

May, 2026

# Zero Beat



## President's QRM

As we look ahead to next month's ARRL Field Day, I want to take a moment to emphasize something that is absolutely critical to our success: member participation—especially at the operating positions.

Field Day is more than just an annual event. It's the single best opportunity we have to demonstrate the strength, readiness, and technical skill of our club. It's where everything we've built—our knowledge, our equipment, and our teamwork—comes together in one coordinated effort.

This year, HPARC will be operating three or four operating positions, which gives us a tremendous opportunity to maximize contacts and showcase our capabilities. However, those stations are only as effective as the operators behind them.

### Why Signing Up Matters

Each station needs consistent coverage throughout the event. When operators sign up in advance, it allows us to:

- Ensure continuous operation across all bands and modes
- Avoid operator fatigue and last-minute scrambling
- Strategically match operator strengths to station capabilities

Present a professional, organized presence to visitors and guests  
Simply put: An idle station is a missed opportunity.

### This Is Where You Come In

Whether you're a seasoned operator or someone who has only been on the air a handful of times, Field Day is for you.

- Newer members gain real-world experience in a supportive environment
- Experienced operators help lead, mentor, and elevate the entire team

Everyone contributes to the club's overall success and score  
Even a half hour shift makes a meaningful difference.

### More Than Just Contacts

Field Day is also about visibility. It's our chance to demonstrate amateur radio's role in:

- Emergency communications
- Public service

Technical innovation

When all three stations are active, it sends a powerful message: HPARC is engaged, capable, and ready.

*General Meetings are held the second Wednesday of the month, 7:30 pm at the Hazel Park Library and on Zoom With Socializing At 7:00 pm .*

*See you there!*

## Club Officers:

**President:** Joe WB8ADX

**1st. VP:** Len AD8FK

**2nd. VP:** Andrew AJ0WX

**Secretary:** Reuven KB3EHW

**Treasurer:** Bob N8REL

**Parliamentarian:** Hugh KE8BED

**Director:** Dave W8HOO

**Zero Beat Editor:** Mike N8VDZ



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## DMR Pi-Star...

Set Lat your Latitude

Set Long to your Longitude (Usually a negative number)

Set Town to your Town and State

Set Country: USA

Set URL for QRZ bio: (Set it to your QRZ bio)

Set Radio/Modem type (very important): Choose STM32-DVM / MMDVM\_HS – Raspberry Pi Hat (GP10)

Set Mode Type: Private

Set System Time Zone: America/New\_York

Set Dashboard to english\_us

**Hit Apply Changes and wait 15 seconds for reboot.**

Select the pi-star modem again and go to configuration...

**DMR Configuration section:**

Set DMR Master: BM\_United\_States\_3102

Set Color Code: 1

**Hit Apply Changes and wait 15 seconds for reboot.**

Select the pi-star modem again and go to configuration...

**Firewall Configuration section:**

Leave this section as below:

Firewall Configuration	
Setting	Value
Dashboard Access:	<input checked="" type="radio"/> Private <input type="radio"/> Public
ircDDGGateway Remote:	<input checked="" type="radio"/> Private <input type="radio"/> Public
SSH Access:	<input checked="" type="radio"/> Private <input type="radio"/> Public
Auto AP:	<input checked="" type="radio"/> On <input type="radio"/> Off <span>Note: Reboot Required if changed</span>
uPHP:	<input checked="" type="radio"/> On <input type="radio"/> Off

Now go to Expert at the top

## Pi-Star Digital Voice - Configuration

Dashboard | Admin | **Expert** | Calibrate | Power | Update | Backup/Restore | Factory Reset

Click on NMDVMHost

**Scroll down to the Modem section:**

Set RxOffset to -475 but if it is already set to a number, leave that!

Set TXOffset to -475 but if it is already set to a number, leave that!

**Hit Apply Changes and wait 15 seconds for reboot.**

Select the pi-star modem again and go to configuration...

On the dashboard, you should see DMR as Green, Network Status as DMR Green, Radio info Trx as Orange or Green and DMR Repeater TS2 as Green/enabled. See below. This is the normal dashboard. Time shows you what time someone talked. Mode shows the mode was DMR using Time Slot 2. Callsign is who transmitted. Target shows you what Talk Group you are listening to. Dur is the time they talked in seconds. Loss shows you if someone's signal has a loss or degradation of signal.

