



# Sinewaves



## STONEWALL JACKSON AMATEUR RADIO ASSOCIATION

Meetings: 3<sup>rd</sup> Thursday of each month, 1930 hrs at Saint Marks Lutheran Church RT19/98 Clarksburg  
SJARA Tuesday Night Net

*This net meets each Tuesday evening at 2100 hours utilizing the N8FMD Repeater on  
147.210 Mhz with PL Tone of 103.5*

*15 January 2011*

### Net Control

### Date

- |    |             |                   |
|----|-------------|-------------------|
| 1. | K8TPH.....  | December 21, 2010 |
| 2. | K8TPH.....  | December 28, 2010 |
| 3. | KD8FDD..... | January 4, 2011   |
| 4. | K8WWW.....  | January 11, 2011  |
| 5. | WD8NSC..... | January 18, 2011  |

### Christmas Dinner December 16, 2010.

The Stonewall Jackson Amateur Radio Association held the Christmas Dinner at Raymon's Restaurant on Thursday December 16, 2010. Guest began arriving at 6:30 PM. A short period was spent talking and exchanging happenings since the last meeting, Jon WV8JON brought his new HT he had picked up at the Parkersburg Hamfest. K8TPH announced that Tom, WB8WRZ was in the United Hospital and had been there since November 3 with a broken hip. Tom's wife, Jean, had emailed K8TPH and said Tom was feeling better but the progress was slow. KD8GKQ produced a get well card and it was passed around so all could sign it and pass good wishes to Tom hoping for a quick recovery. Orders were taken and the meal was served near 7 PM. We had a

total of 17 at the dinner. After the dinner was over K8TPH

got everyone to pose for a photograph which was taken by K8TPH's grandson Tyler. The weather was very cold but the snow had stopped and more attended than was expected. The dinner was over at 8:30 and we all said our 73s and went home.



*A larger picture can be found on the SJARA Web Site.*

### Over the Horizon Radar OTHR

**John ZL1GWE** has posted information to the ZLHAMS Yahoo Group about an Over The Horizon Radar (OTHR) that is transmitting on the Amateur Radio

7 MHz band. He writes: "For a number of months, we have reported OTHR on 40 Metres."

We have ascertained that it appears to come out of the Northeast direction especially at greyline period and then rapidly increases in strength and intensity. 07:30z hours onwards. It sounds like a tractor across the CW, Data and Voice segments - moving and alternating in frequency and bandwidth, sometimes there are up to four separate signals reducing to two main ones. It is normally called OTHSAR. It is a form of stereo radar, used for detecting airborne targets.

**OTH**, as Over The Horizon Radar was called back during the cold war. The USSR used OHR to detect planes leaving and arriving in all airports on the east coast of the US. OHR is a pause signal somewhere around 50 pps in the HF portion of the radio spectrum. It must have a transmitting and a

receiving station for it to work. (Example, during the Cold War USSR to Cuba). It sweeps over a given spectrum of the HF bands which includes the Amateur Bands. It detects anything that rises at least 100 feet above ground level by the receiving station detecting the phase shift of the multiple skips of the HF signal from the transmitter to the receiver. Are the people in New Zealand paranoid, who wants to know about anyone leave or arriving in New Zealand. The Chinese OTH Radar was audible on Nov. 15th at 2025 UTC. Parameters: 43.5 pps, 30 kHz wide. Australian OTH Radar was heard on 10148 (10 kHz wide) on Nov. 17th at 2000 UTC Maybe they are tracking Penguins. Since the USSR has been dissolved nearly all of the OHR heard on the east coast of the USA has completely ceased. If anyone does hear OHR or OTH please assist ZL1GWE with his endeavor.

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## THE ARRL JANUARY VHF SWEEPSTAKES JANUARY 22 To 24

Turning to radio sporting news, the ARRL January VHF Sweepstakes is set for 1900 UTC on January 22nd to 03:49 UTC on January 24th. This is primarily a weak signal contest aimed mainly at operators who use SSB and CW. Some FM is allowed as long as it's not on a United States national calling frequency or through a repeater. The required exchange is simply your call sign and the Maidenhead grid square locator you are operating from. Logs are due no later than 0400 UTC on Wednesday, February 23rd. Paper submissions go to the ARRL January VHF Sweepstakes, 225

Main Street, Newington, Connecticut 06111. Electronic logs must be in Cabrillo format and send results via email to [Januaryvhf@arrl.org](mailto:Januaryvhf@arrl.org)

## Canada Too?

New Brunswick's Bill 4, which makes it illegal to talk or text on a cell phone or any other handheld device, has already passed third reading in the legislature and is expected to be passed into law soon. Meghan Cumby, a spokeswoman for the Department of Public Safety, said the government plans to start enforcing the law early in the new year. The phase-in will be accompanied by an education campaign to explain the law to drivers.

**I feel the U.S. Amateur Radio Community is going after the new State Laws forbidding the use of Amateur Radio in a vehicle in the wrong way.**

## The Constitution of USA

### Article VI

Clause 2: This Constitution, and the Laws of the United States which shall be made in Pursuance thereof; and all Treaties made, or which shall be made, under the Authority of the United States, shall be the supreme Law of the Land; and the Judges in every State shall be bound thereby, any Thing in the Constitution or Laws of any State to the Contrary notwithstanding.

Amateur Radio Operators are licensed by the FCC which under **Part 97** is the section of Federal

Communications Commission (FCC) rules and regulations that pertains to amateur radio and the conduct of amateur radio operators. It is a part of Title 47 of the Code of Federal Regulations (CFR). It authorizes licensed Amateur Radio Operators to operate communications equipment in accordance to Federal Law. This covers anywhere and at anytime if not prohibited by Federal Law. According to the Constitution of the USA, Article VI Clause two a State may not pass any law in conflict with Federal Law.

