



# Tallahassee Amateur Radio Society January 8, 2009



The Tallahassee Amateur Radio Society meets at 7:00 p. m. on the first Thursday of every month. Our primary meeting location is the conference room on the upper floor of the Publix on Ocala Road in Tallahassee. Talk-in on the AE4S repeater 146.655 (down .600, tone 94.8), or 146.520 simplex if you require entry into the building

The Speaker for the January Program is Art Horovitch VE2AHH. Art will share some of his experiences during many decades of being a Ham

**HAPPY NEW  
YEARS EVERY ONE**

# There are no Minutes for December Due to the Holiday Party

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## Section News

**ALERT: Sat, January 3, 2009; 9:31 AM ET**

KI4HGO to replace KA4OBP as NFPN Net Manager. DHS revises NIMS. James Bishop W4CYF also an honored ham in the section.

**News last updated: Sat, January 3, 2009 at 9:28 AM ET**

Notification has just been received that James Bishop W4CYF, of Pensacola, has also been selected to be among the students in the initial ARRL Instructors class to be held at Orlando Hamcation. That makes a total of two selections within our section for this class, a very noteworthy honor. Congratulations James!

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Bill Sander KA4OBP has asked to be allowed to retire from his position as Net Manager of the Northern Florida Phone Net (NFPN). Bill has done a superb job of managing the net, especially during some pretty rough band conditions lately. Thank you, Bill, for all your hard work. You have earned your break; enjoy it!

Bill is being replaced by Dan Moniz KI4HGO of Tallahassee. If you have been checking into any nets at all, you have heard his callsign. He takes the reins of NFPN effective January 1, 2009. Dan has more than adequate credentials to do the job, and will do the best he can to follow Bill's footsteps.

Please join me in thanking Bill for a job well done, and please lend your full support to Dan in his new role. Congratulations Dan!

Ron Mettler WB4GHU

STM Northern Florida

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The ARRL staff of the Northern Florida Section would like to extend Season's Greetings to all amateurs and their families and hope you have a safe and happy Holiday Season.

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Congratulations to Ronald Mahn, KI5FR of Crestview, Fla. He was one of ten instructors chosen from the SE Division to attend the first training class for instructors being put on by the ARRL at the Orlando Hamcation in February 2009. This is a pilot course in developing new techniques for ham radio instructors and is funded by a grant.

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Attention Section Managers:

In response to a request by the FCC for members of the ARRL to provide technical assistance to their communities in accomplishing the conversion to DTV in February 2009, Section Managers are asked to recruit clubs and build a list of volunteer participating clubs by Christmas. The clubs may develop and implement their own plans to serve by providing information and help in their communities in the ways they think best fits their situation, but are not to make "house calls" or do actual installations.

Beginning early January, FCC staff will use the volunteer contact list information provided by the SMs to contact leaders of these volunteering clubs and, where possible, arrange to meet at mutually convenient times and locations for sharing information, A/V and printed materials and training aids in this effort.

We know the time is short and problematic, (not our choice) but your aid in this now will be appreciated.

**Details:**

The clubs and members of the ARRL have been asked by the FCC to aid in education efforts regarding the transition to digital television broadcasting and information on installing converters where they are needed.

Please contact the leaders of the clubs in your area as quickly as possible. Think about ways you could best present information helpful to others in your community. Each community is a little different, so your plans may vary. Make a list of groups willing to help out in some way during the period from early January to February 17 (or a little later for procrastinators).

FCC field staff will be asking Section Managers for the names and contact information of the volunteering groups. FCC staff will then make contact with them, learn their plans, and provide them with media, brochures or other materials your groups may need in this effort. They may even come and visit with larger groups to aid in implementation of the group's plans.

"I really appreciate the willingness of the ARRL to actively participate in helping Americans with the transition to DTV and your helpful suggestions. The DTV transition will be an historic moment in the evolution of TV. Broadcast television stations can offer viewers improved picture and sound quality and new programming choices. All-digital broadcasting also will allow us to significantly improve public safety communications and will usher in a new era of advanced wireless services such as the widespread deployment of wireless broadband.

