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AIC for Estonia

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Kosmoseilma nõuannete edastamine Tallinn FIRis

Transmission of Space Weather Advisory Information in Tallinn FIR

1 Üldine

Ringkirja eesmärk on teavitada lennuliikluse korraldajaid, lennuliiklusteenuse osutajaid, aeronavigatsioonilise info edastajaid ja lennujaamade ning õhusõidukite käitajaid kosmoseilma nõuannete (SWX advisory) väljastamise muudatusest seoses IWXXM-mudeli kasutusele tulekuga alates 5. novembrist 2020.

2 Tallinn FIRis kohalduv

Kosmoseilma nõuannete koostamist, pidevat jälgimist ja edastamist Tallinn FIR-i tarbeks teostab PECASUS Consortium (PECASUS Finland ja tagavarana PECASUS United Kingdom).

Kehtivad SWX nõuanded on kättesaadavad [Riigi Ilmateenistuse kodulehelt](#) ja päringu alusel EANS lennuinfo talistusel telefonidel 625 8282, 625 8293, 605 8905 või e-posti aadressilt fpl.tugi@eans.ee.

GNSS-süsteeme (GNSS) mõjutavate nõuannete pealkirjad bulletäänis:

- TAC formaadis
FNXX01 EFKL (tagavarana FNXX01 EGRR);
- IWXXM mudelis
LNXX01 EFKL (tagavarana LNXX01 EGRR).

HF-raadiosidesüsteeme (HF COM) mõjutavate nõuannete pealkirjad bulletäänis:

- TAC formaadis
FNXX02 EFKL (tagavarana FNXX02 EGRR);
- IWXXM mudelis
LNXX02 EFKL (tagavarana LNXX02 EGRR).

Kiirgusohu (RADIATION) mõjutavate nõuannete pealkirjad bulletäänis:

- TAC formaadis
FNXX03 EFKL (tagavarana FNXX03 EGRR);
- IWXXM mudelis
LNXX03 EFKL (tagavarana LNXX03 EGRR).

Satelliitsidet (SATCOM) mõjutavate nõuannete pealkirjad bulletäänis:

- TAC formaadis
FNXX04 EFKL (tagavarana FNXX04 EGRR);

1 General

The purpose of the circular is to inform ATM/ANS providers, aeronautical information providers and airport and aircraft operators about the changes of the transmission of the space weather advisory information (SWX advisory) in conjunction with the implementation of the IWXXM model as of 05 NOV 2020.

2 Applicable in Tallinn FIR

The compilation, continuous monitoring and transmission of space weather advisory information for Tallinn FIR is done by PECASUS Consortium (PECASUS Finland and PECASUS United Kingdom as backup).

Valid SWX advisories are available from [National Weather Service website](#) and upon request from EANS Integrated Briefing Office by phone +372 625 8282, +372 625 8293, +372 605 8905 or by e-mail fpl.tugi@eans.ee.

GNSS systems (GNSS) advisory information headings in bulletin:

- in TAC format
FNXX01 EFKL (FNXX01 EGRR as backup);
- in IWXXM model
LNXX01 EFKL (LNXX01 EGRR as backup).

HF radio communication systems (HF COM) advisory information headings in bulletin:

- in TAC format
FNXX02 EFKL (FNXX02 EGRR as backup);
- in IWXXM model
LNXX02 EFKL (LNXX02 EGRR as backup).

Radiation (RADIATION) advisory information headings in bulletin:

- in TAC format
FNXX03 EFKL (FNXX03 EGRR as backup);
- in IWXXM model
LNXX03 EFKL (LNXX03 EGRR as backup).

Satellite communication (SATCOM) advisory information headings in bulletin:

- in TAC format
FNXX04 EFKL (FNXX04 EGRR as backup);

- IWXXM mudelis
LNXX04 EFKL (tagavarana LNXX04 EGRR).

3 Viitedokumendid

Edastatavate nõuannete formaat ning sisu tuleneb alljärgnevatest rahvusvahelistest dokumentidest:

- *ICAO State Letter 2020/115 „Provision of space weather information - introduction of message header per space weather impact for the dissemination of space weather advisories and trials on the dissemination of space weather advisories with 'test' status“;*
- *ICAO Annex 3 „Meteorological Service for International Air Navigation“;*
- *ICAO Doc 10100 „Manual on Space Weather Information in Support of International Air Navigation“.*

AIC A 09/2019 on tühistatud.

- in IWXXM model
LNXX04 EFKL(LNXX04 EGRR as backup).

3 Reference Documents

The format and content of the transmitted advisories is derived from the following international documents:

- ICAO State Letter 2020/115 „Provision of space weather information - introduction of message header per space weather impact for the dissemination of space weather advisories and trials on the dissemination of space weather advisories with 'test' status“;
- ICAO Annex 3 „Meteorological Service for International Air Navigation“;
- ICAO Doc 10100 „Manual on Space Weather Information in Support of International Air Navigation“.

AIC A 09/2019 is cancelled.