

Kings Point

Amateur Radio Club Newsletter

25 Years Of Voluntary Emergency Communications Service To Our Community

www.kparc.org

Bringing together all levels of ham operators, both newcomers and veterans, to share in the enjoyment of shortwave radio and emergency communications

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The Kings Point Amateur Radio Club meets the first Monday of every month at 2:00 p.m. in the Main Club-house Craft Room.



Dick Bishop, W4NWD

From The President

The most amazing thing that is happening is how fast time is flying. It seems that winter was about two weeks long, We blew through February and March too fast to appreciate. In trying to analyze why time is flying, I came up with a couple of reasons. First we are all involved in too many things. We have too many projects, clubs, meetings, hobbies, and interests. All on top of doctor appointments, grocery shopping and bill paying. Living in SCC and KP is like summer camp year round. We take a break from fun activities for meals then back to the fun activities again. A second thing is commitment and passion about the things to which we devote our time.

It may sound like I'm knocking our life styles, but I'm not. What I am doing is reflecting on the potential richness of life as opposed to the multitude of time consuming activities we pursue. I and probably many of you need to slow the pace a bit, and get more quality return from the things we do.

How does this relate to ham radio? Here are a few thoughts.

We have many radio modes of operation for our choosing. We also have many types of equipment, and could spend hours keeping up with the latest technological developments. But, how many of us take the time to learn how to really use our HT, or HF rigs or have a favorite operating mode? I confess that I'm probably the most guilty of all.

So how do we get the richness of life and still do the things we want to do? My proposal is to plan more, make lists, choose wisely, and do not get swayed or tempted to switch direction mid way to completion. Add a few quiet dinners with friends to really get to know them, like to getting to know your radio equipment. Believe me; it is the richness that we remember and can tell others what we did with our time. The fast, do it all, pace is not memorable and that is why time seems to pass so fast.

On a different note: Did you know that on a D-star net, the net control calls for check-in by asking each station to click his mike PTT button. This sends a digital ID to the Net control who then takes the list of digital check-ins and goes down the list for comments. Clever!!

Let's get ready for the summer storm season so that we do not have to rush at the last minute.

73's,

Dick -W4NWD

Technically Speaking

By Charlie, WA3ITR

Originally printed in the Wellesley ARS Sparkgap

Its purpose is to be fun, to be educational, and to be a bit thought provoking. It might even encourage you to explore other aspects of amateur radio!

1. What is the highest percentage of modulation desirable in an amplitude-modulated rf amplifier?
a) 50 b) 100% c) 150% d) 200%

2. In what part of the radio spectrum is the ground wave the principal mode of propagation?
a) UHF b) HF c) 10-20 MHz d) Below 30Mhz e) None of the above

3. What does a facsimile transmission produce ?
a) tone-modulated telegraphy
b) a pattern of printed characters designed to form a picture
c) printed pictures by electrical means d) moving pictures by electrical means

4. What type of emission is produced when an FFM transmitter is modulated by a facsimile signal ?
a) F3C b) A3C c) F3F d) A3F

5. What is emission A3F ?
a) RTTY b) Television c)SSB D) Modulated CW

6. How are FM-phone signals detected ?
a. with a balanced modulator
b. with a frequency discriminator
c. with a product detector
d. with a phase splitter

7. What is an L-network?
a. A network consisting of 4 inductors
b. A network consisting of an inductor and a capacitor
c. A network used to generate a leading phase angle
d. A network used to generate a lagging phase angle

8. What type of network provides the greatest harmonic suppression ?
a) L-network b) Pi-network c) PI-L network d) Inverse Pi-network

9. What are the 2 swtable operating conditions of a silicon controller rectifier (SCR) ?
a. Conducting and nonconducting b. Oscillating and quiescent
c. Forward conducting and reverse conducting d. NPN conduction and PNP conduction

10. What is the name given to an impurity atom that adds holes to a semiconductor crystal structure?
a. insulator impurity
b. N-type impurity
c. acceptor donor
d. donor impurity

Answers on next page

FLORIDA BUSTS PIRATE ADVERTISING GANGS

Federal Communications Commission officials and deputies from the Orange County Florida Sheriff's gang unit have busted a pirate radio station. One they say was reportedly broadcasting information on where to buy drugs. Authorities say the station calling itself "Street Heat" allegedly broadcast live advertisements for criminal gangs and discussions of where to buy drugs. Arrested in the March 6th raid were Balthazard Senat and Christopher Robert Roth. Both were charged with unauthorized transmission and possession of cannabis with intent to deliver.

The sheriff's office said a two-week investigation found Senat was operating a pirate radio station which broadcast on a frequency 91.3 Mhz. They say Roth was a disk jockey for the radio station and that the station was actually located in his bedroom.

A judge set Senat's bond at \$1,250 and Roth's bond was set at \$1,500.

PAVING THE INFORMATION SUPER HIGHWAY

Researchers in China think that they have the answer as to what to do with old computers, cell phones, and even old ram radio gear. They say to use them to literally pave highways and by-ways around the world. A study by a research team headed by Professor Zhenming Xu describes the development of a new recycling process that can avert discarded electronic circuit boards into an asphalt modifier. The material makes high-performance paving material asphalt that is cheaper, longer lasting, and more environmentally friendly than conventional asphalt, the scientists report.

The researchers note that millions of tons of electronic waste pile up each year. The printed circuit boards used in personal computers, cell phones, and other electronic gear contain toxic metals such as lead and mercury. This in turn poses a difficult problem in disposing of them in an environmentally friendly and safe manner. But the research group found that the boards, which provide mechanical support and connections for the electronic components, contain glass (cont next column)

Answers to Quiz on page 2:

- 1)b 2)e (gnd wave is useful below 5Mhz) 3)c 4)A 5)b 6)B 7)b 8)c 9)A 10)c

fibers and plastic resins. They reasoned that these could be re-used to strengthen asphalt paving. Now, the scientists are describing a new recycling method that quickly separates the toxic metals from

Mass Casualty Exercise

The 2009 Hillsborough County Mass Casualty Exercise will take place on Wednesday, April 29 at the Tampa Bay Technical High School.

KPARC, SCCARC will activate to test its emergency procedures. This year we plan to do a full activation, covering the hospital, Emergency Squad.

Both radio rooms and the CERT building will be staffed. ARES/RACES will also ask STARC and BEARS to participate in their specialty roles. So please mark your calendar and plan on being part of the Mass Casualty Exercise on April 29.



KPARC MONTHLY MEETING
Monday April 6, 2009
2:00 p.m.
Main Clubhouse Craft Room
Program By Bill Barron
Who Are Our First Responders
and
Disaster Plan Implementation