

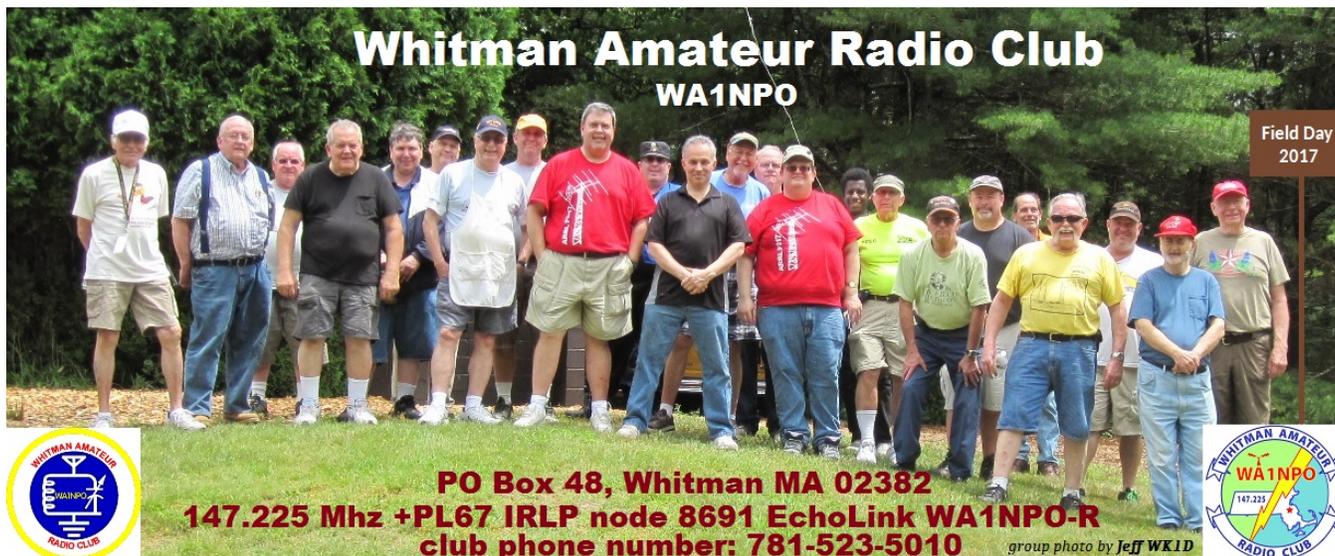


# SPECTRUM



The Voice of the Humble Electron

Founded 1962



**In this issue:**  
**NEAR-Fest October 13, 14th 2017**



**Happy 100<sup>th</sup>  
 Birthday  
 George Davis  
 KC1FZ !!**

**Bill N1FRE is  
 selling his R8  
 vertical**



## Whitman Amateur Radio Club Meeting 10/04/17



**Paul Moss KB1MTW** V.President    **Larry Kenney W1VP** Secretary    **Jeff Tracy N1SOM** Treasurer    **Joe Amorelli K1JMA** President

**ATTENDANCE:** 38 members and guests were present including 4 elected officers

W1VP Larry Kenney	K1JMA Joe Amorelli	KB1MTW Paul Moss
N1SOM Jeff Tracy	KB1OEQ Ron Stundze	AG1B Richard Metcalf
WK1D Jeff Ayres	N1POO Pete Carlson	W1OD Steve Cohn
N1IQI Loren Pimentel	KB1IKH Elayne Tovet	W1JT Jim Tovett
KB1MJL Al Marshall	KC1BZK Christopher Kelly	WG1L Jim O'Rourke
KA1KIJ Bob Azanow	W1VU Bob Egles	KB1MOC Kevin Dykes
WD1L John Nelson	W1MBH Scott Mitchell	W6TOM Tom Murphy
N1OYH Carl Davis	KC1FZ George Davis	KC1EUJ Kurt Sundwall
W1AEM Matt Kane	W1JDG John Ginsberg	WA1BEE Allen Hiltz
WA1TOM Tom Luckman	N1MAG Wayne Galvin	W1LQK Dave Kaplan
K1WGU Bob Bass	KC1FZI Joe D'Antonio	W1EKG Ross Hochstrasser
WI1G John Murphy	K1FAB Fred Birtwell	K1UFO Billy Robinson
N1STV Steve Cote	WA1MAD Mike Davis	

### **Secretary's Report:**

President **Joe Amorelli K1JMA** called the meeting to order at 7:00pm 10/04/17. A quorum was present.

