

The International Amateur Radio Union

Founded 1925. Representing the radiocommunication services as defined by the Radio Regulations of the International Telecommunication Union: The Amateur Service and the Amateur Satellite Service. Member of the International Special Committee on Radio Interference CISPR.

VHF UHF MW NEWSLETTER

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Region I

Europe, Africa and part of Asia.
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Editor: Arie Dogterom, PA0ez
Eikenlaan 11
1213 SG HILVERSUM
E-mail: pa0ez@amsat.org

This newsletter is intended to inform you about the results of WRC 2000 for the bands above 71 Ghz. The new ITU table soon will be implemented in all countries (I hope/expect).

WRC 2000 has changed a lot above 71 GHz

The microwave allocations above 71 GHz have been “refarmed”. The amateur allocations have changed quite a lot. In practice we have gained some spectrum, although the RADIO ASTRONOMY service has got access to our bands as well. I have updated section IIb of the VHF Managers Handbook in such a way that the old and the new situation are clearly indicated. This revised section has been attached to this newsletter and is, of course, available at the internet site where the Handbook can be found (<http://people.a2000.nl/adogtero/start.htm>).

It is not clear at which date those new allocations will be part of the amateur allocations in the different countries (in my country the changes are now implemented). Please inform our allocations coordinator, DK2NH, about the situation in your country.

At the 2002 IARU Region 1 conference we will formally amend our bandplanning.

In short the following happened to our allocations.

A. The 76 GHz band.

We had between 75.5 and 76 GHz **500 MHz** Primary/Exclusive and between 76 and 81 MHz **5 GHz** secondary.

We now have *till the year 2006* **500 MHz** secondary (footnote S5.EEE), and permanently **1500 MHz** secondary between 76 and 77.5 GHz as well as **3 GHz**

secondary between 78 and 81 GHz. The **500 MHz** Primary/Exclusive segment has shifted to 77.5 - 78 GHz.

Till 2006 we have kept what we had, albeit slightly shifted in frequency. From 2006 we lose **500 MHz**.

Please advise all amateurs that for new experiments the 77.5 -78 GHz segment shall be chosen instead of 75.5 - 76 GHz.

B. The 120 GHz band.

This amateur allocation has slowly crept into the ITU table from a footnote status to a **40 MHz** wide secondary allocation between 119.98 and 120.02 GHz. Now we have got **750 MHz** with secondary status between 122.2 - 123 GHz. This might be seen as a compensation for the loss after 2006 in the 76 GHz band.

This band has not yet been allocated in all Region 1 countries. **Please bring this allocation to the attention of your administration.**

C. The 145 GHz band.

Quite a lot has changed here. The complete amateur allocation has shifted down in frequency 8 GHz and in the new Primary allocation between 134 and 136 GHz the radioastronomers got a secondary share. Except for that cuckoo-egg we have kept what we had.

But the microwave experimenters will have to rethink their multipliers.

The new segment for DX is now 134-136 GHz.

It is a pity that the 120 and the 135 GHz bands are so near to each other. But the propagation characteristics might be very different. (Ask your meteor expert).

D. The 250 GHz band.

Except for another cuckoo-egg nothing has changed here.

Information on the internet

Benjamin, OH3BK, has kindly informed me that there is a problem when you use an internet search-machine to find the Region 1 VHF Managers Handbook. In most cases you are directed to the RSGB web-site where a rather old version (in fact the first being accessible via the internet due to the efforts of G3UBX) is kept.

But the regularly updated version is to be found at the URL
<http://people.a2000.nl/adogtero/hb.htm>,

where I try to keep it up to date. Please let it know to those interested in your society.

