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## **A003. NEW EDITION OF LATVIAN AIP**

### **1. General**

This AIC promulgates a new edition of Latvian Aeronautical Information Publication (AIP) that includes major changes in content and aeronautical data format used.

Following the latest ICAO provisions the AIS of the Republic of Latvia has prepared the new edition of Latvian AIP in order to:

- use Latvian Integrated AIM Data Base (hereinafter referred to as IAIM DB) as a quality assured data source for eAIP/AIP Data Set production;
- automatically generate eAIP content by means of Aeronautical Information Exchange Model (AIXM) v. 5.1 aeronautical features;
- implement AIP Data set as a new aeronautical information product provided by AIS that can be effectively used by next users, particularly by providers of data services (DAT).

### **2. Major changes to AIP content and format**

Electronic form of the new AIP edition basically meets the EUROCONTROL 'Specification for the Electronic Aeronautical Information Publication (eAIP)' (edition 2.1, dated 6 October 2015) and additional layout improvement has been implemented to present all aeronautical information currently published in Latvian eAIP.

(ICAO) AIP Data Set - Coding Guidelines [https://ext.eurocontrol.int/aimx\\_confluence/display/ACGAIP/Overview](https://ext.eurocontrol.int/aimx_confluence/display/ACGAIP/Overview) were used to code ICAO AIP Data Set in AIXM 5.1 format.

EUROCONTROL Guidelines for AIP to AIXM 5.1 Mapping (Edition Number 0.9.1) were used as a basic material for the mapping between the information contained in the Aeronautical Information Publication (AIP) and the Aeronautical Information Exchange Model (AIXM) v. 5.1.

AIP data set as specified in ICAO Doc 10066, *Procedures for Air Navigation Services - Aeronautical Information Management* (PANS-AIM), is provided along with the new AIP edition and the following sections of the AIP prefixed with "#AIP-DS#" are omitted and the reference is provided to the available AIP data set:

- GEN 2.5 List of radio navigation aids;
- ENR 2.1 FIR, UIR, TMA and CTA;
- ENR 3.3 Area navigation routes;
- ENR 3.6 En-route holding;
- ENR 4.1 Radio navigation aids - en-route;
- ENR 4.4 Name-code designators for significant points;
- ENR 5.1 Prohibited, restricted and danger areas;
- ENR 5.2 Military exercise and training areas and air defence identification zone (ADIZ);
- ENR 5.5 Aerial sporting and recreational activities;
- AD 2.17 Air traffic services airspace;

- AD 2.19 Radio navigation and landing aids;
- AD 3.16 Air traffic services airspace.

The information elements prefixed with "#OBS-DS#" are also omitted in eAIP and the reference is provided to available obstacle data set.

The textual information, published in ENR 5.2 and ENR 5.5 of the current AIP, is presented in ENR 1.1 General Rules of the new AIP edition.

### **3. Planned transition period**

Initial release of AIP Latvia has an effective date of 25 MAR 2021 and includes the second AIP amendment of this year.

Actual transition from the current eAIP to the new edition will depend on the progress of the realization of the Agreement between Latvijas Gaisa Satiksme and Eurocontrol on the transition to AIXM 5.1 Static and Dynamic data (SDD) taking into account that:

- transition to operational European AIS Database (EAD) SDD requires to terminate EAD Static Data Operations (SDO);
- it is possible when the Pan-European distribution mechanism of the new Latvian AIP edition will be agreed with EAD and overall change to functional system will be approved by State competent authority for operational use according to Commission Implementing Regulation (EU) 2017/373 of 1 March 2017 laying down common requirements for providers of air traffic management/air navigation services and other air traffic management network functions and their oversight, repealing Regulation (EC) No 482/2008, Implementing Regulations (EU) No 1034/2011, (EU) No 1035/2011 and (EU) 2016/1377 and amending Regulation (EU) No 677/2011 requirements.

Both processes have to be synchronized and the new AIP edition is planned for implementation in the second half of 2021.

Current AIP (EAD SDO based) and new AIP (LGS IAIM DB based) editions will be provided simultaneously during the whole transition period and actuality and consistency of aeronautical information will be assured.

### **4. Potential end users feedback required**

All the interested end users are kindly asked to provide feedback to support the new AIP edition implementation using <https://ais.lgs.lv/feedback>

### **5. Means of distribution**

The new AIP edition is available on AIS of Latvia website in the section "eAIP new edition/AIP Data set" or [https://ais.lgs.lv/page/eaip\\_aixm51](https://ais.lgs.lv/page/eaip_aixm51)

All types of Data sets are available in the "Data distribution" section of the AIS of Latvia website <https://ais.lgs.lv>. To obtain the access to the data sets, it is necessary to be a registered user of the AIS website and send a request to [ais@lgs.lv](mailto:ais@lgs.lv) (providing the AIS website username).