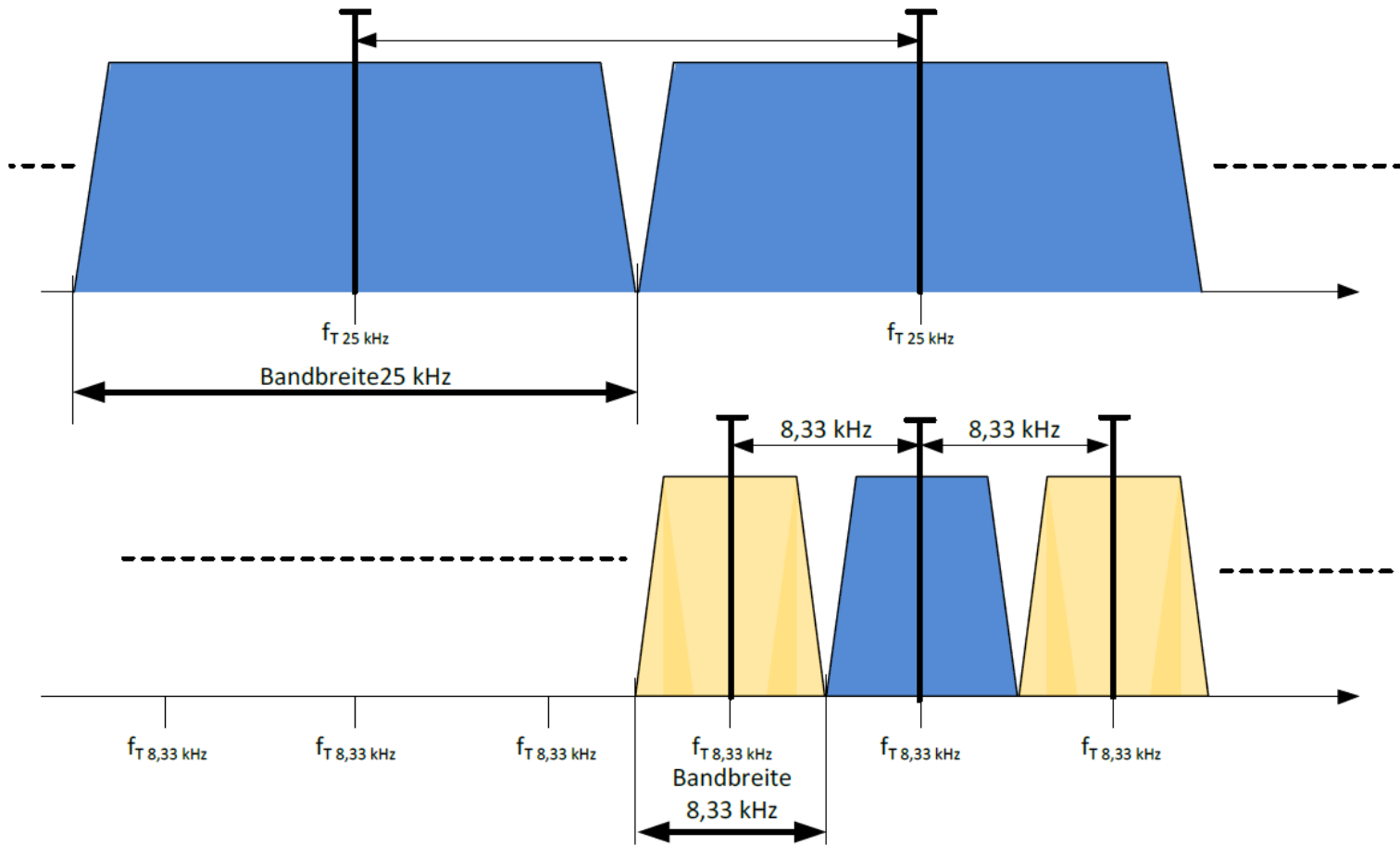


# 8.33 kHz



Old 25 kHz Radio WIZIWIG	New 8.33 kHz Radio				
	What you select on the dial			What the radio gives you	
	The number you see	25kHz Frequency	8.33 kHz Channel	Frequency	Functionality
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	132.0166	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	132.0416	8.33
132.050	132.050	132.050		132.0500	25

If ATC sends you to 132.000, as I mentioned earlier it will be because that is a 25kHz frequency and your radio will function just like the old radio. However, if they send you to 132.005 it will be because it is an 8.33 channel and when you select that your radio will stay on frequency 132.000 but operate in 8.33 mode. If you select 132.010 the radio will change to frequency 132.083, again in 8.33 mode. So Bond, the first lesson is that the number you dial up on your new radio is not necessarily the same as the frequency it uses!



Are you still paying attention there, Bond? I need to tell you what can go wrong and I will be asking questions at the end. You have no need to concern yourself with whether a frequency is 25 or 8.33kHz because when you go to a published or allocated frequency your new radio will sort it out for you. If you accidentally select 132.005 when you should have selected 132.0 you will be on the right frequency but with a narrower bandwidth, but the chances are that you will be able to communicate. But if you select 132.0 when you should be on 132.005 your radio will be in 25kHz mode and you are likely to cause interference on several 8.33 channels and you may hear transmissions from adjacent frequencies. So Bond, you will need to take care with this gadget.

- Beslut om att införa 8.33 togs 1994
- 1999 obligatoriskt >FL245
- 2007 obligatoriskt >FL195
- 2012 beslut om att införa i resten av luftrummet (förordning 1079/2012)
- 1 jan 2018 obligatoriskt
- Vi väntar på ett svenskt AIC

- 8.33 kHz införs enbart i Europa, övriga världen behåller 25 kHz
- Kostnad i Europa för flygsport 167 miljoner €
- Segelflyget positivt till 8.33
- Försöker få vissa frekvenser bevarade som 25 kHz under en begränsad tid efter 2018 (?)