The Pledge of Allegiance was recited, followed by an attendance roll call.

Treasurer **Jeff N1SOM** read the September 2017 treasurers report. Motion to accept the report as read made by **Jeff WK1D** with a second by **Pete N1POO**. Motion passed quorum vote.

Secretary **Larry W1VP** indicated the September 2017 meeting notes were published online on the club website. Motion to accept the September 2017 meeting notes as published made by **Jeff WK1D** with a second by **Kurt KC1EUJ**. Motion passed quorum vote.

**Health & Welfare** report by **Elayne KB1IKH**.

**Elayne** reports a get well card was sent to **Randy KC1EFF**, a Get Well card was sent to **Chris N1CFB** and a sympathy card sent to **Jeff N1ZZN**.

**Mike WA1MAD** informed everyone **Chris N1CFB** was doing well.

### **Net Control for October 2017**

- **October 8th: Richard AG1B**
- **October 15th: Jeff WK1D**
- **October 22nd: Jeff N1SOM**
- **October 29th: Mike WA1MAD**

### **New Members:**

- No new members this month

### **Announcements:**

- **Joe K1JMA** recognized club member **George Davis KC1FZ** (a club member since 1985) as he turns 100 year old! The club members collectively sang Happy Birthday to George.
- **Mike WA1MAD** will continue taking photos of folks who have signed up for photo ID badges after the meeting.

### **New Business:**

- **Joe K1JMA** reminded the membership to keep the club newsletter in mind as a way to share interesting info and/or photos from club events, new radios or other interesting new technology you've discovered and even items for sale. Please submit info to **Larry W1VP** (via the [WA1NPO@gmail.com](mailto:WA1NPO@gmail.com) email).
- **Joe K1JMA** recognized **Ross W1EKG** as having NEAR-Fest tickets for sale. Thanks Ross for again making these available for sale prior to NEAR-Fest!
- **Ross W1EKG** reminded folks he will be starting a Technician class on October 19<sup>th</sup> at the Whitman Police Station. A General class will be starting sometime just after the December 7th VE testing session.
- **Paul KB1MTW** updated everyone on the recent Pine St. equipment sale which yielded \$167. Paul thanked everyone who participated. Paul further mentioned anyone with equipment to sell on consignment at NEAR-Fest on the Whitman club table, please see him. He will be leaving Friday morning (Oct 13<sup>th</sup>). **Mike WA1MAD** suggested volunteers be arranged for clean-up of the Whitman club area at NEAR-Fest. **Joe K1JMA** referred to **John W1IG** who is managing the event. John indicated this has been taken care of. **Elayne KB1IKH** asked where

the location of the Whitman club table will be this time? **Joe K1JMA** and **Paul KB1MTW** both confirmed it would be back in it's original (outside) location.

- With the recently renewed interest in 900Mhz, **Paul KB1MTW** brought in his hand-made 900Mhz antenna for show & tell purposes. Paul referenced the July 2009/Page 33 QST article on building a coaxial dipole antenna.
- **Paul KB1MTW** also showed a 900Mhz Yagi beam antenna built by **Richard AG1B**. Richard estimated the gain to be approx 15db. He's offered the Yagi up for auction to the club membership. **Kurt KC1EUJ** made a \$10 donation to the club for this purpose. A short discussion took place regarding coax cables etc which the club has for sale to club members. **Mike WA1MAD** mentioned this months QST magazine has an article on coax types and the signal loss for each.
- **Paul KB1MTW** further noted an outboard boat motor is available also (needs carb work). Paul noted **Pete N1POO** worked on this motor. See Paul if interested.
- **Paul KB1MTW** mentioned he knows of a Honda generator that is for sale: EU3000IS for \$1000. Please see Paul if interested.
- **Bob KA1KIJ** asked if there's any details regarding this years Thanksgiving special event held at the Plimoth Plantation? **Joe K1JMA** indicated he'll be speaking with their management folks soon and will have an update at our next (November) meeting.

