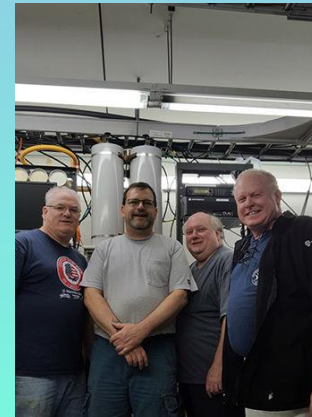


# NORTH ALABAMA REPEATER ASSOCIATION **NARA**

53.21, 145.33, 146.94, 147.18, 223.94, 443.500, 443.800 MHz

**Jan 17, 2020  
Kick Off Meeting**



**WWW.N4HSV.NET**

# NARA Agenda Jan 2020

- Presidents Opening Remarks
  - Rob: N4WGY
- 2018 Year End Financial Report
  - Rob: N4WGY
- 2019 Recap and 2020 Year Ahead Plans
  - Recap – Rob, Mark, Steve, Ralph
  - Vision Forward ! Rob: N4WGY
  - Q&A
- 2019 Election of NARA officers
  - Steve Smith, KM4CJ



**NARA 2019**

To all our sponsors: **THANK YOU FOR YOUR SUPPORT!**

Our amateur radio community and the community at large benefits from the support you give to NARA in keeping the NARA system modern, healthy and reliable, and we genuinely appreciate all that you've done and continue to do!!



# North Alabama Repeater Association

- Registered 501(c)(3) nonprofit organization.
- Trustee of 15 repeater systems spanning 3 different modulation schemes and many VoIP/RoIP modes.
  - 53.21 MHz -1 MHz, 100 Hz PL Analog FM
  - 145.33 MHz -.6 MHz, 100 Hz PL Analog FM, Echolink, Allstar
  - 146.45 MHz Simplex, 123 Hz PL IRLP, Echolink
  - 146.94 MHz -.6 MHz, 100 Hz PL Analog FM, IRLP
  - 147.14 MHz +.6 MHz, 100 Hz PL Analog FM, C4FM
  - 147.18 MHz +.6 MHz, 100 Hz PL Analog FM
  - 224.94 MHz -1.6 MHz, 100 Hz PL Analog FM
  - 443.50 MHz +5 MHz, 110.9 Hz PL Analog FM
  - 443.80 MHz +5 MHz, 110.9 Hz PL Analog FM, Echolink, Allstar, Autopatch
  - 442.275 MHz +5 MHz, DMR
  - 145.36 MHz -.6 MHz, D-Star
  - 443.425 MHz +5 MHz, D-Star
  - 1251.0 MHz Simplex, D-Star Data
  - 1285.0 MHz -12 MHz, D-Star
  - 145.09 MHz Simplex, 1200 Packet Winlink 2000 Gateway

