



SUBJECT	Beacon Coordination		
Society	RSGB	Country:	UK
Committee:	C5	Paper number:	CT08_C5_36
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Introduction

The IARU-R1 VHF Handbook (Version v5.21) has inconsistent/obsolete 50W thresholds for Beacon frequency coordination in several sections, which undermine the newer 10W ERP threshold policy in Chapter-10. Modifications to the handbook are proposed so it is clear that Beacons should be coordinated as intended by Chapter 10 and to update some other old references.

Background

In the Minutes of the 2007 IARU-R1 Interim Meeting at Vienna (VHF Newsletter-45) it says:

It was noted that [RSGB paper] B17 [on Beacons] did not address thresholds for Power coordination, which is currently inconsistent in various chapters of the Handbook.

Action point for RSGB:

RSGB to make a future proposal for coordination of beacon power thresholds

Vote: Approved unanimously

The VHF Handbook has had a number of changes to it to improve the Beacon chapter including Davos 2005 and Vienna 2007. This has left references elsewhere in the handbook to inconsistent coordination thresholds and old chapter numbers (such as Beacons in Section IX)

Key points and proposal

The principle of this proposal is that Beacon procedures/specifications should only be in Chapter 10 and that other old fragments of beacon policy elsewhere be removed. The effect of this will make 10W ERP threshold clear and consistent.

Recommendations

The following proposals are made, based on pages and footnotes in v5.21 of the Handbook:

1. Beacon Procedures and Specifications should only occur in One Chapter of the Handbook
2. Delete the following references/footnotes that refer to 50W thresholds for coordination:-
 - 144MHz Bandplan: Page-63, Footnote 1.2b
 - 430MHz Bandplan: Page-68, Footnote 1.2b
 - 23cm Bandplan: Pages-71 & 72, Footnote [1.1]b

3. Remove reference to RSGB (last sentence of Warsaw 1975 recommendation) and Footnote 3 (the reference to Section-IX) on p124
4. In Section-10.4 on page 169, remove references to old RSGB organisations:
 - delete the words 'of the RSGB VHF Committee' and 'Data Communications Committee'
5. Delete the unnecessary and excessively restrictive clauses (not present in other bands)
 - 144MHz Bandplan: Page-62, Note 1.1(iv)
 - 430MHz Bandplan: Page-68, Note 1.1(ii)