

**Sixteenth Meeting of the Cross Polar Trans East Air Traffic Management Providers' Work Group
(CPWG/16)**

(Ottawa, Canada 3-6 December 2013)

Agenda Item 5: Provide Stauts on CPWG/15 Actions

**DRAFT ROUTE BETWEEN PETROPAVROVSK KAMCHATSKY FIR AND FUKUOKA FIR
IN VOLKAM14**

(Action Item CP 15-04)

(Presented by Japan)

SUMMARY

This paper presents information concerning the cross boundary coordination between Petropavrovsk Kamchatsky FIR and Fukuoka Oceanic FIR in VOLKAM14.

1 Introduction

1.1. In the exersize of VOLKAM13, aircraft operatore requested route-change from Russian route to cross boundary route between Petropavrovsk Kamchatsky FIR and Fukuoka Oceanic FIR. However Both ANSP could'nt accept those route-change requests due to lack of LOA and there is no direct communication line Between the ACC. The issue was one of important lessons and learned from VOLKAM13.

2 Discussion

2.1. State ATM corporation and JCAB thought that the issue must solve for aircraft safty in case of volcanic activity. Petropavrovsk Kamchatsky ACC and Fukuoka ATMC continued coordination to cope with this issues. Both ANSP agreed to develop the draft of Letter Of Agreement for Volcanic activity contingency.

2.2. Attachment A is the draft of LOA by mutual agreement which achieved in this summer. This LOA is effective only limited conditions in exersize VOLKAM14.

2.3. However JCAB would like to continue coordination with State ATM Cooperation of Russia to develop the normal LOA not only limited under the Volcanic Ash Exersize.

2.4. After the VOLKAM14 completed, JCAB will be review the detail of LOA then JCAB would liked to start next step coordination with State ATM Cooperation.

2.5. JCAB will continue periodic report this issue to CPWG.

3 Recommendation

3.1. The Meeting is invited to note the information provided in this paper.

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LETTER OF AGREEMENT
BETWEEN
THE PETROPAVLOVSK-KAMCHATSKY AREA CONTROL CENTER (PK ACC)
OF THE RUSSIAN FEDERATION
AND
THE AIR TRAFFIC MANAGEMENT CENTER (FUKUOKA ATMC)
OF JAPAN CIVIL AVIATION BUREAU (JCAB)

EFFECTIVE: MM DD 2013

SUBJECT: PROCEDURES OF COORDINATION BETWEEN PK ACC OF RUSSIA AND
FUKUOKA ATMC IN VOLKAM14 EXERCISE

1. PURPOSE:

The purpose of this LOA is to establish procedure of coordination between PK ACC of Russia and FUKUOKA ATMC (hereinafter referred to as Centers) in VOLKAM14 exercise.

2. SCOPE:

This LOA is supplemental to the procedures contained in ICAO Annex 11 and other ICAO document regarding to activities potentially hazardous to civil aircraft or contingency arrangement.

3. PROCEDURE:

- a The Transfer of control point (TCP) shall be the common FIR boundary, which shall also be the point of acceptance of primary communication guard and point of assuming responsibility of alerting services. Control for clearance is also relinquished to the receiving facility at the TCP unless otherwise coordinated.
- b In VOLKAM14 exercise, simulated airways (VOLWAY1, VOLWAY2, VOLWAY3 and VOLWAY4) shall be utilized for avoidance of volcanic ash.
The TCP sets to VOLX1, VOLX2, VOLX3 and VOLX4 respectively and shall be used in the reroute coordination between PK ACC and FUKUOKA ATMC. (See attachment A)
- c Transfer of control messages shall be completed at least 30 minutes prior to the TCP and shall contain the following information:
 - (1) Reason (contingency, urgent avoid VA, etc.)
 - (2) Aircraft Information
 - (a) call sign
 - (b) aircraft type
 - (c) departure and destination airport
 - (d) flight planned route
 - (e) requested route (VOLWAY1, 2, 3 and 4)
 - (f) Geographic point where the aircraft will cross the common FIR boundary (VOLX1, 2, 3 and 4)
 - (g) Estimated time of crossing the common FIR boundary
 - (h) Last assigned flight level
 - (3) Any pertinent remarks
- d After receiving information, if necessary, the Centers shall coordinate the way how to transfer the frequency (transfer point, frequency).
- e In the case of an emergency, the controlling facility shall advise the receiving facility of any action(s) taken as soon as possible.

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4. COMMUNICATION MEANS :

- a The means of communication between the Centers shall be commercial phone.
A list of communication of each facility is shown on attachment B.
- b The Centers shall advise each other of any changes in telephone numbers.

5. REVIEW AND MODIFICATION:

This agreement will be reviewed as necessary. Modifications to this agreement may be accomplished anytime by mutual consent of both parties concerned, except Attachment B, which will be updated as necessary.

