

ENR 1.8 REGIONAL SUPPLEMENTARY PROCEDURES

In Ireland the European Regional Supplementary Procedures are applied in accordance with ICAO SUPPS Doc 7030/4-EUR.

1. 8.33 KHZ - STATE AIRCRAFT EXEMPTIONS

State aircraft, operating above FL195 in the SHANNON FIR/UIR, which are exempted from the mandatory carriage of 8.33 kHz channel spacing radio equipment, are permitted, provided that they are capable of communicating on UHF, where available. Where UHF is not available, State aircraft exempted from the carriage of 8.33 kHz channel spacing radio equipment, will be handled on a tactical basis through the provision of an alternative VHF channel, the details of which will be given at time of use.

State aircraft, operating below FL195, which are exempted from the mandatory carriage of 8.33 kHz channel spaced communications equipment, will be handled on a tactical basis through the provision of a 25 kHz VHF channel or a UHF channel, where available, the details of which will be given at time of use.

2. 8.33 KHZ - LOCAL MEASURES GRANTING EXEMPTIONS

Article 14.2 of EU Regulation 1079/2012 allows the State to take local measures granting exemptions from compliance with the articles 4(5), 5(4) and 6(10) for cases having limited impact on the Network. The local measures granting exemptions are subject to ongoing review by the EU Commission / Network Manager.

Ireland has notified the EU Commission and the Network Manager that it plans to grant exemptions from the requirements of articles 4.5, 5.4 and 6.10 of EU Regulation 1079/2012 so that:

- a. A number of specified frequency assignments are expected to remain on 25 kHz spacing after the 31-Dec-2018;
and
- b. Operators are not required to upgrade aircraft radios to include the 8.33 kHz channel spacing functionality by the 31-Dec-2017 if the aircraft is operated in Ireland, solely under VFR in which communications are performed using a 25kHz frequency assignment.

3. 8.33 KHZ - EXEMPTED FREQUENCY ASSIGNMENTS

The frequency assignments described in [ENR 1.8.7](#) are expected to remain on 25 kHz channel spacing until 31-Dec-2025 at the latest.

Note: These exemptions are subject to ongoing review by the EU Commission / Network Manager

4. 8.33 KHZ - AIRCRAFT OPERATION / EQUIPAGE EXEMPTIONS

- a. **Airspace Class G:** Aircraft operated under VFR in Airspace class G will not be required to be equipped with an 8.33 kHz channel spacing radio until 31-Dec-2024 at the latest if communications are performed on 25 kHz spaced frequency assignments;
- b. **Airspace Class C:** Aircraft operated under VFR in the following Control Zones will not be required to have an 8.33 kHz channel spacing radio until 31-Dec-2024 at the latest if communications are performed on 25 kHz spaced frequency assignments;
 - Donegal CTR;
 - Sligo CTR;
 - Ireland West CTR;
 - Shannon CTR/CTA;
 - Kerry CTR;
 - Cork CTR;
 - Waterford CTR;
 - Weston CTR;

Note: These exemptions are subject to ongoing review by the EU Commission / Network Manager.

5. VHF RADIO CHANNEL SPACING FUNCTIONALITY

For information, 8.33 kHz frequency/channel tables are included in [ENR 1.8.8](#)

Note: Guidance material on the channel spacing functionality of VHF radios is available on the EUROCONTROL website via the following link <http://www.eurocontrol.int/833>

6. 8.33 KHZ - FURTHER INFORMATION

Queries or requests for further guidance regarding the transition to 8.33 kHz should be addressed to:

Post: Safety Regulation Division
Irish Aviation Authority
The Times Building
11-12 D'Olier Street
Dublin 2
D02 T449.

