

# Jefferson County Amateur Radio Club

## *Members Packet*

*2023-24*



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## Jefferson County Amateur Radio Club Member Info

Updated for 2023-24

### MONTHLY EVENTS

#### JCARC Club Meeting

When: First Saturday of each month  
9:00am  
Where: St. Clement Health Care Center  
300 Liguori Dr., Liguori, MO 63057

#### Breakfast at Sherwoods

When: 7:30am, before club meetings  
Where: Sherwood Classic Eats  
1725 Catlin Dr., Barnhart, MO

#### JCARC Board Meeting

When: Second Monday of each month  
6:00pm  
Where: Mercy Jefferson Hospital, Conference Rm A  
Festus, MO

*Only board members may vote, but anyone is welcome to attend.*

### ANNUAL EVENTS

#### Field Day

When: Sat-Sun June 24-25  
Where: 8093 Tower Rd.  
Hillsboro, MO 63050

#### Bottleneck Bridge Bike Ride

When: Sun. August 13  
What: JCARC provides widespread emergency communications  
Where: Begins in downtown Festus, extends through southern Jefferson County

#### Twin City Days (Booth)

When: Sat. September 9  
Setup: 7:30am Begin: 9:00am  
End: 2:30pm

#### Christmas Party/December Meeting

When: Sat. December 2<sup>nd</sup>  
1:00pm  
Where: TBA

### REPEATERS

FM/Echolink – 147.075, offset +0.6 MHz, 141.3 tone  
C4FM Wires X – 147.105 +0.6 MHz, no tone  
FM – 442.425 MHz

### NETS

#### Weekly Emergency Practice Net

When: Each Monday, 8pm  
Freq: 147.075

#### Monthly Emergency Simplex Net

When: First Monday each month  
Immediately following Monday Night Net  
Freq: 146.550 Simplex

#### Come as You Are Net

When: Each Wednesday at 9am  
Freq: 147.075

#### Gateway to the West

When: Each Friday, 8pm  
Freq: 147.105 Wires-X

### CLUB RADIO STATION

Where: St. Clement Health Care Center  
300 Liguori Dr.  
Liguori, MO 63057  
What: HF, VHF, UHF radio setup  
Available at monthly meetings  
Available by appointment  
Gerry Patin (phone/text)  
1-262-269-6125 (cell)

### CONTACT

Email: [jcamoham@gmail.com](mailto:jcamoham@gmail.com)  
Website: [jcarcmo.org](http://jcarcmo.org)  
[easternmobeacon.com](http://easternmobeacon.com)



