

SINEWAVES

STONEWALL JACKSON AMATEUR RADIO ASSOCIATION
PO Box 752 Clarksburg, WV 26302-0752

WWW.SJARA.ORG

MAY 2007

Monthly Meeting at Saint Mark's Lutheran Church, located at the intersection of US 19 and SR 98
Next meeting will be May 17, 2007

Stonewall Jackson Amateur Radio Association		Tuesday Night Net
N8FMD Repeater 147.210 Mhz with P/L tone of 103.5 hz		
Net Control Operator	Date	Call Sign
Tom Bell	May 15 th	KB8WRZ
Bill Williams	May 22 nd	K8WWW
Dave Morris	May 29 th	WD8NSC
Bill Snyder	June 5 th	KB8QIN
Bill Williams	June 12 th	K8WWW
Tom Bell	June 19 th	KB8WRZ
Dick Wilt	June 26 th	K8TPH

APRIL MEETING

After calling the April meeting of the Stonewall Jackson Amateur Radio Association to order the club President Paul Howe, KB8RIA gave a talk on club purpose and activities such as our involvement with the Boy Scouts in JOTA, our Field Day activities, club Christmas Dinner and training classes.

The minutes from the March meeting as stated in the newsletter and the Treasurers Report were accepted after a motion by WU8WV, Monte Tremont.

Dick Wilt gave a brief talk about Daren, packet and PS31.

K8TPH talked about his discussions with the state council and our club running a special event station at the convention in August at Jackson's Mill. WD8NSC was to contact John Shafferman, NW8U about the station and advertising the special event station in *QST*.

A motion was made to apply the expense of renewing the club license to the dues for Dave Anderson, N8YPE. Motion carried.

A short discussion about Field Day was next with K8TPH to make arrangements for a porta potti. N8FMD to contact the YMCA about the club using their site for Field Day and Dick is to make arrangements for the CPD van. N8YPE is to be in charge of food preparations this year.

A motion to adjourn was made by KB8WRZ which carried.

Catch the action at Dayton

Don't forget to join in on the fun of the 2007 Dayton Hamvention this year by live streaming video and audio and chat room. Many of you joined us last year. We will be broadcasting the 3 days of the Hamvention live at <http://wa5kub.com> may 18-20th.

We will also be broadcasting our 500 mile drive LIVE to hamvention. Watch us drive and chat with us and others around the world. We depart on Wed May 16th at approx 1300 GMT.

The web site is up and running right now (right now it has recorded video of hamvention) and we will be switching to live soon.

Please help us load test the system by going to <http://wa5kub.com> And watching and chatting with us and others.

Also many of you watched the bird cam last year. This year we have a new live webcam of a birds nest and eggs and they are expected to hatch soon. Watch the mother bird feed and care for the babies. That link is <http://tmedlin.com/birdcam.html>

Thanks and 73's
Tom WA5KUB

AMATEUR COMMUNICATORS WANTED!!!!!!!!!!

FOR: The Mountaineer
Triathlon

DATE: Sunday 01 July 2007

Once again Amateur Radio Operators needed to provide a communications network for the Mountaineer Triathlon 2007.

The 1.2 mile river swim will start downtown Morgantown around 7:00 AM, followed by the 56 mile bike race, and will finish with the 13.1 mile run. The approximate hours for the Bike race: 7:30 AM to 1:00 PM and the Run course 10:00 AM to 3:30 PM.

Operators for the Bike race should be on station at 7:15 AM and have a Mobile radio and a HT. Operators for the Run course should be on station at 10:00 AM and will only need a HT.

Thanks to those who did an outstanding job for the 2006 Triathlon please let me know if you can assist this year.

All others contact me if you would like to assist or would like further information. If you don't have equipment, I am sure we can provide some.

It would be great if new licensees can help with this event.

Take a look at the below web site for the courses and information.

The website address for the Triathlon is:

www.mountaineertri.com

Point of contact:

Bob Steele / N8HGL
Triathlon Communications
Coordinator
Morgantown, WV
Home (304) 292-0742
Cell (304) 216-1726
Email: n8hgl@arrl.net

FIELD DAY SHIRTS

Dave,

I would like for you to put in the sinewaves that I will be taking orders for Field Day T-shirts.

The order must be accompanied with a payment of \$14.00 and the \$14.00 is only if I get at least orders for 6 T shirts.

Submitted by KB8RIA

RESCUE RADIO: HAMS ON THE SCENE AFTER GREENSBURG TORNADO

Ham radio is once again a communications lifeline. A strong tornado tore apart the town of Greensburg, Kansas on Friday night, May 4th.

The storm has been classified by the National Weather Service as an F-5 which is the most severe on the Enhanced Fujita Scale. The twister cut a

22 mile long track that was one-point-seven miles wide. Winds were estimated at 205 miles per hour.

Authorities say about 95 percent of Greensburg was destroyed and at least 8 people lost their lives.

According to news reports, all wire-line and cellular telephone communications into the southwestern Kansas town of 1500 was destroyed by the twister. A group of ham radio operators identified as being from the Radio Amateur Civil Emergency Service were sent into the area early on Saturday May 5th to set up an emergency communications network. Media stories did not identify the hams by name but did praise their efforts while noting that they were entering an area of total devastation.

What they found when they arrived was an area of total devastation. More than 90 percent of Greensburg was destroyed or heavily damaged. Most buildings were blown off their foundations and blown away. The ARRL says that other hams involved in disaster relief were monitoring 3.920 MHz early Saturday morning in case there was a need for them to act.

