



Tallahassee Amateur Radio Society

June 5, 2008



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 June Program is Roger Madden AJ4GF. Roger will present the second half of the May program. Don't miss this one, Roger is considered an expert on FCC Part 97

This month's TARS meeting will be one of the busiest and most exciting meeting of the year. Roger, AJ4GF will present the second part of his program. The election of officers will be conducted, and nominations will be accepted from the floor. Field day preparations will be discussed and finalized. If you are interested in participating in field day exercise, please attend the meeting so we can get an accurate headcount for the cookout.

73,
Dan KI4HGO

Congratulations to Paul Eakin (KJ4G) newly elected Section Manager of the Northern Florida Section. We all are expecting good things for the Northern Florida Section in the coming years.

Minutes of the May TARS Membership Meeting
TARS - Tallahassee Amateur Radio Society
Thursday, May 1, 2008

The TARS May Meeting was held at Publix on Ocala Rd. on Thursday, May 1, 2008.

CALL to ORDER at 7:00 p.m.

President Dan Moniz KI4HGO welcomed the 38 members and guests who signed in for this "May Day" meeting.

* The sheet listing those in attendance is made a part of these minutes.

INTRODUCTION of GUESTS

Visitor Alan Fitzsimmons W4AWF from Donalsonville received a warm greeting, as did new Technician Richard Rodriguez KJ4DCZ who expects to be a General with a new call sign before the June meeting. Nick W4EAF introduced the evening's speaker, Roger Madden AJ4GF, outlining his illustrious career and extensive contributions to amateur radio.

PROGRAM

Roger Madden AJ4GF gave a presentation on the "History of Land Mobile Radio." He showed the first part of a video by engineer Stuart Meyer W2HGK (1918-1994) who promoted DX radio communications and led research on trunked radio systems for land mobile radio, a predecessor to modern cell phone systems. The very interesting video brought back memories for many attendees, showing radio equipment used in the post WWII era. The remainder of the video will be shown at a future meeting.

BREAK...with gratitude to the many members who contributed so generously to 50-50.

OFFICERS' REPORTS

TREASURER'S REPORT

Larry KI4MAJ read his report, which was included in the May Newsletter, and the Treasurer's Report was approved.

* A copy of the Treasurer's Report is made a part of these Minutes.

MINUTES

The April Minutes were printed in the Newsletter, and approved.

COMMITTEE REPORTS

Nick W4EAF reported on behalf of the Nominating Committee consisting of Nick, Dave AI4GF, and Chuck AI4KA. Nick said members would feel either extreme joy or doom because the current officers accepted to continue serving and no other nominations were received. Further nominations may be made from the floor at the election in June. Nick asked members who wish to step forward

for any position to notify a Nominating Committee member in advance by email. Nick distributed a handout with the initial slate of candidates:

President: Dan Moniz KI4HGO

Vice President: Alan Torledsky W1ABT

Treasurer: Larry Pushor KI4MAJ*

Secretary: Chantal Blanton KI4NBU

* Equipment Custodian: Steve Welsh, AD4E, to assist the Treasurer

Testing -

Alan Terrell N4KGT announced the next test session will take place the first Tuesday in June.

Details are on the K4TLH website.

Education - No report.

Repeater -

A question arose about naming a second Repeater Trustee. Doug KD4MOJ has filled the #2 position on an informal basis. There was no motion on the subject.

Website - No news.

Newsletter -

Dan KI4HGO said the May Newsletter was sent out to all members. If new members or anyone else did not receive an electronic copy, please email Dan at ki4hgo@arrl.net

UNFINISHED BUSINESS

Radio Reunion 2009 -

Dan said TARC President Mike KE4FGF had reassured him that sufficient donations were received to offset costs of the 2008 Radio Reunion, so TARS was not asked to make the contribution proposed at the April meeting. Planning is underway for the 2009 event, with TARS and SPARC to host jointly.

