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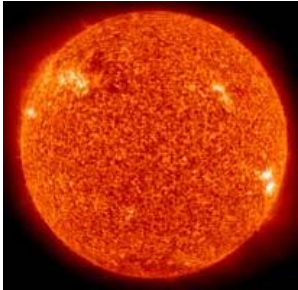
*CARS Meeting is the third Monday of each month,
at 7:00 pm at the
Lake City Baptist Temple US 47 South & I-75*



**From This
1-2010**

See page to find out what
this means to you.

**To This
3-2010**



**CARS Newsletter
for
March 2010**

Columbia Amateur Radio Society Info: Lake City, Florida

Meeting Schedule : Third Monday of each month at the Lake City Baptist Temple Church Highway 47 just North of I-75 at 7:00 pm.

Dues and Membership : All dues begin in January of each year. Dues are \$20.00 if paid by the last day of January. Payments should be given to: Bob Mitchell, KG4INM

News and events : If you have any items of interest to the club membership, contact the Newsletter Editor, Colen Boutwell at 752-8239 or e-mail WA5RKR@gmail.com.

Emergency Operations : Issues concerning emergency preparedness contact Richard Heston (EC for Columbia County) at 984-0077 or to Joe Kelman, (EC Suwannee County)

Licensing, Upgrades or testing : Contact Doug Baker, WB4VFT, Chief VE, at 752-6494 or Colen Boutwell, WA5RKR Liaison to ARRL at 752-8239

CARS mailing address is : 267 SE Fawn Gln , Lake City, FL 32025

OFFICERS 2009

President:	Rick Arnold`	KI4WSW	754-1413	rarnold366@aol.com
VicePres:	Richard Heston	KE4BQI	984-0077	KE4BQI@arrl.net
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Sec./Treas.:	Buzz Bussard	KI4DEI		
Newsletter:	Colen Boutwell	WA5RKR	752-8239	wa5rkr@gmail.com
VE-Chief:	Doug Baker	WB4VFT	752-6494	doug@4bakers.net

NF4CQ



Message from the President

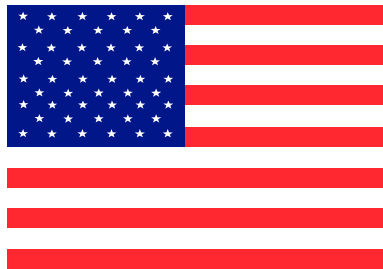
KI4WSW RICK.

The results of the survey conducted at the last meeting will be discussed with an effort to define our clubs direction in the near future. In addition:

Be sure to review the emergency actions around the world as reported in this newsletter. It is interesting that we seem to be having an earthquake every other day some where in the world. Not yet reported are the ones in Japan, Turkey and perhaps other countries.

We all know of the California situation but are you aware of the New Madrid fault line in Missouri?

We must be prepared for action by getting our own stations in good order and obtain the necessary training so that our response in an emergency will be the best that it can be.



ARRL Field Day : 2010 Field Day Packets Now Available



Note: This is the new Field Day logo for 2010!

Lets make this one the best ever.

It's that time of year again -- time to start gearing up for ARRL Field Day, June 26-27, 2010! ARRL's flagship operating event -- always held the fourth full weekend in June -- brings together new and experienced hams for 24 hours of operating fun. Field Day packets are now available for download and include the complete rules (including changes for 2010), as well as other reference items such as forms, ARRL Section abbreviation list, entry submission instructions, a Frequently Asked Questions section, guidelines for getting bonus points, instructions for GOTA stations, a kit to publicize your event with the local press and more.