Email: 8.33@iaa.ie

7. FREQUENCY ASSIGNMENTS TO BE RETAINED ON 25 KHZ

Airport		Exempted Assignments	Airport		Exempted Assignments
Shannon ACC	ACC	127.500 MHz	Weston Airport	TWR	122.400 MHz
	ACC	124.700 MHz		GND	119.425 MHz
	ACC	119.075 MHz		ATIS	118.875 MHz
	ACC	131.150 MHz	Abbeyfeale/Duagh	118.100 MHz	
	ACC	132.150 MHz	Abbeysrule/Longford	122.600 MHz	
	ACC	135.600 MHz	Athboy	118.550 MHz	
	AS	121.700 MHz	Bantry	122.400 MHz	
Dublin ACC	FIS	118.500 MHz	Belmullet	123.600 MHz	
	ACC	124.650 MHz	Birr	122.950 MHz	
	ACC	129.475 MHz	Carnmore	122.500MHz	
	ACC	126.250 MHz	Clonbullogue	128.550 MHz	
Cork Airport	APP	119.900 MHz	Connemara	123.000 MHz	
		118.800 MHz	Coonagh	129.900 MHz	
	TWR	119.300 MHz	Furlong Field	118.150 MHz	
		121.700 MHz	Inisheer	123.000 MHz	
	GND	121.850 MHz	Inishmaan	123.000 MHz	
	ATIS	120.925 MHz	Inishmore	123.000 MHz	
	Airfield Emergency Service	121.600 MHz	Kildare/Kilrush	123.425 MHz	
Dublin Airport	APP	121.100 MHz	Kilkenny	122.900 MHz	
	TWR	118.600 MHz	Milltownpass	118.325 MHz	
		128.800 MHz	Moynes	123.750 MHz	
	GND	121.800 MHz	National Aerodromes-GLD	130.400 MHz	
	FIS	118.500 MHz	National Aerodromes-Special Events	119.600 MHz	
	AS	121.700 MHz	National Aerodromes-Special Events	122.550 MHz	
	Airfield Emergency Service	121.600 MHz	National Aerodromes	122.475 MHz	
Shannon Airport	APP	121.400 MHz	Navan	118.125 MHz	
		120.200 MHz	Newcastle	122.550 MHz	
	TWR	118.700 MHz	Spanish Point	123.300 MHz	
	GND	121.800 MHz	Tibohine	120.000 MHz	
	A/G	123.650 MHz	Trim	123.300 MHz	
	Airfield Emergency Service	121.600 MHz	Wexford	123.750 MHz	

Airport		Exempted Assignments
Casement	APP	122.000 MHz
	TWR	123.500 MHz
	MAR/PATROL	125.025 MHz
Donegal Airport	TWR	129.800 MHz
	ATIS	129.925 MHz
Ireland West Airport	TWR	130.700 MHz
	GND	121.900 MHz
	ATIS	118.525 MHz
Kerry Airport	TWR	123.325 MHz
	GND	121.600 MHz
	ATIS	118.025 MHz
Sligo Airport	TWR	122.100 MHz
Waterford Airport	TWR	129.850 MHz
	GND	121.600 MHz
	ATIS	121.150 MHz

Airport	Exempted Assignments

8. 8.33 KHZ - FREQUENCY / CHANNEL TABLES

At present, in 25 kHz channel spacing VHF COM, the frequency in use is identified by the numbers which correspond to the centre of frequency used for transmission (e.g. "Contact Brussels Approach 120.1" → 120.100MHz). In 8.33 kHz channel spacing VHF operations, the selectable frequencies are associated with the channel identifications which do not correspond exactly with frequency used (e.g. "Contact Amsterdam Approach 118.080" → 118.0750MHz). The table below provides a sample of mapping between the selected channel and its corresponding frequency

Old 25kHz radio	New 8.33kHz radio						
	Dial selection			Real TX/RX frequency			
	Frequency	Dial	25kHz Frequency	8.33kHz Channel	Frequency (MHz)	Spacing (kHz)	
118.000	118.000	118.000			118.0000	25	
		118.005		118.005	118.0000	8.33	
		118.010		118.010	118.0083	8.33	
		118.015		118.015	118.0167	8.33	
118.025	118.025	118.025			118.0250	25	
		118.030		118.030	118.0250	8.33	
		118.035		118.035	118.0333	8.33	
		118.040		118.040	118.0417	8.33	
118.050	118.050	118.050			118.0500	25	
		118.055		118.055	118.0500	8.33	
		118.060		118.060	118.0583	8.33	
		118.065		118.065	118.0667	8.33	
118.075	118.075	118.075			118.0750	25	
		118.080		118.080	118.0750	8.33	
		118.085		118.085	118.0833	8.33	
		118.090		118.090	118.0917	8.33	
118.100	118.100	118.100			118.1000	25	
						
	132.000	132.000	132.000			132.0000	25
			132.005		132.005	132.0000	8.33
		132.010		132.010	132.0083	8.33	
		132.015		132.015	132.0167	8.33	
132.025	132.025	132.025			132.0250	25	
		132.030		132.030	132.0250	8.33	
		132.035		132.035	132.0333	8.33	
		132.040		132.040	132.0417	8.33	
132.050	132.050	132.050			132.0500	25	
		132.055		132.055	132.0500	8.33	
		132.060		132.060	132.0583	8.33	
	etc.						

THIS PAGE INTENTIONALLY LEFT BLANK