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The transport of COVID-19 vaccines

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- Recent air cargo deliverables include:
 - *Annex 6, Part I – Amendment 44*
 - *Guidance for Safe Operations Involving Aeroplane Cargo Compartments (Doc 10102)*
 - *Guidance on a Competency-based Approach to Dangerous Goods Training and Assessment (Doc 10147)*
 - ICAO-TIACA Safe Supply Chain course (the kick-off is 8 Dec and timed for Bangkok/ICT at 13h GMT+7)



Cargo considerations

- Safety
 - Dangerous goods
 - Airworthiness
 - Operations
- Security
- Facilitation
- Economic Sustainability
- Action plan



Cargo safety

- Vaccine classification
 - Biological products
 - Genetically modified micro-organisms
 - Approval by states
- Refrigerants – dry ice (and liquid nitrogen?)
- Data loggers and cargo tracking devices
- Operator approval to transport dangerous goods
- Operator risk assessment of goods in cargo compartment
 - Guidance
- Training



Cargo security

- Potential inability to screen
 - Opening of packages
 - X-ray screening
- Secure supply chain or alternative security procedures and measures
- Ending of account consignors
 - 30 June 2021



Cargo Facilitation

- Ensure effective coordination between CAAs, health authorities, industry for fast customs clearance
- Collaborate with WCO and other relevant industry partners on cooperation across the supply chain to ensure that the facilities and border processes are in place for the efficient transport of vaccines by air when they become available, all with the goal of faster customs clearance



Economic Sustainability of Cargo

- Digitalization Operations
- Electronic business solutions reducing physical contact along supply chain through improved processes
- Operational flexibility for carriers, particularly flights carrying vaccines and COVID-19 related goods



On-going activities:

- Air cargo State Letter, Air Cargo iPACK and regional webinars on digitalization are now under development
- E-commerce demand growth is beyond forecasts due to COVID-19 and the increases will likely be permanent
- ICAO is collaborating with UN regional economic commissions for land transport and other UN agencies as well as industry to identify and address multimodal supply chain challenges
- D/ATB has established a COVAX WG to support ICAO executive decisions concerning distribution and ensure coordination among all stakeholders



The Secretariat is developing an action plan for COVAX distribution that will address multidisciplinary challenges through targeted actions:

- Development of joint statements in order to:
 - Highlight ICAO's role and leadership in air cargo
 - Align activities with other UN agencies
- In aligning activities with other agencies, ICAO is identifying specific supply chain challenges, how they affect stakeholders, and how it can collaborate with other agencies to alleviate those challenges