

The Printed Circuit

The Monthly Publication of the
Tallahassee Amateur Radio Society
January, 2022



TALLAHASSEE
AMATEUR
RADIO
SOCIETY



K4TLH
.NET

Facebook.com/
K4TLH

P.O. Box 37127
Tallahassee, FL 32315



TARS Officers

- President Alan Terrwill N4KGT
- Secretary Todd Clark KN4FCC
- Member at Large Don Pace KK4SIH
- Treasurer Doug Ferrell KD4MOJ

Committees

Repeater Trustee #1	Randy Pierce	AG4UU
Repeater Trustee #2	Doug Ferrell	KD4MOJ
Education & Training	Phil Ashler	N4IPH
Equipment Manager	Vacant	
Newsletter Editor	Paul Eugenio (interim)	K00KE
Testing	Norm Scholer	K4GFD
Public Information Officer	Jason Ford	W4JMF
Webmaster, Web Content, and Social Media	Paul Eugenio	K00KE
Server Administrator	Don Pace	KK4SIH

MINUTES of the January 2022 TARS Meeting

7pm on January 6, 2022

The meeting was opened by the club president, Alan, N4KGT, at the American Red Cross at 7pm with the pledge of allegiance to the flag.

Meeting attendees:

- Todd, KN4FCC
- Doug, KD4MOJ
- Alan Terrell, N4KGT
- Jerry, N4JL
- Norm, K4GFD
- Bill, AE4S
- Theo, K4MVL
- Richard, WA4TED
- Randy, AG4UU
- Sal, K4YFW
- Bill, KF4KHJ
- Don, KK4SIH
- Bruce, KE4TZE
- Randy, AI4GO
- Gerry, WA6POZ
- Scott, KO4NLM
- Adrienne, KO4UMY
- Dave, KB4JB
- Bob, NT4B
- Phil, KA5USN
- Tom, K4TB
- Steve, AD4E
- Bill, N4APG
- Sam, K4VAY
- Jack, KC4EMS
- Phil, N4IPH



- Welcomes: Alan, N4KGT, stated that the club must have a VP in accordance with the club bylaws. We need someone to volunteer. We are looking for volunteers. Meeting minutes from the November Club meeting were in the Printed Circuit. There were no corrections.
- Committee Reports
 - Treasurer's Report – Doug – KD4MOJ – posted in the Printed Circuit. One correction was that expenditures which were listed twice. Norm sold a club repeater for \$150. We received some dues and membership renewals this evening. Doug shared the current balances.
 - Education Report – Phil – N4IPH – two years since we have had a class scheduled; Red Cross closed the building due to the pandemic. We will not schedule another class until some time later in the Spring 2022. One email was received by a test-taker for information about a test, if any one is interested, they may email Phil at N4IPH@arrl.net.
 - Testing Report – Norm, K4GFD, stated that the next test in next Saturday (1/8) at 10am at the American Red Cross by appointment (or walk-ins if space is available).
 - Repeater Report – Randy, AG4UU. Repeaters are all working. Eight standby batteries will be replaced at the 146.91 repeater site. The 6m repeater (53.03) is working now after a repair / “fine tuning” to one of the relays. It seems to be doing well.
- Old Business
 - Spaghetti 100 – Todd provided an update on a possible check from the spaghetti 100 bike club. We are expecting a payment to the club for our support. The payment is being split evenly between TARS and the Thomasville Amateur Radio Club.
 - First time attendees were introduced: Adrian, KO4UMY, Daniel, Dave, KB4JB, new / old member Dave, and Bill, MARS member, N4APG, will do a club presentation at a future meeting on MARS. Richard Fetter, Scott KO4NLN, recently got his General License, Sam, KO4VAY.
- New Business
 - First: Opportunity for TLH Marathon – February 6, 2022. The club voted to support this event. Todd, KN4FCC, will organize the event. Volunteers will be requested to assist. Any one interested in providing communications support can email Todd at this email address: KN4FCC@arrl.net.
 - Second: Opportunity for Havana Hills Bike Ride – February 27, 2022. The club also voted to support this event. Volunteers will be needed for stations, net control, and tail-end Charlie. Todd will be asking for volunteers to support this event as well. You can email him for additional information or to volunteer.
- The business part of the meeting ended at 1930 hours.

Phil, N4IPH, volunteered to be the club Vice, and was elected VP by the club by a unanimous vote.

Tom, K4TB, will be providing the program.

