

The Printed Circuit

The Monthly Publication of the
Tallahassee Amateur Radio Society

June 2022



TALLAHASSEE
AMATEUR
RADIO
SOCIETY

K4TLH
.NET

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K4TLH

P.O. Box 37127
Tallahassee, FL 32315



TALLAHASSEE AMATEUR
RADIO SOCIETY

TARS Officers

- President Alan Terrell N4KGT
- Vice President Phil Ashler N4IPH
- Secretary Todd Clark KN4FCC
- Treasurer Doug Ferrell KD4MOJ
- Member at Large Don Pace KK4SIH

Committees

| | | |
|---------------------|--------------|-------|
| Repeater Trustee #1 | Randy Pierce | AG4UU |
|---------------------|--------------|-------|

| | | |
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| Repeter Trustee #2 | Doug Ferrell | KD4MOJ |
|--------------------|--------------|--------|

| | | |
|----------------------|-------------|-------|
| Education & Training | Phil Ashler | N4IPH |
|----------------------|-------------|-------|

| | | |
|-------------------|--------|--|
| Equipment Manager | Vacant | |
|-------------------|--------|--|

| | | |
|-------------------|--------------|-------|
| Newsletter Editor | Paul Eugenio | K00KE |
|-------------------|--------------|-------|

| | | |
|---------|--------------|-------|
| Testing | Norm Scholer | K4GFD |
|---------|--------------|-------|

| | | |
|----------------------------|------------|-------|
| Public Information Officer | Jason Ford | W4JMF |
|----------------------------|------------|-------|

| | | |
|------------------------------------------|--|--|
| Webmaster, Web Content, and Social Media | | |
|------------------------------------------|--|--|

| | | |
|----------------------|----------|--------|
| Server Administrator | Don Pace | KK4SIH |
|----------------------|----------|--------|

MINUTES of the June 2022 TARS Meeting
7PM on June 2, 2022
American Red Cross Building, Tallahassee, FL

Attending the Meeting:

Doug, KD4MOJ
Don, KK4SIH
Chief, KA5USN
Norm, K4GFD
Todd, KN4FCC
Stan, K4SBZ
Alan, N4KGT
Don, WB4FSU
Monroe, WB4DMM
Adrienne, KO4UMY
Dave, KB4TB
Terry, KI4MWI
Phil, N4IPH
Theo, K4MVL

Brian, AI4AI
Jerry, N4JL
Houghton
Nick, W4EAF
Bill, WW4WA
Paul, KO4GQZ
Paul, K0OKE
Steve, AD4E
Tom, K4TB
Gerald, KG4BLL
Keith, K4KRV
Bob, NT4B
Chuck, AI4KA
Tony, KO4TDF

Alan, N4KGT called the meeting to order at 7pm and led the club in the Pledge of Allegiance.

Approval of the Minutes -- no objections to the meeting minutes. The meeting minutes were approved with no objections.

Visitors: Houston Salter (first meeting since the 1980s), Paul Johnston, KO4GQZ.

Program

Preparations for Field Day, 2022: Jerry (N4JL), stated that we will host Field Day on the fourth weekend in June from 2pm Saturday to 2pm Sunday. ARRL has a letter / public announcement on what Field Day is. Jerry read from the ARRL announcement. Clubs operate from remote locations. You may also operate from your home location and a rule change allows individuals to operate from home and have their points count as part of the club's total. Our club's name is "Tallahassee ARS." Field Day is meant to be fun, not really a radio contest. We will use electronic logging tools. Idea is to practice emergency response capabilities. It is a chance to learn new things – even if it is just filling out the electronic logs.

New rules for 2022 include: output power limited to 100W (multiplier is x2). At 5W you can get a multiplier of (x5). Limited to HF bands (80m to 10m). 20m and 40m will probably be our "mainstays" for this summer. We will begin set up on late Friday (June 24) for the CW station. The plan is to set up the phone station on Saturday (June 25). We will operate between 2pm Saturday to 2pm Sunday (24 hours). In the past we have had a GOTA station, not sure if we will have one this year. Bonus points if you are 100% emergency power. 100 points for obtaining publicity from the local media or social media. Adriane volunteered to be the PIO for Field Day. 100 points for public location. Public Information table will get bonus points. Signage gets bonus points. Originate a message to the Section Manager. Bonus for satellite QSOs. Tom (K4TB) will bring satellite antenna. Copying the ARRL CW bulletin. Bonus for educational activities. Bonus points for site visit by an elected government official. Site visit from a local agency. Bonus for youth (18 or less) participation. Bonus for a safety officer; Don (KK4SIH) will be the club's safety officer.

