Overview of ICAO Air Navigation Work Program

Changes in Priorities

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International Civil Aviation Organization (ICAO)
Air Navigation Commission

The ICAO Air Navigation Commission (ANC)

• Recommends Standards and Recommended Practices (SARPs) and Procedures for Air Navigation Services (PANS) for the ICAO Council’s adoption or approval.

• Establishes and oversees Panels, which are technical groups of qualified experts that 1) advance solutions for specialized problems and 2) develop ICAO Standards for the evolution of air navigation.

• Approves the work plans of the Panels in coordination with the ICAO Secretariat, which has the resources to support and facilitate Panels and their work groups.
Restructuring of the ANC Panels (2012)
Current ICAO Air Navigation Work System

Compliance & Verification

Assess & Measure

Needs Analysis / Validation

Global Plans

GLOBAL PLANS

Implementation Planning

SARPs & PANS

Training & Guidance

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Global Air Navigation Plan (GANP)

• Objectives
  – International and overarching framework of a global investment plan: make it more usable towards implementation
  – Keep it stable while making the necessary updates/additions
  – Adjust the periodicity to the Assembly and ICAO editing cycles

• A Planning Document for Implementation
  – GANP should be comprehensive planning tool to support the development and implementation of a harmonized global air navigation system
Global Aviation Safety Plan (GASP)

• **Objectives**
  – No significant changes to technical content
  – Simplify document to improve comprehension and usability

• **Technical Content Review**
  – GASP objectives & framework unchanged
  – Adjust the long-term objective of 2027 to 2028 to align with Assembly and ICAO editing cycles
  – Clarifies expected roles of International, Regional, and National users of the GASP (Objectives, priorities, etc.)
  – NCLB Initiative
  – New Safety Roadmap
Reporting against the Current Global Plans

2014–2016 Global Aviation Safety Plan

2013–2028 Global Air Navigation Plan

Coming Soon

Safety Report

Air Navigation Report

Coming Soon
Realities of the ICAO Work Program

• Consolidation of the work program under the auspices of the GASP and GANP and restructuring have increased some efficiencies, however challenges still exist.

• The ICAO Secretariat, namely the Air Navigation Bureau (ANB), has seen a reduction in their resources, providing difficulties in expansion of the work program.

• ANB staffing has been reduced with fewer technical staff to support work program activities, leading to Panels drafting guidance materials, which in the past were typically done by the Secretariat.
Current and Emerging Issues Impacting Priorities in the ICAO Work Program

- Global Tracking
- Aircraft Mobility
- Cyber Safety
- RPAS
- Space Transport
Some Thoughts About the Future…

SARPs-ready proposals from Standards-making organizations and other aviation stakeholders

Continued evolution of our standardization methodology

Implementation support systems and collaboration
EMPOWER Stakeholders
DELIVER Measurable Results

ANTICIPATE the needs
COLLABORATE on global priorities
RECALIBRATE to performance standards
FACILITATE State implementation
COMMUNICATE progress
VALIDATE results

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