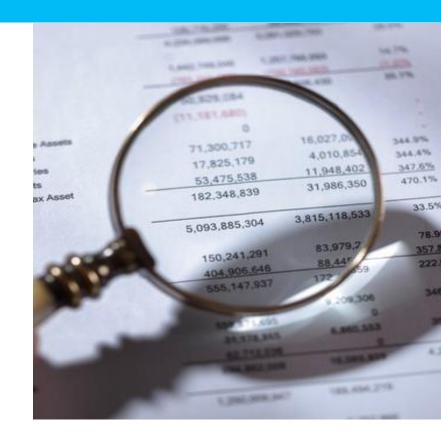
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  - DANGEROUS GOODS AutoCheck 🏈

- DG Checking process significantly accelerated; estimated: 50% less time
- Ability to use electronic and paper formats allow for efficient processes
- Ability to send check results electronically to internal and external stakeholders such as message to the NOTOC or error reports to the shippers
- Ability to manage all check processes and reporting globally within your organization
- Reduced acceptance check times to allow for an overall reduction in shipment handling time

## **Benefits: Cost savings**



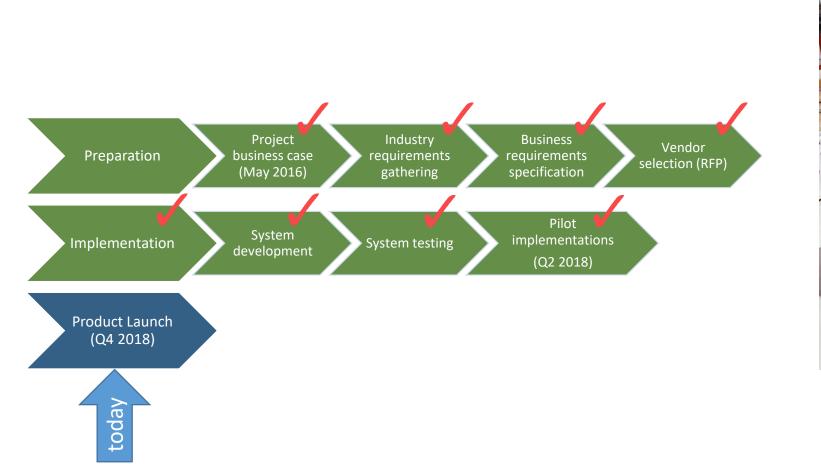
- Direct cost of DG Checks have the potential to be reduced by 50%
- Improved regulatory compliance and automation will reduce cost of regulatory fines
- Post-processing of check filing, reporting and compliance analysis significantly reduced





## **Status of development**









## Industry working group





## System set up: web and mobile

### Head office access

- Laptop and desktop
- Account administration, compliance and reporting

### **Regional office access**

- Laptop and desktop
- Regional account administration, reporting and oversight

### Local station access

- Laptop and desktop for administration, team management and DG Checks
- Portable tablets (iOS, Android) for DG acceptance checks



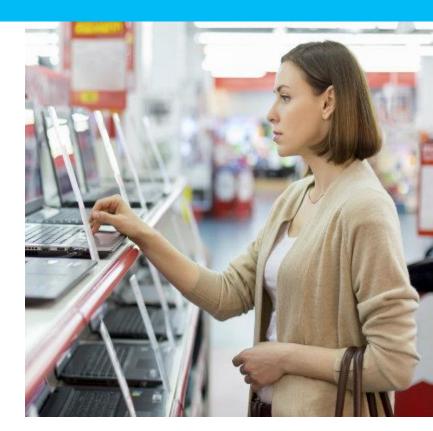




## Licensing options

### **Current licensing option**

- Based on company dangerous goods handling volume, a "check pack" can be purchased which is valid for one year.
- Discounts are applied based on package size and on then number of years committed.







## **Pilot Program**

- IATA is working with selected companies to develop DG AutoCheck:
- To get the specs right
- To ensure the product is properly tested
- To work in real operational environments
- To kick-start the industry benefits







## **Next steps**



- Discuss with your colleagues: how does DG AutoCheck fit in your dangerous goods operations?
- Get awareness of your cost: how many DG consignments do you process? How much is this costing you? How do you charge your customers? How much are you spending on fines?
- Be ready: Contact us to be included in the updates on the latest developments.