We are also planning a cookout on Saturday night. We will have hotdogs and hamburgers as the main entrees. Budget is \$637. We will need to buy 40 gallons of diesel fuel for the generator. Gerry (KA6POZ) will help with the food purchases and delivery. We will need grounding rods. Chief (KA5USN) will advertise on the app "neighbor next door". Data stations captained by Stan and by Don (KK4SIH). We have a need for tables and chairs at the site. Bring your own chairs.

Business Meeting:

Treasurer's Report: Doug, KD4MOJ, stated that report was published in newsletter, 2 members (one new, one renewal). \$9,238.99 in all accounts as of the end of May 2022. There was a recommendation to move some funds from checking into savings.

Education: Phil, N4IPH – Phil said not much interest in a class. He spoke with a teacher at McClay, we may have some students at field day. We may have enough of an interested group for a class sometime in the fall 2022. Phil will have some handouts and information at the Field Day event.

Testing: Norm, K4GFD testing at Field Day at 10AM at the ARC. No pre-registration required. We should have about 4 participants, maybe more.

Repeaters: Norm reported that a new battery installed at the 146.910 MHz repeater with a new power supply, all is working well. DMR is local only right now. Working a getting a new C-bridge for DMR to connect more broadly.

Old Business:

None.

New Business:

None.

Meeting was adjourned at 2022 hours local time.

TARS Treasurer's Report for June 2022

Submitted by Doug Ferrell, KD4MOJ, Treasurer

| | <u>for period</u> <u>for period</u> | <u>year-to-date</u> <u>year-to-date</u> |
|----------------------------------------------------|----------------------------------------|--------------------------------------------|
| | 24-Jun-22 | 1-Jan-22 |
| <u>Beginning Balances:</u> | | |
| Cash on hand | \$ 104.00 | \$ 33.00 |
| Checking Account: | \$ 6,128.98 | \$ 5,224.09 |
| Savings Account: | \$ 3,105.01 | \$ 3,104.62 |
| Total: | \$ 9,337.99 | \$ 8,361.71 |
| <u>Summary of Month's Activity:</u> | | |
| Total Receipts: | \$ 50.85 | \$ 1,254.27 |
| Total Expenditures: | \$ 175.00 | \$ 473.14 |
| <u>Receipts Derived From:</u> | | |
| Members Dues: | \$ - | \$ 685.00 |
| Fifty/Fifty* | \$ 23.00 | \$ 164.00 |
| Donation | | \$ 320.00 |
| Red Cross Donation | \$ - | \$ - |
| 2022 Holiday Picnic | \$ - | \$ - |
| Veteran's Radio Fund | \$ - | \$ - |
| Field Day Radio Fund | \$ - | \$ - |
| Interest (Savings) | \$ - | \$ 0.39 |
| smile.amazon.com | \$ 27.85 | \$ 64.88 |
| Equipment sales | \$ - | \$ 20.00 |
| Total | \$ 50.85 | \$ 1,254.27 |
| <u>Expenditures:</u> | | |
| American Red Cross: | \$ - | \$ - |
| Fifty-Fifty | \$ - | \$ - |
| ARRL Insurance | \$ - | \$ - |
| Spagetti 100 - TARC | \$ - | \$ - |
| TARS & Feathers Plaque | \$ - | \$ - |
| Storage & Supplies | \$ - | \$ - |
| Field Day | \$ 175.00 | \$ 175.00 |
| VE Expenses * | \$ - | \$ 32.89 |
| Tower/Repeater Maintenance AG4UU | \$ - | \$ - |
| Florida Dept of State | \$ - | \$ 61.25 |
| Post Office Box: | \$ - | \$ 204.00 |
| Misc. 2022 Holiday Lunch | \$ - | \$ - |
| Total: | \$ 175.00 | \$ 473.14 |
| Transfer Checking -> Savings: | | |
| <u>Ending Balances - June 24, 2022:</u> | | |
| Cash on hand | \$ 104.00 | \$ 104.00 |
| Checking Account | \$ 6,004.83 | \$ 6,004.83 |
| Savings Account | \$ 3,105.01 | \$ 3,105.01 |
| Total | \$ 9,213.84 | \$ 9,213.84 |
| *Veteran's Radio Fund | | \$ 500.00 |