## Jefferson County Amateur Radio Club Roster

Yellow=Added Since May 1, 2023

Call Sign	Phone	First Name	Last Name	City	Email	Club Officer
NØZIB	314-526-8243	Adam	Allen	Pevely	mradam79@gmail.com	Trustee
KDØVEB	314-420-7802	Bill	Amblo	House Springs	billkd0veb@gmail.com	Secretary
KF9FJ	270-970-3298	Timothy	Armstrong	Barnhart	kf9fj@tims-zone.us	
N9UGX	270-970-8290	Melissa	Armstrong	Barnhart	melissa.armstrong123@gmail.com	
WAØCKU	636-937-0526	Nan	Backes	Hillsboro	astaircat@gmail.com	
WØKPX	573-860-4536	Sean	Barton	Sullivan	seanbart@fidnet.com	
KFØDBR		Dennis	Bentley	Hillsboro	dcbentley@gmail.com	
KEØYXX	314-623-2497	Ray	Benton	Festus	rbenton01@yahoo.com	Vice President
W1KEB	314-681-4718	Tim	Benns	DeSoto	w1keb891@gmail.com	
AAØLM	633-933-4979	Michelle	Berger	Crystal City	aa0lm@att.net	
WAØFQK	633-933-4979	Jim	Berger	Crystal City	aa0lm@att.net	
KFØMRB	217-304-4799	Mike	Bransford	St. Louis	m_bransford@yahoo.com	
NOCALL	636-224-2836	David	Briest	Pevely	david.briest@gmail.com	
KEØVZP	314-458-6637	Aubrey	Brown	St. Louis	<a href="mailto:arb1246@gmail.com">arb1246@gmail.com</a>	
KFØKNS	314-348-5162	Mike	Bruenger	Festus	m_bruenger@charter.net	
KØSGB	314-973-3606	Steven	Brust	Pevely	<a href="mailto:stevenbrust@Yahoo.com">stevenbrust@Yahoo.com</a>	
NØNTL		Phil	Burlingame	Mapaville	n0ntl@charter.net	
KBØTMN	314-560-4630	Tony	Champ	Festus	champ6025@gmail.com	
KCØJWC	636-594-5518	Jerry	Craig	Ellisville	jwcraig.stl@gmail.com	
KBØTGK	314-277-6031	Donald	Cummins	Crystal City	drsjcummins12@gmail.com	
WØJET	573-702-4643	Howard	Dohack	Crystal City	hdohack@gmail.com	
NØCYF	314-753-4271	Art	Ellegood	Fenton	ellegaw@me.com	Board Member
KCØKFP	636-479-5991	Dennis	Feldkamp	Pevely	kc0kfp@hotmail.com	
KEØTTE	636-495-5285	Christopher	Frost	Pacific	brewcarpenter@gmail.com	Board Member
KEØTTG	636-495-5285	Liam	Frost	Pacific	ke0ttgantennas@gmail.com	
WØGEF	314-740-0741	Gladys	Fuqua	Festus	glad3933@yahoo.com	
WAØYZW	314-740-0741	Charles	Fuqua	Festus	HAM3933@GMAIL.COM	
NOCALL	760-828-0272	Brittany	Haffner	Desoto	britthaffner@yahoo.com	
KE5HBD		Jeffrey	Kulbeth	St. Louis		
KFØCUH	314-578-5349	Kevin	LaCostelo	Hillsboro	killacostelo@outlook.com	
KØKEV	314-494-1943	Kevin	Lafata	St. Louis	k1afata@highorbit.com	
W3ED	636-789-4133	John	Maurais	Hillsboro	john.maurais@gmail.com	
KØNKM	636-524-5472	Nadine	Merseal	Desoto	littcklet@yahoo.com	
KEØSBR	636-274-4493	William	Meuser	Dittmer	ke0sbr@arrl.net	
NØWDG	636-296-8056	Kevin	Naumann	Imperial	n0wdg@att.net	
NØPOD	314-608-1299	Donald	Nolan	imperial	donod2@gmail.com	
KC9TQU	618-939-3085	Gerald	Nungesser	Waterloo	gensr@htc.net	
NØNSP	314-269-6788	Ron	Oberkrom	Imperial	rondo73@yahoo.com	
KDØEPA	636-282-0328	Bill	Page	Arnold	kd0epa@qsl.net	
KB8QAV	262-269-6125	Gerry	Patin	Ligouri	gerrypatin@aol.com	Board Member

WD8DSF	616-443-1095	Andy	Patin	Ligouri	patinandy@yahoo.com	
KCØDFA	636-343-7011	John	Peterein	Festus		
NOCALL	636-524-1044	Mark	Richardson	Festus	markplans2@yahoo.com	
KBØWWQ	636-933-0576	Lori	Robinson	Festus	lorikb0wwq@gmail.com	Treasurer
ADØAJ	314-894-0733	Gary	Roland	St. Louis	garynumber24@aol.com	
KBØRQJ	314-894-0733	Donna	Roland	St. Louis	kb0rgj@aol.com	
KDØRIS	314-223-6646	Gary	Roth	Festus	CAPT1760@aol.com	
KCØWGZ	314-822-3732	Kay	Schaumann	Kirkwood	jps@byu.net	
WØKZ	314-822-3732	Jon	Schaumann	Kirkwood	jps@byu.net	
WBØRDS	314-602-9005	Rich	Schlittler	Hillsboro	whiskeybravo0reallydrunksailor@gmail.com	
W1PAS	314-717-8281	Pam	Shadow	DeSoto		
KFØCYJ	314-605-4213	Jeff	Sickles	House Springs		
ABØRJ	573-368-8840	Miles	Somer	STL	alphabravo0radiojapan@gmail.com	
KAØNSO	314-280-5202	Frank	Spavali	St. Louis	copterminus@gmail.com	
KCØVZK	636-575-6278	Jennifer	Stokes	Imperial	deftooltones@hotmail.com	
NØDSS	636-677-3040	Derek	Stokes	Imperial	n0dss@hotmail.com	
KBØFLU	314-578-9536	Charlie	Street	Imperial	streewpcs@msn.com	
NØKQV	314-578-6541	Bill	Street	Imperial	streewpcs@msn.com	
KØSLU	636-464-9830	Bob	Stusse	Barnhart	sgtnogo@sbcglobal.net	
NØHKK	314-223-1415	John	Tucker	Arnold	john@johnwaynetucker.com	President
WØIFP	314-954-0378	Paul	Turek, Sr	Cedar Hill	deaconpaul@att.net	
KØWRW	314-591-6227	William	White	House Springs	bmwwrw@yahoo.com	
KEØPHU	314-591-6227	Blanche	White	House Springs	bmwwrw@yahoo.com	
KFØBMX	314-221-5112	Carl	Wilhelm	Festus	tenringarcher@yahoo.com	
KFØMKN	801-369-4230	Willford	Wulfenstein	Fenton	miamiwulf@gmail.com	
KDØGSA	314-846-6176	Robert	Woods	St. Louis	kd0gsa@sbcglobal.net	
<b>Our Honored Silent Keys</b>						
KAØMEB	Al	Ruder				
KC9JLI	John	Kessler				
KAØRGI	William	Decorsi				
<b>Space Below for Additional Write-ins</b>						



