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SYMPOSIUM

Istanbul, Türkiye
25-27 April 2023

STREAM 3 – SAFETY & SECURITY

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Safety & Security Stream

Wednesday, 26 April

Time	Session Information
09:00 - 09:05	Chairperson Opening Remarks Remko Dardenne, Dangerous Goods Coordinator, Belgian Civil Aviation Authority
09:05 - 09:20	Change control management for lithium battery shipments Having clear policies and procedures around dangerous goods can help shippers manage changes introduced by shifts in supply chain, new regulations and entrance into different markets to ensure compliance. This session will review the latest regulatory changes on the transport of lithium batteries through the lens of how to manage change control within a shipper's organization. Tatjana Benko, Senior Regulatory Specialist, UL Solutions Tiberiu (Tibi) Hrihorciuc, Global Dangerous Goods Risk and Technical Program Manager, Meta
09:20 - 09:35	Understand the Material and Capability of Fire Resistant Containers The expert will walk through how fire resistant containers, their components, and materials react to fire tests in different scale, and how these tests can be compared. Dan Ziegler, Chief Commercial Officer, MACRO Industries
09:35 - 10:30	Baseline lithium battery fire test standards for fire resistant containers and fire containment covers Containment characteristics of unit load devices is one of the factors to be considered in an operator's safety risk assessment according to ICAO Annex 6 (Operation of Aircraft), Chapter 15 (Cargo Compartment Safety); however, do these devices have a performance standard for lithium battery fire? The experts will uncover in the session how they have driven the development and explain the need for a standard. Moderator: Candy Chan, Manager Dangerous Goods Standards, International Air Transport Association Panelists: Chris Browne, Business Unit Manager – Cargo, AmSafe Bridport Frosti Lau, General Manager Cargo Service Delivery, Cathay Pacific Airways Ltd Enzo Canari, Cabin Safety Expert, European Union Aviation Safety Agency Audun Rør, President, Nordisk Aviation Products AS



10:30 - 11:30	Networking Break - WCS Exhibition Hall
11:30 - 12:30	<p>Spotlight 1: ULD & Operations Special loads require special attention</p> <p>Special loads present unique flight safety risk as they require special restraint procedures to ensure that the limitations specified in the aircraft weight and balance manual are respected. The design, implementation and verification of the restraint plan for special load are complicated, and hence more vulnerable to exceeding aircraft operating limitations. This session will demonstrate how technologies can mitigate the associated safety risks of special loads.</p> <p>Unveil how aircraft manufacturer can support safe operations of special loads and emphasize the importance of regulatory compliance Darrin M. Noe, Associate Technical Fellow, Payloads Systems Design - Cargo, The Boeing Company</p> <p>Challenges faced by airlines in special load operations and expected features in the technological solution Harald Mueller, Head of Aircraft Handling Competence Team, Lufthansa Cargo AG</p> <p>Showcase aircraft cargo compartment weight and balance control and potential special load solution from IT provider Khaled Chamsuddine, Senior Business Analyst Weight and Balance, CHAMP Cargosystems S.A.</p> <p>Demonstrate potential special load solution from operator's perspective Muhammad Salman Berlas, Lead Cargo Special Loads Officer, Qatar Airways</p>
12:30 - 14:00	Networking Lunch - WCS Exhibition Hall
14:00 - 15:00	<p>Spotlight 2: New Tech & Innovation From technology to cargo operational excellence</p> <p>This session will reveal how artificial intelligence and machine learning and help stakeholders make smarter and data-driven decisions to improve the cargo safety and security level.</p> <p>Artificial intelligence based detection in screening systems In aviation security screening, regulations have been developed which allow a significant element of automation of checkpoint bag screening when Automated Prohibited Item Detection Software (APID) is used. For the screening of air cargo, similar possibilities are emerging such as EDS alarm resolution and detection of dangerous goods. Then what are the current capabilities and future opportunities?</p> <p>Ken Mann, Chief Technical Officer, Rapiscan Systems</p> <p>Manage safety and compliance risk proactively by A.I. With an increasing volume of dangerous goods transported by air, undeclared or mis-declared dangerous goods pose a significant safety threat to airlines. This session will demonstrate how artificial intelligence and machine learning can be used to assess risks of dangerous goods as early as pre-acceptance, so as to enhance screening effectiveness, operational resilience and risk management.</p> <p>Gaetan van Diemen, VP of Product, Pandora Intelligence</p>

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15:00 - 16:00	Networking Break - WCS Exhibition Hall
16:00 - 17:20	<p>Air cargo security outlook With the deployment of new security programs, arrival of new technology and new measures in the air cargo security field, what progresses can we expect to see with authorities' risk assessments and what will the resulting expectations be for adequate industry compliance?</p> <p>Current status of air cargo security Omar Saeed Naser AlMamari, Head of Aviation Security Department, Etihad Airways</p> <p>Air cargo security – A “customs” outlook for the next five years Darren Hart, Deputy Director, Border Transformation, UK Border Force</p> <p>Panel discussion: what will the air cargo security outlook be in the next five years?</p> <p>Moderator: Howard Stone, Vice President Global Programs, UPS Corporate Aviation Security</p> <p>Panelists: Brandon Fried, Executive Director, Airforwarders Association Ilan Biton, Chief Executive Officer, Enabling Insight James Lobello, Head of Security, the Americas, Lufthansa Cargo</p>
17:20 - 17:30	Chairperson Closing Remarks

