



ICAO

UNITING AVIATION

AANDD: Minimum Reporting Areas (AIM)

Third Meeting of the APIRG IIM/SG, 12-14 October 2020

Agenda Item 5- Air Navigation Planning, Deficiencies and Reporting in the AIM,
Areas

Presented by:

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Outline

- Aeronautical Information Publication (AIP)
- Aeronautical Charts (Charts)
- AIS Quality Management System (QMS)
- AIS Automation
- AIS Briefing
- AFI ASBU Plan/B0-DATM



Aeronautical Information Publication (AIP)

- Lack of regular and effective updating of AIP
- Non implementation/update of WGS-84:
 - Unable to implement basic PBN requirements
- Lack of implementation of AIRAC system
 - Publication of critical aeronautical information will not follow standard procedure - impact on safety of air navigation



Aeronautical Information Publication (AIP)

- Non-standard format of AIP
- Difficulty to locate essential safety information relevant to conditions of services
- Lack of Electronic AIP (eAIP)
 - AIP containing conflicting/misleading information within the different sections



NOTAMS

- Lack of timely issuance of NOTAMS
- Non-standard NOTAMS
- Lack of clarity of NOTAMS
- Lack of regular update of NOTAMS in force
- Effective distribution of NOTAMS
 - Non-availability of critical aeronautical information via NOTAMS



Aeronautical Charts (Charts)

- Non-production of aeronautical charts appropriate to the State
- Absence of full list of Aeronautical Chart
- Regular updates of charts

Lack of critical information essential for safety of air navigation



Units of Measurement

- Nonuse of standard units of measurement
- Non-compliance with standard units of measurement

Can impact on safety of air navigation



AIS Quality Management System (QMS)

Non implementation of a Certified AIS Quality Management System (QMS):

- Lack of effective AIM processes and procedures
- Cannot guarantee quality and accuracy of aeronautical data being published in the AIP
- Lack of effective AIS system
- Processes and procedures relating to AIS will not be reliable and standardised



AIS Automation

Lack of AIS automation:

- Increases the chance of human errors during processing of aeronautical information and reduces efficiency of AIS.



AIS Briefing

- Non provision of pre- flight information service at international airports
- Lack of functionally operational AIS Aerodrome Units at International Airports
- Lack of adequate training of AIS personnel

Lack of pre-flight information can affect flight planning by users and negatively impact on safety of air navigation



AFI ASBU Plan/B0-DATM

- Lack of WGS-84 implementation
- Lack of e-TOD implementation
- Lack of AIXM implementation
- Lack of e-AIP implementation
- Lack of Digital NOTAM

Service Improvement through Digital Aeronautical Information Management



AFI ASBU Plan/B0-DATM

- Lack of globally Interoperable Systems and Data
- Lack of Improved Flow Performance through Planning based on a Network-Wide view
 - Globally Interoperable System-Wide Information Management
 - Service Improvement through Digital Aeronautical Information Management



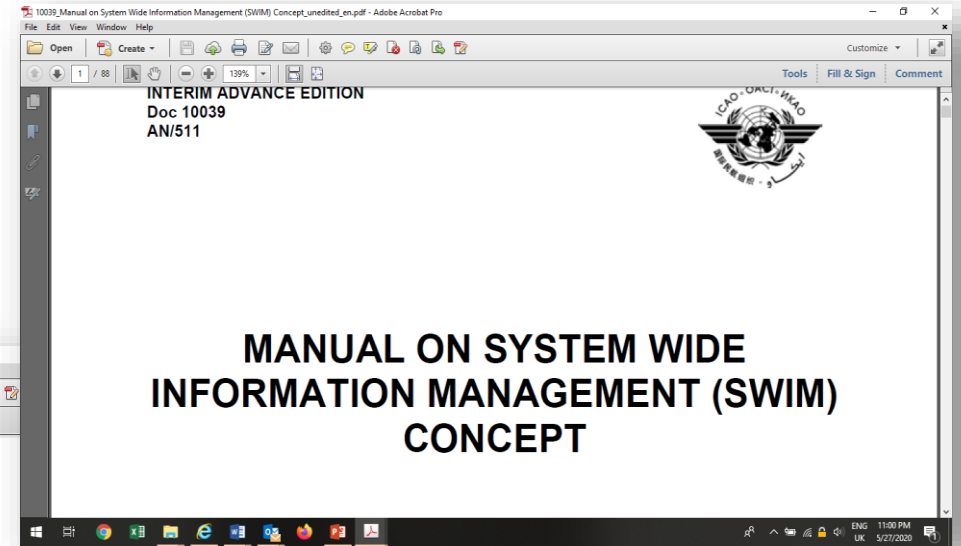
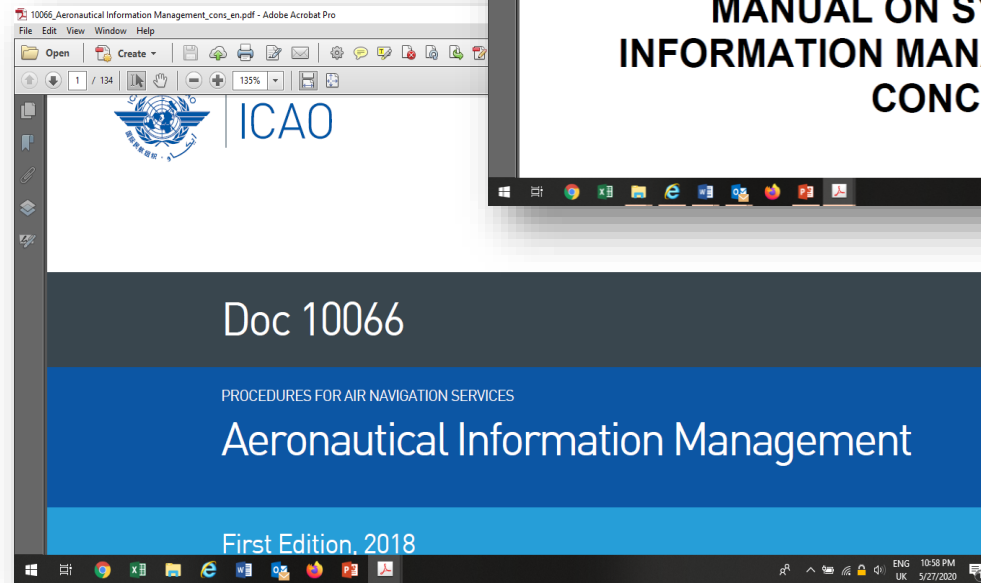
Missing Flight Plans

- Lack of implementation of AMHS
- Lack of correct Flight Plan Addresses
- Incorrect filling of flight plans
 - Ineffective end-to-end implementation of systems
 - Negative impact of safety and efficient of flight
 - Lack of effective and efficient ATM



PANS AIM

- Awareness on new PANS AIM (Doc 10066)
- SYSTEM WIDE INFORMATION MANAGEMENT (SWIM) CONCEPT (Doc 10039)





ICAO UNITING AVIATION

NO COUNTRY LEFT BEHIND



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Dakar

European and
North Atlantic
(EUR/NAT) Office
Paris

Middle East
(MID) Office
Cairo

Eastern and
Southern African
(ESAF) Office
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Beijing

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(APAC) Office
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THANK YOU