## Jefferson County Amateur Radio Club Emergency Plan

### *Updated for 2023-24*

The JCARC Emergency Plan is designed to provide all club members with the information necessary to work together and effectively respond in the event of an emergency.

#### **In preparation for this initial plan:**

- A *Club Member Review* was held on Jan. 17, 2023 at 6:30pm via Zoom.
- A *Coordination Meeting* was held on Zoom on Jan. 31, 2023 at 4pm with leadership of the Jefferson County Office of Emergency Management, ARES/Jefferson County.
- An edited first draft of the plan was submitted at the February 2023 JCARC Board Meeting.
- Distribution (described below) to take place spring 2023.

#### **Distribution Annually:** (the first annual distribution will be during spring 2023)

- A printed copy will be available to all club members as part of a *member's packet* beginning with the August Meeting.
- A digital copy distributed via a club-wide email each September.
- An updated copy will be posted at JCARCMO.ORG and at [The Eastern Missouri Beacon \(easternmobeacon.com\)](http://The Eastern Missouri Beacon (easternmobeacon.com)).
- An updated printed and digital copy will be on file at the Jefferson County Office of Emergency Management.
- An updated digital copy sent to Jefferson County ARES.

#### **Updated Annually:**

- Suggestions for an update by any club member are welcome and should be brought to a club officer or board member.
- Any suggested updates will be discussed for approval at the June board meeting.
- Board will vote to approve the updated version at the July board meeting.
- Both digital and hard copies of the emergency plan will be distributed to club members as part of their updated club packet each August.

#### **Club volunteer lists to be created and updated annually:**

- Those prepared as *Emergency Net Control Operators* and *Back-up Net Control Operators*
- Those prepared as *Emergency Net Relay Operators* and *Logging Operators*
- Those assigned to be stationed at the Jefferson County Office of Emergency Management
- Those assigned to be stationed at the Mapaville Fire Department during a Level 4 Simplex Net
- Those assigned to be stationed at Mercy Jefferson Hospital (HARN)

#### **Training of club members - Training will be provided for all volunteers as described below:**

- Training for Level 1 Weather Emergency will be provided:
  - Through volunteer participation in the National Weather Service SKYWARN Storm Spotter Program
  - Participation in scheduled Weather Practice Nets, including the Annual Statewide Tornado Drill
  - Scripts for a Severe Weather Net and Practice Severe Weather Net are included
- Regular training of Level 2 and Level 3 procedures through the *JCARC Monday Night Practice Net*
- Regular training of the Level 4 (SIMPLEX) procedures through the *JCARC Level 4 Simplex Emergency Net* each month on the first Monday of the month immediately following the Monday Night Emergency Net - 2 meter simplex: 146.550 MHz.
- Assistance available from the club to any club member with issues in joining the Level 4 Simplex Emergency Net (operating a radio in simplex mode)
- Training will be included in club meetings as necessary.



### FLOW CHART - EMERGENCY LEVELS AND RESPONSE

For purposes of clarity, The JCARC Emergency Plan defines four emergency levels and the planned response to each. Levels 2,3, and 4 are non-weather-related emergencies and the sequence of events is outlined below.

**AN EMERGENCY IS DECLARED**

The Jefferson County Emergency Office Leadership Team,  
 Warren Robinson, Director or  
 Jina Akins, Assistant Director  
*initiates Jefferson County amateur radio assistance by contacting Jefferson County ARES officers Art Ellegood or Lori Robinson*

Jefferson County ARES officers Art Ellegood or Lori Robinson contact an Emergency Net Control Operator and Relay Operator from these lists of trained volunteers

Net Control Volunteers—Control the Emergency Net		
Adam Allen	NØZIB	314-526-8243
Bill Amblo	KDØVEB	314-420-7802
Lori Robinson	KBØWWQ	636-433-0567
Bill Meuser	KEØSBR	636-274-4493
Don Nolin	NØPOD	314-608-1299
John Tucker	NØHKK	314-223-1415

Relay Volunteers—Report to Jeffco Emergency Office		
Adam Allen	NØZIB	314-526-8243
Mike Bruenger	KFOKNS	314-348-5162
Lori Robinson	KBØWWQ	636-433-0567
Ray Benton	KEØYXX	314-623-2497
Don Nolin	NØPOD	314-608-1299
John Tucker	NØHKK	314-223-1415

Depending on the operating condition of the club repeaters, a Level 2, 3, or 4 Emergency Net will be activated.