### Off-line demo of DG AutoCheck – 2018

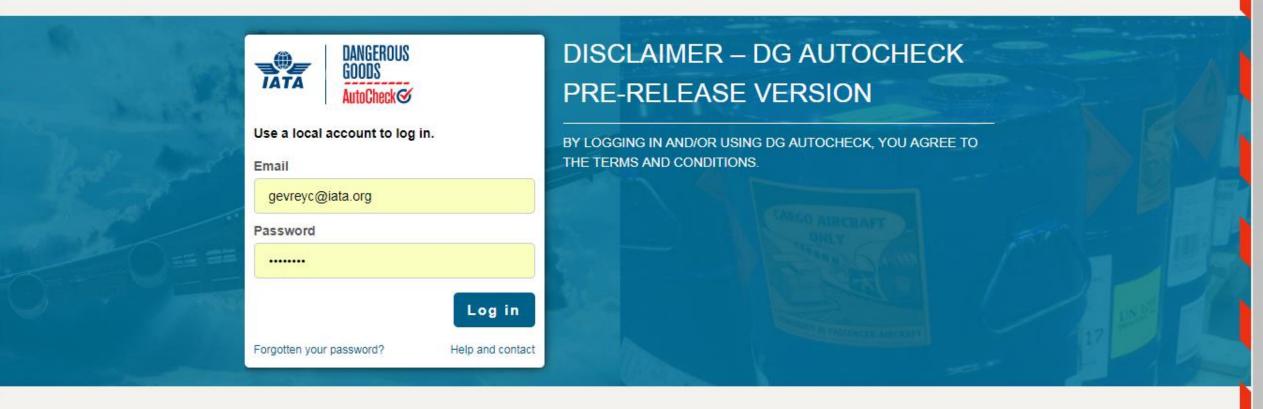


### Christophe Gevrey, IATA Product Manager

#### DG AutoCheck: Logon

Login to your subscription with your credentials

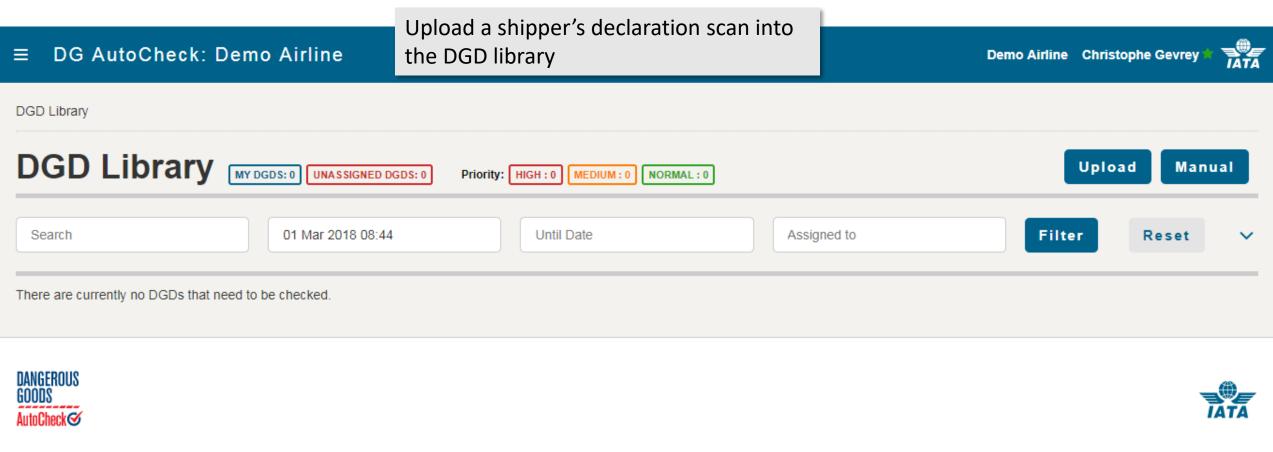






