

## Re: Receive NDB beacons ?

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**From:** Tam/WB2TT (*t-tammaru\_at\_c0mca\$t.net*)

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Date: Mon, 26 Jul 2004 16:38:40 -0400

"Tim Wescott" <tim@wescottnospadding.com> wrote in message  
news:10gaofq3iuq6q25@corp.supernews.com...

> *John Woodgate wrote:*

.....

> > *Some AM radios for the Swiss market go up to 285 kHz on the LF band.*  
> > *Some beacons can be heard. You can modify an MF radio to receive 250 to*  
> > *420+ kHz, but you can't get too close to the IF, which may be 450, 455,*  
> > *459, 468 (+ n x 9 kHz) .... kHz.*

>

> *I never knew about the 450 + n x 9 business -- do you know why that is so?*

>

> --

>

> *Tim Wescott*

> *Wescott Design Services*

> <http://www.wescottdesign.com>

Tim,

Let me take a wild guess that makes sense. You want the local oscillator frequency to be a multiple of 9 KHz (The EU channel spacing) to make it simpler to design the PLL. Seems that 450 would work with both 9 and 10 KHz spacing.

Are they still using the NDB stations? seems kind of redundant with VOR, that has been around for 50 years or so.

Tam