**LEVEL 2**  
 The 147.075 Mhz Repeater is Operational  
 An emergency net will be held on that repeater

**LEVEL 3**  
 The 147.075 MHz Repeater is NOT Operational - Emergency net will be held on the 147.105 MHz repeater

**LEVEL 4**  
 Neither the 147.075 or the 147.105 Repeater is Operational - Emergency net will be held on 146.550 MHz Simplex



## DETAIL DESCRIPTIONS - EMERGENCY LEVELS AND RESPONSE

For purposes of clarity, The JCARC Emergency Plan defines four emergency levels and the planned response to each.

**LEVEL 1 – Weather Emergency** – With the presence of a severe threat to our area, any club member is authorized to act as Net Control and initiate a Weather Net on the club **147.075 FM repeater**. It's advisable to appoint a *Relay Operator* to monitor the National Weather Service updates (162.55 MHz) and who can break into the net with the latest information. Procedural steps are outlined in the *Level 1 Weather Net Script* found in Appendix B.

*In response to an emergency declared by the Jefferson County Office of Emergency Management, the JCARC will be contacted by their management team and will initiate the appropriate Emergency Net, in conjunction with members of the Jefferson County ARES organization. The following level-responses are based on the availability of the JCARC-owned VHF repeaters:*

### **Level 2 – Declared Emergency, 147.075 Repeater Operating Properly - Level 2 Emergency Net**

An authorized club officer or member will act as *Net Control Operator* for a **Level 2 Emergency Net** on the club-owned repeater at 147.075 MHz. It's advisable to appoint a *Logging Operator* to handle back-up logging duties. A volunteer *Relay Operator* will report to the Jefferson County Office of Emergency Management to pass along 2-way emergency traffic (see Volunteer Lists, Appendix A). In the event of an extended-length net, it's advisable to assign a Back-up Net Control Operator. The JCARC Monday Night Practice Net will weekly simulate the procedural steps which are outlined in the *Level 2 Declared Emergency Net Script* found in Appendix C.

### **Level 3 – Declared Emergency, 147.075 Repeater Not Operating Properly - Level 3 Emergency Net**

In the event of an actual non-weather-related emergency when the 147.075 repeater is not operational for any reason, the club's **147.105 repeater**, which normally operates in digital mode, will be switched to FM mode with no tone by either *Club Trustee Adam Allen-NOZIB* or *Club President John Tucker-NOHKK* and be used for the **Level 3 Emergency Net**. An authorized club officer or member will act as *Net Control Operator* for a **Level 3 Emergency Net** on the club-owned repeater at 147.105 MHz. It's advisable to appoint a *Logging Operator* to handle back-up logging duties. A volunteer *Relay Operator* will report to the Jefferson County Office of Emergency Management to pass along 2-way emergency traffic (see Volunteer Lists, Appendix G). In the event of an extended-length net, it's advisable to assign a Back-up Net Control Operator. The JCARC Monday Night Practice Net will weekly simulate the procedural steps which are outlined in the *Level 2 Non-Weather Emergency Net Script* found in Appendix D.

### **Level 4 – Declared Emergency, both 147.075 and 147.105 Repeater Not Operating Properly – Simplex Net**

In the event of an actual non-weather-related emergency when neither club repeater is operational for any reason, authorized club officers or members will host a SIMPLEX Emergency Net at 146.550 SIMPLEX. Back-up simplex frequencies, if necessary - 146.520, 146.580. This SIMPLEX net operates with all participating radios working in simplex or "point-to-point" mode. Simplex mode is achieved in various ways depending on the user's model of radio. Any member requiring assistance in moving a radio to simplex mode should contact a club officer or board member and help will be arranged. An authorized club officer or member will act as *Net Control Operator*. It's advisable to appoint a *Logging Operator* to handle back-up logging duties. A volunteer *Relay Operator* will report to the Jefferson County Office of Emergency Management to pass along 2-way emergency traffic (see Volunteer Lists, Appendix A). In the event of an extended-length net, it's advisable to assign a Back-up Net Control Operator. The JCARC Monday Night Practice Net will weekly simulate the procedural steps which are outlined in the *Level 2 Non-Weather Emergency Net Script* found in Appendix C.



