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Subject	Modification of 30 m band plan – wider digimodes segment		
Society	REF	Country:	France
Committee:	C4	Paper number:	
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Résumé en français

Titre de la contribution

Elargir la sous-bande digitale dans la bande 10 MHz

Description

A chaque expédition utilisant le RTTY, la sous-bande de 10 kHz s'avère trop étroite et génère des conflits permanents avec les utilisateurs en PSK ou en d'autres modes numériques. D'où la proposition de l'élargir à 25 kHz et de déplacer la limite à 10,125 MHz, ou au minimum à 10,135 MHz.

Title

Modification of 30 m band plan – wider digimodes segment

Introduction

Due to the narrow band (50 kHz) and the secondary status, the amateur organisations have recommended restrictions on the amateur use of the band: narrowband modes (no phone) and no contests.

The band is divided in two parts (CW and digital) and not three (CW, digital and SSB):

- 40 kHz for CW
- 10 kHz for narrowband modes and digimodes

Background

People generally practice CW in the segment between 10,100 and 10,120 MHz and there is very few traffic between 10,120 and 10,140 MHz.

Digital modes are more and more popular and need more band width, it is our future. Now, during expeditions, RTTY traffic is very popular, and in split mode people needs more band than 10 kHz. Actually they use completely the segment between 10,140 and 10,150 MHz, PSK & digi users are not happy to be fully overlapped. Conflicts appear.

Key point and proposal

The solution is an expansion of digital part of the band and the equivalent diminution of CW part.

To be efficient, the change has to be significant, and digital segment could be enlarged to 15 to 25 kHz.

Recommendation

Band plan for 30 m band to be modified with the limit between CW and digital modes set at 10,125 MHz (at least 10,135 MHz).

References

Present band plan

		SOURCE	IARU - REGION-1 HF – BANDPLAN	
Band	Frequency	max. Bandwidth		
	MHz	Hz	USAGE	Remarks
30m				
	10,100 – 10,140	200	Telegraphy (cw)	10106 kHz: QRP-Frequency, on 30m:no AX25-PR,
	10,140 – 10,150	500	All narrow band modes	contest-free, no unattended op., no bulletins,

Future band plan

		SOURCE	IARU - REGION-1 HF – BANDPLAN	
Band	Frequency	max. Bandwidth		
	MHz	Hz	USAGE	Remarks
30m				
	10,100 – 10,125	200	Telegraphy (cw)	10106 kHz: QRP-Frequency, on 30m:no AX25-PR,
	10,125 – 10,150	500	All narrow band modes	contest-free, no unattended op., no bulletins,