# International Amateur Radio Union Region 1

Europe, Middle East, Africa and Northern Asia Founded 1950

## General Conference, Davos, 11 to 16 September 2005

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| **SUBJECT** | **76 GHz Bandplanning** | | |
| **Society** | **V/UHF Microwave Committee Chairman** | **Country:** | **Region 1** |
| **Committee:** | **C5** | **Paper number:** | **25** |
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**Introduction**

Through my reports in the Vienna meeting and in the VHF Newsletters you have been informed about the development in CEPT and the EU of the allocation to anti-collision radar in the 77-81 GHz band.
As it can be shown that such radar systems can create interference to weak-signal experiments in the 77 GHz amateur band, IARU R1 has proposed to CEPT/FM to delete the time limit toamateur activities in the 75,5-76 GHz segment.
CEPT has agreed to this proposal and amended the E(uropean) C(ommon) A(llocations) table with note EU35, effectively deleting the time limit for the CEPT area.
National administrations still will have to amend their national planning with this footnote.

**Adapting the 76 GHz bandplan**

According to the principle adopted in San Marino the current bandplan recommends the exclusive segment 77,5-78 GHz for initial use. Although that allocation will not change in the near future, the expected interference by the car radar systems will make this “exclusive”allocation less exclusive than we could wish.
*It, therefore, will be sensible to move the currently recommended plan for 77,5 – 78 GHz to the 75,5-76 GHz segment*.
In fact this this was the segment we should have been using before WRC2000.