6. DURATION:

This agreement will remain in effect until VOLKAM14 exercise is completed.

Andrey A. Vovk
Head,
Petropavlovsk-Kamchatsky Area
Control Center
State ATM Corporation of the Russian
Federation

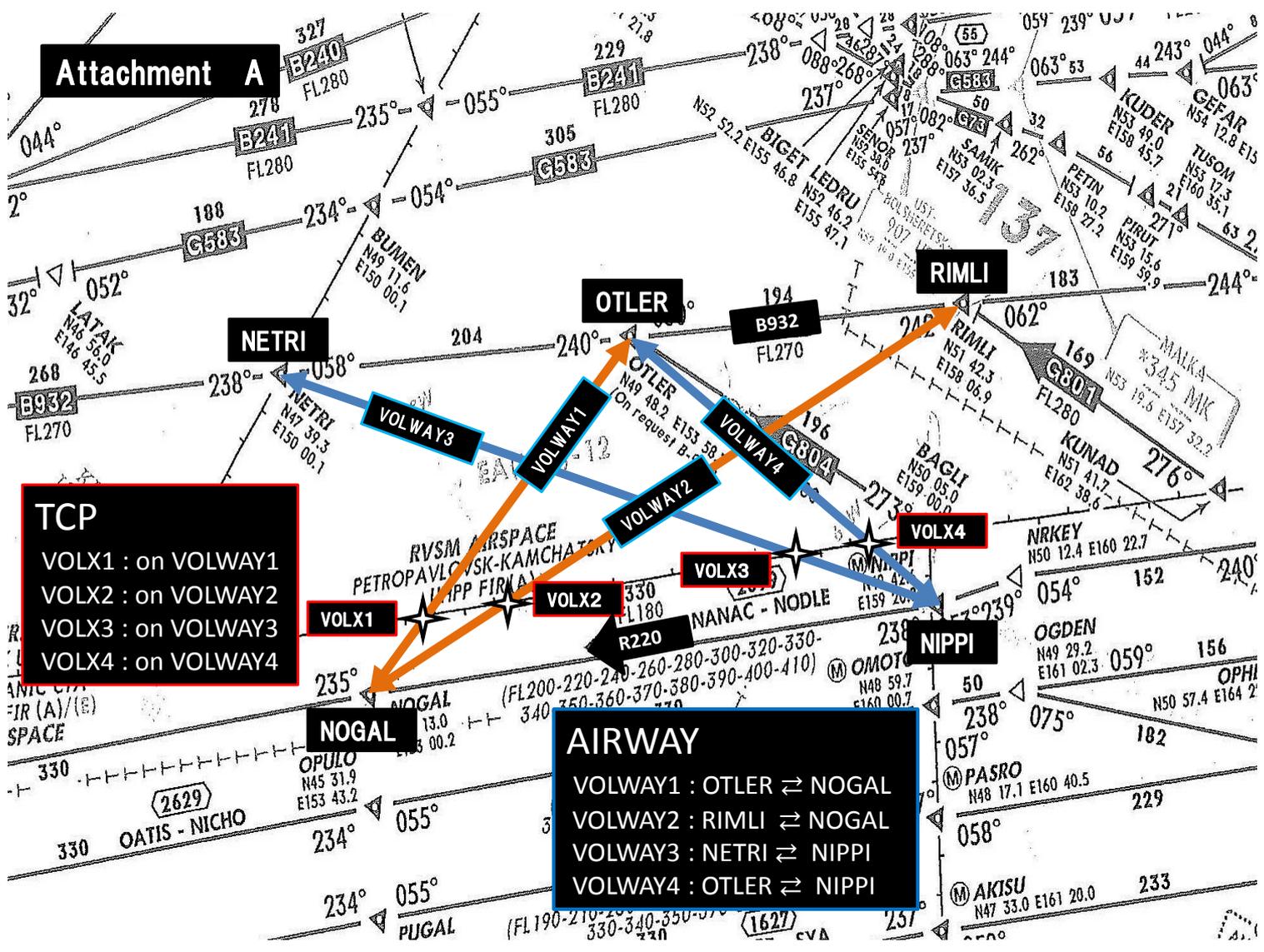
Date:

Hiroyuki Naitoh
Director,
Air Traffic Management Center

Japan Civil Aviation Bureau

Date:

Attachment A



TCP

- VOLX1 : on VOLWAY1
- VOLX2 : on VOLWAY2
- VOLX3 : on VOLWAY3
- VOLX4 : on VOLWAY4

AIRWAY

- VOLWAY1 : OTLER ⇌ NOGAL
- VOLWAY2 : RIMLI ⇌ NOGAL
- VOLWAY3 : NETRI ⇌ NIPPI
- VOLWAY4 : OTLER ⇌ NIPPI