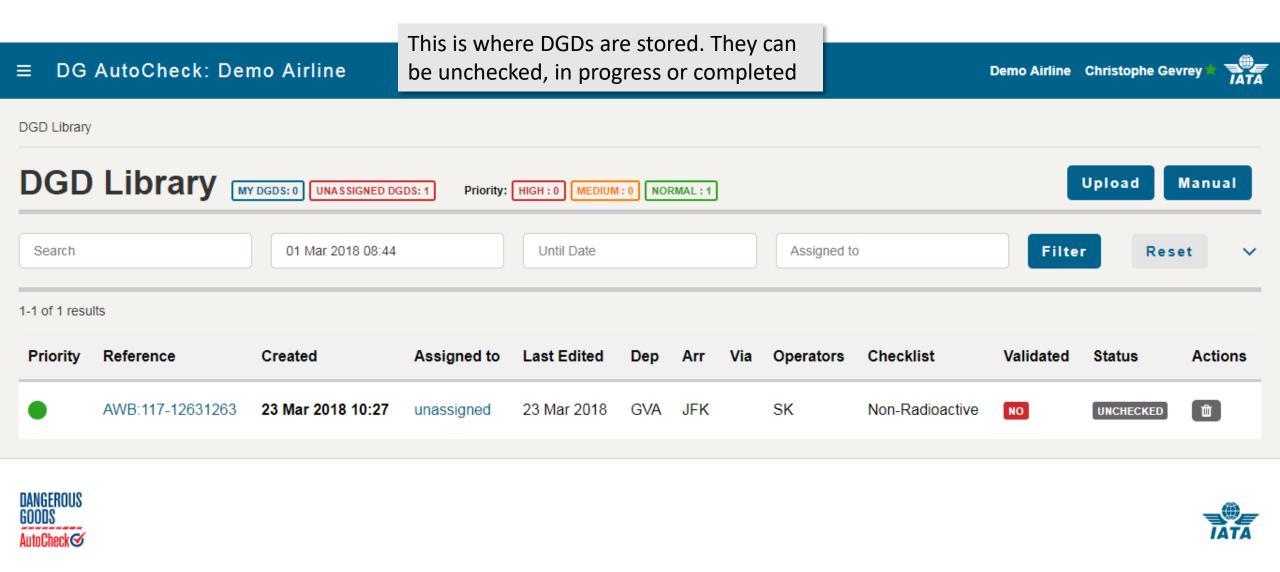
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DGD Library » Details									
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#### ≡ DG AutoCheck: Demo Airline

