TARA Monthly Meeting 11/11/2026

These meeting notes were copied from a Google Transcript Summary that Alan WO9G recorded at the meeting since Michelle W9CHL could not be present

Club financial status and VE testing updates

- Earl reported club funds totaling $6,811.11, comprising $2708.78 in checking and $3,322.30 in savings. *(treasurer report attached below)*
- The VE testing session hosted 6 candidates, resulting in multiple technician-to-general license upgrades.

Trailer acquisition options and specifications

- The club is evaluating utility trailers under a 3,000 lb threshold to avoid mandatory electric brakes.
- A 6x12 single axle trailer was identified in Logansport priced at $3,900.

Transceiver acquisition and remote station deployment

- The club traded an Icom 7800 transceiver for a K4 model and $2,200 in cash.
- The K4 transceiver will function as a remote station, while the 7410 operates locally.
- Seth offered to host the K4 transceiver at his tower location for remote access.

Club events and presentation schedule

- Participation in the local Christmas parade was deferred to 2027 due to preparation requirements.
- Dave will present on hamfest buying and selling strategies during the January meeting.
- Tim will deliver a presentation on AI antenna design and testing during February.

AMSAT roving stations and satellite operations

- Aaron presented on AMSAT roving operations, highlighting grid square activations for VUCC awards.
- Basic satellite stations utilize 2 HTs and portable Yagi antennas for full-duplex operation.
- Satellite tracking catalogs transitioned from TLE formats to JSON to accommodate 6-digit object numbers.

Antenna design and transceiver options

- Advanced stations switch polarization during a pass by reversing the phase relationship.
- 3D printing enables custom element holders, boom sections, and folding portable assemblies.
- Portable handheld radios provide an affordable solution for FM operation.
- Base stations support advanced digital modes and single sideband operation.

Satellite tracking and rotor systems

- Lightweight dual-band Yagis can be manually pointed across the sky.
- Azimuth and elevation rotors use software to track satellites and handle Doppler shift.

AMSAT operations and station deployment

- AMSAT supports amateur radio communications and experiments in space.
- Aaron Cocanower built a complete station in 6 working days for the field day.

Suggested next steps

- [ ] [The group] Tidy Room: Tidy up the meeting room after the session concludes.
- [ ] [W9REG] Replace Battery: Purchase a replacement lead acid battery for the antenna setup.

- [ ] [W9REG, Brent Reynolds] Discuss Heat Solutions: Coordinate a discussion regarding heating solutions for Winter Field Day.
- [ ] [The group] Submit Trailer Ideas: Provide photos or suggestions for a club trailer to W9REG, Earl, or Seth.
- [ ] [W9REG, Earl] Configure Remote Radio: Discuss the necessary requirements to enable remote operation for the K4 radio.
- [ ] [W9REG] Review Heater: Write a formal review for the diesel heater.
- [ ] [The group] Submit Sale Equipment: Contact W9REG to submit club or personal equipment intended for the upcoming hamfest sale.
- [ ] [Aaron Cocanower] Configure PRS: Implement the PRS system for use by the next field day.

- [ ] Notes by Gemini

Sign-In sheet was not available at the time of Michelle emailing the meeting minutes

TARA Bank Balance as of 11/11/26

Checking	$ 2,708.78	$ 15.00	bunte
Savings	$ 3,322.30	$ 25.00	Thomson
Cash	$ 50.00	$ 2,200.00	sale
PayPal	$ -	$ 468.78	chking
Interest	$ 0.03	$ 2,708.78	tota;
	$ 6,081.11		