



International Amateur Radio Union Region 1 2011 Regional Conference – Sun City, South Africa 12 to 19 August 2011



Subject	Addition of the CTCSS frequency 67 Hz in table FM.2.1		
Society	DARC	Country:	Germany
Committee:	C5	Paper number:	SC11_C5_38
Author:	Jochen Berns, DL1YBL		

Introduction

CTCSS signals are Sub Audio Tones which have been used for a long time to control analogue repeaters. Table FM 2.1 in the VHF Manager handbook 5.42 describes the agreed sub tones for repeater control in Region 1. The number of sub tones available for such control could be increased by one without any constraint.

Background

Today many new transceivers and repeaters can handle the low CTCSS frequencies without problems. These low frequencies are not audible and do not interfere with voice communication. The sub tone 67 Hz is supported by many amateur radio equipment manufacturers, but not yet implemented for repeater control in IARU Region 1.

Key point and proposal

The sub tone 67 Hz is now available in all modern equipment for FM operation; therefore, it is proposed to add this sub tone to increase the number of options.

Recommendation

Extend the number of accepted sub tones for repeater control by introducing the frequency 67 Hz with reference letter A into the table FM 2.1.