

# Changes to the indication of VHF channels in Radiotelephony

## For ATC and Flight Crews

**Amendment 80 to ICAO Annex 10, Volume II - Aeronautical Telecommunications - takes effect on 24 November 2005.**

It introduces a procedure for VHF communication channels to be indicated in 6 and 4 digits irrespective of whether 25 or 8.33 kHz channel spacing is used.

VHF channels will be indicated by:

- ▶ four (4) digits, for channels ending in two zeros - i.e. fifth (5<sup>th</sup>) and sixth (6<sup>th</sup>) digits both zero, and
- ▶ six (6) digits, for all other channels

*The use of the term "CHANNEL" in radiotelephony, previously associated with 8.33 kHz channels, is discontinued.*

## For Flight Crews using 6 digit radios

When receiving a 4-digit VHF channel, select zeros as 5<sup>th</sup> and 6<sup>th</sup> digit.  
When receiving a 6-digit VHF channel, select all 6 digits as transmitted.

### Examples

VHF channel: 118.100	spoken as:	<b>"ONE ONE EIGHT DECIMAL ONE"</b>
VHF channel: 128.050	spoken as:	<b>"ONE TWO EIGHT DECIMAL ZERO FIVE ZERO"</b>
VHF channel: 128.075	spoken as:	<b>"ONE TWO EIGHT DECIMAL ZERO SEVEN FIVE"</b>



## For Flight Crews using 5 digit radios

Situations will arise, outside the area of 8.33 kHz mandatory carriage, where an aircraft is equipped with a radio displaying 5 digits only, and the flight crew receives a communication transfer for a 25 kHz channel specified in 6 digits.

*In such cases, caution must be exercised by the flight crew to select the first five digits only.*

When receiving a 4-digit VHF channel, select zero as the 5<sup>th</sup> digit.  
When receiving a 6-digit VHF channel, select the first 5 digits as transmitted.

### Examples

VHF channel: 118.100	spoken as:	<b>"ONE ONE EIGHT DECIMAL ONE"</b>
VHF channel: 128.050	spoken as:	<b>"ONE TWO EIGHT DECIMAL ZERO FIVE ZERO"</b>
VHF channel: 128.075	spoken as:	<b>"ONE TWO EIGHT DECIMAL ZERO SEVEN FIVE"</b>



## READBACK

**It is essential that flight crew READBACK the channel number in full, and that controllers verify that the pilot has correctly understood.**

Additional ATS and Flight Crew training is available on:  
<http://elearning.eurocontrol.int/opencourses.htm>  
*(Select Transfer of Communications and press F11 for viewing in full screen)*