Solar Update

Tad "The Sun shines hot and the wind blows cold" Cook, K7RA, reports: The sunspots just keep coming: Two new sunspot groups appeared on March 1, numbered 1052 and 1053. This brings the total number of sunspot groups appearing over the last month at 11. Looking at our 3-month moving average of daily sunspot numbers, the latest for December-January-February is 22.4, for the period centered on January. The 3-month moving averages for the periods centered on July through January were 4, 4, 4.64, 7.1, 10.16, 15.15 and 22.4. The average sunspot number for the month of February was 31, up from 21.3 for January and 15.7 for December. The February average being 8.6 points higher than the trailing three month average (22.4) is a good trend. Look for more information on the ARRL Web site on Friday, March 5, including more news from happy radio amateurs commenting on improved conditions on the higher part of the HF spectrum. The vernal equinox occurs in a little over two weeks, ushering in good spring conditions. For more information concerning radio propagation, visit the [ARRL Technical Information Service Propagation page](#). This week's "Tad Cookism" brought to you by Charles Dickens' *Great Expectations*.



The Sun, as seen on Thursday, March 4, 2010 from [NASA's SOHO Extreme Ultraviolet Imaging Telescope](#). This image was taken at 304 Angstrom; the bright material is at 60,000 to 80,000 Kelvin.

Look out for action on six meters!



March 4, 2010

Editor: S. Khrystyne Keane, K1SFA

ARRL Continuing Education Course Registration



Registration remains open through **Sunday, March 21, 2010**, for these online course sessions beginning on **Friday, April 2, 2010**: Amateur Radio Emergency Communications Level 1; Antenna Modeling; Radio Frequency Interference; Antenna Design and Construction; Ham Radio (Technician) License Course; Propagation; Analog Electronics, and Digital Electronics. To learn more, visit the CEP Course Listing page or contact the Continuing Education Program Coordinator.

SB QST @ ARL \$ARLB037

ARLB037 Amateur Radio Bill Passes Senate, Moves to the House

ZCZC AG37

QST de W1AW

ARRL Bulletin 37 ARLB037

From ARRL Headquarters

Newington CT December 16, 2009

To all radio amateurs

SB QST ARL ARLB037

ARLB037 Amateur Radio Bill Passes Senate, Moves to the

House On Monday, December 14, S 1755 -- The Amateur Radio Emergency Communications Enhancement Act of 2009 -- passed the Senate by unanimous consent; the bill now goes to the House of Representatives for consideration. Sponsored by Senator Joe Lieberman (ID-CT), and Senator Susan Collins (R-ME), S 1755, if passed, would direct the Department of Homeland Security (DHS) to undertake a study on emergency communications.

S 1755 points out that "There is a strong Federal interest in the effective performance of Amateur Radio Service stations, and that performance must be given -- (A) support at all levels of government; and (B) protection against unreasonable regulation and impediments to the provision of the valuable communications provided by such stations."

Members of the Senate Homeland Security and Governmental Affairs Committee considered S 1755 on December 10. After it passed through Committee, it was placed on the Senate's calendar to be voted on. "We are grateful to Committee Chairman Lieberman and Ranking Member Collins for sponsoring the bill and arranging for its swift consideration and passage by the Senate," said ARRL Chief Executive Officer David Sumner, K1ZZ.

Similar in language to HR 2160 (also called The Amateur Radio Emergency Communications Enhancement Act of 2009 that was introduced this past April by Representative Sheila Jackson-Lee [D-TX-18]), S1755 calls on DHS to undertake a study on the uses and capabilities of Amateur Radio Service communications in emergencies and disaster relief and then to submit a report to Congress no more than 180 days after the bill becomes law. The study shall:

Include a review of the importance of Amateur Radio emergency communications in furtherance of homeland security missions relating to disasters, severe weather and other threats to lives and property in the United States, as well as

recommendations for enhancements in the voluntary deployment of Amateur Radio licensees in disaster and emergency communications and disaster relief efforts and improved integration of Amateur Radio operators in planning and furtherance of the Department of Homeland Security initiatives.

Identify impediments to enhanced Amateur Radio Service communications, such as the effects of unreasonable or unnecessary private land use regulations on residential antenna installations; and make recommendations regarding such impediments for consideration by other federal departments, agencies and Congress.

In conducting the study, S 1755 directs the Secretary of Homeland Security to "utilize the expertise of stakeholder entities and organizations, including the Amateur Radio, emergency response and disaster communications communities."

