



**WORKING PAPER**

**DANGEROUS GOODS PANEL (DGP)**

**TWENTY-SEVENTH MEETING**

**Montréal, 16 to 20 September 2019**

**Agenda Item 10: Other business**

**AGENDA, TERMS OF REFERENCE, WORK PROGRAMME**

(Presented by the Secretary)

**1. INTRODUCTION**

1.1 The agenda for the twenty-seventh meeting of the Dangerous Goods Panel (DGP/27), as approved by the Air Navigation Commission under cover of P/ANC 2019/5, dated 14 March 2019, is reproduced in Appendix A. For ease of reference in compiling the report, the numbers and headings of the agenda items will be included exactly as written in Appendix A. The report will show all information and action taken relative to the agenda item.

1.2 The terms of reference and work programme, as approved by the Air Navigation Commission, are presented in Appendices B and C.

**2. LANGUAGES OF THE MEETING**

2.1 The working languages of the meeting, as approved by the Air Navigation Commission, are Arabic, Chinese, English, French, Russian and Spanish. Due to budget constraints, interpretation services will be limited to a maximum of seven three-hour sessions per week, with no more than three consecutive sessions in any two successive days. This is reflected in the provisional timeline for DGP/27 agenda items appearing in Appendix D.

**3. ORGANIZATION OF THE MEETING**

3.1 The provisional timeline for DGP/27 agenda items appearing in Appendix D will be approved by the meeting during the opening session as an initial guideline for the time that is expected to be spent on each item. It should be noted that the approved timeline may, if the need arises, be adjusted at any time during the session by further agreement among the members.

3.2 The meeting will sit as a whole to deal with the agenda. Small drafting groups or ad hoc working groups may also be formed as necessary. Such groups, if established, will have a nominated

rapporteur and work informally without interpretation services. They will normally meet during sessions where no interpretation is provided (see Appendix D) or outside of the hours of the main meeting.

#### 4. **WORKING HOURS**

4.1 The working hours proposed are 0930 (except for the special opening session) to 1230 hours and 1400 to 1700 hours with short coffee breaks. The opening session on Monday, 16 September will begin at 1000 preceded by an informal meeting of panel members only at 0945.

#### 5. **ACTION BY THE DGP**

5.1 The DGP is invited to:

- a) note the agenda at Appendix A;
- b) note the terms of reference in Appendix B;
- c) note the work programme in Appendix C; and
- d) approve the proposed timeline in Appendix D with the understanding that it will be subject to further review and amendment if necessary as the meeting progresses.

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## APPENDIX A

### AGENDA FOR THE TWENTY-SEVENTH MEETING OF THE DANGEROUS GOODS PANEL (DGP/27)

**Agenda Item 1: Harmonizing ICAO dangerous goods provisions with UN Recommendations on the Transport of Dangerous Goods**

- 1.1: Develop proposals, if necessary, for amendments to Annex 18 — *The Safe Transport of Dangerous Goods by Air*
- 1.2: Develop proposals, if necessary, for amendments to the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284) for incorporation in the 2021-2022 Edition
- 1.3: Develop proposals, if necessary, for amendments to the *Supplement to the Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284SU) for incorporation in the 2021-2022 Edition

**Agenda Item 2: Managing air-specific safety risks and identifying anomalies**

- 2.1: Develop proposals, if necessary, for amendments to Annex 18 — *The Safe Transport of Dangerous Goods by Air*
- 2.2: Develop proposals, if necessary, for amendments to the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284) for incorporation in the 2021-2022 Edition
- 2.3: Develop proposals, if necessary, for amendments to the *Supplement to the Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284SU) for incorporation in the 2021-2022 Edition
- 2.4: Development of proposals, if necessary, for amendments to the *Emergency Response Guidance for Aircraft Incidents Involving Dangerous Goods* (Doc 9481) for incorporation in the 2021-2022 Edition

