

Headquarters Highlights *continued . . .*

Corporation to help revamp and revitalize our web site. The new site will have easier navigation, more features, including a member-only password-protected area, as well as:

a) On-line Membership Directory—a database of members including member name, city, state, certification expiration date, discipline, and areas of interest. This database will be searchable by field or by a character string.

b) Personal information update—members will be able to change/update their own contact information and control how this information is shared with others.

c) Resume Postings—members will be able to post their resumes on-line and maintain their own consultant listing.

d) Bulletin boards—to facilitate the exchange of information.

There are a lot more things going on that I should pass along but I have to get a carpet to the cleaners. ☹

Russ



Letters *continued from page 2*

on some conflicting data about its design details as presented in a comment on Belrose's website entry: "But for our model the antenna is inductive for all frequencies greater than the fundamental resonant frequency response of the antenna system. One must conclude therefore that the Poldhu spark-transmitter system radiated efficiently only on the fundamental oscillation frequency of the tuned antenna system – about 850 kHz."

Since none of us were there and the record is ambiguous, we will never know if Marconi and Kemp actually heard the click of the "S" transmitted from Poldhu. However, I think based on the descriptions I have read, that perhaps it was not static crashes as proposed by Mr. Kimberlin - if what was heard was a rhythmic series of three clicks at a constant interval as described in other articles. Rather, perhaps it was the early (but unrecognized) demonstration of short wave sky wave propagation from the harmonics of the Poldhu transmitter. Food for thought.

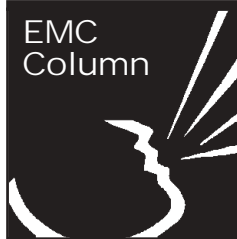
*Donald Lee Garlock, Jr.
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Comments, Don? (Ed.)

Looking For EMC Horror Stories

Ladies and Gentlemen of the EMC Community: I am searching the internet for good examples of EMC related incidents and/or accidents. Have you got any good tips on where to look?

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EMC Post Cards—From the Wireless Side

by David A. Case, NCE

If you have not heard the great news, NARTE has been officially recognized to exist. Just like in the Miracle on 34th Street where the U.S. Post Office recognized the old gentleman as Santa Claus and forwarded to him mail addressed to "Santa Claus," the U.S. Post Office now has recognized NARTE and will deliver mail to us at our Headquarters location in Medway, Massachusetts.

For those NARTE engineers who live in Texas, you will be required to use a new designation NCEEIT (NARTE Certified Engineer Except in Texas).

On February 27, the official terrorist alert code was lowered from orange to yellow. However, it is my understanding that the code has been raised to "Red Ultra Alert" on the 8th floor of the FCC building (where the commissioners reside) after the recent FCC vote on the contentious issues regarding telephone company access and sharing of broadband and voice services!

All kidding aside – it has been an interesting and busy several months.

• On January 31, the U.S. Radio LAN industry and DoD reached a compromise on acceptable Dynamic Frequency Shift (DFS) levels that will allow Radio LAN to operate in the 5250-5350 and 5470-5725 MHz band while protecting radar. This agreement was quickly incorporated into the U.S. position papers for CITEL (Inter-America Telecommunications Commission) and the World Radio Communications Conference. The DFS level is part of the recently approved CITEL Inter-American Proposal.

Based on the above agreement between the U.S. Government and industry, the FCC is preparing a Notice of Proposed Rulemaking on opening up the 5470-5725 MHz band for Radio LAN devices. It is almost 110% likely that Radio LAN devices operating in this band will be required to operate under the requirements as proposed in the U.S. World Radio Conference proposal, including mandatory use of DFS.

• The FCC released a Notice Of Intent (NOI) addressing adoption of possible receiver specifications on March 13. This action is a part of the actions being addressed by the Spectrum Policy Task Force Report.

• The comment periods for both NOIs addressing rural broadband access and opening up additional unlicensed spectrum below 900 MHz and in the 3650 – 3700 MHz band have come and gone. These actions resulted partly from the Spectrum Policy Task Force Report.

• The State Department has started the preparation meetings to form the official U.S. delegation for the upcoming World Radio Communications Conference to be held from June 9 – July 5 in Geneva, Switzerland.

• Hong Kong has just adopted 5GHz requirements for Radio LAN. This information can be accessed via the Office Telecommunication Authority web site at www.ofta.hk

• Canada has released an update to RSS-210 Rev 5. This is Amendment 1 and removes the requirement for processing gain measurements for Direct Sequence Spread Spectrum devices.

Please send comments, thoughts, or opinions to me at davecase@cisco.com ☹