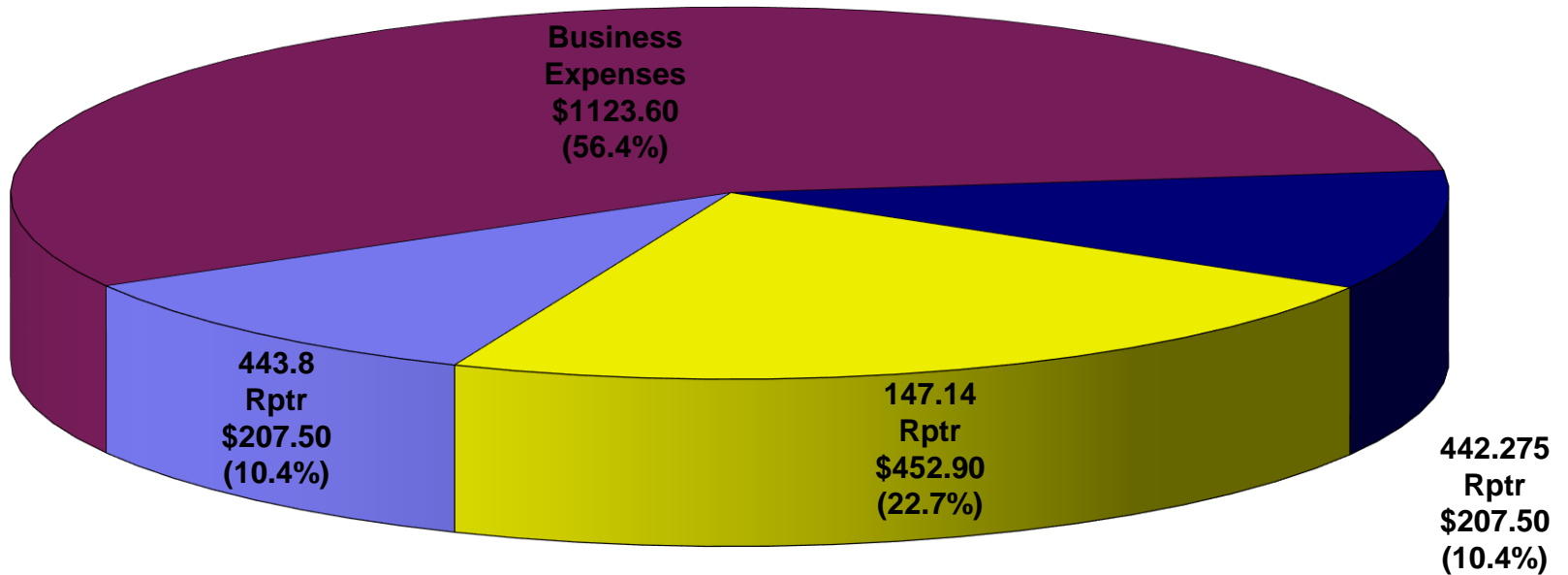
# North Alabama Repeater Association

- Separate / sister entity to the Huntsville Amateur Radio Club.
- Long standing heritage of top notch VHF and UHF repeater facilities supporting the Huntsville Area, supporting:
  - Club functions
  - ARES/Red Cross activities
  - Public Service Events
  - Emergency Communications infrastructure building & support

# NARA 2019 Fiscal Report

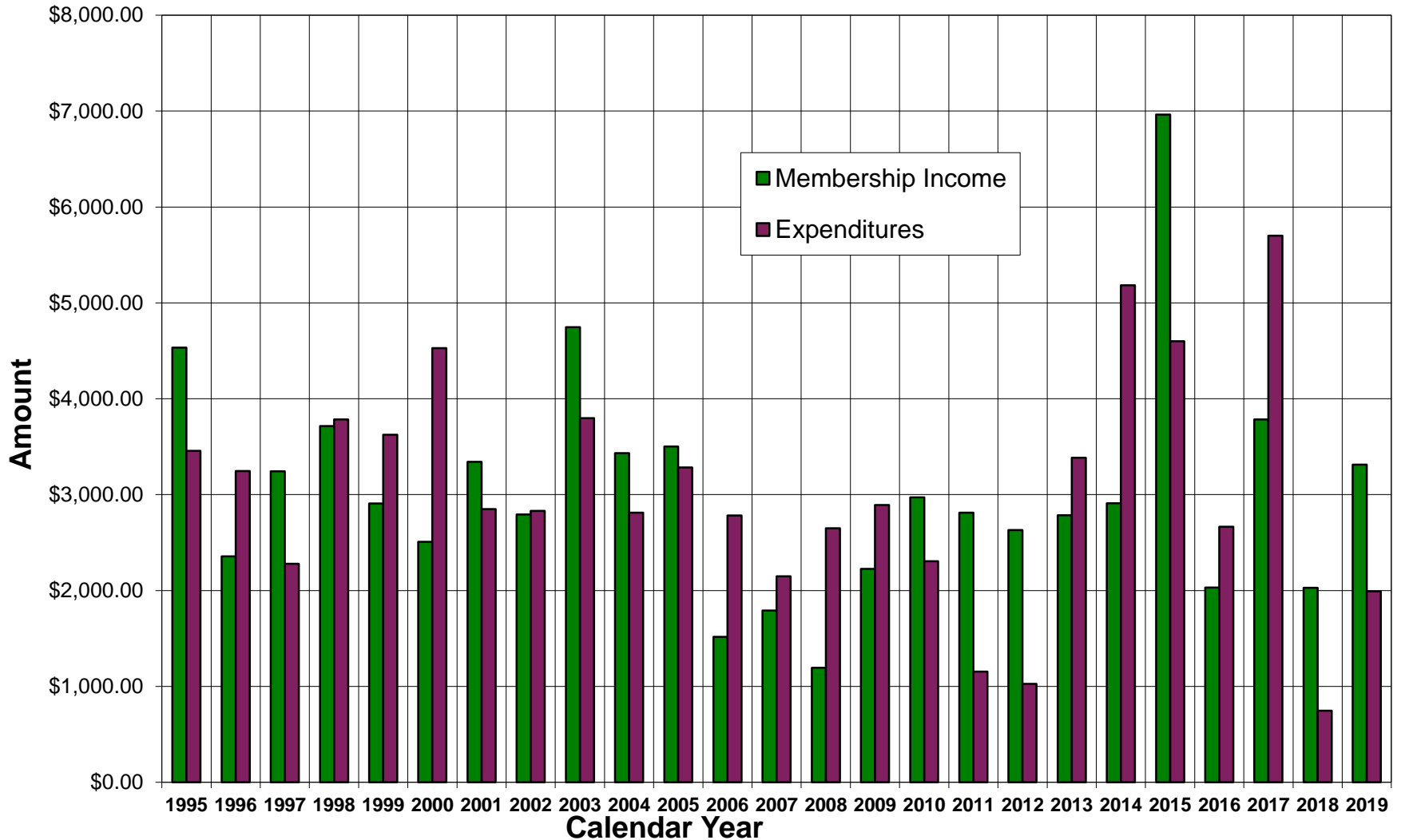
Check#	Description	Digital	Buisness	Misc.	Dstar	145.33	146.94	147.18	224.94	443.5	6 meter	147.14	442.275	443.8
2087	P.O.Box Rent		\$120.00											
2088	FTM-100dr FUSION											\$452.90		
2089	DECIBEL PRODUCTS DB4631-2B DUAL JUNCTION TUNABLE ISOLATOR 406-450mhz									\$207.50			\$207.50	
2090	Smith-Store-It (Storage Sense) for Sept and Oct		\$25.00											
2091	Storage-Sense for 12 Months		\$918.60											
--	Business Checking Account Fee		\$60.00											
TOTALS		\$0.00	\$1,123.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$207.50	\$0.00	\$452.90	\$207.50	\$0.00
Percentage		0.0%	56.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	10.4%	0.0%	22.7%	10.4%	0.0%
<b>TOTAL</b>	<b>\$1,991.50</b>	Digital	Buisness	Misc.	Dstar	R145.33	R146.94	R147.18	R224.94	R443.5	R53.21	R147.14	DMR	R443.800
Total Checking Acct. Today (as of 12/24/2019):		\$11,188.26												
Total Cash in PayPal Today:		\$36.30												
<b>Total NARA Funds Remaining:</b>		<b>\$11,224.56</b>												