option

Cancel

Save

#### Demo Airline Christophe Gevrey



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Destination	× John F Kennedy Intl (JFK), New York, United States of A
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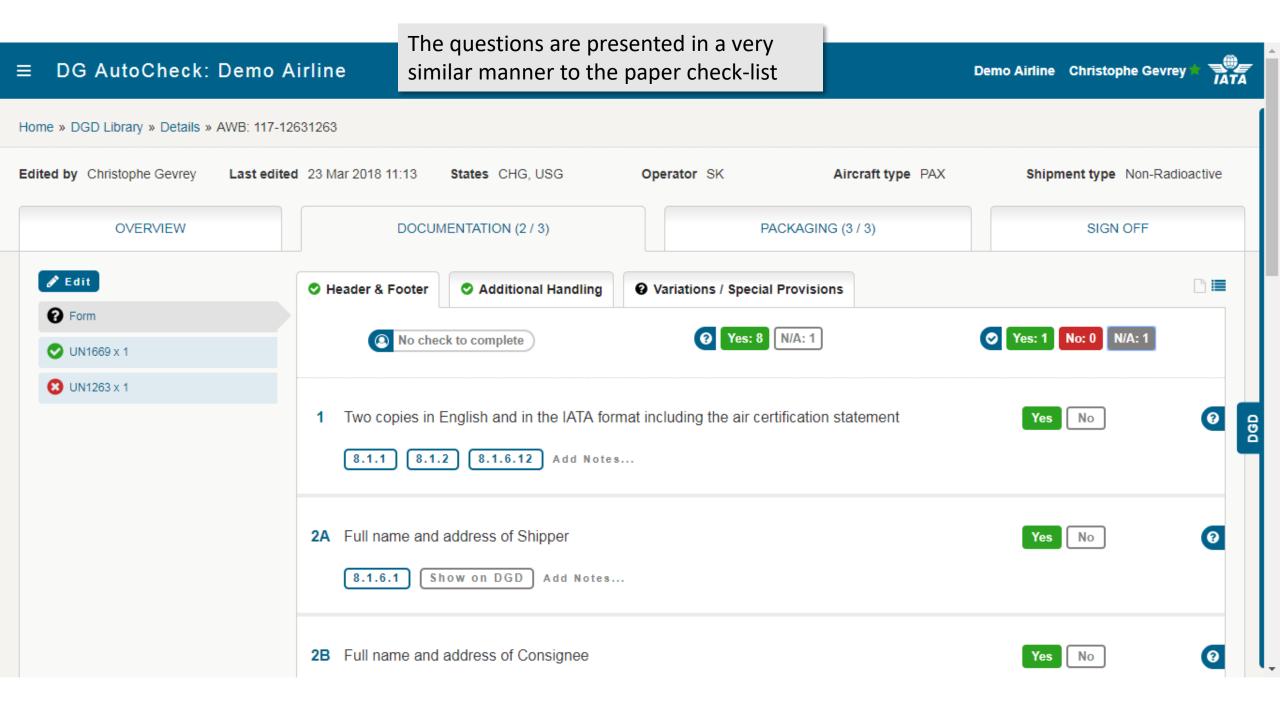
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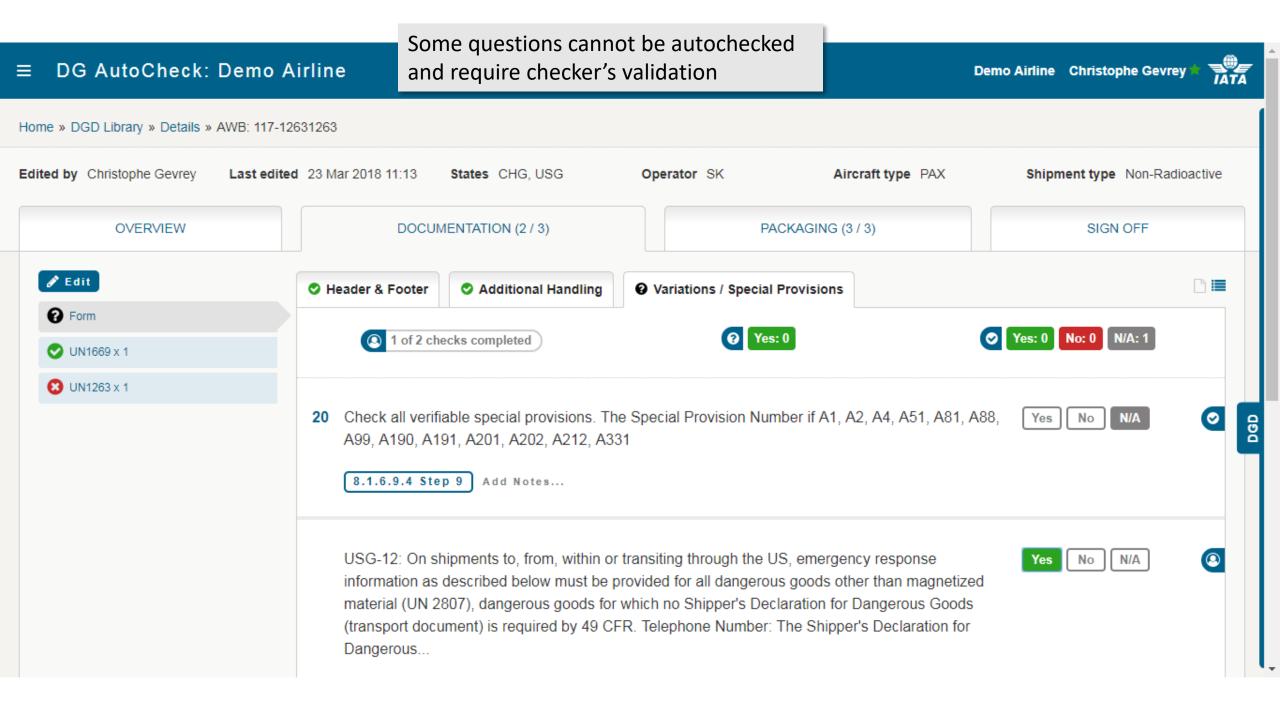
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#### DG AutoCheck: Demo Airline