Motion to adjourn the meeting made by **Steve W1OD** with a second by **Jeff WK1D**. Motion passed a quorum vote.

**Joe K1JMA** adjourned the meeting at 7:25pm, 10/04/17

### End Secretary's Report

After the meeting, **Tom Murphy W6TOM** gave a very interesting talk regarding Resolving power line interference. Tom will also give this presentation at the upcoming NEAR-Fest event.

Thanks Tom!

**Whitman club meeting**

**October 4th 2017**

Photos by Jeff WK1D



Happy 100th Birthday **George Davis KC1FZ**





Photo's for new badges





Following the club meeting **Tom W6TOM** gave us his NEAR-Fest presentation:

**RESOLVING POWER LINE INTERFERENCE** presented by Tom Murphy, W6TOM who worked for Pacific Gas and Electric's Communications Department for 29 years and was involved in resolving interference issues to company radio systems and RTVI, Radio TV Interference complaints from customers. His talk will deal with determining if the interference is utility or other sources, what equipment is used by

the utility to locate interference, what you can do to locate the source and assist the utility and how to deal with the utility when making a complaint



Unfortunately, we could not get the projector working. **Tom W6TOM** carried on anyway and gave us a very interesting talk.





**Ross WIEKH** with a 5868 power triode

The weather was great for this falls NEAR-Fest (maybe a little cold Thursday night/Friday morning but otherwise very nice)

The Whitman clubs table was back outside in it's usual location. Thanks as always, to **Ross WIEKG** for volunteering his time and efforts to be part of the NEAR-Fest staff and helping make the event happen again this fall.

Thanks also to **John WIIG** for volunteering him time and efforts to be the event coordinator for the Whitman club and to **Paul KB1MTW**, along with John for moving equipment, setting up/taking down the tables, the pop-up/easy-up canopy, the chairs etc.

Thanks also to **all** others who spent time at our Whitman club table, who helped with setup/take down, clean up and the actual table sales during the event. A fun time was had by all it seems. See the full roster in this article for all who attended the event and signed in at our table.

As Mr. Mike said at the closing ceremony : “..see you in the Spring” - May 4<sup>th</sup> and 5<sup>th</sup> 2018 to be specific. Mark you calendars.



(L) **John WIIG** event coordinator for the Whitman club. (R) **Jeff NISOM** club treasurer



**Paul KB1MTW** club Vice President and equipment manager



**(l-r) Joe K1JMA, Jim W1JT, Elayne KB1KH, John WD1L, Billy K1UFO in front of the club table**



**Joe K1JMA with his new 900Mhz omni antenna and Jeff N1ZZN**



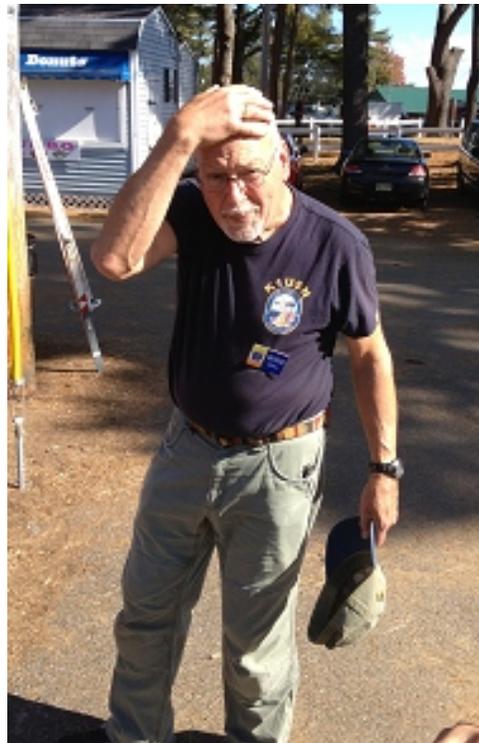
**Elayne KB1KH and Jim KB1PFL**



(l-r) **Chris N1CFB**, **Jeff N1SOM** and **John W1IG** at the club table



**Bob KA1KIJ** at the club table



**Mike W1MAD**- decisions, decisions.. to buy or not to buy...



**Chris N1CFB** feeling well and entertaining us at the club table.



Look what **Ross WIEKG** is coming home with.. Not just a pair but 3 AN/ART-13 Collins military transmitters. (2 in the back of the van (below) and 1 strapped into the passenger seat (left) for a safe ride home!





