



International Civil Aviation Organization

**Eighth Meeting of the Performance Based Navigation Sub-Group
(PBN SG/8)**

(Doha, Qatar, 12 - 13 December 2023)

Agenda Item 3: ICAO Global and Regional developments

ICAO UPDATE

(Presented by the secretariat)

SUMMARY

This paper provides information concerning ICAO documentation and ICAO activities that may be of interest to the Meeting.

1. Introduction

1.1 This paper provides information concerning ICAO documentation and activities since last PBN SG/7, that may be of interest to the Meeting.

2. ICAO Documentation / State Letters

Approved Amendments to ICAO Annexes and PANS Documents

REFERENCE / DATE ISSUED	TITLE	DATE OF APPLICABILITY
2023/26 3 April 2023	Adoption of Amendment 93 to Annex 10, Volume I Radio Navigation Aids <i>The amendment: a) support of the introduction of dual-frequency, multi-constellation (DFMC) global navigation satellite system (GNSS) by adding provisions for additional frequencies of operation for the global positioning system (GPS), the global navigation satellite system (GLONASS) and the satellite-based augmentation system (SBAS), and by introducing provisions for the new BeiDou Navigation Satellite System (BDS) and Galileo system; and b) support of ionospheric gradient mitigation for the ground-based augmentation system (GBAS).</i>	31 July 2023

Proposed Amendments to ICAO Annexes and PANS Documents

REFERENCE / DATE ISSUED	TITLE	DEADLINE FOR COMMENTS TO BE PROVIDED TO ICAO HQ
2023/59 31 July 2023	Proposed amendment to Annex 10, Volume III related to ATN/IPS and consequential amendment to Annex 10, Volume II, stemming from the sixth meeting of the Data Communications Infrastructure Working Group of the Communications Panel (CPDCIWG/6)	31 January 2024
2023/57 26 July 2023	Proposed amendments to Annexes 2, 3, 4, 6, Parts I, II and III, 10 Volume I, 11, 15, PANS-ATM, PANS-AIM and PANS-OPS, Volume III related to general aviation helicopters, on-board technology for runway safety, ramp inspections and end of flight location arising from the eighth and ninth meetings of the Flight Operations Panel (FLTOPSP/8 and 9)	31 January 2024
2023/47 26 July 2023	Proposal for the amendment of Annex 10, Volume V relating to implementation of wireless avionic intra-communications (WAIC) for radiocommunication between two or more aircraft stations located onboard a single aircraft	1 December 2023
2023/33 30 May 2023	Proposal for the amendment of Annex 14, Volume I and PANS-Aerodromes (Doc 9981) relating to aerodrome design and operations	30 October 2023
2023/32 27 April 2023	Proposal for the amendment of Annex 14, Volume II concerning heliport specifications	27 October 2023
2023/18 05 April 2023	Proposals for the amendment of Annex 19 and consequential amendments to Annexes 1; 6 Parts I and III; and 13	5 October 2023
2023/07 20 January 2023	Proposals for the amendment of Annex 4, PANS-OPS (Doc 8168), Volumes I and II and PANS-AIM (Doc 10066) concerning charting navigation specifications and accuracies, instrument flight procedures (IFP) for helicopter performance-based navigation (PBN) operations, altitudes on instrument procedures, quality assurance for flight procedure design and maintenance of criteria	20 July 2023
2023/06 13 February 2023	Proposals for amendment of Annexes 3, 4, 10, Volumes II and III, 15, PANS-ABC, PANS-AIM, as well as the publication of the first edition of PANS-IM, concerning aeronautical information management, system-wide information management and information security	14 August 2023
2023/01 26 January 2022	Proposals for the amendment of Annex 3, the new PANS-MET and consequential amendments to Annexes 6, Parts I, II and III, 10, Vol. II, 11, 15, PANS-ABC, PANS-AIM and PANS-ATM arising from the fifth meeting of the Meteorology Panel (METP/5)	26 July 2023

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2022/108 29 December 2022	Proposals for the amendment of Annexes 2, 10, Volume II, PANS-ATM (Doc 4444), PANS-AIM (Doc 10066) and consequential amendments to Annexes 1, 6, Parts I, II and III, 9, 11, 16, Volume IV, PANS-OPS, Volume III (Doc 8168), and PANS-ABC (Doc 8400) concerning the initial implementation of the flight and flow — information for a collaborative environment (FF-ICE) services	November 2024
2022/106 22 December 2022	Proposed amendments to Annex 10, Volume III, related to 24- Bit aircraft address stemming from the fourth meeting of the Surveillance Panel (SP/4)	November 2024

Near Future ICAO MID Events

Dates	Events	Venue
6-8 February 2024	ICAO EUR/MID Radio Navigation Symposium	Antalya, Türkiye

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