**Agenda Item 3: Managing safety risks posed by the carriage of lithium batteries by air**

- 3.1: Consider how lithium battery package standard under development by SAE G27 Committee (AS6413) can be incorporated into ICAO provisions (*Ref: Job Card DGP.003.02*)
- 3.2: Consider marking, labelling and documentation requirements for lithium battery packages meeting the SAE G27 Committee draft standard AS6413 (*Ref: Job Card DGP.003.02*)
- 3.3: Consider the need for amendments to address impact from proposed amendment to Annex 6, Volume I on cargo compartment safety (*Ref: Job Cards DGP.003.02 and FLTOSP.043*)
- 3.4: Consider measures to mitigate safety risks posed by lithium batteries carried and/or used by passengers, crew and the operator (*Ref: Job Card DGP.003.02*)
- 3.5: Consider the need for specific measures to mitigate safety risks posed by lithium batteries packed with or contained in equipment
- 3.6: Develop provisions aimed at improving compliance throughout the transport supply chain, including simplification of provisions, guidance on State oversight and

outreach, and responsibilities of entities outside the aviation stream (*Ref: Job Card DGP.003.02*)

**3.7:** Monitor UN Committee's work on hazard-based system for classification of lithium batteries and consider impact on ICAO provisions (*Ref: Job Card DGP.003.02*)

**Agenda Item 4:** **Clarifying State oversight responsibilities in Annex 18** (*Ref: Job Card DGP.005.02*)

**Agenda Item 5:** **Dangerous good accident and incident reporting system** (*Ref: Job Card DGP.002.02*)

**Agenda Item 6:** **Dangerous goods training for entities handling general cargo** (*Ref: Secretariat Job Card*)

**Agenda Item 7:** **Aviation Security/Dangerous Goods Coordination** (*Ref: Job Card DGP.001.02*)

**7.1:** Develop proposals, if necessary, for amendments to Annex 18 and/or Doc 9284 for the sake of alignment with Annex 17 — *Security* and the *Aviation Security Manual* (Doc 8973)

**7.2:** Consider control measures for the cargo supply chain that addresses both safety and security concerns

**7.3:** Review guidance material on chemical, biological or radiological attack

**Agenda Item 8:** **Coordination with other panels**

**8.1:** Flight Operations Panels (FLTOPSP)

**8.2:** Airworthiness Panel (AIRP)

**8.3:** Safety Management Panel (SMP)

**8.4** Remotely Piloted Aircraft Systems Panel (RPASP)

**8.5:** Any other panels

**Agenda Item 9:** **Harmonization of Guidance Material for the Dangerous Goods Panel (DGP) to Aid in the Preparation of the Technical Instructions and Supporting Documents with revised dangerous goods provisions**

**Agenda Item 10:** **Other business**

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## APPENDIX B

### TERMS OF REFERENCE OF THE DANGEROUS GOODS PANEL (DGP)

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<b>Background</b>	Following a recommendation (7/1) by the Accident Investigation and Prevention Divisional Meeting (3 to 24 June, 1974) that ICAO should consider carriage of hazardous materials in aircraft, the Air Navigation Commission (ANC) (80-16, 17 and 18) agreed that a panel should be established to develop SARPs and supporting technical material on the carriage of dangerous goods by aircraft. The general approach developed by the Commission was subsequently approved by the Council (88-2) on 9 June 1976. On 16 June 1976, the ANC (82-9) agreed to the establishment of the Dangerous Goods Panel (DGP) and approved the tasks assigned to it.
<b>Scope</b>	The DGP will undertake specific studies and develop and/or review ICAO provisions related to dangerous goods as set forth in Annex 18 and other relevant Annexes in response to evolving technologies and the introduction of new dangerous articles and substances. The DGP will work to harmonize the provisions with those for all modes of transport while considering additional and often more stringent requirements necessary for transport by air.
<b>Required Competencies</b>	The panel shall preferably be composed of experts familiar with the provisions contained in Annex 18, the Technical Instructions, and have experience in one or more of the following:  a) chemical and physical characteristics; b) transporting dangerous goods by air; c) safety management including hazard identification; safety risk assessment and mitigation; and performance monitoring and measurement; d) regulatory oversight and e) cargo compartment and fire suppression knowledge.
<b>Objective(s)</b>	Develop and maintain a global strategy to address risks associated with the transport of dangerous goods by air through the development and maintenance of applicable Standards and Recommended Practices (SARPs), the Technical Instructions and its related document and guidance material for the safe transport of dangerous goods by air. This includes, but is not limited to:  a) promoting inter-organizational/intermodal harmonization intended to facilitate safe transport; b) identifying gaps in dangerous goods safety regulations; c) identifying risks related to the transport of dangerous goods by air; d) developing performance-based mitigation strategies to address risks; and e) developing guidance for dangerous goods training and outreach with the goal of attaining full compliance with regulations by all entities involved.

