

**WMO AMDAR PANEL  
(Fifteenth Session)**

(BOULDER, USA, 6-9 NOVEMBER 2012)

ITEM: 3.3

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**AMDAR PROGRAMME STATUS**

***Status Reports on National and Regional Programmes***

AMDAR Programme Status Report for Republic of Korea

*(Submitted by Jin-Ah Lee)*

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**SUMMARY AND PURPOSE OF DOCUMENT**

Provides a progress and activity report for the Korean AMDAR Programme.

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**ACTION PROPOSED**

1. The Panel is invited to note the information contained in the document.
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**PROGRESS AND ACTIVITY REPORT**

**Current Status**

1. The Korea Meteorological Administration (KMA) has implemented the AMDAR programme since December 2006 with the completion of the AMDAR data processing system, and began to disseminate AMDAR data in FM94 BUFR format via WMO's Global Telecommunication System (GTS) in June 2007.
2. KMA is currently receiving AMDAR data from 19 Korean aircrafts (14; Korean Air, 5; Asiana Airlines) with AMDAR observations being transmitted via GTS.

Airlines	County of Airline	Aircraft Type	Operation	Number of Aircraft	AMDAR Software	Format On GTS
Korean Air	Republic of Korea	B744	International	3	ARINC 620-6	BUFR
		B737	Regional/Domestic	11	ARINC 620-6	BUFR
Asiana Airlines		A320	Regional/Domestic	5	ARINC 620-6	BUFR

**Development and Other Activities**

3. Since November 2008, KMA has been transmitting flight-level data in pressure-altitude format relative to QNH in accordance with AMDAR reference.
4. Asiana Airlines has participated in Korean AMDAR programme, and began to disseminate AMDAR data via WMO's Global Telecommunication System (GTS) in December 2010.
5. At present, global AMDAR data, not only those from KMA, are assimilated into the global NWP models of KMA. AMDAR data are also utilized for setting up the initial field of very short range forecast systems.

**Future Plans**

6. KMA plans to upgrade the AMDAR data processing system for improving data quality and increase the number of data providers continuously.

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