

205Morning Group Mission Statement

Hello,

Some have reported not opening the 205MorningReport email thinking it was SPAM. It is not. The 205 Morning group was started in October 2010. Ken W2UAD (FN13gc) and I were discussing the poor activity level on 2 meters. The only time the band was busy was near a contest period. We also had a few weekly nets that we could check into. I was about to retire and wanted more! Ken thought if we got on the air the same time every morning eventually others would find us.... He was spot on! The quest began to help all other stations make contact with others by lining up antennas and helping with timing sequences. We did this on 144.200. It didn't take long before those monitoring 200 told us we should not use 200 for that purpose. We moved to 144.205. 205 is a calling and working frequency. It is perfectly fine to allow many to call and use the same frequency. Hey after all, the band had been silent for too long. We were all "making noise." This was much better than the silence of white noise!

We have been using the ON4KST Chat page to line up our flashlights and try for that distant - or not so distant - contact. This 21st century type of operating has made the bands active again. I have been putting a daily report together highlighting what has gone on for that day. ALL 144 and ABOVE reports I get find their way into the 205MorningReport. NET reports and operating activity coast to coast on all bands are reported.

ON4KST's Chat Page: <http://www.on4kst.org/chat/index.php?band=8>
Take a look at the PDF and get on your radio and "MAKE SOME NOISE."

If you choose not to want the daily email, send me a note and I will remove you from my list of nearly 600 weak signal VHF and above hams. Please send me your daily contact log, anything of interest to you and of course, we love to see pictures.

Roger K2SMN, the net control station for the East Coast VHF Society Sunday morning net (144.250 10:30AM), has developed a web site archiving the 205MorningReports, beginning with January 2012.

73, Stan, KA1ZE/3 FN01xt
"make some noise"

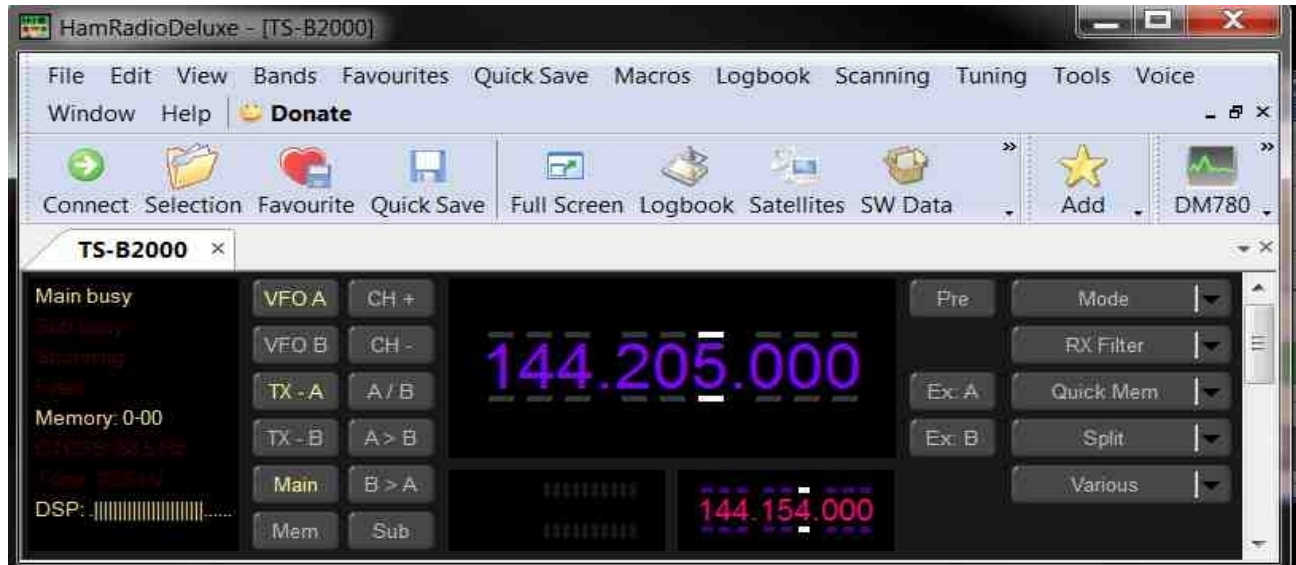
KA1ZE/3 FN01xt

I wish I had a buck for every time I was asked “How do you control that station in FN01 while enjoying 80 degree temperatures at the beach in Clearwater FL?”

Well, I have been doing it for the last 5 years simply by solving each obstacle as they came along.

