



ICAO

International Civil Aviation Organization  
North American, Central American and Caribbean Office

WORKING PAPER

ANI/WG/3 — IP/15  
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**Third NAM/CAR Air Navigation Implementation Working Group Meeting (ANI/WG/3)**  
Mexico City, Mexico, 4 to 6 April 2016

**Agenda Item 3: Global/Regional Air Navigation Developments**  
**3.2 ICAO relevant Standards and Recommended Practices (SARPs) updates**

**Relevant ICAO SARPS amendments for Air Navigation Implementation/ ANIWG**

(Presented by the Secretariat)

**EXECUTIVE SUMMARY**

The following Information Paper makes reference to the recent amendments and proposals of amendments for consideration in the ANI/WG TF discussions and implementation matters.

Attachment to this Paper provides this information

<i>Strategic Objectives:</i>	<ul style="list-style-type: none"><li>• Safety</li><li>• Air Navigation Capacity and Efficiency</li></ul>
<i>References:</i>	<ul style="list-style-type: none"><li>• ICAO State Letters- several</li></ul>

**1. Introduction**

1.1 See Appendix

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**LIST OF CURRENT ANNEXES AND AMENDMENTS**

**(Last Checked on 6 January 2016)**

The latest amendments and editions of Annexes to the Chicago Convention are available online at:

<https://portal.icao.int/icao-net/Pages/Annex-en.aspx>

The following is a list of the status of Annexes for reference and information.

Annex No.	Annex Title	Edition (Year)	Amendment (Year)	Corrigendum (Year)	Comment on relevant issues on last amendment-related to ANI/WG implementation matters
1	Personnel Licensing	11 (2011)	172 (2014)	—	
2	Rules of the Air	10 (2005)	44 (2014)	—	
3	Meteorological Services for International Air Navigation	18 (2013)	1-76 (incorporated)	1 (2013)	
4	Aeronautical Charts	11 (2009)	58 (2014)	1 (2010)	<ul style="list-style-type: none"> <li>Proposal for Amendment –Ref SP 52/4-15/44 dated 12 June 2015/ applicable date: 10 Nov 2016: the amendment of Annexes 4, 6, Parts I, II and III, 10, Volumes II and III, 11, 15, PANS-ABC (Doc 8400) and PANS-ATM (Doc 4444) relating to DLIC, CPDLC, ADS-C, PBCS and SATVOICE arising from OPLINKP/2</li> </ul>
5	Units of Measurement to be Used in Air and Ground	5 (2010)	1-17 (incorporated)	—	<ul style="list-style-type: none"> <li></li> </ul>
6	Operation of Aircraft Part I – International Commercial Air Transport - Aeroplanes	9 (2010)	38 (2014)	2 (2011)	<ul style="list-style-type: none"> <li>Proposal for Amendment –Ref SP 52/4-15/44 dated 12 June 2015/ applicable date: 10 Nov 2016: the amendment of Annexes 4, 6, Parts I, II and III, 10, Volumes II and III, 11, 15, PANS-ABC (Doc 8400) and PANS-ATM (Doc 4444) relating to DLIC, CPDLC, ADS-C,</li> </ul>

Annex No.	Annex Title	Edition (Year)	Amendment (Year)	Corrigendum (Year)	Comment on relevant issues on last amendment-related to ANI/WG implementation matters
6	Operation of Aircraft Part II – International General Aviation - Aeroplanes	8 (2014)	1-33 (incorporated)	—	<p>PBCS and SATVOICE arising from OPLINKP/2</p> <ul style="list-style-type: none"> <li>Proposal for Amendment –Ref AN 11/1.1.30-15/9 dated 15 April 2015/ applicable date: 10 Nov 2016: Proposal for the amendment of Annex 6, Parts I, II and III, the PANS-ATM and the PANS-OPS, Volume I regarding harmonization and alignment of terms, performance-based navigation (PBN), vision systems, icing phraseology and airborne collision avoidance system (ACAS)</li> </ul>
6	Operation of Aircraft Part III – International Operations – Helicopters	7 (2010)	19 (2014)	—	
7	Aircraft Nationality and Registration Marks	6 (2012)	1-6 (incorporated)	—	
8	Airworthiness of Aircraft	11 (2010)	104 (2013)	—	
9	Facilitation	13 (2011)	24 (2014)	—	
10	Aeronautical Telecom Volume I – Radio Navigation Aids	6 (2006)	89 (2014)	—	
10	Aeronautical Telecom Volume II – Communication Procedures incl. those with PANS Status	6 (2001)	89 (2014)	2 (2014)	<ul style="list-style-type: none"> <li>Proposal for Amendment –Ref AN 7/1.3.104-15/31 dated 24 April 2015/ applicable date: 10 Nov 2016: AFTN and new message types (use of XML for MET and AIM</li> <li>Proposal for Amendment –Ref SP 52/4-15/44 dated 12 June 2015/ applicable date: 10 Nov 2016: the amendment of Annexes 4, 6, Parts I, II and III, 10, Volumes II and III, 11, 15, PANS-ABC (Doc 8400) and PANS-ATM (Doc 4444) relating to DLIC, CPDLC, ADS-C, PBCS and SATVOICE arising from OPLINKP/2</li> </ul>