As we discussed, our goal is to engage on a cooperative basis the amateur community to help with the DTV outreach and educate consumers on how to install a converter box and how to set it up. We also discussed the possibility of amateur groups providing technical advice by telephone to consumers who may encounter difficulty with the installation and setting up of their converter box. Any assistance that you can arrange through the ARRL Section Managers will greatly help in the efforts of the FCC to ensure a smooth transition to DTV on February 17, 2009."

- George Dillon, FCC

Using the news and PR outlets of the ARRL, wider announcement of this will be made once the SMs have this information. But announcements will go first to SMs and then later to clubs.

The FCC will provide participating groups with news releases, audio clips (mp3 files) and announcement templates for them to use in local media in preparation of the activities. FCC will also provide clubs with video, PowerPoint and similar visual materials about how to accomplish conversion installation.

Concerns & Ideas:

1. At no time should the hams enter someone else's home in this; nor should they broker or sell conversion boxes in any way.
2. Clubs can be encouraged to provide such things as call in phone help numbers for tech help, make presentations at meetings, demos at malls, talks to other groups – what works in their locations.
3. Merchants will be able to get additional publicity and might even let action take place at a store known to the community, and tag on the ability to sell converters to people who don't yet have one.
4. Local over-the-air broadcasters should be the most interested people in this activity, making it easier to get TV publicity about it.
5. There is not enough time left for QST, the national magazine. But there is precedent of getting the word out quickly to recruit clubs for a special need using only news and PR functions.
6. There is no budget to cover Amateurs' expenses.
7. The task is to provide technical information and aid. We are not being asked to be installers.

The FCC staff will provide us with information and materials.

8. Other NGOs are also being asked to help out in different ways.

Allen G Pitts, W1AGP

Media & PR Manager

ARRL - the national association for Amateur Radio

225 Main St. Newington CT 06111

(860) 594-0328

apitts@arrl.org

# TARS Treasurer's Report

January 2009

Beginning balance: December 1, 2008

Checking Account:	\$412.84
Savings Account:	<u>\$2593.42</u>
Total	\$3006.26

Receipts deposited in checking account:	\$ 15.00
Receipts deposited in savings account:	\$ 0.00

Receipts derived from the following:

\$ 15.00	Dues
<u>0.00</u>	50/50
\$15.00	Total

Expenditures:

\$100.00	Young Ham Award & TARS and Feathers Award, Steve Welsh
\$280.00	Talquin Electric to service the new tower

Outstanding Expenses:

None

Ending Balance, November 30, 2008

Checking Account:	\$ 47.84
Savings Account:	<u>\$2593.42</u>
Total	\$2641.26

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1 member renewed or joined since last report.

1	individual
0	family members
0	students

As of January 2009 dues are due. Dues for renewing individual, as well as family members is \$15.00. Membership fee for new members joining in January is also \$15.00.

# Congratulations to Local Hams Receiving Awards at Holiday Dinner

## Tallahassee Amateur Radio Society "TARS and Feathers Award" 2008

It is with great pleasure that I am presenting on behalf of the Tallahassee Amateur Radio Society the TARS and Feathers award to honor a member of our group and recognize their outstanding service to amateur radio.

Since the mid 70's, TARS has been presenting this award on a more or less annual basis -- recognizing superior accomplishment, which includes doing good deeds not only for TARS itself, but going beyond typical club functions and helping others advance in amateur radio.

Examples include:

- Inducting new operators into the Amateur Radio Service.
- Mentoring those individuals to pique their interest and maintain their proficiency.
- Work having significant impact on served agencies.
- Support of health, welfare, and emergency management communications.

The *TARS and Feathers* award goes beyond self-serving individual activities and seeks those persons that both advance the state of our radio art and embody "The Amateur's Code".