# Lists - JCARC Emergency Plan Volunteers 2023-24 – Appendix A

*Because emergency situations may occur when some volunteers are not available, lists of several volunteers for each job are adopted to ensure adequate coverage.*

## Emergency Net Control and Backup Operators

NAME	CALL SIGN	PHONE
Adam Allen	NØZIB	314-526-8243
Bill Amblo	KDØVEB	314-420-7802
Lori Robinson	KBØWWQ	636-433-0567
Bill Meuser	KEØSBR	636-274-4493
Don Nolin	NØPOD	314-608-1299
John Tucker	NØHKK	314-223-1415

These volunteers are prepared in an emergency to act as Net Control for Emergency Nets for Levels 2, 3, or 4.

## Emergency Net Relay Operators

NAME	CALL SIGN	PHONE
Adam Allen	NØZIB	314-526-8243
Mike Bruenger	KFOKNS	314-348-5162
Lori Robinson	KBØWWQ	636-433-0567
Ray Benton	KEØYXX	314-623-2497
Don Nolin	NØPOD	314-608-1299
John Tucker	NØHKK	314-223-1415

These volunteers are prepared to report to The *Jefferson County Office of Emergency* for Declared Emergency Levels 2, 3, or 4. Two operators, trained to use the on-site radio equipment at that location, will pass 2-way emergency traffic between the Emergency Office and the JCARC emergency net.

## Emergency Net Logging Operators

NAME	CALL SIGN	PHONE
Bill Amblo	KDØVEB	314-420-7802
Lori Robinson	KBØWWQ	636-433-0567
Don Nolin	NØPOD	314-608-1299
Ray Benton	KEØYXX	314-623-2497

These volunteers are prepared in an emergency record and maintain a written check-in log for Control for Declared Emergency Nets for Levels 2, 3, or 4.

## Net Control Operators–Mapaville Fire Dept.

NAME	CALL SIGN	PHONE
Lori Robinson	KBØWWQ	636-933-0576
Ray Benton	KEØYXX	314-623-2497

These volunteers are prepared to report to the Mapaville Fire Station to operate the on-site radio equipment to assist in relaying traffic in Emergency Nets for Levels 2, 3, or 4.

## Radio Operators–HARN

NAME	CALL SIGN	PHONE
Bill Amblo	KDØVEB	314-420-7802
Lori Robinson	KBØWWQ	636-433-0567
Ray Benton	KEØYXX	314-623-2497
John Tucker	NØHKK	314-223-1415

HARN emergencies may or may not coincide with a Declared Emergency Level 2, 3, or 4. These volunteers are prepared to report to *Jefferson Mercy Hospital* to operate their radio equipment to assist in the HARN hospital-to-hospital emergency communications. They should be adequately trained in the use of their equipment which is tested each month on the second Monday during the JCARC Monday Night Practice Net.





## Appendix B – Script - Level 1 Severe Weather Net

*(Can be activated by any club member on the 147.075 repeater)*

### **STEP 1 - OPEN THE NET**

This is (Name / Callsign) Net Control for the Jefferson County Severe Weather Net, in contact with the National Weather Service in St. Louis, MO. This is a directed Net - All communication is to be between net control and each check-in only. This net is being activated for Jefferson County Missouri through the Jefferson County Amateur Radio Club, call sign KB0TLL.

*(Read the official alert from the National Weather Service.)*

### **STEP 2 - ASK FOR CHECK-INS – Include these directions**

We are now taking check-ins for local weather reports. Please check in with your first name, call sign, location, whether you are a trained SKYWARN weather spotter, and your report of severe weather.

We are looking *in particular* for reports that include any of the following:

- TORNADOES, FUNNEL CLOUDS OR ROTATING WALL CLOUDS
- HAIL (DIME SIZE OR LARGER)
- WIND 50 MPH OR GREATER
- FLOODING
- RAIN ACCUMULATION IN EXCESS OF 1 INCH OR MORE PER HOUR
- DAMAGE BY WIND OR LIGHTNING
- DOWNED TREES OR POWER LINES

Please call now. (Take check-ins. Log each name/call and accumulate local information.)

*(Every 15 minutes, give your call sign and repeat the previous information.)*

*(Review local and warning information periodically.)*

### **STEP 3 - CLOSE THE NET**

Thanks to all for checking in and participating in the Jefferson County Severe Weather Net

This is [Name / Callsign] Net Control, now returning this repeater system back to normal use.