LOCAL AMATEUR RADIO NET

| NET | TIME | QSY |
|-----------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------|
| North Florida Amateur Radio Emergency Communications Net | Daily @ 9:00 AM EST except Sunday's | 3950 kHz |
| Capital District EmComm Training Net | Sunday @ 7:30 PM EST | 147.030 MHz, K4TLH |
| Capital District ARES Net | Sunday @ 8:00 PM EST | 147.030 MHz, K4TLH |
| Leon County ARES net | Tuesday @ 8:15 ET | 147.030 MHz, K4TLH |
| Florida Phone Traffic Net | Daily @ 6:55 AM EST | 3940 kHz |
| Florida Midday Traffic Net | Daily @ Noon EST | 7242 kHz |
| North Florida Phone Net | Daily @ 7:30 PM EST | 3950 kHz |
| TARS News and Info Net | Thursday @ 8:00 PM EST | 146.910 MHz, K4TLH |
| Kid's Net | Tuesday @ 8:00 PM EST | 145.170 MHz, KE4URL - 600, 141.3 |
| Jefferson County Net | Monday @ 8:00 PM EST | 145.430 MHz, WX4JEF, 94.8 |
| The Morning Drive-Time and Welfare Net (Informal Check-In / Rag Chew) | Mon-Fri @ 7:30 - 9:00 AM EST | 147.030 MHz, K4TLH + 600, 94.8 |
| Southwest Georgia HF Weather Net | Third Thursday @ 7:30 PM EST (or following GA SSB Net) | WX4TAE, 3975 kHz (+/-) |
| SKYWARN Net | First Sunday @ 7:30 PM EST | WX4TAE, 3810 kHz (+/-) |
| Navy Amateur Radio Net | Daily, 0700-0900 Eastern | 7245 kHz |
| Worldwide DMR-MARC Net | Saturdays @ 1600 UTC in Summer, 1700 UTC in Winter months | Worldwide Talkgroup (1) |
| Florida D-STAR Net | Thursday @ 9:00PM Eastern | D-Star REF046C |
| North Florida Digital Net | Sunday @ 7:00 PM ET | 3590 KHz PSK-31 |
| Madison ARES Net | Sunday @ 2100 Eastern | 145.190 PL 123 |
| Taylor County Amateur Radio Club Net | Sunday @ 1900 Eastern | 145.350 PL 123.0 |
| Wakulla County Weekly Monday night net. | Monday @ 1930 Eastern | 145.450 MHz K4WAK |

SKYWARN

The first Sunday of every month, we have a special ARES/SKYWARN net. At 1930 hours EST, the net starts on 75 meters, on or near 3810 KHz (+/- for QRM). After check-in on this initial frequency, operators attempt to trade RST reports with WX4TAE. After check-ins on 75 m the net moves to 40 m around 7245 KHz (+/- for QRM), and picks up the roundtable there. At 2000 hours EST, the regular weekly Capital District

ARES net meets on 147.030 MHz, and we are joined by station WX4TAE, at the National Weather Service Office in Tallahassee. During the first portion of this net, one of the staff meteorologists joins us on the air and provides a retrospective of the previous month's weather patterns, a brief forecast of what we might expect for the coming month and season, and also takes specific questions from stations whom have checked in to the net. Please join us for these very informative ARES/SKYWARN nets – the first Sunday of every month.

The most current repeater list is available on the TARS website: www.k4tlh.net/repeaters
 For SARnet information see: www.sarnetfl.com