At this year's TARS holiday dinner, the 25<sup>th</sup> annual "TARS and Feathers" Award was presented to Alan B. Torledsky - W1ABT

Presented by Dan KI4HGO December 08, 2008

## The AE4S/R Group "New Ham of the Year Award" 2008

This is the fifth year the AE4S Repeater Group is presenting the award *New Ham of the Year*. It is intended to recognize the accomplishments of a newly licensed radio operator who demonstrates a true love for the hobby and the amateur service makes a contribution to the local ham community and has the potential for continued growth.

Two years ago, Bill Jordan (AE4S) and Jerry Kessler were so encouraged by the talent of many of our new hams they decided to create this award. But as with the past two years, the quality of the

individuals makes it difficult to decide among the likely candidates. However, in the end, they feel that one individual has not only progressed but has offered of himself to the local amateur community and must be recognized.

New Ham of the Year is Doug Bennight K4GKJ

Congratulations on a great job!  
Presented by Paul KJ4G December 8, 2008

**TARS**  
**"Young Ham of the Year Award"**  
**2008**

This is the second year; I am presenting a new award that is sponsored by TARS. The TARS Young Ham of the Year Award.

It is intended to recognize the accomplishments of a young newly licensed radio operator who demonstrates a true love for the hobby and the amateur service.

Jerry Kessler N4JL, Steve Welch AD4E have been so encouraged by the talent of many of our young new hams, we decided to act. But at the same token, the quality of the individuals made it difficult to decide. However, in the end, we feel that one individual has not only progressed but has offered of himself to the local amateur community and must be recognized.

This year's young ham is Moe KI4PZS

Presented on behalf of TARS by Dan KI4HGO

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**The Lunch Bunch at the Golden Corral**

**Please join us at the Golden Corral this Friday for lunch. We are expecting a special Guest, Bob Straughm WR4FSU (formally WN4IIV) will be visiting with us**

**Here is a list of items for sale from the ESTATE of KJ4OJI.  
Let me know if you are interested in anything.  
Art Horovitch VE2AHH**

From the estate of Benjamin "Buddy" Page, KG4OJI, who passed away about a year ago.

All items have been checked by me and their condition is as indicated.

I guarantee the item will be working at time of sale, unless otherwise specified. I cannot guarantee their continued operation after the sale. If an item is marked "AS IS", it means I was unable to determine whether the item is in working condition, due to lack of manual and/or required cables. It may also mean that the item was inoperable and may be useful only for parts. All prices are asking prices and are negotiable, except for the trailer, which carries a firm price.

I can be contacted at 603-491-1784

e-mail: [suzanandart@pocketmail.com](mailto:suzanandart@pocketmail.com)

1. Yaesu FT-747GX HF transceiver, with manual. This is a basic transceiver which covers all the HF bands and general coverage from 100 Khz to 30 Mhz. It has 20 memories which store frequency and mode.

Includes a 500 Hertz CW filter. It operates SSB, CW, AM and FM (requires a plug-in board which this unit does not have). Comes with MH-1B8 hand microphone. Output 100 watts. I have used this transceiver to make several local and DX contacts on both CW and SSB, with good reports. Several minor scratches on the case, but otherwise in good condition. I also have available the QST review of the transceiver.

They rate it as good value for the money without a lot of bells and whistles and easy to operate.

Price \$300

2. Astron RM-20 power supply. Continuous 20 amps. No manual. This is not a switching power supply. It uses a heavy duty transformer to generate the 13.8 volt fixed output. Includes front panel volt and current meters. Good working condition. Minor defect: the ammeter does not rest at zero, but slightly below. Consequently the ammeter reads slightly lower than it should during operation. Price quoted on a new unit at HRO is \$200. Price \$125

Note: price for both the transceiver and power supply as a package is \$400

3. Yaesu AT-130 automatic antenna tuner with manual, covering all HF bands This is an automatic tuner handling 150 watts maximum. Designed to work into a longwire antenna, and frequently used with the backstay on a sailboat. Weatherproof gaskets on the case and connectors for the coax input and control lines. Works with most Icom Marine transceivers, including the M710 transceiver. (Requires slight modification of the control line molex connector). May require resetting a menu item or an internal switch on Icom transceivers.