### Access the DGR to read references, variations and special provisions



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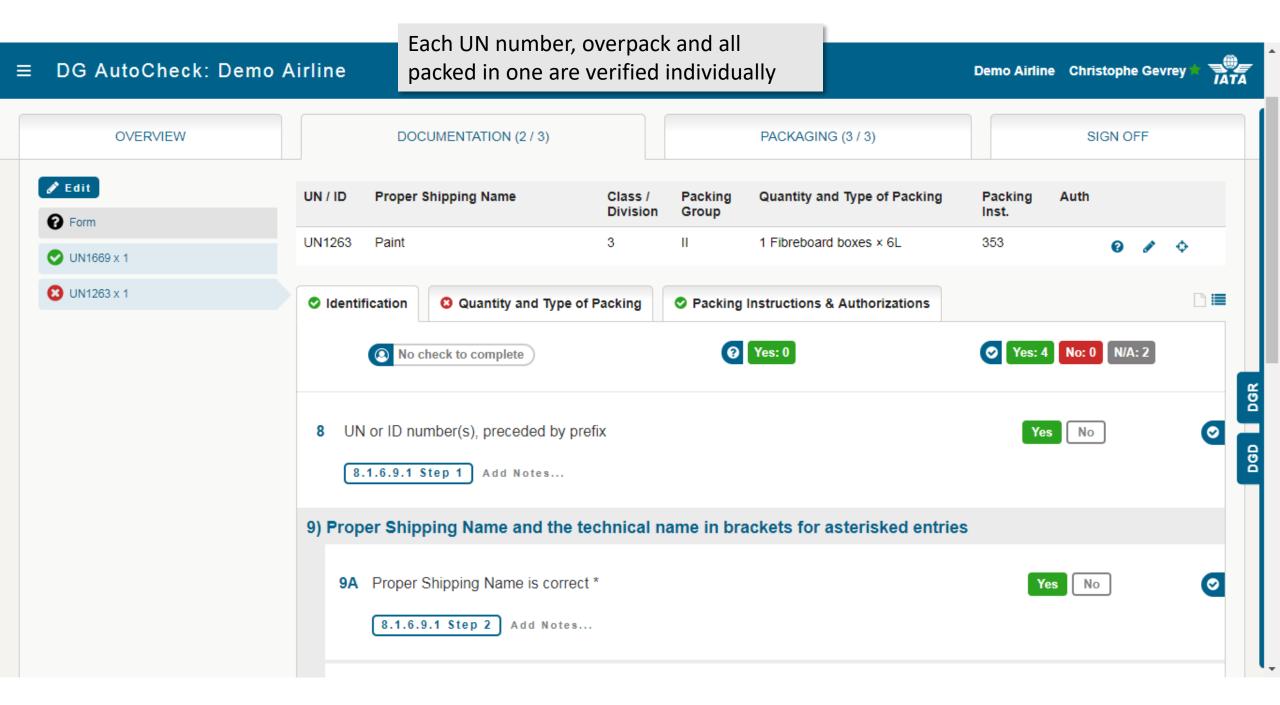
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#### **USG-13**

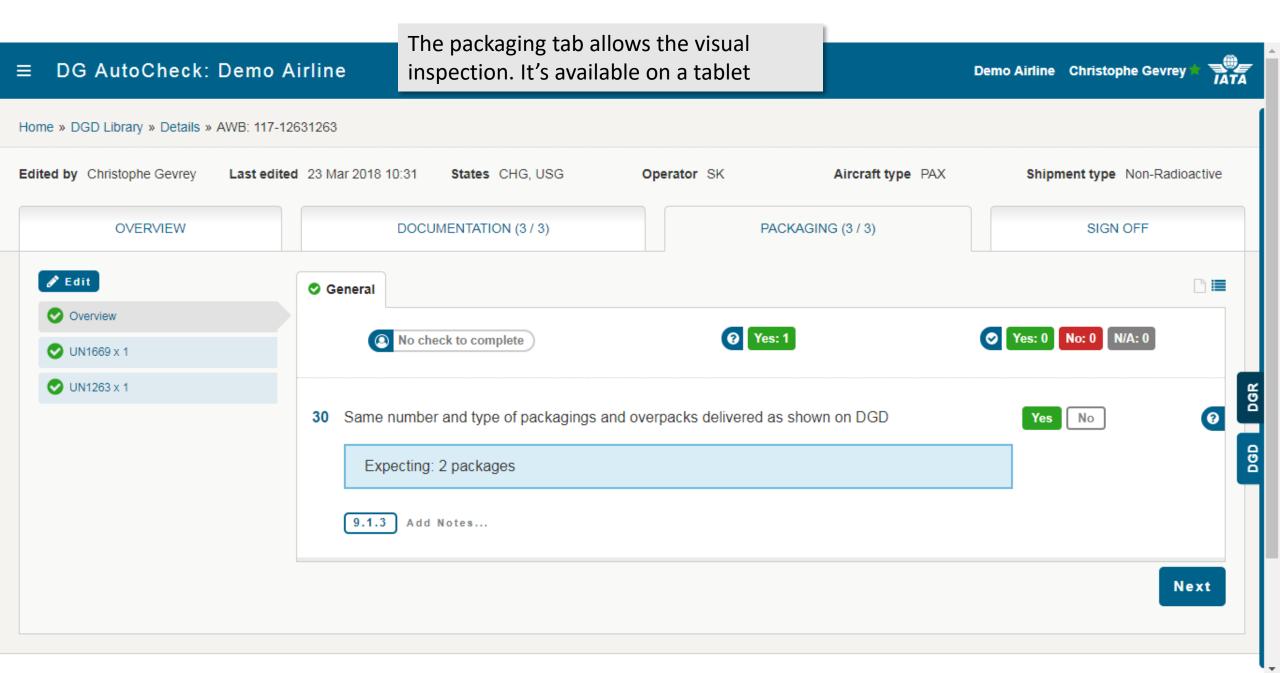
Operators must comply with all requirements of 49 CFR, Part 175 (seeUSG-01). These requirements include, but are not limited to, the following:

