

**NOTICE
TO
AIR
NAVIGATION
SERVICE
PROVIDERS**

IRELAND

**SAFETY REGULATION DIVISION
IRISH AVIATION AUTHORITY**

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Recent Legislative Change (9) – EU Regulation 1079/2012

Voice channels spacing for the single European sky

1. Purpose

This Notice to Air Navigation Service Providers (NASP) is to advise ANSP's of the entry into force of Commission Regulation (EU) No 1079/2012 dated 17th of November 2012 laying down requirements for voice channels spacing for the single European sky.

2. EU Regulation 1079/2012 Overview

EU Regulation 1079/2012 lays down requirements for the coordinated introduction of air-ground voice communications based on 8.33 kHz below FL 195.

Elements of the regulation which may be of particular significance to air navigation service providers are as follows:

From the 17th of November 2013 all radios placed on the market must have 8.33kHz capability as well as 25kHz capability.

From the 17th of November 2013 all radios put into service or upgraded must have 8.33kHz capability as well as 25kHz capability.

From the 1st of January 2014 all aircraft flying under IFR in Class A, B or C airspace must have 8.33kHz capability as well as 25kHz capability.

From the 1st of January 2015 all Operations Control (OPC) frequency assignments must be 8.33kHz channel spacing assignments.

From the 1st of January 2018 all aircraft radios must have 8.33kHz capability as well as 25kHz capability.

From the 31st of December 2018 at the latest all frequency assignments must be converted to 8.33kHz channel spacing.

Ireland shall by the 31st of December 2014 implement a number of new 8,33 kHz channel spacing conversions equivalent to at least 25 % of the total number of the 25 kHz frequency assignments in the central register and allocated to a specific area control centre ('ACC').

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 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; and
- (c) the controller shall have the means to modify the information about the 8,33 kHz channel spacing capability of a flight.

The 8.33KHz conversion requirements will not apply to frequency assignments:

- a. that will remain in 25 kHz channel spacing on the following frequencies
 - (i) the emergency frequency (121,5 MHz);
 - (ii) the auxiliary frequency for search and rescue operations (123,1 MHz);
 - (iii) the VHF digital link (VDL) frequencies (136,725 MHz, 136,775 MHz, 136,825 MHz, 136,875 MHz, 136,925 MHz and 136,975 MHz); and
 - (iv) the aircraft communications addressing and reporting system (ACARS) frequencies (131,525. MHz, 131,725 MHz and 131,825 MHz)
- b. where offset carrier operation within a 25 kHz channel spacing is utilised.

Regulation 1079/2012 can be accessed via the following link:

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2012:320:0014:0024:EN:PDF>

3. Further Information

Requests for further information should be addressed to: ansdinfo@iaa.ie

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**Chief Executive
Irish Aviation Authority.**

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