| Location | County | Call Sign | Backup Power | Digital Mode | Output Freq | PL | Special Configuration | Height ft. |
|---------------|-----------|-----------|--------------|--------------|-------------|-------|----------------------------------------------------|------------|
| Crawfordville | Wakulla | K4WAK | No | | 145.450 - | 94.8 | | 300 |
| Crawfordville | Wakulla | KB5IKR | Yes | Fusion | 444.450 + | 94.8 | Yaesu System Fusion C4FM WIREX Connected (Auto) | 400 |
| Crawfordville | Wakulla | | | Fusion | 442.850 + | 94.8 | Yaesu System Fusion (Auto) | |
| Greensboro | Gadsden | NX4DN | | Fusion | 147.390 + | 94.8 | Yaesu System Fusion DCS 023 WIREX Connected (Auto) | 300 |
| Greensboro | Gadsden | NX4DN | | NXDN | 444.125 + | 94.8 | NXDN World Wide Network | 300 |
| Monticello | Jefferson | WX4JEF | No | | 145.430 - | 94.8 | | 270 |
| Quincy | Gadsden | W4EAF | Yes | | 147.165+ | 94.8 | | 250 |
| Tallahassee | Leon | AE4S | Yes | P-25 | 146.655 - | 94.8 | | 550 |
| Tallahassee | Leon | N4PG | Yes | | 146.610 - | 203.5 | | 200 |
| Tallahassee | Leon | K4TLH | Yes | P-25 | 146.910 - | 94.8 | Temp TARS Talk-In | 375 |
| Tallahassee | Leon | K4TLH | Yes | | 147.030 + | 94.8 | | 750 |
| Tallahassee | Leon | KA4EOC | Yes | | 147.285 + | 94.8 | | 350 |
| Tallahassee | Leon | K4TLH | Yes | | 442.100 + | 94.8 | Statewide Amateur Radio Net (SARnet) See Next Page | 600 |
| Tallahassee | Leon | K4TLH | No | | 442.850 + | 94.8 | | 275 |
| Tallahassee | Leon | KJ4G | Yes | | 443.400 + | 131.8 | Host of Echolink Node #3950 | 575 |
| Tallahassee | Leon | | | Fusion | 444.800 + | 94.8 | Yaesu System Fusion (Auto) | |
| Tallahassee | Leon | AE4S | Yes | P-25 | 443.950 + | 94.8 | | 550 |
| Tallahassee | Leon | N4NKV | Yes | | 444.400 + | 131.8 | NXDN World Wide Network | CRMC (200) |
| Tallahassee | Leon | KD4MOJ | Yes | | 444.000 + | 94.8 | | TMH (200) |
| Tallahassee | Leon | NX4DN | | NXDN | 444.175 + | 94.8 | NXDN World Wide Network | 175 |
| Tallahassee | Leon | NF4DG | Yes | D-Star | 146.835 - | DV | | 180 |
| Tallahassee | Leon | NF4DG | Yes | D-Star | 443.450 + | DV | | 180 |
| Tallahassee | Leon | NF4DG | Yes | D-Star | 1293 - | DV | | 180 |
| Tallahassee | Leon | NF4DG | Yes | D-Star | 1253 | DD | | 180 |
| Wacissa | Jefferson | K4TLH | No | | 147.000 | 94.8 | | 300 |
| Wacissa | Jefferson | | | Fusion | 444.050 + | 94.8 | Yaesu System Fusion (Auto) | |
| Thomasville | Thomas | | | | 145.370 - | 141.3 | | |
| Thomasville | Thomas | | | | 442.600 + | 141.3 | | |
| Reno | Grady | KE4URL | Yes | | 145.170 - | 141.3 | | 600 |



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Tallahassee Amateur Radio Society

New Membership / Renewal Form

Updated 09/16/20/21

This form can be used for new members or for renewals.

Membership Status:

- **Individual**; Single member; full voting privileges.
- **Family**; Single member, plus participating family members residing at the same address; all members have full voting privileges. Complete a form for each member.
- **Student**; Free for students (elementary school through college) with ID; all rights and privileges except voting.
- **Introductory**; Free until the end of year (next year for November) for anyone who passed Amateur Licensing Exam facilitated by TARS; all rights and privileges except voting.

For renewals, if **no** personal information has changed, merely complete the form with your name, call, indicate your member type and ARRL membership status and make payment to TARS.

You must be a licensed Amateur Radio operator to *join the Society*; however, any non-licensed radio enthusiast may attend the TARS business meetings and functions. Membership dues for the Tallahassee Amateur Radio Society are only **\$20 per individual or family** (complete a form for each family member.) **Students** (with valid ID) **can join for free!**

TARS is a “not-for-profit” organization and dues are used to help defray the cost of repeater maintenance and TARS events. Most of TARS’s revenue is derived from donations, which are gladly accepted.

Please make your dues check payable to the **Tallahassee Amateur Radio Society** (or **TARS**). Bring your check (or cash) along with the completed form provided below (including e-mail address please) to the next monthly TARS business meeting and give it to the Treasurer - or mail your check and completed form to:

Tallahassee Amateur Radio Society, C/O Treasurer, P. O. Box 37127, Tallahassee, FL, 32315

| | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------|-----------------------|
| Name: | | Call Sign: | |
| Address: | | | |
| | | | Date: / / 20__ |
| City: | | State: | Zip: - |
| Member Type: <input type="checkbox"/> Individual <input type="checkbox"/> Family <input type="checkbox"/> Student <input type="checkbox"/> Introductory (Check One) | | | |
| Home Phone: () - | | Work Phone: () - | |
| Cell Phone: () - | | | |
| E-Mail Address: | | | |
| ARRL Member: <input type="checkbox"/> Yes <input type="checkbox"/> No | | “Elmer”: <input type="checkbox"/> I would like a ham mentor <input type="checkbox"/> I can be a ham mentor | |
| Interests: <input type="checkbox"/> EmComm <input type="checkbox"/> Contest <input type="checkbox"/> Phone <input type="checkbox"/> Digital <input type="checkbox"/> CW Other: _____ | | | |