Other makes of transceivers may require a small interface board to operate properly. I have checked this unit by applying 12 volts input which causes the relay to close and the received signal increases in



my ICOM 706. I have not been able to get it tune with the 706, as it draws too much current from the transceiver tuner socket. AS IS. Price: offers

4. Kenwood TM-G707 dual band mobile transceiver. No manual. Does not receive two bands at one time, and may not work cross- band operation.

Output appears to be about 50 watts. Detachable front panel, but does not have the connecting cable or faceplate mounting bracket. Good working condition. I have used this transceiver on several of the local repeaters with good reports. Minor problem: I cannot set the tone for "encode" only. Price \$140.

5. Flexcharge NC25A-12 solar controller. Controls charging from solar panels and wind generators . Maximum input 25 amps. Output adjustable from 13.8 to 15 volts. With manual. Unit appears to be new and never installed. AS IS. Price \$30

5. Enclosed Utility trailer. Pace American "Rallye". Outside dimensions 9 ft longX 4 ft wideX 5.5 ft high. Cargo dimensions: 75"

longX 46" wideX 52" high. Aluminum walls and fiberglass roof. Single axle with Tires 5.3-12. Locking rear door and lighting. Good condition. Price \$500 FIRM.

6. AEA packet modem PAKRATT PK-232. No manual. Some cables provided, but may require modification for your radio. AS IS. Price \$30

7. Lafayette field strength meter, model TM-14 with detachable telescoping antenna. Good condition and does appear to be working for both HF and VHF signals.

Price \$10 SOLD

8. Telescoping mast. Green painted aluminum sections of 6.5 feet each with sleeve for interlocking sections. OD 2.5". Several sections have guy wire plates. 5 sections make up a mast of approximately 30 ft. Good condition. Price \$50

9. Sony World Band shortwave receiver, model ICF-7600G. Receives AM band, FM band and general coverage from 150 Khz to 29.999 Mhz. Also incorporates a BFO and fine tuning control, so you can easily copy CW and SSB. Includes a vinyl carrying case. Direct frequency entry by keypad and tuning by up/down buttons. (No rotary dial) Has 20 memories. Excellent condition physically and electrically. Operates on 4 AA cells or 6 volts AC adapter (not included). No manual, but operation is fairly intuitive. Includes Radio Shack roll-up antenna. Price \$75

10. Video Source Selector with RF modulator (channel 3 or 4). Lots of switches, audio and video jacks and DIN connectors. Includes small 110 volt power supply built in. Would make a nice enclosure for your next small project. No manual. AS IS. Price \$10

11. Nye Viking phone patch with several cables. No Manual. AS IS Price \$10

12. Tubes, 6V6, 6BQ6, 12AT7, 5U4, etc.

Most appear to be new in box and have been stored for a number of years. Approximately 50 tubes. I have no way of testing them. Contact me for complete list. AS IS

Price: \$1 per tube or \$25 for the entire set.

13. Antennas:

(A) Fiberglass whip antenna, about 8 ft long with internal radiating element. Appears to be marine antenna. With coax and PL-259 connector. AS IS Price \$5

(B) Larsen mag mount VHF/UHF antenna. In good working condition, with length of coax and PL-259 connector Price: \$15

(C) Military Collectors: roll up antenna AT-984A/G. Approximately 150 ft. of very flexible no. 18 stranded wire on a very smooth bobbin.

Comes with canvas case with belt hook for military belts. Price \$20. SOLD

(D) Auto radio-CB antenna with small tuning box. AS IS Price:\$5

14. Speaker- Mike. Kenwood KMC-8A, with belt clip. AS IS Price \$8

15. Icom M710 Marine transceiver with manual. Not functional due to corrosion. For parts only. Lots of nice relays, toroids, switches and a display. AS IS Price: \$10

16. Digital photo album on key ring with USB cable and rechargeable battery. Holds up to \$60 images. New in package. Price \$10

**17. Marine Items:**

(A) Blue Sea Power Distribution Panel with five 15 Amp breakers for 120 volts.