Mike KI4KWC said his church, St. Francis of Assisi Episcopal Church on Old Bainbridge off Fred George Rd., would be available if TARS would leave it clean afterwards. Capacity is approximately 125 people. It is also a potential site for Emcomm classes, with a small monthly fee to offset utilities costs. Dan suggested TARS form a Committee for the Radio Reunion (pending for a future meeting.)

Bill KI4JOG offered to check on availability of a friend's large smoker.

NEW BUSINESS

Senior Center

Dan received an email requesting a presentation on Amateur Radio at the Senior Adventure Center for the 1st Thursday in July. Volunteers are asked to contact Dan for details.

July Meeting Date

There was discussion to move the July 3 meeting to July 10, to avoid conflict with the Independence Day holiday. Pending decision.

Youth

Mike KI4KWC has volunteered to chair an effort to get young people involved in amateur radio. Interested members are asked to contact Mike for details.

Field Day 2008

Dan asked for volunteers for Field Day Coordinator. There being none, Dan appointed Larry KI4MAJ, saying Steve AD4E and Ken AC4TO would assist with notes from the 2007 event. There was general agreement that Larry would find Field Day easy, compared to his long experience "herding cats" at bike events. Bobby KD4QKI volunteered to cook again, which brought a round of applause.

ANNOUNCEMENT

David KG4YZI announced the Plane Marshaling class will be this Saturday, May 3 at 9 a.m. at the old Airport. The EAA is buying lunch for participants afterwards.

ADJOURNMENT

The meeting closed at 9:00 p.m.

Respectfully submitted,
Chantal Blanton, KI4NBU

TARS Treasurer's Report

June 2008

Beginning balance: May 1, 2008

Checking Account:	\$743.84
Savings Account:	<u>\$3191.02</u>
Total	\$3934.86

Receipts deposited in checking account: \$130.00

Receipts deposited in savings account: \$ 0.00

Receipts derived from the following:

\$ 115.00	Dues
0.00	TARS Auction
0.00	Donations
15.00	50/50
<u>0.00</u>	Bank Account Interest
\$130.00	Total

Expenditures:

\$73.13	Tommy T's, Van Brake Repair
<u>61.25</u>	Kent Hutchinson, Corporation 2007 Filing Fee, Dept of State
\$134.38	

Outstanding Expenses:

None

Ending Balance, May 31, 2008

Checking Account:	\$739.46
Savings Account:	<u>\$3191.02</u>
Total	\$3930.48

8 members renewed or joined since last report.

6	individuals
2	family members
0	students

Annual Dues for 2008 are due: \$15.00 for individual membership as well as family.
Membership fee for new members joining in June is \$8.75.

The election of Officers for the Tallahassee Amateur Radio Society will be held at the annual meeting in June. The nominating committee shall report an initial slate of candidates at the May meeting, to be voted on at the "Annual Members Meeting June 5th" for the following slate of Officers:

President _____
Vice-President _____
Secretary _____
Treasurer _____

If you are interested in nominating someone or being nominated for one of these offices, please fill in the appropriate line(s) and send this e-mail to the Nominating Committee:

Dave AI4GF ai4gf@arrl.net
Nick W4EAF w4eaf@arrl.net
Chuck AI4KA ai4ka@arrl.net

By April 30th . Nominations will be taken from the floor at the June 5th Annual Meeting. **All candidates must have their dues current by the June 5th Annual Meeting.**

[From the by-laws:](#)

Section 1.03. Voting. Each member shall be entitled to one vote. However, no member shall be entitled to vote if that member has not paid, up to date, the dues of his membership.

Section 5.01 Nomination Committee. At the April meeting the President shall appoint a committee to make nominations for society officers. The committee shall report an initial slate of candidates at the May regular meeting.

Section 5.02 Nominations from Floor. Any member may make nominations from the floor at the annual meeting.

