



STA/10-WP/40
24/11/09

TENTH SESSION OF THE STATISTICS DIVISION (STA/10)

Montréal, 23 to 27 November 2009

DRAFT REPORT ON AGENDA ITEM 7

The Plenary, on 25 November 2009, approved the report on Agenda Item 7.

Agenda Item 7: Air navigation services providers (ANSPs) en-route facility traffic data

New ICAO Aircraft Movement Data Collection (WP/17)

7.1 DOCUMENTATION

7.1.1 WP/17 proposed a new collection of aircraft movement data based on the conclusion of STAP/14 and its Working Group 1 Report. In the interest of avoiding duplication of efforts, exploring synergies and pooling resources, it suggested that ICAO's Statistics Programme seeks the collaboration from ICAO's Committee on Aviation Environmental Protection (CAEP) and its Modelling and Databases Task Force (MODTF) for updating their Common Operations Database (COD), with the intention to start with collecting 2010 data in 2011. The creation of one harmonized, global aircraft movement database would enable ICAO to perform traffic analyses that address the changing requirements in air traffic management and air navigation for potential applications, such as safety and efficiency assessments in support of, for instance, the performance-based navigation (PBN) concept. The implementation of the proposed data collection would require active support from Member States, air navigation services providers (ANSPs), their industry associations as well as additional resources. It would also overcome the limitations of Form L data collection where the data currently requested precluded such traffic analyses and was suffering from insufficient coverage due to lack of reporting by States.

7.2 DISCUSSION

7.2.1 EASA welcomed the initiative and stressed the importance that an aircraft movement database would also include the aircraft type and, thus, enabling its use for monitoring safety issues.

7.2.2 EUROCONTROL, providing the resources together with United States' Department of Transportation/Federal Aviation Administration (DoT/FAA) in building the COD and sharing vast experiences to harmonize their respective 2006 aircraft movement databases, accepted this initiative in principle. EUROCONTROL valued the prospect of widening the geographical range of the COD during a forthcoming update but cautioned against underestimating the collaborative efforts required for that endeavour. As a caveat, it was stated that the COD has been invented to calculate global emissions and much work would be needed to match the data set to be identified and defined with envisaged applications. The Secretariat confirmed that the typical data structure given in Appendix B was for information purposes only and not linked to the recommendation.

7.2.3 On the basis of these deliberations, the Division adopted the following Recommendation:

Recommendation 7/1

The Division recommends that:

The ICAO's Statistics Programme will:

- a) pursue the collection of aircraft movement data across FIRs/UIRs annually from ANSPs through States with the intention to start with 2010 data in 2011, and in so doing seek collaboration from ICAO's CAEP and its

MODTF for an update of their COD with a view to avoiding duplication, exploring synergies and pooling of resources;

- b) develop a protocol for the protection and electronic transmission of FIRs/UIRs data to be identified and defined in close collaboration with ANSPs; and
 - c) discontinue Reporting Form L.
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