



# International Amateur Radio Union Region 1

Europe, Middle East, Africa and Northern Asia

Founded 1950



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

<b>SUBJECT</b>	<b>Abandonment of Packet Radio on HF (AX25 standard with 300 Baud, 200 Hz shift)</b>		
<b>Society</b>	<b>DARC</b>	<b>Country:</b>	<b>Germany</b>
<b>Committee:</b>	<b>C4</b>	<b>Paper number:</b>	<b>14</b>
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### Introduction

This paper recommends to discontinue the operation of packet radio mailboxes and gateways on HF and explains why.

### Background

Although packet radio mode made it possible in the eighties to run new things like mailboxes, gateways etc., packet radio never was an adequate mode for the existing conditions on HF bands. Problems with packet radio mode were learned by practice and proofed by closer theoretical studies.

Later other modes have been developed (first AMTOR, then PACTOR, PSK31, MT63, just to mention some) which could handle e.g. messages exchange with better immunity against propagation problems, co-channel QRM etc. all of them show a better data throughput.

### Keypoints

Replacing packet radio by better modes would result in more reliable links between stations involved, improving the use of the designated spectrum.

### Resolution

The IARU region 1 band plan should not specify any special segments for packet radio anymore.

IARU member societies should encourage their members to abandon packet radio (AX25 standard with 300 Baud, 200 Hz shift) operation on HF.