



WORKING PAPER

**DANGEROUS GOODS PANEL (DGP)
WORKING GROUP MEETING (DGP-WG/26)**

Centurion, South Africa, 26 to 30 October 2026

Agenda Item 4: Managing safety risks posed by the carriage of energy storage devices by air (Ref: Job Card DGP.006)

EXCEPTION FOR BATTERY POWERED DATA LOGGERS / CARGO TRACKING DEVICES

(Presented by S. Kelley)

SUMMARY

This working paper seeks consideration on the inclusion of data loggers and cargo tracking devices powered by dry electric storage batteries to the existing exception for data loggers.

Action by the DGP-WG is in paragraph 3.

1. INTRODUCTION

1.1 Data loggers and cargo tracking devices are commonly attached to temperature sensitive shipments and high value assets. These devices contain batteries embedded in the monitoring device and are operational in transport. The choice of the type of device, including the battery type, may vary depending on the specific logistics needs. Common battery types include lithium metal, lithium ion, alkaline and nickel metal hydride.

1.2 During the twenty-ninth meeting of the Dangerous Goods Panel (DGP/29, 13 to 17 November 2023) the DGP agreed to an exception from the provisions of the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284) for lithium battery powered data loggers and cargo tracking devices when these devices are in use or intended for use in Part 1;1.1.5.1 i). The DGP subsequently agreed to extend this exception to data loggers and cargo tracking devices powered by sodium ion batteries.

2. DISCUSSION

2.1 The objective of the original exception was to permit data loggers and cargo tracking devices in or attached to packages or overpacks with consignments of pharmaceuticals, valuables or other cargo without the need for the battery mark on the packages and the compliance statement on the air

waybill. The DGP agreed to include an exception provided various safety conditions were met. These provisions facilitate the transport of important goods by air without compromising safety.

2.2 Since the provisions in Part 1 do not extend to batteries other than lithium and sodium ion, data loggers and cargo tracking devices powered by alkaline, nickel cadmium or nickel metal hydride batteries are subject to applicable requirements of Special Provisions A123 and A199, including a requirement to include a statement on the air waybill when one is used.

2.3 It is proposed to modify the text of Part 1;1.1.5 i) to include these additional battery types while maintaining the specific requirements applicable for lithium batteries and sodium ion batteries.

3. ACTION BY THE DGP-WG

3.1 The DGP-WG is invited to comment upon and consider an amendment to Part 1;1.1.5.1 i) of the Technical Instructions as presented in the appendix to this working paper.

APPENDIX

PROPOSED AMENDMENT TO PART 1 OF THE TECHNICAL INSTRUCTIONS

Part 1

GENERAL

Chapter 1

SCOPE AND APPLICABILITY

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1.1 GENERAL APPLICABILITY

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1.1.5 General exceptions

1.1.5.1 Except for 7.4.2, these Instructions do not apply to dangerous goods carried by an aircraft where the dangerous goods are:

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- i) data loggers and cargo-tracking devices with installed lithium batteries or sodium ion batteries, dry batteries, or nickel-metal hydride batteries, attached to or placed in packages, overpacks or unit load devices, provided the following conditions are met:

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Note.— This exception does not apply where the data loggers or cargo-tracking devices are offered for transport as a consignment in accordance with Special provisions A123, A199 or Packing Instruction 967, 970 or 978.

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