S 1755 makes note of the fact that Section 1 of the Joint Resolution entitled Joint Resolution to Recognize the Achievements of Radio Amateurs, and To Establish Support for Such Amateurs as National Policy -- approved October 22, 1994 (Public Law 103-408) -- included a finding that stated: "Reasonable accommodation should be made for the effective operation of Amateur Radio from residences, private vehicles and public areas, and the regulation at all levels of government should facilitate and encourage amateur radio operations as a public benefit."

The bill also pointed out that Section 1805(c) of the Homeland Security Act of 2002 (6 U.S.C. 757(c)) directs the Regional Emergency Communications Coordinating Working Group of the Department of Homeland Security to coordinate their activities with ham and Amateur Radio operators among the 11 other emergency organizations, such as ambulance services, law enforcement and others.

NNNN

FCC News: FCC Seeks Comments for Blanket Waiver to Allow Amateur Radio in Hospital Emergency Drills



In February 2010, the American Hospital Association (AHA) filed a request with the FCC for a blanket waiver of Section 97.113 (a)(3) of the Commission's Rules "to permit hospitals seeking accreditation to use Amateur Radio operators who are hospital employees to transmit communications on behalf of the hospital as part of emergency preparedness drills." On March 3, the FCC issued a *Public Notice* -- WP Docket 10-54 - - seeking comments if the Commission "should grant AHA's request for a blanket waiver of Section 97.113(a)(3) to permit amateur operators who are hospital employees to participate in emergency drills that are conducted by hospitals for accreditation purposes and that are not government-sponsored." Section 97.113(a)(3) specifically prohibits amateur stations from transmitting communications "in which the station licensee or control operator has a pecuniary interest, including communications on behalf of an employer."

ZCZC AS08
QST de W1AW
Space Bulletin 008 ARLS008
From ARRL Headquarters
Newington, CT December 16, 2009
To all radio amateurs

SB SPACE ARL ARLS008
ARLS008 First Chinese Amateur Radio Satellite Now in Space

AMSAT China (CAMSAT) reports that at around 0230 UTC on December 15, China launched its first Amateur Radio sat-

ellite -- named XW-1 -- into space.

The microsatellite -- a secondary payload aboard the CZ-4C rocket launched from the Taiyuan Satellite Launch Center -- was launched into a Sun-synchronous orbit with an apogee of approximately 1200 kilometers. XW-1 successfully reached orbit at 0253 UTC. Members of the XW-1 launch team reported they received a beacon from the satellite shortly after the satellite deployed. In the first few days, the XW-1 team will work on the satellite's FM and store-forward transponder mode and its linear transponder mode. Once those tests are complete, they will upload a new flight program to set up the payload schedule.

The satellite's communications payload includes a beacon and three crossband transponders operating in FM, SSB/CW and digital modes.

Uplink and downlink frequencies can be found on the CAM-SAT Web site, <http://www.camsat.cn/index.php>, or the AMSAT web site at, <http://www.amsat.org/amsat-new/satellites/status.php>.

Sound Card Data Mode Frequencies

PSK 31		MFSK 16 (Piccolo)	
<u>Primary</u>		<u>Alternate</u>	
160M	1838.150	30M	10137.0
80M	3580.150	20M	14080.0 *
40M	7080.150	7072.150	17M 18105.0
30M	10142.150	10137.150	15M 21063.0
20M	14070.150 *		
17M	18100.150		
15M	21080.150		
12M	24920.150	24925.0	
10M	28120.150		
6M	50290.0		* Most active
2M	144.144		
1.25M	220.07		
70CM	432.2		

Public Service: Radio Club de Chile Active after Earthquake



On Monday, March 1, IARU Region 2 President Reinaldo Leandro, YV5AMH, spoke via telephone with Radio Club de Chile (RCCH) President Dr Galdino Besomi, CE3PG, regarding the 8.8 magnitude earthquake that struck the South American nation on Saturday, February 27. "He informed me that soon after the earthquake, an Emergency Net was activated in the whole country -- first on VHF and then on HF. All the RCCH Board and club members are actively working in close coordination with civil and military authorities," Leandro posted to the IARU Region 2 e-mail reflector. "Three days after the earthquake, the requests for news about people in the affected areas is one of the main activities occupying the Chilean radio amateurs."