## Appendix C – Script - Level 2 Emergency Net

*(To be used when the 147.075 repeater is operational)*

**STEP 1 - OPEN THE NET** – “This is NAME - CALL SIGN. My QTH (location) is \_\_\_\_\_ and I am serving as net control for this JEFFERSON COUNTY AMATEUR RADIO CLUB EMERGENCY NET, call sign KBOTLL. This repeater operates with a 141.3 PL Tone. This net has been activated because an actual emergency currently exists in our area. (You may include specifics of the emergency here.) You are instructed to keep your radio tuned to this frequency for local information AND official emergency traffic. Please do not tune to other frequencies (such as for ARES emergency traffic.)”

**STEP 2 – ATTEMPT CONTACT WITH RELAY OPERATOR** – Trained volunteers are prepared to report to The *Jefferson County Office of Emergency* to pass 2-way emergency traffic between the Emergency Office and the JCARC emergency net. *List found on Page 7.*

**STEP 3 - SECURE A LOGGING OPERATOR** – “I’m looking for a volunteer to act as LOGGING OPERATOR for this emergency net (a list of trained volunteers is provided on page 7.) You will need to fill in a blank log, found in the appendix section of our club’s member packet. Do I have a volunteer for Logging Operator?”

- Pause for an answer. If no answer, ask again and repeat until you have a qualified volunteer.
- You should fill out a log yourself to aid in communications.

**STEP 4 – CONDUCT THE NET** – “We are taking check-ins now. Please check in in an orderly manner. If you have emergency traffic to pass on, please call now with your NAME, CALL SIGN, LOCATION, AND MESSAGE. Please call now.”

- What happens next depends on the nature of the emergency and the type of messages coming in. You may decide to take comments one at a time rather than making a list and coming back for comment.
- You are advised to remain calm, helpful, and be ready to assist and communicate as needed.
- In an emergency net, chit-chat and rambling conversation is discouraged.
- This is a Directed Net. All communication is to be between net control and each check-in only.
- You’re also advised to place the meeting of needs above formality. You are in net control to help maintain public safety and possibly save lives and will be called on to use good judgement.
- Be flexible with the RELAY OPERATOR. Passing emergency traffic is a priority.
- PERIODICALLY REPEAT STEP 1 AND STEP 4 ANNOUNCEMENTS
- You are repeating these announcements for the benefit of those just tuning into the net.
- BACK-UP OPERATOR(S) – as needed, you may need to announce to the net that you’re looking for a back-up net control operator (or more) to avoid having a fatigued operator.

**STEP 5 – CLOSE THE NET** - This is NAME - CALL SIGN CLOSING THE NET AND RETURNING THE REPEATER BACK TO NORMAL USE.

- You may want to preface this statement with details on why the net is no longer needed.



## Appendix D – Script - Level 3 Emergency Net

*(To be used when the 147.075 repeater is NOT operational)*

**STEP 1 - OPEN THE NET** – “This is NAME - CALL SIGN. My QTH (location) is \_\_\_\_\_ and I am serving as net control for this JEFFERSON COUNTY AMATEUR RADIO CLUB NON-WEATHER EMERGENCY NET, call sign KB0TLL. This repeater has been switched from digital mode to FM mode for emergency operations as our FM repeater at 147.075 is currently not operational. This repeater will be operating in FM mode with no tone for the duration of this emergency. This net has been activated because an actual emergency currently exists in our area. (You may include specifics of the emergency here.) You are instructed to keep your radio tuned to this frequency for local information AND official emergency traffic. Please do not tune to other frequencies (such as for ARES emergency traffic.)”

**STEP 2 – ATTEMPT CONTACT WITH RELAY OPERATOR** – Trained volunteers are prepared to report to The *Jefferson County Office of Emergency* to pass 2-way emergency traffic between the Emergency Office and the JCARC emergency net. *List found on Page 7.*

**STEP 3 - SECURE A LOGGING OPERATOR** – “I’m looking for a volunteer to act as LOGGING OPERATOR for this emergency net (a list of trained volunteers is provided on page 7.) You will need to fill in a blank log, found in the appendix section of our club’s member packet. Do I have a volunteer for Logging Operator?”

- Pause for an answer. If no answer, ask again and repeat until you have a qualified volunteer.
- You should fill out a log yourself to aid in communications.

**STEP 4 – CONDUCT THE NET** – “We are taking check-ins now. Please check in in an orderly manner. If you have emergency traffic to pass on, please call now with your NAME, CALL SIGN, LOCATION, AND MESSAGE. Please call now.”