RADIO SCIENCE: RESEARCHERS SAY SOLAR MAX DELAYED A YEAR

Good D-X may have to wait a little while longer. This is because the next 11 year-cycle will most likely not start next March and peak in late 2011 or mid-2012. This forecast issued by the NOAA Space Environment Center, in coordination with an international panel of solar experts, all agree that the cycle will begin up to a year later than

expected.

If you have been waiting for improved D X conditions on the High Frequency bands, you are going to have to be patient a bit longer. So says the NOAA Space Environment Center which led a prediction panel that issued the forecast at its annual Space Weather Workshop in Boulder, Colorado.

Expected to start last fall, the delayed onset of Solar Cycle 24 has stymied the panel. It also left them evenly split on whether a weak or strong period of solar storms lies ahead, but neither group predicts a record-breaker.

HAM RADIO ON THE WEB: THE DAYTON AMATEUR RADIO FORUM

Turning to ham radio on the World-Wide-Web, word of a new on-line discussion board for hams in the Dayton Ohio area. Its called the Dayton Amateur Radio Forum and is in cyberspace and is billed as a place to discuss anything from vintage gear to the latest operating modes and much more. It's on-line at www.hamradioboard.proboards56.com/index.cgi

ENFORCEMENT: ONLY EXTRA CLASS CAN OPERATE THERE

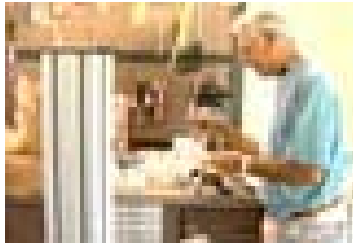
Edib Zildzo, K2AAW, of Roselle, Illinois, has been sent a letter by the

FCC. One that asks him to explain why he has been heard operating on frequencies reserved for Extra class license holders when he only holds a General class license.

In its note to Zildzo, the FCC says that it has a copy of documents submitted by him to unnamed radio organization s where-in K2AAW claims that between February and July of 2006 that he operated at least 200 times on frequencies reserved for Extra class licensees. As such, it says that this raises questions whether or not Zildzo holds the qualifications to continue to hold an Amateur Service license.

Zildzo was asked to respond within 30 days to a series of questions regarding the operation of his station. He too was warned that future punitive action, if any, will depend on the information that he provides.

Ham Invents possible Cancer Cure Possible Cancer Breakthrough "Invented" in Florida Garage



John Kanzius



SANIBEL ISLAND, FL -- A Florida retiree battling cancer himself has discovered a possible method of killing cancerous cells with radio waves. If it works, it could be the "Holy Grail" of cancer treatments.

His is the great American story. A broadcast engineer, who shrewdly evolves into the owner of several TV and radio stations, sells them for a bundle and retires early to picturesque Sanibel Island.

But Easter 2002, began an unexpected chapter in the story of John Kanzius, a year and-a-half after he retired. He was diagnosed with a severe form of leukemia.

Soon after receiving this news, Kanzius began his punishing chemotherapy and was heartbroken at its effects on fellow patients, especially children.

"There was one scene I could not forget and that was the young children came in with smiles and a week later see those smiles disappear and so forth and literally would watch them waste away," recalls Kanzius.

Necessity is the mother of invention and the need for a gentler treatment for those sick children proved a powerful motivator for Kanzius, a tinkerer, inventor and grandfather.

"We really haven't developed a better way other than going into people's veins and putting systemic drugs into them and hoping we kill the cancer before we kill the person," Kanzius says.

Kanzius wrestled with the idea of a better way and in the middle of the night in October 2003 inspiration struck: kill cancerous cells with radio waves.

"I had all the equipment that one could use for sending and picking up radio signals."

He was a ham radio operator.

Kanzius continues, "And all I needed in my house was antennas. And the best thing that worked as antennas at 3 o'clock in the morning was my wife's pie

pans."

Startled out of bed by clattering in the kitchen, wife Marianne found her husband cutting up her pie pans.

"I got up and immediately thought he'd lost it," says Marianne Kanzius.

His idea might have sounded crazy but he wasn't. Here are the basics of his idea.

Radio waves for the most part are harmless but they will heat certain metals. Gold is one of those metals and was also previously FDA-approved for use in humans.

A lab provided Kanzius with what is essentially gold, broken down into the tiniest possible size. They're called nanoparticles.

These nanoparticles are injected into a cancer patient and are attracted to the abnormalities of the cancerous cells, attaching themselves to those bad cells. What's more, the nanoparticles ignore healthy cells.

The patient is then exposed to radio waves and only the bad cells heat up and die. The healthy cells, which have no metal on them, are not warmed up at all and are unaffected.

Early, crude experiments done on hot dogs in his garage seemed to work. In 2004, Kanzius showed the results to a prominent cancer researcher.

"He said, 'You know this is the most amazing thing I've ever read in my life,'" proudly recalls Kanzius.

Today Kanzius has several universities

working on his research and a manufacturer now builds clinical-sized versions of the machine he first built with radio parts and his wife's pie pans.

This 62-year-old Florida retiree with no medical background whatsoever has grabbed the attention of the medical community.

"We could be getting close to grabbing the Holy Grail," says physician Dr. Dan Pulsipher.

Kanzius spends 70 hours of his retirement every week working on a cure, still motivated by those children he saw in chemotherapy.

"My best term scenario would be to watch a patient get treated and have a doctor tell them they're cured. To me, that would be all the thanks I would need."

Human trials are expected to begin in a couple of years.