Section 6.03. Election. ...At the first annual meeting of the members, and at each annual meeting there after, the member shall elect directors to hold office until the next succeeding annual meeting. Each Director shall hold office for the term for which he is elected ... and until his successor shall be elected and qualified.

Section 7.02. Term of Office. Their term of office shall begin on July 1 and end on June 30 of the following year. Election shall be by a majority of members present and voting.

Section 7.05. The President. The President shall preside at all meetings of this society and shall conduct the meetings according to the rules adopted. He shall enforce due observance of these articles and the bylaws, decide all questions of order, sign all official documents that are adopted by the society, and perform all customary duties Pertaining to the office of president.

Section 7.06. The Vice-President. The Vice-President shall assume all the duties of the President in the absence of the latter. The Vice-President is responsible for the program at regular meetings.

Section 7.07. The Secretary. The Secretary shall keep a record of the proceeding of all meetings, submit applications for membership, carry on all the correspondence, and mail written notices to each member.

Section 7.08. The Treasurer. The Treasurer shall keep an accurate account of all monies received and expended. He shall pay no bills without proper authorization as provided in Article VIII. At the end of each fiscal year, he shall submit an itemized statement of disbursements and receipts to the general membership. He shall be responsible for all society property and at the expiration of his term of office shall turn over all items belonging to the society to his successor. The Treasurer shall maintain a current roll of all members.

Hope to see all of you at the June 5th Annual Meeting.

TARC Member is new NFL Section Manager

Paul Eakin, KJ4G, a current TARC member was elected Section Manager of the North Florida Section in May. He will take office on July 1st, 2008. He replaces long time SM Rudy Hubbard, WA4PUP, who has decided to retire. Congratulations and good luck to Paul as he takes on this new position.

SEDAN Information

Art w1fji

The following is a very brief overview of the SEDAN Packet Radio Network here in Tallahassee. The prime purpose of the SEDAN Packet Radio Network is emergency communications.

For those who aren't familiar with SEDAN, SEDAN is a state wide packet radio emergency communications network and is one more communication tool that is available for use during emergencies.

Here in the Tallahassee LAN there are two SEDAN NODES. The main node is (TLH), and the secondary node is (TALLY). In the Quincy area, the Packet node there is (QCY), and just to the west is the (TLW) Packet node. To the east are the MONTICELLO (MONT) and MADISON (MADSN) Packet Nodes. QCY, TLW, MONT and MADSN nodes are basically one hop away from the TLH node.

Without getting into the technical aspects of the protocol I'll just say that it uses AX.25 protocol with error checking, which is an important feature of Packet Radio. On two meters, it operates at a speed of 1200 baud, but much higher speeds can be used on 220mhz, 70cm's and on 1296mhz. As an example, on 220 mhz, 9600 baud would be common for use as a backbone frequency. On SEDAN, no store and forwarding BBS's are allowed, and digipeaters are used to transfer messages through the system.

Direct connects from one station to another in the same LAN can be made by connecting via or through the local node. Standard voice repeaters can also be used as a LAN which also increases packet through put. Although there are no Gateways or wormholes in our area, these would, at higher speeds, again increase packet through put. On the HF side, store and forwarding BBS's use slower speeds such as 300 baud. Basically it is due to band width. The higher you go in MHZ, the more band width, thus the higher the speed.

There are a few local agencies that have SEDAN Packet stations on the air. The State EOC, Red Cross, and National Weather Service. All of which support local mail boxes with-in their TNC's.

Other stations are W4GCW (node owner / operator of TLH and (QCY), as well as the TALLY node. As mentioned earlier, there is also a node owned / operated by Bill KG4LFT which is (TLW). Additional stations on the local SEDAN Packet frequency are, W4GCW, W1AAO, W1ABT and W1FJI all with local mail boxes. I might add that W4GCW is the main local SEDAN Packet mailbox in the Tallahassee LAN.

