International Civil Aviation Organization

MIDANPIRG Communication Navigation and Surveillance Sub-Group (CNS SG)

Sixth Meeting
(Tehran, Iran, 9 – 11 September 2014)

Agenda Item 5:   **Performance Framework for CNS Implementation in the MID Region**

NDB DECOMMISSIONING PROGRAM OF I.R.IRAN

(Presented by I.R.Iran)

SUMMARY

The aim of this paper is to provide an update on NDB decommissioning program of I.R.IRAN.

1.   INTRODUCTION

1.1   NDB provides simple navigational guidance which is not safe and efficient enough to serve the new complicated airspaces and traffics. The MIDANPIRG 14 meeting noted that the following States (Egypt, Iran, Jordan, and Syria) did not complete the decommissioning of NDBs. Accordingly, the meeting encouraged these States to properly plan for the decommissioning of NDBs by 2014.

1.2   NDBs provide several navigation services in Iran FIR, and complete decommissioning of NDBs need a long term program. CAO.IRI with cooperation of other stockholders in air navigation has developed the NDB decommissioning program of I.R.IRAN.

2.   DISCUSSION

2.1   NDB decommissioning program of I.R.IRAN is published in CAD 8010 and it has three phases as below:

- *Phase 1: NDB Deployment Suspension*
  In this phase, No new NDB will be installed and No new flight procedure or route based on NDB will be designed and published. This phase starts from the date of CAD8010 publication, i.e. 2014.

- *Phase 2: Reducing The NDB Usage*
  All SIDs, STARs and APP procedures based on NDBs in International airports will be suspended by the end of 2018. The procedures will be deleted after one year of suspension. By the end of 2021, all operational usages of NDBs will be suspended. The related procedures and routes will be deleted after one year of suspension.

- *Phase 2: NDB Decommissioning*
  NDBs with no operational procedures will be decommissioned.

3. **CONCLUSION**

3.1   NDB decommissioning program of I.R.IRAN has published as CAD8010. This program starts from 2014 and by 2021, all NDBs will be decommissioned in IRAN.

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