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SUBJECT	Reducing interference by CTCSS control of 10-m-FM-repeaters		
Society	DARC	Country:	Germany
Committee:	C4	Paper number:	22
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Recommendation regarding 10-m-FM-repeaters

Introduction

This paper recommends CTCSS sub-tones for 10 m repeaters

Background

Due to only four repeater channels in the IARU R1 bandplan several repeaters are working in Central Europe on a co-channel basis.

Keypoints

Depending on propagation a lot of interference is often experienced, which could be reduced, if always sub-tones are involved. Although the next solar maximum is still some years ahead, it would be wise to have all repeaters modified in the meantime to get a better situation then.

Resolution

Member societies should encourage the operators of 10-m-FM-repeaters in their country to add the requirement for users to transmit a so called sub-tone (CTCSS) on the input frequency and for operators to transmit such a sub-tone also on the output frequency.

This requirement should be announced by the repeater itself, so users may then switch to the appropriate sub-tone.