**Fourteenth Meeting of the Cross Polar Trans East Air Traffic Management Providers’ Work Group (CPWG/14)**

(Chicago, USA – 10-14 December 2012)

**Agenda Item 5: Provide Status on CPWG/13 Actions**

**Summary of the Outcomes of the 4th Air Traffic Control Operation Coordinating Meeting**

**between Civil Aviation Bureau, Japan and Federal Air Navigation Authority of Russia**

(Action Item #06-01, #10-08)

(Presented by Civil Aviation Bureau, Japan)

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| SUMMARY  This information paper presents a summary of outcomes and accomplishments from the 4th Air Traffic Control Operation Coordinating Meeting between Civil Aviation Bureau, Japan (JCAB) and Federal State Unitary Enterprise of the State ATM Corporation, hosted by JCAB in Tokyo, 28-29 November 2012. |

1. **Introduction**
2. Japan and Russia have held several Air Traffic Control (ATC) coordination meetings for these years and achieved significant improvements to ATC operation in Japan and Russia.
3. After one and a half years since the last meeting in Khabarovsk in March 2011, Japan invited Federal State Unitary Enterprise of the State ATM Corporation for a Japan - Russia ATC meeting in November 2012 to discuss operational issues, exchange opinion and update information.
4. **Discussion**

One-year-review of the Letter Of Agreement (LOA) regarding ATC operation between Sapporo and Khabarovsk Area Control Center (ACC)

1. With the implementation of Reduced Vertical Separation Minima (RVSM) to Russian airspace in November 2011, transfer of altitude based on feet instead of meter has also been introduced. These made Sapporo Area Control Center alleviate the task of altitude conversion from meter to feet, and additional usable altitudes have eased controllers of workload in altitude assignment, and have brought huge benefits to operators. Both the State ATM Corporation and JCAB did not recognize any problems with regard to result of operation for almost a year and agreed to step forward in order to enhance the efficiency of operations of aircraft as follows:

* Reduction of the longitudinal separation

Sapporo ACC and Khabarovsk ACC will commence consideration of the feasibility of reducing the longitudinal separation from 20 nautical miles (NM) to 15NM.

* Implementation of radar hand-off procedures around Sakhalin and Hokkaido

Sapporo ACC and Khabarovsk ACC have been conducting radar hand-off procedures between IGROD and AVGOK. In addition to that, Khabarovsk ACC proposed to introduce the radar hand-off procedures between AKSUN, ANIMO, LUMIN and BISIV for the purpose of reducing controllers’ workload and undesirable altitude change to establish non-radar basis longitudinal separation. The longitudinal separation will be reduced from 10min (70-80NM) to 20NM by introducing radar hand-off procedure. Since JCAB has to consider the necessity of preparing additional voice page circuit before the implementation, both parties agreed to continue coordination.

The collaborative work for temporary airspace restrictions within Japan and Russian Federation Flight Information Regions (FIRs)

1. There were several abrupt airspace restrictions adjacent to Fukuoka FIR within Khabarovsk FIR.

In order to resolve these issues, JCAB would like to sign and make effective the LOA between JCAB Air Traffic Management Center (ATMC) and Main Air Traffic Management Center (MATMC) of Russia which both sides have been coordinating. The State ATM Corporation made comments that Russian side would support to expedite to sign the LOA. At the same time, Sapporo ACC and Khabarovsk ACC exchanged the Point of Contact for sharing information such as airspace restrictions and coordinating ATC issues at the earliest opportunity.

Introduction of the Air Traffic Services (ATS) Inter-Facility Data link Communication (AIDC) between Japan and Russian Federation facilities

1. JCAB presented current situation as for AIDC introduction between Japan and adjacent FIRs. At present time, JCAB is going to introduce AIDC between Fukuoka ACC and Shanghai ACC, People’s Republic of China in 2014. Considering resource and workload for development, both sides agreed to aim at commencing introduction of AIDC between Sapporo ACC and Khabarovsk ACC in 2015. In addition, JCAB and the State ATM Corporation discussed the technical issues such as the usable protocol, the direct circuit and so on.

The international exercise for a large scale eruption (VOLKAM13)

1. JCAB presented the VOLCAM 13, which will be held from 2100UTC, 15 January, 2013 to 0600UTC, 16 January 2013, and shared information on that between both parties. In this exercise, not only Japanese or Russian facilities but also those of U.S will participate in it. Both parties agreed to continue to share information in preparation for possible volcanic activities.
2. **Recommendation**
3. The Meeting is invited to note the information provided in this paper.