



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



Subject	Modification of 40 m band plan – CW contest preferred segment		
Society	DARC	Country:	Germany
Committee:	C4	Paper number:	SC11_C4_17
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Introduction

IARU Region 1 conference Cavtat 2008 introduced SSB and CW contest preferred segments on 40 m. Contest organizer realized a problem when they want to follow the recommendation CT08_C4_Rec_15 and CT08_C4_Rec_16, which encourage specifying the CW contest segment in accordance with the band plan.

Background

The IARU Region 1 40 m band plan (effective 29 March 2009) recommends these contest as preferred segments:

7 000 - 7 025 kHz for CW

7 060 – 7 100 kHz and 7 130 – 7 200 kHz for SSB.

The rationale for having 7 200 kHz as the upper limit of a SSB contest preferred segment in the new part of the band is to allow US stations to operate with stations in Region 1, since 40 m phone usage is limited by the FCC licence regulation. General class is allowed from 7 175 kHz upwards, Advanced and Extra class are allowed from 7 125 kHz upwards.

Similar limitations exist in the US for CW operation: Novice, Technician, General and Advanced classes may operate in CW above 7 025 kHz, only Extra class operators may work in CW from 7 000 kHz upwards.

Since most contests encourage contacts with stations outside of IARU Region 1, many US operators are excluded, if the 40 m CW contest range is limited in the contest rules according to the band plan.

A shift of the CW contest preferred segment ending at the upper edge of the CW segment at 7 040 kHz would allow contest organizers to specify a 40 m CW contest segment in accordance with Recommendation CT08_C4_Rec_15 and CT08_C4_Rec_16 and IARU Region 1 band plan and does not exclude any US licensees from the contest.

Key point and Proposal

The actual 40 m band plan excludes all contests participants in the US, except Extra Class operators, if the CW contest range is limited to the present contest preferred segment. Therefore, it is proposed to shift the CW contest preferred segment.

Recommendation

That the CW contest preferred segment in the IARU Region 1 band plan is shifted from 7 000 – 7 025 kHz to 7 010 – 7 040 kHz.

References

IARU Region 1 HF Bandplan

Effective 29 march 2009

7 MHz	FREQUENCY SEGMENT (kHz)	MAX BANDWIDTH (Hz)	Preferred Mode and Usage	
	7000 - 7025	200	CW	CW contest preferred
	7025 - 7040	200	CW	7030 kHz - CW QRP Centre of Activity
	7040 - 7047	500	All narrow band modes	Digimodes
	7047 - 7050	500	All narrow band modes	Digimodes, automatically controlled data stations (unattended)
	7050 - 7053	2700	All modes	Digimodes, automatically controlled data stations (unattended)
	7053 - 7060	2700	All modes	Digimodes
	7060 - 7100	2700	All modes	SSB contest preferred
	7100 - 7130	2700	All modes	7110 kHz - Region 1 Emergency Centre
	7130 - 7200	2700	All modes	SSB contest preferred 7165 kHz - Image Centre of Activity
	7175 - 7200	2700	All modes	Priority for Intercontinental Activity

DARC Proposal

7 MHz	FREQUENCY SEGMENT (kHz)	MAX BANDWIDTH (Hz)	Preferred Mode and Usage	
	7000 - 7010	200	CW	
	7010 - 7040	200	CW	CW contest preferred 7030 kHz - CW QRP Centre of Activity
	7040 - 7047	500	All narrow band modes	Digimodes
	7047 - 7050	500	All narrow band modes	Digimodes, automatically controlled data stations (unattended)
	7050 - 7053	2700	All modes	Digimodes, automatically controlled data stations (unattended)
	7053 - 7060	2700	All modes	Digimodes
	7060 - 7100	2700	All modes	SSB contest preferred
	7100 - 7130	2700	All modes	7110 kHz - Region 1 Emergency Centre
	7130 - 7200	2700	All modes	SSB contest preferred 7165 kHz - Image Centre of Activity
	7175 - 7200	2700	All modes	Priority for Intercontinental Activity

40 Meters

US Novice and Technician Classes:

7,025-7,125 MHz: CW only

US General Class:

7,025-7,125 MHz: CW, RTTY/Data

7,175-7,300 MHz: CW, Phone, Image

US Advanced Class:

7,025-7,125 MHz: CW, RTTY/Data

7,125-7,300 MHz: CW, Phone, Image

US Amateur Extra Class:

7,000-7,125 MHz: CW, RTTY/Data

7,125-7,300 MHz: CW, Phone, Image