What radio?

TS2000 controlled with free Hamradio Deluxe software.



How do I move sound from my headphone-boom mic on the computer (on the beach) to the TS2000?

IP-Sound is a free program that efficiently moves stereo sound from the beach to the hill in FN01



How do I control my Rotators?

I purchased software “PstRotator” there were many options but this worked well for me. I needed a program that would control an unlimited number of rotators. I also needed Stops (so I didn’t whack the tower with my Barn door style yagi arrays.) It also has offsets so I don’t need to position the antenna where the control box thinks I should have it.



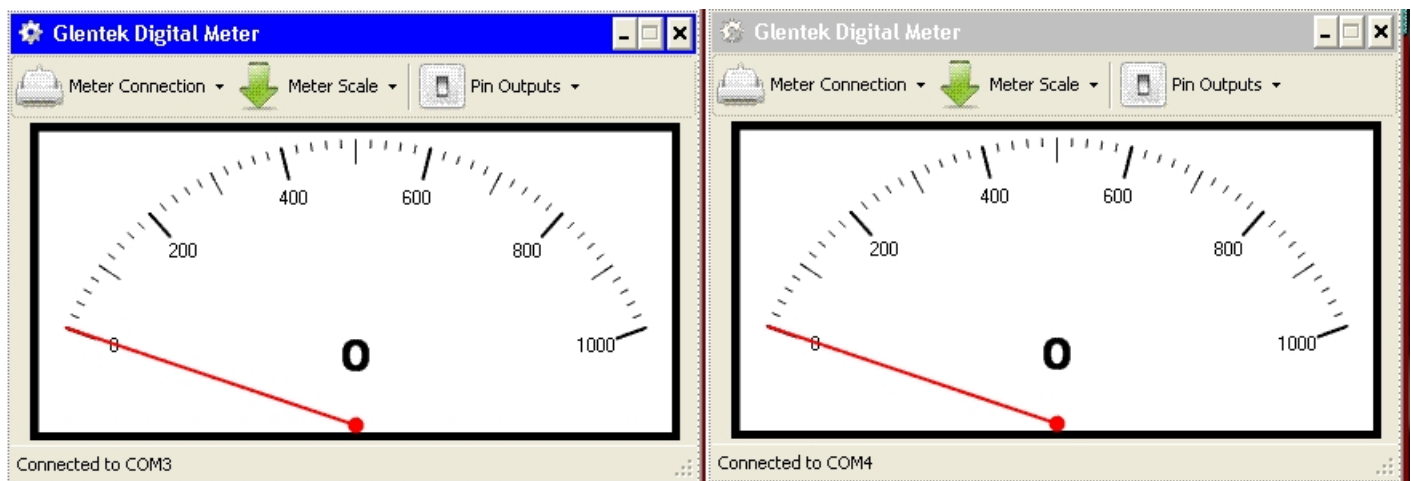
How do I turn everything OFF/ON?

I use software from Bert at Electronic Energy Control. Bert has all kinds of relay packages. I have some that monitor voltages and even temperature sensors. I stopped monitoring temperatures a few years ago. The lawn mower size shack (8ft X 14ft) would get real hot in the Summer. Hot was 110 degrees and rising! Well, the only thing rising more was my blood pressure. I figure, it is better to fix a broken equipment problem than to stroke out! I decided it was better for my health not to know how hot it was... Oh, by the way, I don't heat the shack in Winter... the equipment seems to tolerate the below ZERO indoor temps on the hilltop in FN01.... Sorry I ramble.. I control 32 relays that turn off and on my Rotators, Radio, Preamps, Power Amps, Select the Antenna I am Txing or Rxing with and Direct Audio from 1 of 4 receive choices.



How do I monitor Amplifier output?

I use software/hardware from Glentek. I steer power through relays and a power divider to light up flashlights in 2 directions.