(B) Retail price \$150. A New in package

(B) Link 10 Battery monitor. Digital display of battery voltage , current, amp hours used and time remaining. New in package.

(c) Xintex S-2A Propane control system and fume detector, with two plug in detectors. Open valves using the keypad instead of the valves on the tank.

New in package.

Retail Price \$200

(D) Pair of Kraco Marine speakers. 4 ohms. Used

(E) Pair of Standard Marine speakers. 4 ohms, 30 watt RMS, 100 watts peak. With Mounting hardware. New

(F) Specialty concepts solar controller ASC 12/4A. With temperature compensation. Rated 12 volts at 4 amps Max.

(G) Clarion Marine AM/FM radio with CD changer. 4 speaker connections rated at 30 watts each.

I WILL ACCEPT ANY REASONABLE OFFER ON THESE MARINE ITEMS.

On 12/29/08, Art Horovitch <[suzanandart@gmail.com](mailto:suzanandart@gmail.com)> wrote:

>

**CQD, Jack Binns and the rescue at sea in 1909 Special Event 100th Anniversary Jan 22-24, 2009**



## **Commemoration NEWS**

The week-end of January 23rd 2009 and the summer of 2009 promise to be filled with events commemorating the first large scale rescue in open sea coordinated by wireless.

These events include:

- Special Event Stations
- Museum Exhibits
- Publications

Please [contact us](#) for further information and suggestions!

- **Special Event Stations**

*As of December 6, 2008*

Special Event Stations:

**Scunthorpe Steel Amateur Radio Club**, Scunthorpe, UK -

- GB5CQD
- Dates, times, and frequency details to be announced
- In charge: John Allen

**The Lizard Marconi Wireless Station**, The Lizard, Cornwall, UK -

- GB100MSC will be on air 22nd - 25th January 2009 80m-10m CW and SSB.
- In charge: David Barlow
- Website: [www.lizardwireless.org](http://www.lizardwireless.org)

**Chelmsford Amateur Radio Society**, Chelmsford, UK -

- GB0MWT for the whole of January & February, to operate from Sandford Mill, Marconi Hut
- Morse only for the 23rd & 24th Jan, 9am to 5pm GMT and on Sunday 25th 9am to 5pm GMT SSB and Morse
- In charge: John Bowen
- Website: [www.g0mwt.org.uk/](http://www.g0mwt.org.uk/)

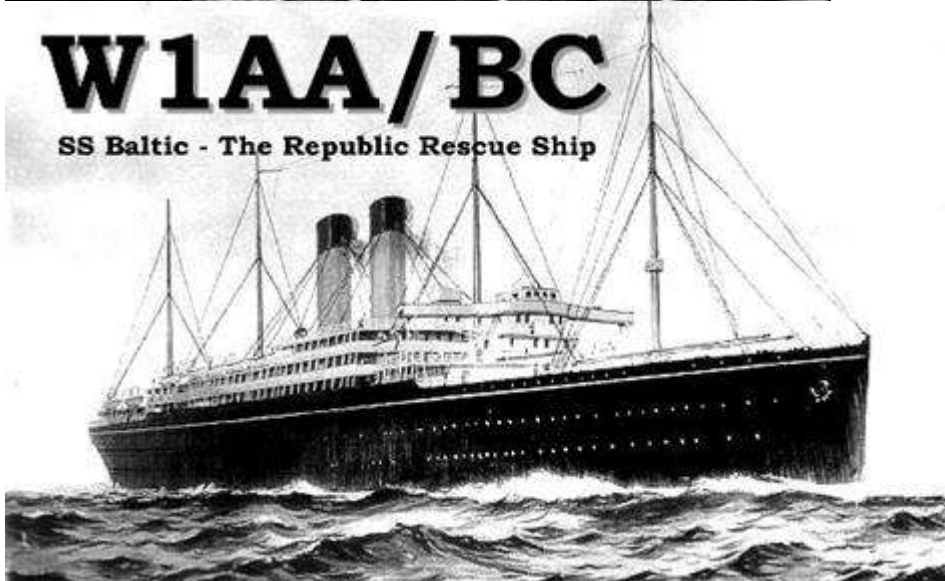
**The Marconi Radio Club W1AA of Massachusetts USA**