Public Service : Amateur Radio Operators Wrap Up Communications Support in Haiti



After the 7.0 magnitude earthquake struck the island nation of Haiti on January 12, many Amateur Radio operators asked how they could volunteer their time and service to assist with communications support. When Project Medishare -- a partnership between the University of Miami Medical School (UM) and physicians and health officials in Haiti -- needed help with their communications, Amateur Radio operators were quick to respond. According to Jack Satterfield, W4GRJ/AFA4DG, Medishare has constructed several health clinics in Haiti over the years -- all of which were destroyed in the earthquake. "Medishare was able to rapidly deploy medical teams and assets to begin the overwhelming task facing the post earthquake medical needs," he told the ARRL.



Public Service: Hawaii Hams Spurred to Action by Chilean Earthquake



On Saturday, February 27 -- in reaction to a tsunami warning triggered by the Chilean earthquake -- 60 Amateur Radio operators participated in a tsunami radio net that operated throughout the island State of Hawaii. More than 25 real-time reports from observers around the state were relayed simultaneously to the State Emergency Operating Center (EOC) and the four county EOCs, providing timely information via Amateur Radio on sea level changes to emergency management officials.



EMCOM REPORT

*Richard Heston, KE4BQI
Columbia Co. ARES Coor.*



This is just a reminder that the Columbia County Emergency Net has been moved to THURSDAY night (145.49 or 146.94 tone 123) at 7:45.

OTHER THURSDAY NETS:

- 7:00 pm Levy Co. ARES net on 147.390 T 123.0 (Chiefland repeater)
- 7:15 pm Dixie Co. ARES net on 147.390 T 123.0 (Chiefland repeater)
- 7:30 pm Gilchrist Co. ARES net on 147.285 T 123.0 (Bell repeater)
- 8:00 pm Alachua Co. ARES net on 146.820 T 123.0 (GARS repeater)
- 8:30 pm Suwannee Dist.. ARES net on 146.820 T 123.0 (GARS repeater)

The Radio Amateur is...

CONSIDERATE...never knowingly operates in such a way as to lessen the pleasure of others.

LOYAL...offers loyalty, encouragement and support to other amateurs, local clubs, and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.

PROGRESSIVE...with knowledge abreast of science, a well-built and efficient station and operation above reproach.

FRIENDLY...slow and patient operating when requested; friendly advice and counsel to the beginner; kindly assistance, cooperation and consideration for the interests of others. These are the hallmarks of the amateur spirit.

BALANCED...radio is an avocation, never interfering with duties owed to family, job, school or community.

PATRIOTIC...station and skill always ready for service to country and community.

--The original Amateur's Code was written by Paul M. Segal, W9EEA, in 1928.

www.nf4cq.com



FREQUENCY AND AMATEUR BAND GUIDE

75 & 80 Meters

CW 3.675–3.725 MHz Gen, Adv, Extra
 SSB 3.75—4.000 MHz Gen, Adv, Extra

40 Meters

CW 7.100 - 7.150 MHz Gen, Adv, Extra
 SSB 7.150 - 7.300 MHz Gen, Adv, Extra

20 Meters

CW 14.000 - 14.150 MHz Gen, Adv, Extra
 SSB 14.150 - 14.350 MHz Gen, Adv, Extra

15 Meters

CW 21.000 - 21.200 MHz Gen, Adv, Extra
 SSB 21.200 - 21.450 MHz Gen, Adv, Extra

2 Meters Digital 144.39 to 145.2 MHz All Classes

FM Simplex 144.90 - 145.20 & 145.50 to 145.80 MHz
 147.39 –147.36 MHz Technician

SSB 144.30 - 148.00 MHz All Classes

70 Centimeters (440 MHz)

CW 432.000 to 432.125 MHz
 FM Simplex 433.0 - 435.0 & 445.0 - 447.0

BTW Echolink is operational in Lake City! 147.51 simplex
 More on this from **Bob, W4VD**

Columbia-ARS Website!
www.nf4cq.com



Minutes for the meeting of 2/15/200

The meeting opened with prayer and The Pledge of Allegence

Nineteen of the sixty two members on the roster were present.