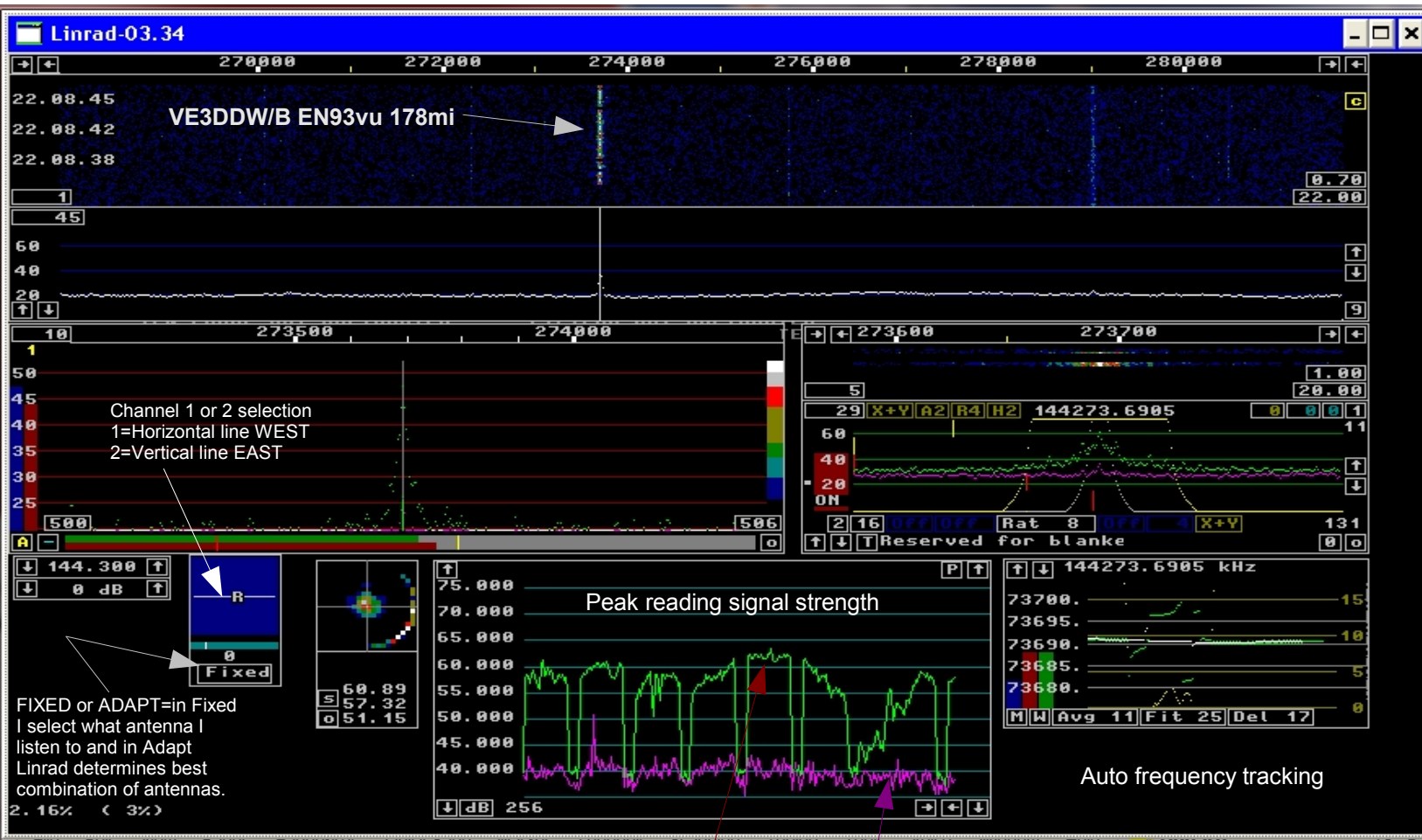
How does my Linrad receiver work?

Linrad is a software receiver. I use hardware made by WSE. It is simply, a converter to move RF to base-band AF. Linrad takes the AF and processes it to sounds out of the sound card on the computer and to my headphones. I use two converter WSE hardware receivers Each has two channels of RF that it processes. At the present time I have 3 channels in use.

Channel 1== 4 X 5 element yagi stack rotatable 0 deg to 170

Channel 2== 4 X 5 element yagi stack rotatable 150 deg to 350

Channel 3== 2 X 2M5WL ygi stack rotatable 60 deg to 260



VE3DDW/B is peaking 62 db on the West stack (green)

The East stack (magenta) is resting around 40 db.

Using Linrad with 2 independent channels gives me the option to listen to CH1 in one ear and CH2 in the other. I can also listen to either channel in both ears. Linrad also gives me the option of calculating what channel or what phase of both channels added together that gives best SNR of signal. I also look at an independent signal strength graph for each channel. Did you ever want to compare two antennas? "Ant A Ant A.....or Ant B Ant B....", well all I need to do is look at the signal strength graph. All boxes in the program are adjustable for range. Ex: Signal Strength is set from 40db to 75db. I can decide the range maybe 55-65 would suit my needs? All you do is push on the up/down or left/right arrows.