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### Local Area Nets

**HPARC Friendship Net:** 146.640 PL 100—Sunday 9:00 pm

**Warren CERT:** 443.550 PL 107.2 2<sup>nd</sup> & 4<sup>th</sup> Mondays 8:30 pm

**Macomb ARPSC:** 142.700 PL 100 Thursday 7:00 pm

**Oakland ARPSC:** 146.900- PL 100.0 Thursdays at 8pm

**Wayne ARPSC:** 145.33+ PL 100 Wednesday 9:00 pm

**Double Nickel:** 443.550 PL 107.2 Mondays 6:30 pm

**GMARC Information Net:** 145.210 PL 100.0 Mondays 8:00 pm

**Wayne Co. Repeater Crawl:** 145.330 PL 100 Fridays 7:00 pm

**Southeastern Michigan Traffic Net:** 146.760 PL 100.0 Daily 10:15 pm

# From the Treasurer, Bob N8REL

Hazel Park Amateur Radio Club						
Income Statement: Actual v Budget						
FYE 06-30-2026 as of April 30, 2026						
period as indicated						
*** does not include Repeater Grant activity....see separate statement ****						
	Current Month - April			Year to date		
	month ACTUAL	month BUDGET	Variance fav/ (unfav)	Actual YTD	Budget	fav/ (unfav)
Summary						
TOTAL INCOME	235.00	220.00	15.00	1,389.00	2,340.00	(951.00)
TOTAL EXPENSE	109.53	110.00	0.47	2,398.30	4,832.00	2,433.70
Net	125.47	110.00	15.47	(1,009.30)	(2,492.00)	1,482.70

  

ARDC Grant progress by month							
	at July 31, 2025	at Aug 31, 2025	at Sept 30, 2025	at Oct 31, 2025	at Nov 30, 2025	at Dec 31, 2025	at Jan 31, 2026
Avail at Beginning of Month	26,263.20	26,263.20	16,895.20	16,007.20	16,007.20	7,590.33	7,590.33
used	0.00	9,368.00	888.00	0.00	8,416.87	0.00	0.00
Remaining Grant fund NOT including Club contrib	26,263.20	16,895.20	16,007.20	16,007.20	7,590.33	7,590.33	7,590.33

## IT'S MY HOBBY, WHAT CAN I DO?

NEW HAM OR OLD, WHAT MIGHT I DO AS AN AMATEUR RADIO OPERATOR

# PUBLIC SERVICE

How can I serve my community as a HAM

Some people like to get on their radio and just find people to talk to. Some want to do contests or go out and do POTA. But that is not everyone. Maybe you got your license because you realized that if something really bad happens the only communications that will continue to work is amateur radio. That may mean you are more focused on emergency preparedness.

Emergency preparedness is a very different way of using your license. For example we don't just get on frequency and jibber jabber. We keep all of our messages as short as possible realizing that when I am keyed up Priority/Emergency traffic can not get through. But there is way more to it than that. We have local Community Emergency Response Teams (CERT) and Amateur Radio Public Service Corps (ARPSC) teams. CERT teams are usually city based and ARPSCs are county based but they do similar things. The biggest difference between the two is ARPSC is focused on emergency Communications because pretty much everyone has their license and CERT teams, many or most do not have their license.

The kind of things that these teams do normally is train and practice for emergencies. Not emergencies like a heart attack (but not out of scope completely,) but tornados, floods, terrorist attacks, those kinds of emergencies. We train and hope we never need to use our training.

In the mean time the good teams do several events throughout the year. Some are just radio tests, "You go there, You go there and you go there and see if you can make contact simplex." Another common activity is hospital nets. Often an operator will be at every hospital in the county and make sure they can all communicate with each other and other hams, members and not are also allowed to check in helping to show wherever the emergency is in the county all hospitals can communicate there too.

2 times a year the state comes up with a scenario for a Simulated Emergency Test (SET). Each county get's that same scenario and county EM leadership fine tunes the scenario to fit their county. On May 2 the scenario was a widespread and extended

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