# NARA 2019 Year-End Expenditures (\$1991.50)



**Bank Balance Dec 2019: \$11,224.56**

# NARA Income/Expenditures History



**Bank Balance Dec 2019: \$11,224.56**



## MAJOR EVENTS OVER 2019

- Slight membership and income increase over 2018.
- Added VHF linking radio to W4PS 443.8
- Nothing broke! (for long)
- Cleaned up/moved and organized NARA Storage unit to smaller unit w/significant cost increase.

# Scheduled Net Content

- ARRL news Mon 7:00pm
- Tech Net Tue 7:00pm
- MSFC Net Tue 9:00pm
- ARN News Wed 7:00pm
- Alabama Friends Net Wed 8:00pm
- Madison Co. DIGI Net Thurs 7:00pm
- Madison Co. ARES Thurs 7:30pm
- UA ARC Net Thurs 8:00pm
- D-Star Nets Sun/Tues
- YACHT Youth Net Sat 7:00pm
- Skywarn Youth Net Sun 7:30pm
- **What would you like to see/hear??? Let us know!**

# Plans & Desires - 2020

- Rx Voter system for 145.33 or 146.94 rpters.
- Scout additional sites for remote bases.
- Complete refurb of Motorola MSF5000 VHF repeater to replace the aging GE MSTR II 146.94 repeater hardware.
- Wide coverage MMDVM
- Dedicated data comms

To all NARA, Madison County ARES and HARC's amazing volunteers:

**THANK YOU FOR YOUR SUPPORT!**

A lot of work and time is required to maintain NARA communication assets and also in keeping our amateur community well trained in using those assets in times of need.

What is the most important thing you can do to help? Simple...

- Maintain your membership and/or donate to NARA.
- Use The Repeaters, this attracts more users!!
- Be courteous and welcoming on the air
- Start or join morning and evening commute round-tables.
- Log into one or more of the many nets.



**NEW MAGIC RADIO WALKIE TALKIE!**  
YOUR OWN POCKET SIZE RADIO STATION!  
BROADCASTS TO ANY HOME OR CAR RADIO WITHOUT WIRES OR HOOKUPS! Wt. only 5 oz. Size only 1½x2½x4½" Built-in telescoping antenna. Powerful Transistor tube—sensitive microphone, frequency setter, break-in switch! Runs for weeks on self-contained flashlight batteries. Durable plastic case. With this Radio Talkie you CAN TALK TO YOUR FRIENDS UP TO A BLOCK OR MORE AWAY! Talk up to 1 mile or more between two automobiles—INSTANT OPERATION. Just push button to talk! No license needed. Uses inductive field magnetic radiation. Useful and real fun in a million ways! GUARANTEED TO WORK. 1 YEAR SERVICE GUARANTEE. SEND ONLY \$2.00 (cash, ck, mo) and pay postman \$9.99 COD postage or send \$11.99 for prepaid delivery. COMPLETE READY TO OPERATE with instructions and hundreds of ways and tricks for broadcasts thru any radio you desire. Price will go up soon, so get your NEW POWERFUL RADIVOX WALKIE TALKIE NOW. Available only from:  
WESTERN RADIO Dept. RSM-10 KEARNEY, NEBR.



# NARA Election Jan 2020

## Nominating Committee Chair: Steve Smith, KM4CJ

- President - Rob Conklin, N4WGY (Incumbent)
- Vice President- Ralph Hogan, W4XE (Incumbent)
- Treasurer – Bill Yell, K4IBY
- Secretary – Brian Wingfield, KO4FV
- Technical Advisor – Mark Bond: W4FMX (Incumbent)
- Web Site Design – Wayne Reed, K4TTZ
- Technical Committee Personnel (Not Elected Positions)
  - Ron: W4VM – D-STAR
  - Steve: KM4CJ – DMR and Fusion
  - Paul Batiz: W4END – Test, integration, Tower Work
  - Several Others !! (Your Name Here)

**Back Up**

**BACKUP**

*Hello Backup*