



# International Amateur Radio Union Region 1

Europe, Middle East, Africa and Northern Asia

Founded 1950

## Committee C4 (HF Matters) Interim Meeting 19-21 February 2010 InterCity Hotel, Vienna

<b>SUBJECT</b>	<b>500 kHz (600 meters) - bandplan proposal</b>		
<b>Society</b>	<b>NRRL</b>	<b>Country:</b>	<b>Norway</b>
<b>Committee:</b>	<b>C4</b>	<b>Paper number:</b>	<b>VIE10/C4/14</b>
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### 500 kHz (600 meters) - bandplan proposal

#### Summary

A brief background for the 500 kHz (600 meters) band is given. Norwegian radio amateurs have as of 6 November 2009 been granted secondary status for general amateur radio activity in the band segment 493 - 510 kHz. A preliminary Norwegian bandplan has been made, with 500 kHz +/- 1 kHz as a calling frequency, considering the historical usage of this frequency for calling and rescue. The national bandplan introduces an activity center at 503 kHz; working frequencies between 493 - 499 kHz and between 501 - 505 kHz; and provisions for radio beacons between 506 - 510 kHz. IARU Region 1 is invited to adopt the preliminary Norwegian bandplan as a preliminary recommendation for other countries obtaining permissions for non-channel amateur radio in the 500 kHz (600 meters) band.

#### Background

Some countries have allowed experimental or amateur radio activity on or near 500 kHz. On 6 November 2009 Norwegian authorities granted permission for Norwegian radio amateurs to use the band 493 - 510 kHz on mode A1A morse telegraphy with maximum 100 watts transmitter output power.

Through almost 100 years, tens of thousands of lives have been rescued from the sea, and large values have been saved, from the duty and traffic by telegraphers on the calling and rescue frequency 500 kHz.

## Usage and bandplan

NRRL proposes that:

- 500 kHz +/- 1 kHz shall ONLY be used as a calling frequency.
- All other communications between stations in this band shall be at working frequencies between 493 - 499 kHz and between 501 - 505 kHz. Cross band contacts are allowed.
- Activity center 503 kHz.
- Radio beacons may be localized between 506 - 510 kHz.

19 November 2009

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