It doesn't take much to get on packet these days, most any kind of TNC, or some other sound card interface will do. In my case I use a Buxcomm Rascal interface which goes for about 50 or 60 bucks built n' tested, with a cable for my two meter radio, and for software I use Winpack which contains a mailbox function. Those using TNC's are either using KPC or MFJ, along with some type of terminal program.

As an example I use a Buxcomm interface, ooops didn't I just say that, into an Alinco 50 watt radio. The other side of the interface goes into the PC serial port and my PC sound card. With the Buxcomm and other interfaces that are on the market you can also do PSK31, RTTY as well as other popular digital modes.

If you are interested in knowing more about the SEDAN Packet Radio Network visit the web site at, <http://www.fla-sedan.com>

73's Art W1FJI

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.

CAPITAL DISTRICT EMERGENCY COORDINATOR'S MESSAGE FOR JUNE 2008

June brings the official start of the 2008 hurricane season. It runs until November. Typically, we see some small storms develop in the Gulf of Mexico in June. Nothing then usually happens in July and about halfway through August. From then until the first part of October, we see the most serious threat from Hurricanes. This year, according to the National Weather Service will likely be a slightly above average year.

Preparation, of course, provides the key to survival during a hurricane. Your first priorities are the safety of yourself, your family and your property. Once those are out of harm's way, you may want to consider volunteering your amateur radio skills to the recovery effort. To be of most help you should have your "Jump Kit" ready. The k4tlh.net web page lists the items that should go into this kit.

You should make sure your radios are programmed with the latest settings for all the local repeaters, that you know how to use your radio, and that you have one or more antennas ready for deployment. Emergency power sources, such as batteries and generators, should be checked and/or tested. Connectors and coax should be checked for continuity and corrosion. In the Capital District, we are encouraging all operators to use the Anderson Power Poles. By doing so, we can increase the interoperability of our operators. If you need some of these power connectors, contact Dan, KI4HGO, or myself. Through a generous gift of Ray, K5FKT, we have several dozen power poles and a crimper, so we can put them on your radios. Likewise, make sure that you have coax adapters. Converting your SMA or BNC connectors to an SO 239 is always useful.

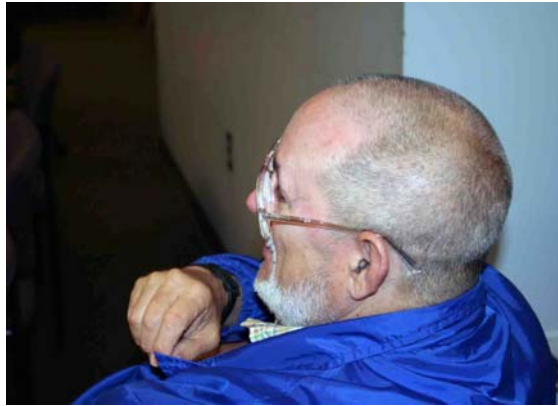
The most important item to check, however, is yourself. You should be ready. If you have medical limitations you will want to make sure you do not run the risk of putting yourself in danger if you volunteer. If you help you will live and work in a hot, humid environment for long hours, and deal with people who are panicked, short tempered, and worried.

You should know how your radios work and how they are programmed. Before a storm hits read and become familiar with your county and the District emergency plans. As important you should become familiar with the frequencies and repeaters we regularly use. This is especially true for HF, which varies by the year, season, day, and hour. Two meters can also show extensive variation depending on the time of day. Check into the Sunday night nets and participate in the 4th Sunday exercises. This month we will be testing the little used two meter repeaters in the Capital District.

As you become better prepared, you will find that your confidence in yourself, your equipment, and your amateur radio capabilities will increase. Readiness generally is the product of slow, steady, and persistent effort. During the past year we had made great strides to become better prepared and to maintain our proficiency. I am very proud of what we have done, and without hesitation I say that the amateur radios operators in the Capital District are as prepared for the future as any other group in Florida or the nation.