- will take part in the Jack Binns special event with two stations by representing SS Republic (Call sign MKC) as W1AA/MKC and SS Baltic (Callsign BC) as W1AA/BC. The two stations plan to be on the amateur bands on Jan 23 from 0001Z to 0400Z and on Jan 24th from 1200Z to 2000Z. . Both SSB and CW modes will be used.

Website: [www.anything-it.biz/roass/roars.html](http://www.anything-it.biz/roass/roars.html)

- <http://earlyradiohistory.us/CQD.htm>
- <http://earlyradiohistory.us/1909rep.htm>

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The Marconi Radio Club W1AA of Massachusetts USA will take part in the Jack Binns special event with two stations by representing SS Republic (Call sign MKC) as W1AA/MKC and SS Baltic (Call sign BC) as W1AA/BC. The two stations plan to be on the amateur bands on Jan 23 from 0001Z to 0400Z and on Jan 24th from 1200Z to 2000Z. . Both SSB and CW modes will be used.

Watch the DX Summit <http://www.dxsummit.fi/DxSpots.aspx?count=50&range=2> for W1AA/MKC and W1AA/BC spots.

Special one of a kind photo QSL cards have been created for each call for the event. A special event certificate is also available for working both stations W1AA/MKC and W1AA/BC. Mixed modes is OK.

QSL card information for stateside is via W1AA in QRZ.COM with an S.A.S.E. Regular sized envelope is OK for QSL cards. DX QSLs are via the W1 bureau.

A certificate is available. If stateside stations work both the W1AA/MKC and W1AA/BC stations and wish a certificate please send a large 8 1/2 x 11 inch envelope with \$1.50 in stamps on the envelope for stateside return only. Certificates for DX stations via W1AA DIRECT via QRZ.COM address with a large envelope 8 1/2 x 11 inch envelope and sufficient USA postage for 2 oz of mail to return to their country.

This will be a great event. Please take the time to tune the bands and work us.

Bob "Whitey" Doherty K1VV  
President Marconi Radio Club W1AA  
Email: [k1vv@comcast.net](mailto:k1vv@comcast.net)

## The Amateur Radio Code

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### 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.

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## Local Net News:

**Sportsman's Paradise Amateur Radio Club** meetings are every 3rd Thursday of each month at the Wakulla County Emergency Management Facility (Sheriff's Department) at 7:30pm. **Wednesday Night Net Meeting 2000 Hours 146.550 MHz Simplex. Repeater:145.45 tone:94.8**

**Thomasville Amateur Radio Club:** This net meets every **THURSDAY** night at **8:00pm** on **145.17MHZ** Duplex. Club meetings on the first Saturday of each month at the Plaza Restaurant at 7:30pm. **Temporarily now using 145.17MHZ Duplex - tone 141.3**

**Capital District ARES Net:** Every Sunday, 8:00 p. m. Eastern on the AE4S repeater 146.655 (tone 94.8)

**The Big Bend Hamster Net:** This net meets on Tuesday nights at 7:30pm Eastern on the AE4S repeater 146.655 (tone 94.8). Call 574-7965 for more detail information.

**Morse Code Practice Net:** This net meets Monday through Friday on 28.180 (cw) at approximately 8pm or at the conclusion of the North Florida Phone Traffic Net.

