

Name of research institute or organization:

Relaisgemeinschaft HB9F Bern

Title of project:

Operation of a 70 cm amateur beacon transmitter, operation of a 23 cm voice repeater station, study of high frequency propagation conditions.

Project leader and team

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Project description:

The "Relaisgemeinschaft HB9F Bern" has been operating two amateur radio stations at the Sphinx observatory, one of them for nearly 25 years.

The 23cm repeater is operating at Tx 1258.900 MHz and Rx 1293.900 MHz since 1992. Our 70cm beacon at 432.432 MHz has been working since 1980.

Since the 70cm frequency band plan of the International Amateur Radio Union (IARU) underwent several changes as of January 1, 2004, the beacon frequency was changed accordingly in September 2003 (formerly 432.984 MHz). The beacon is operating at the new frequency for more than one year without any interruptions.

Due to the high reliability of the used components the 70cm beacon as well as the 23cm repeater did not need any maintenance during the year 2004.

For detailed information on the technical equipment and the activities of the group we refer to our homepage <http://www.relais-hb9f.ch>.

Reports on radio reception are always welcome by e-mail hb9mhs@relais-hb9f.ch.

For the hospitality for over twenty years the "Relaisgemeinschaft HB9F Bern" expresses its thanks to the International Foundation HFSJG.

Key words:

Amateur radio beacon, repeater

Internet data bases:

URL: <http://www.relais-hb9f.ch>, WAP: <http://wap.relais-hb9f.ch>

Collaborating partners/networks:

USKA – Union of Swiss Short Wave Amateurs, Section Bern

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