(I) We found **Jeremy KB1REQ** in the lower parking lot area with items for sale.



**Jeff N1SOM** being the treasurer!



**Matt W1AEM** checking out the far out vinyl records



(I) The JAM Friday night.  
**Bob KA1KIJ** on keyboards

## Whitman Club NEAR-Fest sign-in log

W1VP Larry Kenney  
KA1DTA David Rezendes  
N1STV Steve Cote  
N1CFB Chris Babbitt  
KC1EUJ Kurt Sundwall  
K1UFO Billy Robinson  
WA1YKF Warren Dickie  
KB1IKH Elayne Tovet  
AB1CQ Gary Cumisky  
W1AEM Matt Kane  
N1ISS Mark Sullivan

K1JMA Joe Amorelli  
W1IG John Murphy  
KC1JRA Gary Silvia  
N1SOM Jeff Tracy  
KA1KIJ Bob Azanow  
N1ZZN Jeff Lehmann  
W1JGR John Ruppel  
WD1L John Nelson  
Dave (SWL)  
N1WIG Sam Webber  
W1VU Bob Egles

KB1MTW Paul Moss  
WA1MAD Mike Davis  
KB1PFL Jim Madden  
W1EKG Ross Hochstrasser  
K1FAB Fred Birtwell  
KB1TEE Rick Emord  
W1JT Jim Tovet  
W1GTX Paul DeLery  
NM1F Jim Ford  
KB1REQ Jeremy Breef-Pilz  
KC1JET Jim Tynan

## NEAR-FEST

*Photos by Fred K1FAB*



(l-r) Mike WA1MAD, Chris N1CFB, Jeff N1SOM and Paul KB1MTW at the club table



(l-r) Paul KB1MTW, Bill K1UFO, Mike WA1MAD, Chris N1CFB and Jeff N1SOM



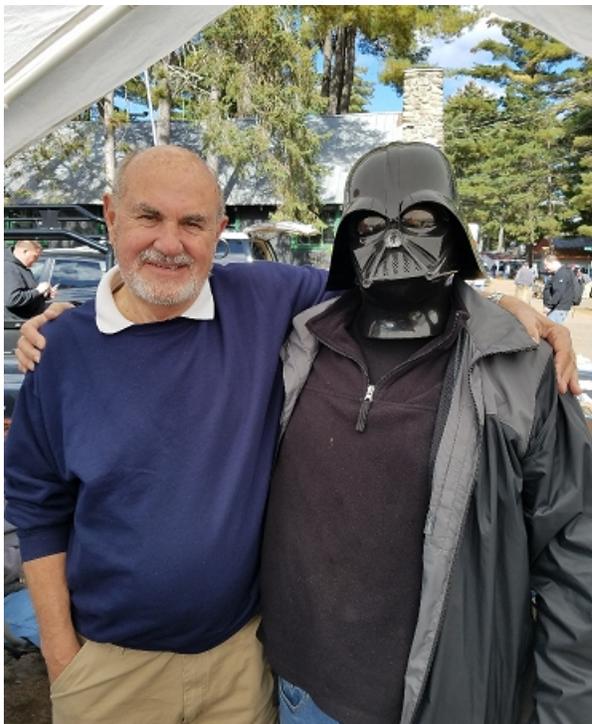
(l) Joe K1JMA and Larry W1VP at the club table.

(r) Mike WA1MAD



# ***NEAR-FEST***

Photos by Q W1QWT



**(l-r) Bob K1NOK and Darth (W1QWT)**



**(l-r) Steve KC1HO, Karl NS1N and Garry AB1CQ**



**Dinner Friday night at the Texas Roadhouse (l-r) Jeff N1ZZN, Warren W41YKF, Steve KC1HO, Q W1QWT, Bob KB1FBA, Karl NS1N, and Bob W41TGN**

# NEAR-FEST

Photo by Steve KB1WNX



Closing ceremony in the Relaxation Grove. **Mr Mike WIRC** pulling the Elecraft KX2 door prize winning ticket : **Pi K1RV** !



