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**AERONAUTICAL  
NOTICE**

**IRELAND**

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**AERONAUTICAL INFORMATION SERVICE**

**IRISH AVIATION AUTHORITY  
THE TIMES BUILDING  
11-12 D'OLIER ST  
DUBLIN 2**

Tel +353 1 6718655 Fax +353 1 6774068 AFTN *EIDWYOYX*

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**CHANNEL SPACING ON AIR-GROUND VHF COMMUNICATIONS**

The Irish Aviation Authority, in pursuance of Articles 4, 7, 54 and 55 of the Irish Aviation Authority (Operations) Order, 2006 (S.I. No. 61 of 2006), hereby directs that where not subject to corresponding and applicable provisions under Regulation (EEC) No 3922/91, Commission Implementing Regulation (EU) No 1079/2012 or Regulation (EC) No 216/2008:

- a) An Irish registered aircraft, and an aircraft, wherever registered, when operated by the holder of an Irish Air Operator Certificate and intended to be operated in airspace requiring the use of VHF communication equipment with 8.33 kHz frequency spacing capability, shall be so equipped with the required communications equipment.
- b) An Irish registered aircraft, and an aircraft, wherever registered, operated by the holder of an Irish Air Operator Certificate, intended to operate in areas where existing 25 kHz spaced VHF communication frequencies are used shall be equipped with VHF communication equipment with 25 kHz or 8.33 kHz frequency spacing capability.

The standards for VHF communication equipment are the relevant provisions of ICAO Annex 10 Volume III, EASA CS-ACNS, as amended and applicable EASA ETSO-2C37e, and ETSO-2C38e, or ETSO-2C169a, as amended. Minimum operational performance specifications for 8.33 kHz and 25 kHz spaced airborne VHF communication equipment are contained in EUROCAE document ED-23, as amended.

Operators should note that Commission Implementing Regulation (EU) No 1079/2012 mandates the carriage of 8.33 kHz radios to all flights operating as general air traffic above FL 195, within the airspace of the ICAO EUR region and also mandates the following;

- From the 17<sup>th</sup> of November 2013 all radios placed on the market must have 8.33 kHz spacing capability as well as 25 kHz spacing capability.
- From the 17<sup>th</sup> of November 2013 all radios put into service or upgraded must have 8.33 kHz spacing capability as well as 25 kHz spacing capability.
- From the 1<sup>st</sup> of January 2014 all aircraft flying under Instrument Flight Rules (IFR) in Class A, B or C airspace must have 8.33 kHz spacing capability as well as 25 kHz spacing capability.

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- From the 1<sup>st</sup> of January 2015 all Operations Control (OPC) frequency assignments must be 8.33 kHz channel spacing assignments.
  - From the 1<sup>st</sup> of January 2018 all aircraft radios used must have 8.33 kHz spacing capability as well as 25 kHz spacing capability.
  - From the 31<sup>st</sup> of December 2018 at the latest all frequency assignments must be converted to 8.33 kHz channel spacing.

This Notice replaces Aeronautical Notice O.5 at Issue 7 which should be discarded.

**Chief Executive  
Irish Aviation Authority**