- What happens next depends on the nature of the emergency and the type of messages coming in. You may decide to take check-ins one at a time rather than making a list and coming back for comment.
- You are advised to remain calm, helpful, and be ready to assist and communicate as needed.
- In an emergency net, chit-chat and rambling conversing is discouraged.
- This is a Directed Net. All communication is to be between net control and each check-in only.
- You’re also advised to place the meeting of needs above formality. You are in net control to help maintain public safety and possibly save lives and will be called on to use good judgement.
- Be flexible with the RELAY OPERATOR. Passing emergency traffic is a priority.
- PERIODICALLY REPEAT STEP 1 AND STEP 4 ANNOUNCEMENTS
- You are repeating these announcements for the benefit of those just tuning into the net.
- BACK-UP OPERATOR(S) – as needed, you may need to announce to the net that you’re looking for a back-up net control operator (or more) to avoid having a fatigued operator.

**STEP 5 – CLOSE THE NET** - This is NAME - CALL SIGN CLOSING THE NET AND RETURNING THE REPEATER BACK TO NORMAL USE.

- You may want to preface this statement with details on why the net is no longer needed.  
this statement with details on why the net is no longer needed.



## Appendix E – Script - Level 4 Emergency Net (Simplex Net - To be used when neither repeater is operational)

**STEP 1 - OPEN THE NET, 146.550 Mhz Simplex** – Alternate simplex frequencies - 146.520, 146.580 Mhz  
“This is NAME - CALL SIGN. My QTH (location) is \_\_\_\_\_ and I am serving as net control for this JEFFERSON COUNTY AMATEUR RADIO CLUB NON-WEATHER EMERGENCY NET, call sign KB0TLL. This “SIMPLEX NET” will operate at this frequency for both transmit and receive, so please ensure that your radio is set in SIMPLEX MODE. This net has been activated because an actual emergency currently exists in our area. You are instructed to keep your radio tuned to this frequency. (You may include specifics of the emergency here.) You are instructed to keep your radio tuned to this frequency for local information AND official emergency traffic. Please do not tune to other frequencies (such as for ARES emergency traffic.)”

**STEP 2 – ATTEMPT CONTACT WITH RELAY OPERATOR** – Trained volunteers are prepared to report to The *Jefferson County Office of Emergency* to pass 2-way emergency traffic between the Emergency Office and the JCARC emergency net.

**STEP 3 - SECURE A LOGGING OPERATOR** – “I’m looking for a volunteer to act as LOGGING OPERATOR for this emergency net (a list of trained volunteers is provided in Appendix A.) You will need to fill in a blank log, found in the appendix section of our club’s member packet. Do I have a volunteer for Logging Operator?”

- Pause for an answer. If no answer, ask again and repeat until you have a qualified volunteer.
- You should fill out a log yourself to aid in communications.

**STEP 4 – CONDUCT THE NET** – “We are taking check-ins now. Please check in in an orderly manner. If you have emergency traffic to pass on, please call now with your NAME, CALL SIGN, LOCATION, AND MESSAGE. Please call now.”

- What happens next depends on the nature of the emergency and the type of messages coming in. You may decide to take comments one at a time rather than making a list and coming back for comment.
- You are advised to remain calm, helpful, and be ready to assist and communicate as needed.
- SIMPLEX NET CONSIDERATIONS
  - Anticipate and expect some check-ins not to be heard by net control and vice-versa. You are encouraged to call on others in the net to assist and relay as needed.
  - Because there is no offset transmit frequency, all radios must be in simplex mode. Be prepared to assist as much as possible with those having difficulties setting simplex mode.
- In an emergency net, chit-chat and rambling conversing is discouraged.
- This is a Directed Net. All communication is to be between net control and each check-in only.
- You’re also advised to place the meeting of needs above formality. You are in net control to help maintain public safety and possibly save lives and will be called on to use good judgement.

- Be flexible with the RELAY OPERATOR. Passing emergency traffic from ARES should be considered a priority.
- PERIODICALLY REPEAT STEP 1 AND STEP 4 ANNOUNCEMENTS
- You are repeating these announcements for the benefit of those just tuning into the net.
- BACK-UP OPERATOR(S) – as needed, you may need to announce to the net that you’re looking for a back-up net control operator (or more) to avoid having a fatigued operator.

**STEP 5 – CLOSE THE NET** - This is NAME - CALL SIGN CLOSING THE NET AND RETURNING THE REPEATER BACK TO NORMAL USE.

- You may want to preface this statement with details on why the net is no longer needed.



