



Briefing from the
Technical Cooperation Bureau (TCB)
to the
SAM Interoperability Group Meeting

3 November 2020

Agenda

1. TCB today
2. ANS oriented Services
3. ICAO Procurement Agreements in support of ANS activities
4. Way forward



Mission

The mission of the Technical Cooperation Bureau (TCB) is to support States in improving their abilities to comply with international civil aviation Standards and Recommended Practices (SARPs).

TCB in Numbers

1952: establishment of TCB

US\$ 2 billion: value of projects implemented in all fields of civil aviation since the establishment of TCB

100: average number of projects being implemented per year

350-400: average number of experts recruited by TCB for the field per year

115: ICAO Member States that have benefited from TCB Services

TCB provides solutions to the civil aviation industry (i.e regulatory bodies or service providers) through customized programmes in the following fields:



Air Navigation Capacity and Efficiency

- Planning
 - Airspace Design
 - Procedures Design
 - PBN Implementation
 - National Air Navigation Plans
- Separation of Air Navigation Service Providers
- Provision of Equipment
 - COM Systems (AFTN, AMHS, Voice IP, Pan-Regional Networks, ATIS, HF/VHF/UHF Radios)
 - Navigation Systems (ILS, DME, VOR, RNAV and RNP Approaches)
 - Surveillance Equipment (Primary and Secondary Radars, Surface Movement Radars, ADS-B, ADS-B/CPDLC, ADS-B SAT, Multi-lateration Systems)
 - AIS and Aeronautical Information Exchange Model (AIXM)
 - Meteorological Systems
 - Remote Towers
 - Simulators
 - Air Traffic Control Training

Procurement pre-Selection of qualified suppliers in support of ANS activities



- **Agreements with pre-selected suppliers:** ICAO can advance the procurement process and pre-select potential qualified suppliers, which will allow ICAO customers to benefit of more competitive offers and shortening the tendering and awarding processes.

Agreements in support of ANS activities

1. **Pre-Agreement with ADS-B SAT Suppliers:** Potential Agreement to be signed between ICAO and the ADS-B SAT Service providers to benefit those states implementing this solution when procuring it through the ICAO.



2. **Special conditions to be negotiated by with all ATM System suppliers:** Since there are integration issues because every State has a different ATM center, ICAO suggest that would be better served getting standard conditions with any ATM company for integration and commissioning the ADS-B SAT signal into the existing ATM solution.

Way forward to benefit from TCB services

- **How?**
 - Technical Specifications to be developed by the Regional Office together with the IG.
 - With consolidated requirements and needs, ICAO can negotiate better conditions.
 - Solution to be purchased and implemented under a Regional Project (RLA) to be decided.
 - Expression of interest of those States which could be interested in the implementation of the ADS-B SAT signal plugged into their ATM Systems and services.
- **Where to submit your expression of interest?**
 - Submitted to Lima RO before the end of November 2020 to start negotiations with potential suppliers asap.
- **Who?**
 - ICAO TCB (Procurement Services)
- **When?**
 - To get a consolidated approach on the potential special agreements with the suppliers mentioned during the 1st Semester 2021



Thank you for your attention