OLD BUSINESS: Discussion of liability insurance and the need to maintain same prior to the next field day. This issue should be resolved by the next meeting

NEW BUSINESS: There was a general information statement mentioning an interesting article relative to recent ham fest could be found in Orlando Centennial. Survey forms were handed out to members, and discussion of the goal and purpose of the survey followed.

The floor was offered to the treasurer and the treasurer's report followed.

Colen Boutwell WA5RKR mentioned that training in D.C. Circuits would be offered at 7:00 PM on Mar. 22. License testing will be available Mar 8 at 7:00 PM.

Ed Locklear KF4CHG presented information relative to www.wxspots.com. There are on air classes about wx weather warn. Ed discussed ability to retrieve weather warnings on line. This system offers weather activity updates and damage status information in quick chat or instant message format.

Completed survey pages were collected. Secretary will tabulate and results will be made available as soon as possible.

Move to end meeting was made and seconded. The meeting adjourned.

Ed Locklear KF4CHG contributed excellent discussion relative to antenna construction

OPEN!

Contest Master!

Newsletter!



Colen Boutwell,
WA5RKR



Wes Jones,
KI4ZBO

Webmaster!



KI4WSW

Field Day Site



Richard Heston,
KE4BQI

Training/ARES Coordinator

Der Repeatermeister

Doug Baker, WB4VFT



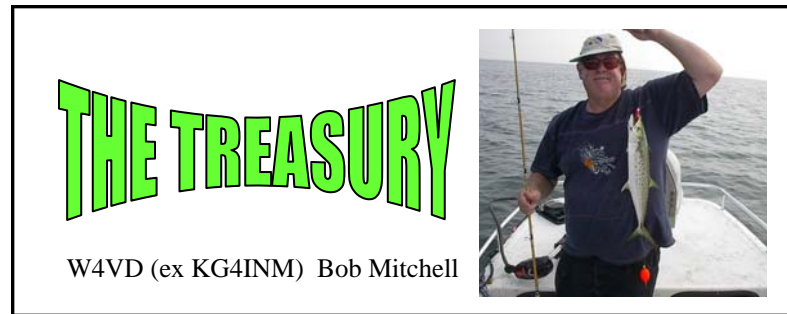
Repeater Trustee and
Chief License Examiner



CARS Volunteer Examiners

The following Club members met to administer tests on March 8, 2010.
Colen Boutwell, WA5RKR
Richard Heston, KE4BQI
Jerry Coutts, N4DST

We are happy to report that Zimmie Carl Petty was successful in passing the Technician element and will join the ranks of our club!

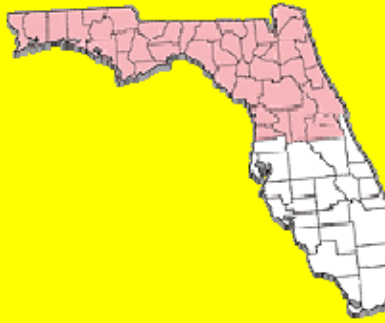


The Treasurer's Report

Mercantile Bank Statement for February 2010

Previous Balance	\$ 943.65
2/16/10, Deposit (Dues for 2010)	+60.00
2/3/10, Check 131 to ARRL for testing	-30.00
2/22/10, Check 132 to Colen Boutwell for mailings postage	-28.00
<hr/> New Balance	\$ 945.65

\$15 check #133 to ARRL for testing has not yet cleared. \$15 cash deposited 3/9/10.
73, Bob W4VD



ARRL

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**Columbia Amateur Radio Society
267 SE Fawn Gln
Lake City, FL 32025**

Jan 18' 2010
Feb 15
Mar 15 Next Meeting
Apr 19
May 17
June 21
July 19
Aug 16
Sept 20
Oct 18
Nov 15

Year End Banquet

Air Force finds way to reduce bird strikes



Lake City repeaters: 145.49 –600 kc no tone
146.94 –600 kc tone 123
444.90 +5 mhz no tone

www.columbia-ars.com