



World Meteorological Organization  
Organisation météorologique mondiale

Secrétariat

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Weather • Climate • Water  
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Our ref.: OBS/OSD/AMDAR TF-Contr-2014

GENEVA, 15 April 2014

Subject: Contribution to the AMDAR Panel Trust Fund

Dear Sir/Madam,

You will recall that the Aircraft Meteorological Data Relay (AMDAR) observing system, previously the programmatic responsibility of the former WMO AMDAR Panel, 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 further development of AMDAR is now 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) Task Team on Aircraft-based Observations (TT-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 2013 and early 2014, the ABOP coordinated and completed work towards the following activities and outcomes:

- Held first sessions of ET-ABO (Geneva, Switzerland, September 2013) and TT-AO (Geneva, Switzerland, February 2014);
- Produced the ABOP Strategy & Implementation Plan Version 2013.1;
- Reviewed and finalized the production of the CIMO Instrument and Observing Methods (IOM) Report 114, *AMDAR Onboard Software Functional Requirements Specification*;
- Produced the WIGOS Technical Report 2014-1, *Benefits of AMDAR to Meteorology and Aviation*;

<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): [http://www.wmo.int/pages/prog/www/WIGOS-WIS/technical\\_reports.html](http://www.wmo.int/pages/prog/www/WIGOS-WIS/technical_reports.html)

To: Permanent Representatives (or Directors of Meteorological or Hydrometeorological Services) of Members of WMO (PR-6764)

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

- Produced the WIGOS Technical Report 2014-2, *Requirements for the Implementation and Operation of an AMDAR Programme*;
- Employed the AMDAR Development Officer (half-time) to assist the ABOP with planning and activities related to global AMDAR programme development;
- Compiled and distributed volumes 5 and 6 of the WMO AMDAR Observing System Newsletter.

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

In line with Resolution 3 (Cg-XVI), you are invited to provide financial support to the AMDAR Trust Fund so as to ensure ongoing support for technical development and capacity-building related to AMDAR, in particular for the following very important activities associated with the Aircraft-Based Observations Programme:

- Ongoing and new consultancy work on various matters including: Global AMDAR Programme Development, the Study on Current & Future Communications & Technology Impact on AMDAR; and, development of an education and outreach online module for AMDAR;
- Attendance at aviation standards forums and other meetings;
- Holding of technical workshops, seminars and meetings supporting national and regional AMDAR development;
- AMDAR Software development; and
- Establishment of a global aircraft-based observations' Data Center.

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 2014 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 Trust Fund or other support that you are prepared to offer would be much appreciated.

Yours faithfully,



(J. Lengoasa)  
for the Secretary-General