As long as an Amateur Radio Operator has in his/her possession a valid license issued by the FCC he/she can operate an Amateur Radio either while fixed or mobile. It does not say mobile only if some one else is driving or you are sitting on the side of the road. Individuals using cell phones, portable entertainment, or any hand held devices like iPods, GPS and MP3 players or other annoying devices are not licensed by the FCC or any other part of the federal government thus can be controlled by State Law.

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## Sable Island DXpedition update

**Randy, N0TG,** reports: Storms that caused our failed attempt to access Sable on December 6th have continued throughout the month.

For sure, Sable is not easy to get to, thus perhaps the move up in the DX Magazine's '2010 Most Wanted Countries Survey' rankings to No. 50 overall, No. 36 RTTY, and No. 14 in Asia.

The time frame for our next attempt is March 2011. Prior to traveling to our takeoff point in Canada we desire to observe somewhat stable weather and suitable beach landing conditions. Thus, we will keep our personal schedules flexible in order to be able to travel on short notice.

Thanks to all for being patient and the expressions that have encouraged us; we are determined and eager to get on the air.

The Web site will be updated as new information develops.  
<http://www.CY0d Expedition.com>

## QSL BUREAU

The number of QSOs increased in 2010 over 2009. As it looks now that conditions are improving and the DX bands will become more popular. With the increase in DX more locals will become interested in some of the awards available. For more info on how to use the ARRL's Bureau systems (IN/OUT), see the following Web pages;

**Incoming QSL Bureau:**  
<http://www.arrl.org/incoming-qsl-service>

**Outgoing QSL Bureau:**  
<http://www.arrl.org/outgoing-qsl-service>

## New Amateur Radio bill introduced in Congress

The **Amateur Radio Emergency Communications Enhancement Act**, which died at the end of the 111th Congress, has been re-

introduced in the 112th Congress as **HR 81**.

The sponsor is Representative Sheila Jackson Lee (D-TX-18). The new bill - which was introduced on January 5 - has been referred to the House Committee on Energy and Commerce.

Rep Jackson Lee first introduced the bill - HR 2160 - in the 111th Congress in April 2009. It gained an additional 41 co-sponsors but did not progress out of the committee of jurisdiction. A similar bill introduced in the Senate - S 1755 - made it all the way through that body in December 2009, but likewise was not taken up by the House.

The objective of the bill - which is supported by the ARRL - is for the Secretary of Homeland Security to study the uses and capabilities of Amateur Radio communications in emergencies and disaster relief and to identify and make recommendations regarding impediments to Amateur Radio communications, such as the effects of private land use regulations on residential antenna installations.

"We are hopeful that this early start will lead to success in the new Congress," commented ARRL Chief Executive Officer David Sumner, K1ZZ.

HR 81 can be found on the web in PDF format at, a must read for all.  
<http://www.gpo.gov/fdsys/pkg/BI-LLS-112hr81ih/pdf/BILLS-112hr81ih.pdf>

## Japanese ham radio team on Christmas Island

A group of seven Japanese ham radio operators consisting of Takeo JA3BZO (VK9XA), Hiroko JH3PBL (VK9XL), Shimatake JI3DNN (VK9XN), Masumi JA3AVO (VK9XO), Nakasako JA3UJR (VK9XJR), Kunio JA1CJA (VK9XXY), and Nishimura JA3HJI (call not yet known) - will be active January 14th through 20th from Christmas Island (OC-002). They will operate on 160 through 6 m using CW, SSB and digital modes. QSLs via home calls. Find more information, @ [www.nakade.jp/vk9x.htm](http://www.nakade.jp/vk9x.htm).

**Bands have been open to Australia and the Antarctic so take a listen.**

## SJARA Tuesday Night Net

147.210 MHz PL tone 103.5  
December, 2010

Sessions .....4  
Total Check-ins.....13  
Total time.....60 Mins  
Traffic..... 0

## Old is When

You quit trying to hold your stomach in, no matter who walks into the room.

Just another reminder, if you have not paid your 2011 dues please do so. The club needs the money. Thank you, K8TPH SJARA Treasurer.



# ATTENTION

**FREE TRAINING**

**COMMUNITY EMERGENCY RESPONSE TEAM**

**WHEN:** TWO SATURDAYS – February 19 & 26, 2011  
**(MUST ATTEND BOTH SESSIONS)**

**CLASS TIME:** 9:00 AM – 5:00 PM

**WHERE:** CHURCH OF GOD, LIBERTY ADDITION-CLARKSBURG

**CONTINENTAL BREAKFAST AND LUNCH WILL BE PROVIDED**

**CLASS SIZE IS LIMITED TO 25 STUDENTS**

## TO RESERVE A SEAT FOR THE CLASS

PLEASE CALL RAY SHAW AT (304) 848-0264

OR E-MAIL AT: [TShawAFC@AFlameforChrist.org](mailto:TShawAFC@AFlameforChrist.org)

The class will be taught by Harrison County's Emergency Response Team professionals. As part of **PROJECT G.R.A.C.E.** in order to serve your family, church and community in case of a catastrophic event, you will learn the following:

- Disaster Preparedness
- Disaster Fire Suppression
- Disaster Medical Operations
- Light Search and Rescue Operations
- Disaster Psychology and Team Organization
- Course Review and Disaster Simulation

This training is made available to you by:



**Directions to the Church:** From Clarksburg, Take US 50 West; Take the US 19/West Pike Street Exit; Turn Right on to US 19; Take the very first Left on to Limestone Run Road; Go approx 1 mile, the church is on the left.