73,
Dave
WA4WES
Capital District Emergency Coordinator

SPARC Meeting



AIRFEST 2008





Equipment For Sale

Larry Hauser, AL7NS has a Yaesu HF station needing a new home. He has:

FT-1000MP MK V Field with the MD-100 desk mike and a hand mike - \$1350

Quadra VL-1000 Matching Amp - \$3,300

Matched SP-8 external speaker with LL-7 phone patch - \$160.00

This equipment is in factory new condition with no modifications. The Amp has only been used to make 5 contacts. For more information or to purchase, Larry can be contacted by email at larry1963@bellsouth.net

Reflections on Radio Daddies and the "other FD"

A couple of years back, I did a back page that I titled "The Other FD," reminding us that in addition to Field Day, we also have Father's Day happening earlier in the month of June. That time is approaching again, and as I look out over the crowd at our meetings each month, I'm reminded that we have a lot of fathers, both real and surrogate, in the group.

At a fish fry a few years back, Theo Titus brought an antenna that was the subject of a cute story from his past involving Billy Joe Lewis. It seems that 18 year old Theo had just painted his car, and decided that rather than have a dingy antenna, he'd paint it too...with *metallic* silver paint. When the radio suddenly wouldn't work, due to high SWR, it was cause for a frantic call to Billy Joe about what had happened. In that animated recollection between the two, one of them used the term "Radio Daddy." Not discarding the term "Elmer" here, but I like the closer connotation of the other term.

If you look back at some of the pictures from the 50 odd year history of TARC, you'll see some of those "Radio Daddies" in action helping, and in some cases maybe "be-deviling" their young protégés (all in good fun of course). I recall at my first Field Day, one of the older hams, whose callsign phonetics had something to do with "smashing Yaesus" had one of the teenagers thinking he had some exotic DX on 2 meter simplex...callsign given was PHONEY (good thing no OO was listening!)

My first good memory of Ham Radio was right after I stepped out of the test room at the Albany Hamfest. I bumped into Jimmy, WR4Z, and showed him my shiny new CSCE before asking him the faithful question "where do I go from here?" By the time he was through, I had my first radio, and a new repeater book to tell me what to put in it. He also began spreading the word among his favorite vendors that I was the "Mayor of Coolidge." He did this with enough of a deadpan look that after those same vendors got to know me better over the years, one actually asked me if I really was the Mayor...

Jimmy also had his grandson Michael along for that hamfest, and Michael started another tradition...picking out a certain restaurant to eat at after leaving the hamfest, something we now do at pretty much any hamfest we go to. Michael's choice...PIZZA! A couple of years later we all met at the same hamfest and I lost Jimmy and Michael in the crowd. As I was perusing some gear at one of the tables, I felt a small hand slip into mine, and looking around...there's Michael, looking really relieved to find a familiar face after losing Jimmy in the crowd. I don't think he ever got a license, so I can't claim having played Radio Daddy there, but Michael, if your granddad shows you this...I do miss the after "fest" pizza parties...

We all watched a few years back when Joe, W4EAN, hopped on board with the Jefferson Hamsters, and started becoming Radio Daddy to a bunch of enthusiastic kids. I've got pictures from their newspaper showing him teaching them Morse code, and also, according to Jordan, "a lot about WWII."

Field Day has also been the place for good "elmering" sessions over the years. I've witnessed Radio Daddies in action, as well as seen pictures from exercises long ago where Billy Joe and Ken Lanter were standing back, coaching some young fellows while they were out on Dog Island. I also remember seeing your newsletter editor coaching a certain "Judge" from the area, who was sporting headgear resembling something from the French Foreign Legion. There's also a story floating around about one "RD" who stayed up past midnight one Christmas Eve and delivered a new tower to a 10 year old ham because his parents didn't have a place to hide it until "Santa" could deliver it.

So, when June 15th rolls around, by all means be sure to honor your real father, but don't forget those other "Radio Daddies" in your past. They played a big part in your upbringing too...

de KE4FGF

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 AI, 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



2007 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 20th 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

