

AIC A 06/19. Implementation of the 8.33 KHZ voice channel spacing for VHF voice communication below Flight Level (FL) 195 in København FIR following the Commission Implementing Regulation IR 1079/2012.

(Replaces AIC A 04/18. Vojens/Skrydstrup APP frequency updated).

This AIC contains information for the awareness of aircraft operators, airspace users, air navigation service providers and other ground stations regarding the 8.33 KHZ channel spacing capable radio requirements and associated exemptions.

1. Introduction

1. This circular provides notification in respect of the implementation of 8.33 KHZ channel spacing in Denmark.
2. The demand for VHF assignments in the aeronautical mobile radio communication service band 118 to 137 MHz continues to grow due to:
 - a. The creation and modification of ATC sectors;
 - b. The creation and modification of air traffic services such as approach, Tower and ATIS;
 - c. The provision of backup services and avoiding interference;
 - d. The provision of aeronautical operational control (AOC) services;
 - e. Accommodating VHF Digital Link services in the band 136.600 to 137 MHz.
3. In response to the increasing VHF frequency congestion, the Commission Implementing Regulation (EU) No 1079/2012 lays down requirements for voice channel spacing for the Single European Sky in the EUR region.

2. Operators

1. An operator shall not operate an aircraft **above FL 195** unless the aircraft radio equipment has the 8.33 KHZ channel spacing capability.
2. From 1. January 2018 an operator shall not operate an aircraft flying under instrument flight rules (IFR) in the København FIR unless the aircraft radio equipment has the 8.33 KHZ channel spacing capability (see 6. Exemptions item 1.c.).
3. From 1. January 2018 an operator shall not operate an aircraft flying under visual flight rules (VFR) unless the aircraft radio equipment has the 8.33 KHZ channel spacing capability (see 6. Exemptions item 1).

3. Air Navigation Service Providers and other ground stations

1. Air navigation service providers shall implement the notification and initial coordination processes in their flight data processing systems in accordance with Commission Regulation (EC) No 1032/2006 (1) as follows:
 - a. The information about the 8,33 KHZ channel spacing capability of a flight shall be transmitted between ATC units;
 - b. The information about the 8,33 KHZ channel spacing capability of a flight shall be made available at the appropriate working position;
 - c. The controller shall have the means to modify the information about the 8,33 KHZ channel spacing capability of a flight.
2. Unless exempted ref. 6 Exemptions item 2 or by COMMISSION IMPLEMENTING REGULATION (EU) No 1079/2012 Article 2 item 4 Air Navigation Service Providers and other ground stations shall ensure that by 31 December 2018 at the latest, all frequency assignments are converted to 8,33 KHZ channel spacing.

4. Equipment requirements

1. Air navigation service providers, operators and other users or owners of radios shall ensure that all radio equipment put into service includes the 8.33 KHZ channel spacing capability.
2. Air navigation service providers, operators and other users or owners of radios shall ensure that radios include the 8.33 KHZ channel spacing capability whenever they are subject to radio upgrades.

3. Users or owners of ground radios having the 8.33 KHZ channel spacing capability shall ensure that the performance of these radios and the transmitter/receiver ground constituent complies with the ICAO standards specified in point 1 of Annex II to EC 1079/2012.
4. Users or owners of aircraft radio equipment having the 8.33 KHZ channel spacing capability shall ensure that the performance of these radios comply with the ICAO standards specified in point 2 of Annex II to EC 1079/2012.

5. Integrated Initial Flight Plan Processing System (IFPS)

1. For a flight planning to operate in København FIR for which 8.33 channel spacing capability is required, the following apply:
 - a. Letter 'Y' shall be inserted in field 10 of the flight plan, for aircraft equipped with 8.33 KHZ capable radio equipment; or
 - b. For state aircraft not equipped with 8.33 KHZ capable radio equipment but equipped with UHF radio, letters 'U' and 'Z' shall be inserted in item 10a of the flight plan together with 'COM/EXM833' remark in field 18.
2. Special purpose flights with associated flight plans containing STS/HOSP or STS/SAR in the remark field, not equipped with 8.33 channel spacing capabilities will - although they are not exempted from the 8.33 KHZ equipment requirement - not be rejected by the IFPS.

6. Exemptions

1. Until 1. January 2023 exemptions from the requirement to be equipped with 8.33 KHZ channel spacing radio communications equipment for operation within København FIR are:
 - a. Aircraft exclusively operating VFR below FL 195 outside København TMA;
 - b. Aircraft operating VFR inside København TMA within active glider areas (ref. AIP Denmark ENR 5.5).
 - c. State aircraft fitted with UHF and 25 KHZ channel spacing radio communications equipment.
2. Until 1 January 2023 exemptions from the requirement for 8.33 KHZ channel spacing radio communications equipment are granted for the following ground stations (see next page):

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