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Rationalization of ground-based NAVAIDs

1. Introduction

According to IR 2018/1048, Croatian NSA has tasked Croatia Control Ltd., the Croatian air navigation service provider to develop PBN implementation/transition plan to ensure regulatory compliance with the PBN IR and PCP IR, and to meet passenger demands, without impacting on the safety or capacity of the airspace whilst fulfilling our national environmental commitments.

First phase of the change took place in 2020 with implementation of RNAV1 or RNP1 specification SIDs and STARs with connection to FRA and RNP approaches to all instrument RWY ends (except LDLO due to airport operator RWY extension project). This phase is documented in PBN transition plan for Croatia, v.1.0.

Second phase of this change is reduction of conventional instrument procedures, which leads to decommissioning of ground-based NAVAIDs that will start in 2022.

2. General

After consultation with stakeholders to define targeted NAVAID infrastructure reduction Croatia Control Ltd. started a change to accommodate mandated plans by Croatian NSA to accomplish required navigational service to all state aircraft before and after PBN IR targeted full implementation date and to provide uninterrupted service in case of GNSS failure.

3. Targeted NAVAID infrastructure

- VAR NDB
- ZAG NDB
- VRS NDB
- KO L
- GS L
- VL L

4. Affected instrument flight procedures

Decommissioning of targeted infrastructure will have impact on instrument procedures connected to airports LDZA, LDRI and LDPL. All affected procedures will be withdrawn/changed accordingly.

Targeted infrastructure may be in use for the following VFR aerodromes LDVC, LDVA, LDRG, LDPV, LDRP and LDPP.

All changes will be published timely via scheduled AIRAC AIP amendments.

5. Defined AIRAC cycles for removal of targeted NAVAID infrastructure

- AIRAC 19 MAY 2022 VAR NDB and ZAG NDB
- AIRAC 01 DEC 2022 KO L
- AIRAC 23 MAR 2023 VRS NDB, GS L and VL L

6. Additional information

The complete content of the Commission Implementing Regulation (EU) No 2018/1048, laying down airspace usage requirements and operating procedures concerning performance-based navigation can be consulted at:

<https://eur-lex.europa.eu/legal-content/AUTO/?uri=CELEX:32018R1048&qid=1648638927376&rid=1>