A few days later, **Pi K1RV** receives his door prize!

*Photo by Larry W1VP*



## Cushcraft R8 40-6m omnidirectional vertical antenna

For Sale by **Bill N1FRE**

This antenna covers 6,10,12,15,17,20,30 and the 40M band

Original paperwork and installation instructions included

- An additional 10 foot, 1.5in schedule 40 galvanized steel mast included
- New Guy kit (never used) also included
- Antenna length is 28.5 ft. (not including the 10 ft mast Bill is including)
- Antenna was in use, tuned and working fine. It's been disassembled into 3 sections for easy transport. Can be easily re-assembled at installation time.

•R8 Specifications:

Gain: 3 dBi

Power: 1500 watts CW

VSWR Resonance: 1.3:1 typical

Vertical Radiation Angle: 16

Horizontal Radiation Angle: 360

Connector: UHF

Height: 28.5 feet (8.7 m)

Weight: 23 lbs. (10.5 kg)

Wind Load: 1.5 sq/foot

Wind Surface Area: 2.5 sq ft



*Illustrated R8 antenna (not a picture of the actual item for sale)*

Link to more info at:

<http://www.cushcraftamateur.com/Product.php?productid=R-8>

\$450 or BRO

For more info, email Bill at: [wf.hayden@verizon.net](mailto:wf.hayden@verizon.net)



Note: new addition: The NorthEast Cracker Barrel net, daily 7pm on 3921 Khz



## HAM RADIO LOCAL AREA NETS

If you know of a Ham Radio Local Area Net that is not listed here, a typo on the information, or a Net listed which is no longer active, please contact Barry – N1EZH at: [N1EZH@comcast.net](mailto:N1EZH@comcast.net), so this list can be updated. All Frequencies are in MHz and 6 Meters (50.0 MHz and up.), are FM Mode unless otherwise noted. Thanks!

**Sunday:** **WA1NPO – WARPSN Net, 8:30 AM, Whitman ARC Rptr, 147.225 +, PL 67.0**  
6 Mtr AM Net, 5:00 PM, 50.400.0 AM, Scituate  
NE Cracker Barrel Net, **7:00 PM Daily** (Matt – W1AEM, NCO on Sun), 3.921.00 MHz LSB  
Pilgrim Amateur Wireless Assoc. 10 Meter Net, 7:00 PM, 28.375.0 USB  
Cape & Island Traffic Net, Every Night at 7:30 PM, Falmouth N1YHS Rptr, 147.375 + PL 110.9  
Genesis ARC CW Training Net, 7:00 PM, Plymouth N1ZIZ Rptr, 146.685 – PL 82.5  
Eastern MA 2 Mtr Traffic Net, Every Night at 8:00 PM, Boston W1BOS Rptr, 145.230 – PL 88.5  
Norfolk County Radio Association Net, 8:00 PM, Walpole Rptr, 146.895 – PL 123.0

**Monday:** Cape and Islands Weather Net, 6:00 AM, Mon – Sat, Dennis K1PBO Rptr, 146.955 – PL 88.5  
Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0  
Norfolk County Emergency Preparedness Net, 8:00 PM, Walpole Rptr, 146.895 – PL 123.0  
Falmouth ARA Net, 7:30 PM, Falmouth K1RK Rptr, 146.655 – PL 88.5  
Boston ARC Rag Chew Net, 9:00 PM, Boston W1BOS Rptr, 145.230 – PL 88.5

**Tuesday:** Massasoit ARA Net, 8:00 PM, Bridgewater W1MV Rptr, 147.180 + PL 67.0 (**Except 3<sup>rd</sup> Tue!**)  
Genesis ARC 2 Mtr Rag-Chew Net, 7:30 PM, Plymouth N1ZIZ Rptr, 146.685 – PL 82.5  
Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0  
Norwood Amateur Radio Club Net, 8:00 PM, Norwood Rptr, 147.210 + PL 100.0  
**220 MHz Day! Try to find a 220 Repeater near you and give a call out!**

