



**World Meteorological Organization**  
**Organisation météorologique mondiale**

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Weather • Climate • Water  
Temps • Climat • Eau

Our ref.: OBS/OSD/AMDAR TF-Contr-2016

GENEVA, 23 February 2016

Subject: Contribution to the AMDAR Panel Trust Fund

Dear Sir/Madam,

You will recall that the Aircraft Meteorological Data Relay (AMDAR) observing system is now a fully operational component of the Global Observing System of the WMO World Weather Watch Programme. WMO programmatic responsibility for ongoing maintenance and development of AMDAR is the responsibility of two WMO expert teams, namely the Commission for Basic Systems (CBS) Expert Team on Aircraft-Based Observing Systems (ET-ABO) and the Commission for Instruments and Methods of Observations (CIMO) Expert Team on Aircraft-based Observations (ET-AO), together referred to as the Aircraft-Based Observations Programme (ABOP).

These teams and their work programmes and activities continue to be supported by the AMDAR Trust Fund under agreed and approved Terms of Reference<sup>1</sup>.

The ABOP teams have developed a comprehensive strategy and a work plan and budget<sup>2</sup> that are based on the actions relevant to aircraft-based observations and AMDAR from the CBS Implementation Plan for Evolution of the GOS<sup>3</sup>.

Over 2015, the ABOP coordinated and completed work towards the following activities and outcomes:

- Conducted two Regional Workshops on AMDAR in Nairobi, Kenya (June 2015) and Casablanca, Morocco (December 2015);
- Continued with the development and implementation of Aircraft-Based Observations Regional Implementation Plans in collaboration with WMO Regional Associations;

<sup>1</sup> See: [http://www.wmo.int/pages/prog/www/GOS/ABO/documents/AMDAR\\_TF\\_ToR\\_Jan2013\\_Approved.pdf](http://www.wmo.int/pages/prog/www/GOS/ABO/documents/AMDAR_TF_ToR_Jan2013_Approved.pdf)

<sup>2</sup> See: [http://www.wmo.int/pages/prog/www/GOS/ABO/ABO\\_Work\\_Program.html](http://www.wmo.int/pages/prog/www/GOS/ABO/ABO_Work_Program.html)

<sup>3</sup> See WIGOS Technical Report 2013-04, Implementation Plan for the Evolution of Observing Systems (EGOS-IP): <https://www.wmo.int/pages/prog/www/OSY/Publications/EGOS-IP-2025/EGOS-IP-2025-en.pdf>

To: Permanent Representatives (or Directors of Meteorological or Hydrometeorological Services) of Members of WMO (PR-6889)

cc: President of CBS )  
President of CIMO ) (for information)  
Chairperson CBS/ET-ABO )  
Chairperson CIMO/ET-AO )

- Advanced the revision and development of new guidance and regulations for AMDAR to be included in WMO Technical Regulations;
- Completed a project for the development of AMDAR software for 63 Air France Boeing 777 aircraft – for the provision of upper-air data over Africa, the Indian Ocean and the Pacific; and
- Prepared and held a joint meeting of the CBS and CIMO ABO Expert Teams in December 2015, in Casablanca, Morocco.

***Contribution to the AMDAR Trust Fund***

In line with Resolution 22 (Cg-17), you are invited to make a contribution to the AMDAR Trust Fund for the support of technical developments and capacity-building related to AMDAR, in particular for the following very important ongoing activities associated with the Aircraft-Based Observations Programme:

- AMDAR communication costs in support of international AMDAR data provision over upper-air data sparse areas, including Africa;
- AMDAR software development;
- Consultancy for technical coordination and project management for AMDAR global expansion and enhancement;
- Attendance at aviation standards forums and other meetings; and
- Holding of technical workshops, seminars and meetings supporting national and regional AMDAR development.

Alternatively, you may wish to consider providing support for specific ongoing activities in the Aircraft-Based Observations work programme.

I would be most grateful for an indication of whether your country will contribute to the AMDAR Trust Fund for the period 2016 in support of Aircraft-Based Observations Programme activities and the related projects and initiatives. In the affirmative, an early indication of the amount that you may be able to contribute to the AMDAR Trust Fund or other support that you are prepared to offer would also be appreciated.

Yours faithfully,



(P. Taalas)  
Secretary-General