Annex No.	Annex Title	Edition (Year)	Amendment (Year)	Corrigendum (Year)	Comment on relevant issues on last amendment-related to ANI/WG implementation matters
10	Aeronautical Telecom Volume III – Communications Systems	2 (2007)	89 (did not affect this volume)	1 (2008)	<ul style="list-style-type: none"> <li>Proposal for Amendment –Ref AN 7/1.3.100-15/29 dated 4 May 2015/ applicable date: 10 Nov 2016: Digital Data Communication Systems _aeronautical mobile airport communications system (AeroMACS) SARPs</li> <li>Proposal for Amendment –Ref SP 52/4-15/44 dated 12 June 2015/ applicable date: 10 Nov 2016: the amendment of Annexes 4, 6, Parts I, II and III, 10, Volumes II and III, 11, 15, PANS-ABC (Doc 8400) and PANS-ATM (Doc 4444) relating to DLIC, CPDLC, ADS-C, PBCS and SATVOICE arising from OPLINKP/2</li> </ul>
10	Aeronautical Telecom Volume IV – Surveillance Radar and Collision Avoidance Systems	5 (2014)	70-89 (incorporated)	—	<ul style="list-style-type: none"> <li>Proposal for Amendment –Ref AN 7/1.3.105-15/78 dated 27 Nov 2015/ applicable date: 8 Nov 2018: changes to SSE, extended Squitter and ACAS coordination reply rates</li> </ul>
10	Aeronautical Telecom Volume V – Aeronautical Radio Frequency Spectrum	3 (2013)	89 (did not affect this volume)	1 (incorporated)	

Annex No.	Annex Title	Edition (Year)	Amendment (Year)	Corrigendum (Year)	Comment on relevant issues on last amendment-related to ANI/WG implementation matters
11	Air Traffic Services	13 (2001)	49 (2013)	3 (2011)	<ul style="list-style-type: none"> <li>• Proposal for Amendment –Ref AN 4/1.1.56-15/51 dated 10 July 2015/ applicable date: 10 Nov 2016: Amendment to Doc 4444 and Annex 14 for runway incursion warning system (ARIWS).</li> <li>• Proposal for Amendment –Ref SP 52/4-15/44 dated 12 June 2015/ applicable date: 10 Nov 2016: the amendment of Annexes 4, 6, Parts I, II and III, 10, Volumes II and III, 11, 15, PANS-ABC (Doc 8400) and PANS-ATM (Doc 4444) relating to DLIC, CPDLC, ADS-C, PBCS and SATVOICE arising from OPLINKP/2</li> <li>• Proposal for Amendment –Ref AN 11/1.1.30-15/9 dated 15 April 2015/ applicable date: 10 Nov 2016: Proposal for the amendment of Annex 6, Parts I, II and III, the PANS-ATM and the PANS-OPS, Volume I regarding harmonization and alignment of terms, performance-based navigation (PBN), vision systems, icing phraseology and airborne collision avoidance system (ACAS)</li> <li>• Proposal for Amendment –Ref AN 13/1.8-15/17 dated 13 March 2015/ applicable date: 10 Nov 2016: Proposal for the amendment of Annex 2, relating to speed variation and to the PANS-ATM relating to separation between arrival and departure operations.</li> <li>• Proposal for Amendment –Ref AN 13/2.5-15/45 dated 11 June 2015/ applicable date: 10 Nov 2016: Proposals for the amendment of the PANS-ATM (Doc 4444) relating to performance-based longitudinal and lateral separation minima and automatic dependent surveillance – contract (ADS-C) climb and descend procedure (CDP)</li> <li>• Proposal for Amendment –Ref AN 7/1.3.104-15/31dated 24 April 2015/ applicable date: 10 Nov 2016: Proposals for the amendment to the PANS-ATM (Doc 4444) relating to SID/STAR and vectoring procedures</li> </ul>

Annex No.	Annex Title	Edition (Year)	Amendment (Year)	Corrigendum (Year)	Comment on relevant issues on last amendment-related to ANI/WG implementation matters
12	Search and Rescue	8 (2004)	18 (2007)	—	
13	Aircraft Accident and Incident Investigation	10 (2010)	14 (2013)	1 (2010)	
14	Aerodromes Volume I – Aerodrome Design and Operations	6 (2013)	11B (2014)	1 (2013)	<ul style="list-style-type: none"> <li>Proposal for Amendment –Ref AN 4/1.1.56-15/51 dated 10 July 2015/ applicable date: 10 Nov 2016: Amendment to Doc 4444 and Annex 14 for runway incursion warning system (ARIWS).</li> </ul>
14	Aerodromes Volume II – Heliports	4 (2013)	6 (2014)	—	
15	Aeronautical Information Services	14 (2013)	38 (2014)	1 (2013)	<ul style="list-style-type: none"> <li>Proposal for Amendment –Ref SP 52/4-15/44 dated 12 June 2015/ applicable date: 10 Nov 2016: the amendment of Annexes 4, 6, Parts I, II and III, 10, Volumes II and III, 11, 15, PANS-ABC (Doc 8400) and PANS-ATM (Doc 4444) relating to DLIC, CPDLC, ADS-C, PBCS and SATVOICE arising from OPLINKP/2</li> </ul>
16	Environmental Protection Volume I – Aircraft Noise	7 (2014)	1-11B (incorporated)	—	
16	Environmental Protection Volume II – Aircraft Engine Emissions	3 (2008)	8 (2014)	—	
17	Security	9 (2011)	14 (2014)	—	
18	Safe Transport of Dangerous Goods by Air	4 (2011)	12 (2015)	—	
19	Safety Management	1 (2013)	—	—	

— END —