

The Printed Circuit

The Monthly Publication of the
Tallahassee Amateur Radio Society
Octoberber, 2021



TALLAHASSEE
AMATEUR
RADIO
SOCIETY



K4TLH
.NET

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P.O. Box 37127
Tallahassee, FL 32315



MINUTES of the October 2021 TARS Meeting

7pm on October 7, 2021

The meeting was opened by the club president, Don, KK4SIH, at the American Red Cross at 7pm with the pledge of allegiance to the flag.

Meeting attendees:

- Todd, KN4FCC
- Doug, KD4MOJ
- Don, KK4SIH
- Sal, K4YFW
- Alan, N4KGT
- Gerry, WA6POZ
- Norm, K4GFD
- Erik, KC4NVU
- Chief, KA5USN
- Rich, KM4BRR
- Chuck, AI4KA
- Chris, KD4OW
- Nick, W4EAF
- Don, WB4FSU
- Garret, KO4KKX
- Henry, N5HF
- Bob, NT4B
- Carlton, AG4UI
- David, KB2NUI
- Bob, KO4KSV
- Keith, K4KRV
- Bruce, KE4TZE
- Justin, KQ3D
- Daniel

Approval of the minutes from September 2021

The meeting minutes were approved with without corrections. Moved by Chief, KA4USN.

Committee Reports

- a. Treasurer's Report – Doug – KD4MOJ

No expenses for this time of year. Dues are due and you can pay Doug for the holiday party (\$15).

- b. Education Report – Phil – N4IPH – no report.
- c. Testing Report – Gerry, WA6POZ reported next test in November 6 at the American Red Cross.
- d. Repeater Report – Norm, K4GFD – everything is working, even the 6m repeater.

Old Business

- a. Spaghetti 100 – Todd provided an update. We still could use volunteers for October 16.
- b. Open Positions
 - i. Printed Circuit Editor – Paul is doing this but would like some help.

- ii. PIO – if you're interested, see one of the officers. Main thing is outreach during Field Day and to let people know about special events.
- c. Elections – nominations committee: Chuck. 5 positions, see Chuck if you're interested or email him at AI4KA@arrl.net. Don will run for at-large position. We will need someone to run for president of the club. Don stated the club is what you put into it. Most things happen automatically. You can delegate. Lots of people do a lot of work for the club, but behind the scenes. You will get help serving as a club officer.
- d. Holiday Party – October 30 – Gerry – Saturday, Oct 30 at ARC at 12:30pm, no masks required outside. Cost is \$15 per person due by 10/23/2021. Will be catered by Mission BBQ. Chopped brisket, pulled chicken, coleslaw, mac and cheese, bread, and drinks will be provided. Any profits will be provided to the ARC for the use of their building. Will be buffet-style, you pick up what you want. Plates and utensils provided. Mission BBQ will deliver food to ARC. There is an alternative plan if it rains.
- e. Don said we have the November meeting with elections, there will not be a club meeting in December 2021. We start back in January 2022 with new officers.

New Business

There was no new business.

Presentation from Erik Brooks, KC4NVU

Leon County ARES – Erik was first licensed in 1990 when he was 15. He joined the Leon County ARES in 2008, became Assistant EC in 2009 and then EC in 2014. Erik discussed current ARES activity. ARES standard mission is still the same, but 3 roles: 1) Emergency comms, with own equipment or with your own equipment. 2) Spotters – Weather spotters and tactical disaster-related spotters. 3) Information distribution – where can people get food, gas, water? 29

More than 22k ARES members nation-wide. 18 members in Leon County. Nets are Tuesdays at 2015, and Sunday at 1900 (digital net), 1930 (EmComm Training), and 2000 District ARES. 3 Assistant ECs: Allen Beard, Dave Davis, Robert Steele.

Served agencies: Leon County EOC; State EOC; Leon County Law Enforcement, local hospitals (including the new TMH location on Thomasville Road and I-10. Also, NWS and ARC, the TLH airport, Salvation Army.

ARRL has MOUs with FEMA, DHS, and other national organizations. Each ARES official matches with a direct liaison in FEMA. ARES deployed with an official mission number from the state EOC.

Operating levels in ARES. Level 1 is locally trained. Level 2 is deployable outside the county. Locally trained and with 4 training modules from DHS. Traffic can be either ICS form or ARRL Radiogram.

ARES Connect was a national database of ARES members. System is being updated. Allows for event pre-planning and known credentials. Recent local ARES activities include reporting for tornados. Support for Health and Welfare traffic from Puerto Rico. Hurricane Hermione and Hurricane Michael. Repeater tests and district exercises.

Erik encouraged TARS members to join ARES! Fun, exciting, and has a direct community impact. And thank you to TARS for making ARES possible through repeater operations.

Meeting ended at 8:20 local time.



