

SBE Chapter 78 News

July 2012

Blue Ridge Area of Virginia

SBE Chapter 78 Newsletter • c/o Castle Studios Productions • 2870 Perrowville Road • Forest, VA • Tel/Fax: (434) 525-6894 • e-mail: info@sbe78.org

Meeting Notice

Wednesday, July 11, 2012

11:30am - meal; 12:30pm - program

Location:

Golden Coral near Sam's Club in Roanoke

This month's program is by Jim Heard of ERI.

Chairman's Corner

This has certainly been an interesting summer so far. With all the problems from the storm, we are all now pretty stressed. Hopefully all will return to normal soon and everyone can attend the meeting next week.

I attended the SBE strategic planning conference in Indianapolis in June. Chapter chairs, members of the board and staff from the home office participated in a very long day of identifying our weaknesses and strengths. We identified areas that need some work and they were passed along to the Board for study and implementation. These include ways to better support the chapters, growing our training opportunities and expanding the scope of SBE membership to include "non-RF delivered" "broadcasting. I'll touch on this more at the meeting.

Please join us for some good food, good friends and fellowship Wednesday!

Paxton



Engineers' Tips & Toolbox

ADC makes a really good tool to insert and remove BNC connectors from those compact HD video patch panels. Its ADC Model: BT2000-xx where "xx" is the length of the handle in inches (6, 12, or 24). They are available from Markertek (in stock) or Broadcaster's General Store for less than (\$100). We looked for months for a "removal" tool. It turns out it's called an "insertion", or, "insert/extract tool."



www.markertek.com/Tools-Test-Equipment/Tools-and-Tool-Kits/ADC-Telecommunications/BT2000-24.xhtml

Free Meal Contest



Below is this month's question to win a **Free Meal** at our upcoming meeting. All you have to do is be the first person to email the correct answer to the question to ecs@rev.net, and viola...you will win a free meal. Only one answer allowed per member, so make sure you're correct before you email your answer in. Remember to please include your name and mailing address when you email in your answer. The correct answer to this month's question will be revealed at the meeting.

Disclaimer: The winner is decided by the time code posted on the email when it is received by ecs@rev.net.....Remember, the early bird gets the worm.

Question: What can be done to prevent unwanted oscillations in an RF power amplifier?

- A- Install parasitic suppressors and/or neutralize the stage
- B- Tune both the input and output for maximum power
- C- Use a phase inverter in the output filter
- D- Tune the stage for maximum SWR

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