Tom's program was on setting up the programs for calendar year 2022. Tom provided a hand-out with a rough schedule and some recommended topics. Tom is providing programs tonight (1/6) and in May (for ARES, prior to hurricane season) and another program (TBD) in September 2022. Programs can be done either Face to Face or via Zoom, which we showed we could do during the COVID-19 pandemic. We can support presentations using PPT with a projector. We would like to schedule programs for the first 3 months – February to April 2022. Tom provided a list of potential categories for topics. Jerry and Theo volunteered to do a presentation on emergency power in April 2022. This will be done prior to the start of hurricane season. Bill will take March 2022. Todd will do the presentation in February on the logistics for the two February events, the marathon and the Havana Hills bike race. Don recommended City of TLH on electric noise and who to contact; also having a presentation on hosting a contest station and what it means to have a contest station, there is one in Live Oak, FL that could provide some information. Phil recommended that Randy could do a short presentation on the repeaters and what resources we have available for the club and in the Leon County area. Todd and Randy will coordinate to present both volunteer opportunities and repeater operations at the February club meeting.

Steve noted that the holiday party in November with catering by Mission BBQ was a good success and recommended that we the holiday party + elections in November and not have a December meeting due to the rush of the holidays and other events. Theo stated that the club does not have an equipment manager and some individuals have taken on responsibility for keeping the club equipment that is used as part of Field Day. Theo would like to recommend that we get volunteers and other people who could keep and maintain club equipment that is used for Field Day. There was some discussion about what stuff is still stored in the club's storage unit. Dealing with equipment is a challenge and needs some club attention at some point soon. There was a suggestion about having an emergency trailer, but the club had done that before and it was not used well. Randy said that we may not have all the resources we had on Field Day in 2021, so we may really need to do some planning in support of Field Day. Alan asked that Chief will start looking at reserving the space at Tom Brown park. Phil, N4IPH, said that he would like to see more articles in the TARS newsletter. You can send an email to Paul if you have any articles that you would like to be included in the newsletter. Gerry, WA6POZ, stated that we could really use a PIO to provide information on about the club activities. You can see in the NFL section newsletter what many of the clubs are doing in the North Florida area.

Next meeting's program (for February) will be Todd, KN4FCC, discussing the logistics for radio support of the Tallahassee Marathon and the Havana Hills bike race in addition to Randy, AG4UU, providing information about the operation and maintenance of the club's repeaters.

Club meeting ended at 8:20pm.

TARS Treasurer's Report

Submitted by	Doug Ferrell, KD4MOJ, Treasurer			
			for period	year-to-date
			28-Jan-22	1-Jan-22
	Beginning Balances:			
	Cash on hand	\$	33.00	\$ 33.00
	Checking Account:	\$	5,224.09	\$ 5,224.09
	Savings Account:	\$	3,104.62	\$ 3,104.62
	Total:	\$	8,361.71	\$ 8,361.71
	Summary of Month's Activity:			
	Total Receipts:	\$	438.00	\$ 438.00
	Total Expenditures:	\$	265.25	\$ 265.25
	Receipts Derived From:			
	Members Dues:	\$	345.00	\$ 345.00
	Fifty/Fifty	\$	23.00	\$ 23.00
	Donation *	\$	70.00	\$ 70.00
	Red Cross Donation	\$	-	\$ -
	2022 Holiday Picnic	\$	-	\$ -
	Veteran's Radio Fund	\$	-	\$ -
	Field Day Radio Fund	\$	-	\$ -
	Interest (Savings)	\$	-	\$ -
	smile.amazon.com	\$	-	\$ -
	Equipment sales	\$	-	\$ -
	Total	\$	438.00	\$ 438.00
	Expenditures:			
	American Red Cross:	\$	-	\$ -
	Fifty-Fifty	\$	-	\$ -
	ARRL Insurance	\$	-	\$ -
	Spagetti 100 - TARC	\$	-	\$ -
	TARS & Feathers Plaque	\$	-	\$ -
	Storage & Supplies	\$	-	\$ -
	Field Day	\$	-	\$ -
	VE Expenses	\$	-	\$ -
	Tower/Repeater Maintenance AG4UU	\$	-	\$ -
	Florida Dept of State	\$	61.25	\$ 61.25
	Post Office Box:	\$	204.00	\$ 204.00
	Misc. 2022 Holiday Lunch	\$	-	\$ -
	Total:	\$	265.25	\$ 265.25
	Transfer Checking -> Savings:			
	Ending Balances - January 28, 2022:			
	Cash on hand	\$	33.00	\$ 33.00
	Checking Account	\$	5,396.84	\$ 5,396.84
	Savings Account	\$	3,104.62	\$ 3,104.62
	Total	\$	8,534.46	\$ 8,534.46
	*Veteran's Radio Fund			\$ 500.00
	*Field Day Radio Fund			\$ 697.00

***Donations: KI4NBU, N1JHJ, AI4CO, Mike Heath**

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 823 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				442.690 +	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: _____			