



DGP-WG/2017-IP/5  
4/5/17

**DANGEROUS GOODS PANEL (DGP)  
WORKING GROUP MEETING (DGP-WG/17)**

**Montreal, 24 to 28 April 2017**

**Agenda Item 6: Other business**

**PRESENTATION ON SAFETY MANAGEMENT PROGRAMME**

(Presented by the Secretary of the Safety Management Panel (SMP))





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# Safety Management Programme

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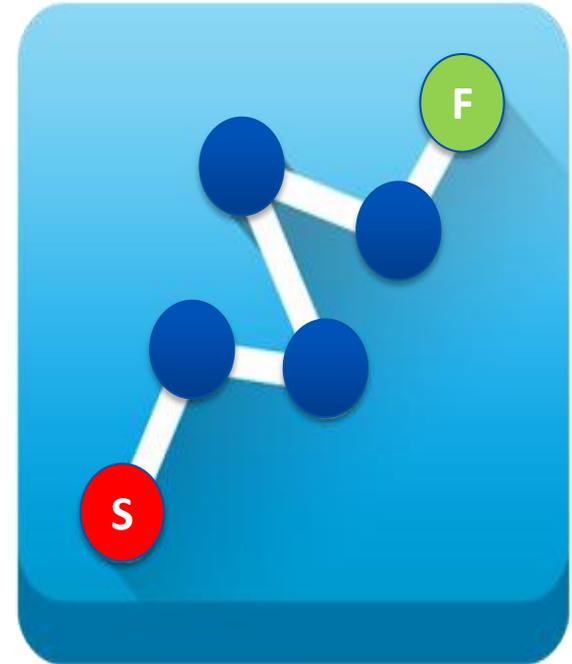
Dangerous Goods Panel WG, April 2017





1. Amendment 1 to Annex 19
2. Safety Management Manual, 4<sup>th</sup> edition
3. Safety Management Implementation Website
4. Safety Management Training Programme
5. Safety Management Assessment Tools
6. Safety Management Regional Symposia and Workshops

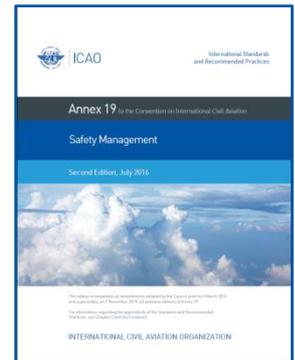
## Overview





## Amendment 1 to Annex 19

- 1) **Integration** of the State Safety Oversight (**SSO**) system critical elements (**CEs**) with the State Safety Programme (**SSP**) provisions which are **upgraded from the SSP framework in Attachment A.**
- 2) **Enhancement** of safety management system (SMS) provisions to support **uniform implementation**, including **the extension of an SMS** to organizations responsible for **the type design and/or manufacture of engines and propellers**
- 3) **Protection** of safety data, safety information and related sources
  - Upgrading **Attachment B** to the status of an **Appendix**
  - A higher level of protection for **voluntary reporting systems** through a **Standard**
  - The protection of **mandatory reporting systems** is reflected in a **Recommendation**
  - New provisions to ensure **no overlap** with the protection provisions **in Annexes 6 and 13**





# Safety Management Manual, 4th edition

*To be published end of July 2017*



- ✓ Guidance Material is taking a new direction:
  - *Less prescriptive and more focused on the intended outcomes and the “How?”*
  - *Published document complemented by a Safety Management Implementation Website*
- ✓ “Commensurate with Size and Complexity” (**Scalability**) to be better explained
- ✓ New Chapters on **Safety Culture** and **Safety Information Protection**
- ✓ New Chapters to address **Data-Informed Decision Making**, **Safety Performance Indicators** and Achieving an **Acceptable Level of Safety Performance (ALOSP)**
- ✓ More guidance on the importance of a **System Description** and **Interface Management**



## Safety Management Implementation Website

*To be initially launched end of July 2017*

- ✓ To **complement** the 4<sup>th</sup> Edition of the **SMM**
- ✓ Will include the examples currently found in the SMM and **provide a mechanism** for the **sharing of examples**. This will support the implementation of SSP/SMS that is customized for a more effective implementation.
- ✓ **Criteria for the acceptance of the examples** being developed
- ✓ **Strategy on what types of examples** should be posted will need to consider the needs of the community (geography, scalability, diverse service providers)
- ✓ Initially examples will be posted in **English only**







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# Safety Management Training Programme

## Phase 2 – July 2017 (delayed)

- ✓ **Phase 1** - released in September 2016 and **reflected the Amd 1 to Annex 19**
- ✓ **Phase 2** - will further **reflect the 4th edition of the SMM** and will include an **additional module on safety information protection (SIP)**
- ✓ **New competencies** are required
  - **Safety risk management and safety assurance**
    - Safety risk assessment
    - Safety data/safety information analysis
    - Safety performance indicators
  - **More judgement and experience**
- ✓ **Training needs analysis** performed taking into account the required competencies
- ✓ **Different approaches to address these needs** are being considered: online training, workshops, videos and other modern approaches.





## Safety Management Assessment Tools

- ✓ SSP Gap Analysis Tool and the SSP-related USOAP protocols to be consolidated into **one tool for multiple uses: gap analysis, implementation planning and ongoing assessment.**
- ✓ SSP pre-requisites to be defined using specific USOAP PQs to refine the 60% EI threshold
- ✓ Gradual introduction of a **maturity model for SSP-related PQs**
- ✓ **SSP maturity** assessed during a USOAP audit to be measured and monitored ***separately*** from traditional USOAP EI
- ✓ **Beginning in January 2020**, the **threshold for the applicability of the SSP-related PQs will be based on 2020-2022 GASP objectives – 60% threshold to be revisited....**





## Safety Management Regional Symposia

The delivery of four Regional Symposia *(Starting at 3Q 2017)*

- ✓ A forum for participants to exchange ideas and implementation experiences and contribute to the future of safety management.
- ✓ The symposia will provide an important information-sharing opportunity for regulators, service providers, operational personnel and all aviation professionals involved in safety-management activities.
- ✓ To include a workshop with hands-on exercises



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## Safety Management Regional Symposia



- ✓ **APAC and MID Symposia** – Hosted by Singapore / 12-15 September 2017
- ✓ **EUR/NAT** – Hosted by Estonia in Tallinn / 16-18 October 2017
- ✓ **AFI** – Hosting State and dates TBD
- ✓ **NACC and SAM Symposia** – Week of 16 March 2018; hosting State TBD



## Additional Regional Safety Management Workshops

Location (RO)	Region	Tentative dates
Cairo	MID	May 2018
Dakar	WACAF	June 2018
Paris	EUR/NAT	June 2018
Bangkok	APAC	September 2018
Nairobi	ESAF	October 2018
México City	NACC	November 2018
Lima	SAM	November or December 2018



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