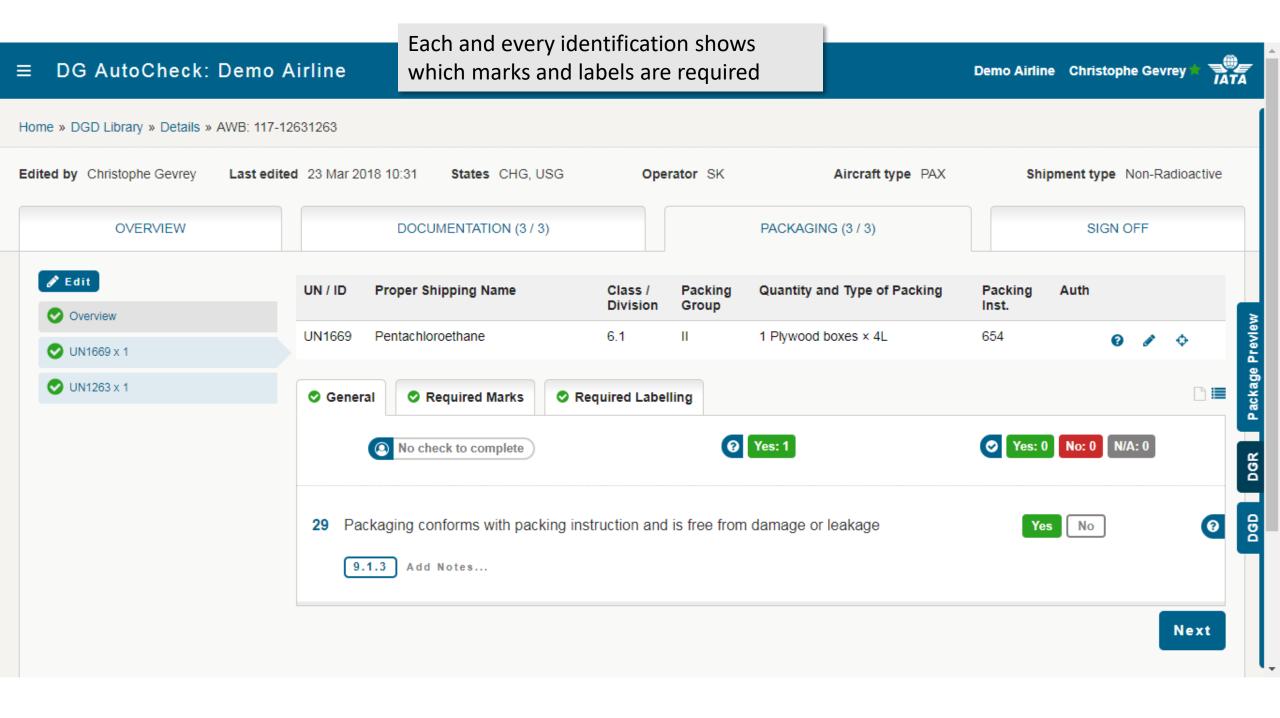
- a. A package prepared in accordance with these Regulations for transport to, from or within the United States must not be accepted unless the operator also ensures that the shipper has complied with all applicable United States variations indicated in these Regulations (see 9.1.2).
- b. A copy of the transport document or an electronic image thereof, must be retained by the initial operator for not less than one year after the dangerous goods are accepted by the initial operator. Each shipping paper copy must include the date of acceptance by the initial operator. The date on the shipping paper may be the date a shipper notifies the air carrier that a shipment is ready for transportation, as indicated on the air waybill or bill of lading, as an alternative to the date the shipment is picked up or accepted by the carrier. For a hazardous waste, the transport document must be retained for three years after the waste material is accepted by the initial operator (see 9.8).
- c. The notification to pilot-in-command must list and provide the required information for, those additional materials considered to be dangerous goods under United States' regulations as indicated through United States variations (see 9.5.1.1).
- d. Except for dangerous goods in Class 9, UN 0012, UN 0014 or UN 0055 also meeting the requirements of 173.63(b), articles of UN 3528 or UN 3529, dangerous goods in limited or excepted quantities, aircraft batteries transported as items of replacement (49 CFR 175.8) and those articles and substances considered to be dangerous goods under these Regulations but which are not subject to 49 CFR Parts 171-180, the following limitations