**Wednesday:** Taunton ACG, KC1TAC, 2 Mtr Simplex Net, 8:30 PM, 145.770  
Whitman ARC 10 Meter Rag-Chew Net, 8:00 PM, 28.333.0 USB (**Except 1<sup>st</sup> Wed!**)  
Blackstone Valley ARC , 2 Mtr Simplex Net, 7:00 PM, 146.565  
Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0  
Cape and Islands ARES Net, 8:00 PM, Dennis K1PBO Rptr, 146.955 – PL 88.5  
Waltham Wranglers Swap Net. 9:00 PM, Waltham W1MHL Rptr , 146.64 – PL 136.5

**Thursday:** Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0  
Genesis ARC CW Training Net, 7:00 PM, Plymouth N1ZIZ Rptr, 146.685 – PL 82.5  
10 Mtr General Class Rag-Chew Net, 8:00 PM, 29.470.0 FM  
Sturdy Mem. Hosp. ARC ARES Practice Net, 8:30 PM, K1SMH Rptr, 147.195 + PL 127.3  
**900 MHz Day! Try to find a 900 Repeater near you and give a call out!**

**Friday:** Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0

**Saturday:** South Shore Skywarn Net, 8:00 PM, Bridgewater W1MV Rptr, 147.180 + PL 67.0  
\*VKEMCOMM\* Echolink Conference node: 270177/IRLP 9508 (due to \*WX-TALK\* Echolink conference node: 7203/IRLP 9219 outage) Refer to: <http://www.voipwx.net/>



The **WARPSN** NET meets every Sunday morning at 8:30 a.m. on the Whitman REPEATER 147.225 MHz (PL 67). Come join in and share your amateur radio related activities with the other area HAMS and short-wave listeners as well. We need your updates for the newsletter.

As part of our training, we encourage everyone to practice sending routine RADIOGRAM messages. Make up a National Traffic System (NTS) traffic message and send it to a friend. We also encourage everyone to try your hand at Net Control. Contact **Bill N1FRE** for a Net Control handout or visit our website at:

[www.wa1npo.com](http://www.wa1npo.com) and follow the link for the Sunday Public Service Net  
([http://www.wa1npo.org/index.html#Sunday\\_Public\\_Service\\_Net\\_Control](http://www.wa1npo.org/index.html#Sunday_Public_Service_Net_Control))



### MEETING SCHEDULE

Meetings are held on the first  
Wednesday of each month

The next meeting will be held at the  
Whitman Knights of Columbus, which is  
located at 1195 Bedford Street  
(Rt. 18) in Whitman, Mass.

### NEXT MEETING

Wednesday, November 1<sup>st</sup> 2017  
Whitman Knights of Columbus

### NEXT MOTA/Repeater MEETING

Wednesday, November 15<sup>th</sup> at 7:00 p.m.  
on the Whitman 147.225 repeater

Club REPEATER 147.225 MHz PL 67

Club IRLP Node 8691

Club EchoLink: WA1NPO-R Whitman MA USA

Club EchoLink Node 484193

### CLUB OFFICERS

<u>President</u>	<u>Joe Amorelli</u>	<u>K1JMA</u>
<u>V. President</u>	<u>Paul Moss</u>	<u>KB1MTW</u>
<u>Secretary</u>	<u>Larry Kenney</u>	<u>W1VP</u>
<u>Treasurer</u>	<u>Jeff Tracy</u>	<u>N1SOM</u>
<u>Director</u>	<u>John Nelson</u>	<u>WD1L</u>
<u>Director</u>	<u>Ron Stundze</u>	<u>KB1OEQ</u>
<u>Director</u>	<u>Richard Metcalf</u>	<u>AG1B</u>
<u>Director/</u>		
<u>Past President</u>	<u>John Murphy</u>	<u>WI1G</u>
<u>Health/Welfare</u>	<u>Elayne Tovet</u>	<u>KB1IKH</u>

Web Master: Jeff Lehmann N1ZZN

E-Mail: [n1zzn@comcast.net](mailto:n1zzn@comcast.net)

Web Site: <http://www.wa1npo.org>

Training Coordinator

Ross Hochstrasser W1EKG

E-Mail: [bavarianradio@comcast.net](mailto:bavarianradio@comcast.net)

Club House / Equipment Coordinator

Paul Moss KB1MTW

E-Mail: [pm.moss@comcast.net](mailto:pm.moss@comcast.net)

Newsletter Editor

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