TARS Treasurer's Report				
Submitted by Doug Ferrell, KD4MOJ, Treasurer				
			<u>for period</u>	<u>year-to-date</u>
			20-Oct-21	1-Jan-21
<u>Beginning Balances:</u>				
	Cash on hand		\$ -	\$ -
	Checking Account:		\$ 4,724.54	\$ 3,876.41
	Savings Account:		\$ 3,103.84	\$ 3,102.68
	Total:		\$ 7,828.38	\$ 6,979.09
<u>Summary of Month's Activity:</u>				
	Total Receipts:		\$ 803.39	\$ 2,347.13
	Total Expenditures:		\$ -	\$ 694.45
<u>Receipts Derived From:</u>				
	Members Dues:		\$ 340.00	\$ 1,631.70
	Fifty/Fifty		\$ 33.00	\$ 33.00
	Donation		\$ -	\$ 170.00
	Red Cross Donation	N4JL	\$ 25.00	\$ 25.00
	2021 Holiday Picnic		\$ 405.00	\$ 405.00
	Veteran's Radio Fund		\$ -	\$ -
	Field Day Radio Fund		\$ -	\$ -
	Interest (Savings)		\$ 0.39	\$ 1.55
	smile.amazon.com		\$ -	\$ 80.88
	Total		\$ 803.39	\$ 2,347.13
<u>Expenditures:</u>				
	American Red Cross:		\$ -	\$ -
	Fifty-Fifty		\$ -	\$ -
	ARRL Insurance		\$ -	\$ -
	Spagetti 100 - TARC		\$ -	\$ -
	TARS & Feathers Plaque		\$ -	\$ -
	Storage & Supplies		\$ -	\$ 284.57
	Field Day		\$ -	\$ 100.00
	VE Expenses		\$ -	\$ -
	Tower/Repeater Maintenance	AG4UU	\$ -	\$ 80.63
	Florida Dept of State		\$ -	\$ 61.25
	Post Office Box:		\$ -	\$ 168.00
	Total:		\$ -	\$ 694.45
<u>Transfer Checking -> Savings:</u>				
<u>Ending Balances - October 21, 2021:</u>				
	Cash on hand		\$ 33.00	\$ 33.00
	Checking Account		\$ 5,494.54	\$ 5,494.54
	Savings Account		\$ 3,104.23	\$ 3,104.23
	Total		\$ 8,631.77	\$ 8,631.77
	*Veteran's Radio Fund			\$ 500.00
	*Field Day Radio Fund			\$ 697.00

Repeaters Capital Area Region

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	KBSIKR	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 DCR 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	444.850 +	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		T3H3 (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		147.800	94.8		300
Wacissa	Jefferson			Fusion	444.950 +	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

The most current repeater list is available on the TARS website:

www.k4tlh.net/repeaters

For *SARNet* information (Locations, Repeaters and operational status) visit:

<http://www.sarnetfl.com/>

Regional Nets

TARS News & Information Net	Thursday • 8 PM EST (not 1 st Thrs.)	147.030 MHz, K4TLH + 600, 94.8
North Florida Amateur Radio EmComm Net	Daily • 9:00 AM ET except Sunday	3950 kHz
Capital District EmComm Training Net	Sunday • 7:30 PM ET	147.030 MHz, K4TLH + 600, 94.8
Capital District ARES Net	Sunday • 8 PM ET	147.030 MHz, K4TLH + 600, 94.8
Leon County ARES Net	Tuesday • 8:15 PM ET	147.030 MHz, K4TLH + 600, 94.8
Florida Phone Traffic Net	Daily • 6:55 AM ET	3940 kHz
Florida Midday Traffic Net	Daily • Noon ET	7242 kHz
North Florida Phone Net	Daily • 7:30 PM ET	3950 kHz
North Florida Digital Net	Sunday • 7 PM ET	3590 kHz PSK-31 Mode
TARC Thursday Night Net	Thursday • 8 PM ET	147.060 MHz, + 600, 141.3
Thomas County ARES Net	Thursday • 7:30 PM ET	147.060 MHz, + 600, 141.3
Grady County ARES Net	Tuesday • 7:30 PM ET	145.170 MHz, - 600, 141.3
North Florida 6M SSB Net	Sunday • 8:30 PM ET	50.150 MHz
Morse Code Practice Net (Informal / Open) 5-15 WPM	Wednesday (or any day) 8:30 – 9:30 PM ET	28.114 MHz CW Mode
Morning Drive-Time Net (Informal)	Mon-Fri • 7:30 – 9:00 AM ET	147.030 MHz, K4TLH
Southwest Georgia HF Weather Net	Third Thursday 7:30 PM ET (or after GA SSB Net)	WX4TAE, 3975 kHz (+/-)
Southwest Georgia ARES Net	Thursday • 9 PM ET	145.170 MHz, + 600, 141.3
SKYWARN Net	First Sunday • 7:30 PM ET	WX4TAE, 3810 kHz (+/-)

Some nets have been inactive for some time, however, individuals are encouraged to re-activate these nets as guest net controls.

Have any **corrections** or **additions**? Contact Dave at davedavis1@embarqmail.com prior to the 20th of the month to make changes.



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Tallahassee Amateur Radio Society

New Membership / Renewal Form

Updated 11/3/16

This form can be used for new members or for renewals. If you have not changed any information from last year, merely complete the form with your name, indicate your member type and ARRL membership status and make payment to TARS.

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 December) for anyone who passed Amateur Licensing Exam facilitated by TARS; all rights and privileges except voting.

If no personal information has changed, current memberships can be renewed simply by making 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!

Membership is per calendar year and the deadline for paying dues for renewing membership is February 20th. Individuals wishing to reinstate their expired membership status must reapply and pay full dues (\$20) for the current year. 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**) and include your telephone number on the check. 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



Tallahassee Amateur Radio Society

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New members pay pro-rata based on the number of months remaining in the calendar year (\$1.70 per month.) After September, they drop to \$5.00. Individuals wishing to reinstate their expired membership status must reapply and pay full dues (\$20) for the current year. 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.

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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: _____			