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#### A visual representation of the packages TATA DG AutoCheck: Demo Airline Demo Airline Christophe Gevrey = allows an easy validation Home » DGD Library » Details » AWB: 117-12631263 □ < × 4D / [X,Y] ℍ ### <sup>1</sup> ##.# <sup>1</sup> YY <sup>1</sup> STATE <sup>1</sup> MANUFACTURER Plywood 1 x Last edited 23 Mar 2018 10:31 Edited by Christophe Gevrey States CHG, USG Addresses **OVERVIEW** DOCUMENTATION (3 / 3) Consignee Shipper ABC Chemicals ABC Chemicals 🧪 Edit Route de 1' Aeroport 33 416 Hudson bay road UN / ID **Proper Shipping Name** CH-1215 Geneva Overview Switzerland Package Prevlew UN1669 Pentachloroethane **UN1669 x 1** Contents **UN1263 x 1** 🛇 General Required Marks 🗢 R( UN1669 Pentachloroethane No check to complete Packaging Labels DGR Packaging conforms with packing ins 29 9.1.3 Add Notes... x2

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### **User Experience**



### PACTL , the first air cargo terminal to introduce IATA DG AutoCheck

RETURN Updated: 2018-12-17

PACTL takes lead in introducing IATA newly developed DG AutoCheck as of December 17th 2018. The introduction of DG AutoCheck is expected to further improve PACTL's DG acceptance accuracy and reduce checking process time. As one of the busiest air cargo terminals in the world, PACTL advocates air transport security as paramount criterion in daily operation. As a pioneer, PACTL hopes to constantly step up cooperation with IATA across the board and to be a vigorous practitioner in driving application of new technology to air cargo industry.

Supported by DG AutoCheck, PACTL is able to realize more efficient and accurate DGD checking and DG acceptance on PC and mobile devices. The DG AutoCheck supports functions of DGD online upload, checking the compliance of Shipper's DGD, consignment package against latest IATA DGR. It is believed that IATA's new technology will help to improve PACTL's service quality for DG operation and ensure air transport security effectively. Furthermore, PACTL as a pioneer for the DG AutoCheck, will also contribute our experience to IATA for future system upgrading and advancement of whole air cargo industry.



http://www.pactl.com/information\_center/news-detail-451.html

### 全球首家, PACTL率先启用IATA危险品收运检查系统

返回 更新时间: 2018-12-17

2018年12月17日,PACTL率先启用IATA最新研发的危险品收运检查系统,以进一步加强危险品收运的精准性,并提升相关业务的操作时效。作为全球最繁忙的航空货运站之一,PACTL一直将保障航空运输安全作为生产运营的最高准则,此次在全球范围内 首家使用该系统,PACTL希望不断加强与IATA的全面深化合作,以作为推动航空货运行业新技术应用的有力实践者。

借助IATA最新研发的危险品收运检查系统,PACTL可以通过PC講或是移动端,更快速、准确地完成危险品现场单证核查和货物收运。该系统支持危险品申报单在线上传,申报单内容、货物包装与IATA最新危险品规则快速比对等功能。引入该新技术后, 将有助于提升危险品收运的服务品质,并有效保障危险品航空运输安全。此外,PACTL"先行先试",也会将相关的使用体验与IATA 进行沟通反馈,为系统的不断升级提供支持,为行业的不断进步贡献力量。



http://www.pactl.com.cn/cn/information\_center/news-detail-452.html





More questions? Please contact

Christophe Gevrey, Product Manager DG AutoCheck gevreyc@iata.org