**The "Winlink Conference":** This net is held every Wednesday evening starting around 8PM. This is moderated by Al, W3YVQ, out of Baltimore, Md. Hams can connect direct to "Fred's happy serve" on node #129799, or tune into 443.400 UHF repeater to participate. This is a loosely directed net and pertains solely about digital communications. Regulars check in from around the USA and discuss all issues of Em Comms using digital equipment. It's mostly a technical group. A large amount of the success of the TLH DIGITAL GROUP comes from the elmering from this group. This net can be lengthy in time, sometimes lasting up to 3 hours.

**Other nets** are listed on the K4TLH website. All the new ham radio operators are welcomed to use the repeaters and join in on the nets.

# New Membership or Renewal Form



2009 has arrived and so has TARS membership renewal. Make the form easy on yourself. If you have not changed any information from last year, merely make payment to TARS. Complete the form with your name and indicate your member type and ARRL membership status. For Family status, complete a form for each member.

Name: \_\_\_\_\_ Callsign: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_-

Member type: Indiv. \_\_\_\_\_ Family \_\_\_\_\_ Student \_\_\_\_\_ (check one)

Home Phone ( ) \_\_\_\_\_-\_\_\_\_\_ Work Phone: ( ) \_\_\_\_\_-

Cell Phone ( ) \_\_\_\_\_-

E-Mail Address: \_\_\_\_\_

ARRL member (y/n) \_\_\_\_\_ TARS Van trained (y/n) \_\_\_\_\_

Membership dues for the Tallahassee Amateur Radio Society run \$15 annually per individual or family. **Students** (with valid ID) **can join for free!** You need not be a licensed amateur radio operator to join the Society. An interest in radio communications is all that is required. New members pay pro-rata based on the number of months remaining in the calendar year (\$1.25 per month). Renewing members pay \$15 dues; except after July, dues become \$7.50.

Please make your dues check payable to the Tallahassee Amateur Radio Society (or TARS). Bring your check with the additional information to the next monthly meeting of the Society and give it to the Treasurer, or mail your check and information to the Tallahassee Amateur Radio Society, C/O Treasurer, P. O. Box 37127, Tallahassee, FL, 32315.

If you are interested in becoming a member of the American Radio Relay League (ARRL), their dues are \$39 annually. TARS is an ARRL sanctioned organization. Go to <http://www.arrl.org/join.html> for more membership information.



# TARS Officers

President: Dan Moniz - KI4HGO  
Vice President: Alan B. Torledsky - W1ABT  
Secretary: Chantal Blanton - KI4NBU  
Treasurer: Larry Pushor - KI4MAJ

## TARS Committees:

Repeater Trustee #1: Randy Pierce AG4UU  
Repeater Trustee #2: Vacant  
Newsletter Editor: Dan Moniz KI4HGO  
Historian: Shawn Wilson AG4VE  
Equipment Manager: Carlton Wells AG4UT  
Education: Phil Ashler N4IPH  
Special Events: Carliane Johnson KG4CJT  
Webmaster: David A. Heupel WE4RA

## Upcoming Events:

**TARS Meetings:** Every first Thursday of the month at 7:00 p.m. EDT at Publix at Ocala Rd.  
Friday Lunch 11:30 a. m. EDT at Golden Coral on No. Monroe St.  
Capital District ARES Net: Every Sunday, 8:00 p. m. Eastern on the AE4S repeater 146.655).  
North Florida ARES Net: Every morning, except Sunday on 3950 KHz at 9:00 a. m. Eastern

## EDITORIAL POLICY

Submitted material received by the editor on or before the 20<sup>th</sup> of the month will appear in the following month's newsletter as space permits. Comments and/or suggestions to improve the newsletter are welcomed. The Printed Circuit is not representative of the views or opinions of the whole organization, and such views and opinions are of the individual author(s). The editor is Dan Moniz KI4HGO. Submissions for The Printed Circuit may be emailed to: [KI4HGO@arrl.net](mailto:KI4HGO@arrl.net)