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**Specific Working Arrangements** As defined in the “Directives for Panels of the Air Navigation Commission”, ICAO Doc 7984, Chapter 3.4.5.2, the panel chairperson may establish additional working groups as necessary.

The DGP should coordinate its work with the various groups of experts responsible for other Annexes and disciplines, as appropriate including the Aviation Security Panel (AVSECP) and the Facilitation Panel (FALP).

The work of the panel is coordinated with international organizations includi

ng but not limited to the United Nations Economic Commission for Europe (UNECE), International Atomic Energy Agency (IAEA), International Maritime Organization (IMO), World Health Organization (WHO) and the Universal Postal Union (UPU).

Due to the need for biennial harmonization with the UN Recommendations on the transport of dangerous goods, the DGP works on a biennial cycle of preparatory meetings with one panel meeting held in the third quarter of Year 2 so that the next biennial edition of Doc 9284, Technical Instructions for the Safe Transport of Dangerous Goods by Air, can be reviewed and approved by the ANC and Council in the first quarter of year three, with publication in the third quarter, for operational use from 1 January of Year 4.

Date when these TORs issued:

Date of SRP assessment:

Date of Approval by the Panel:

Date of Approval by ANC:

24/06/2015

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**APPENDIX C**

**DANGEROUS GOODS PANEL WORK PROGRAMME**

Job Cards		
Lead (Primary)		
DGP.001.02	Aviation Security/Dangerous Goods Coordination	
DGP.002.02	Dangerous Goods Accident and Incident Reporting System	
DGP.003.02	Mitigating risks posed by the carriage of lithium batteries by air	
DGP.005.02	Clarifying State oversight responsibilities in Annex 18	
DGP.006.01	Lithium batteries carried and/or used by passengers, crew and the operator	
Collaborating (Supporting)		
AIRP.012.02	Control of electromagnetic radiation risks posed by the carriage of battery-powered devices in baggage, cargo and mail that are active when inside the aircraft cargo compartment	AIRP
ATMRPP.001.03	Implementation of Flight and Flow Information for a Collaborative Environment (FF-ICE)	ATMRPP
ATMRPP.011.001	Accommodation of additional flight plan information in the ICAO flight plan (2012 FPL) while transitioning to FF-ICE	ATMRPP
FLTOPSP.025.02	Dangerous goods considerations for Annex 6 Part III	FLTOPSP
FLTOPSP.043.02	Mitigating risks posed by the carriage of cargo by air	FLTOPSP
SMP.017.02	Safety data and safety information collection, analysis, sharing and exchange	SMP
SMP.019.01	Applicability and benefits of safety management	SMP
Work Packages not associated with Job Cards		
Lead (Primary)		
ROI-7-2020-2	Technical instructions for carriage of dangerous goods on RPA	
REC-A-DGS-2019	Maintenance of Annex 18 SARPs and Other Supporting Provisions	

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**APPENDIX D**

**PROPOSED TIME SCHEDULE FOR DISCUSSION AT DGP/27**

Date	16	17	18	19	20
Day	Monday	Tuesday	Wednesday	Thursday	Friday
Special sessions	A				
Discussion sessions	1, 2	2, 3, 8	3, 6, 7	4, 5	9, 10
Approval of draft report on agenda items					ALL ITEMS
Interpretation provided	am	Yes	Yes	Yes	Yes
	pm	Yes	No	No	Yes

- A The special session is the opening session at 1000; this will be preceded by an informal meeting of panel members only at 0945.

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