## Appendix F – JCARC Level 1 Weather Practice Net

### STEP 1 – OPEN THE NET –

“Hello, this is NAME - CALL SIGN. My QTH is \_\_\_\_\_ and I will serve as net control for the JEFFERSON COUNTY AMATEUR RADIO CLUB EMERGENCY PRACTICE NET. Is there anyone that needs to use the repeater before we begin? (PAUSE FOR ANY RESPONSE. IF NONE, CONTINUE.)

This is (Name / Callsign) Net Control for the Jefferson County Severe Weather Net, in contact with the National Weather Service in St. Louis, MO. This is a directed Net - All communication is to be between net control and each check-in only. This net is being activated for Jefferson County Missouri through the Jefferson County Amateur Radio Club, call sign KB0TLL.”

(Read the official alert from the National Weather Service.)

### STEP 2 – CONDUCT THE NET

“We are now taking check-ins for local weather reports. Please check in with your first name, call sign, location, whether you are a trained weather spotter, and are looking for reports of severe weather, *in particular* reports that include:

TORNADOES, FUNNEL CLOUDS OR ROTATING WALL CLOUDS

HAIL (DIME SIZE OR LARGER)

WIND 50 MPH OR GREATER

FLOODING

RAIN ACCUMULATION IN EXCESS OF 1 INCH OR MORE PER HOUR

DAMAGE BY WIND OR LIGHTNING

DOWNED TREES OR POWER LINES

Please call now.” (Take check-ins. Log each name/call and accumulate local information.

(Every 15 minutes, give your call sign and repeat the previous information.)

(Review local and warning information periodically.)

### STEP 3 – CONDUCT THE NET

“Thanks to all for checking in and participating in the Jefferson County Severe Weather Net This is [Name / Callsign] Net Control, now returning this repeater system back to normal use.”



## Appendix G - JCARC Monday Night Emergency Practice Net 147.075 MHz Repeater – Updated 7-9-2023

Good evening, this is NAME - CALL SIGN. My QTH is \_\_\_\_\_ and I will serve as net control tonight for the JEFFERSON COUNTY AMATEUR RADIO CLUB EMERGENCY PRACTICE NET. Is there anyone that needs to use the repeater before we begin? (PAUSE FOR ANY RESPONSE. IF NONE, CONTINUE.)

This is NAME - CALL SIGN, tonight's net control operator for the JEFFERSON COUNTY AMATEUR RADIO CLUB EMERGENCY PRACTICE NET. Our club call sign is KB0TLL. In preparation for emergency communications, this net meets every Monday at 8PM Central time. This repeater broadcasts at 147.075 megahertz with a tone of 141.3 and is located about 4 miles north of Hillsboro MO in Jefferson County. ***In the event of an emergency*** and this repeater is not operating, you are instructed to tune to 147.105, *using a 141.3 tone to join an emergency net there.* And ***in the event that neither repeater is working during an emergency***, the JCARC will conduct an Emergency SIMPLEX Net on the frequency 146.550.

- *For first Monday of the month – “At the conclusion of this net, our Simplex Practice Net will be held on the frequency of 146.550 MHz, Simplex.”*
- *For the other Mondays of the month – “At the conclusion of this net, there will be a swap net.”*

First, are there any MOBILES or PORTABLES that would like to check in? PLEASE speak SLOWLY, using phonetics for sound-alike letters – your call sign, name, and location. PLEASE CALL NOW.

- Read back call signs and names, in groups; ask for anything left out of their check-in
- Any other MOBILE OR PORTABLE check-ins, please call now
- None heard – moving on to SHORT TIME check-ins

SHORT-TIME CHECK-INS WILL NOT BE CALLED BACK FOR COMMENTS. Please speak SLOWLY, using phonetics when appropriate – your call sign, name, and “Tell about a memorable Valentine’s gift you have given or received.” PLEASE CALL NOW.

- Read back call signs and names, in groups
- Any other SHORT TIME check-ins, please call now.
- None heard – moving on to REGULAR CHECK-INS.

REGULAR CHECK INS WILL BE CALLED BACK FOR COMMENTS. Please speak SLOWLY, using phonetics when appropriate – your call sign, name, and location. PLEASE CALL NOW.

- (After first group) Let’s hold up there. Before going back for comments from our regular check-ins, we now call for some words from our Club President – JOHN - NOHKK.
- Are there any comments or questions from the president’s comments?
- Continue with Regular Check-ins until all are heard.
- None heard. This is NAME - CALL SIGN – we will now close the EMERGENCY PRACTICE NET.

**ANNOUNCE SIMPLEX NET (THE FIRST MONDAY OF THE MONTH)** – You are invited now to join our Simplex Practice Net by switching your radio to the SIMPLEX frequency 146.550 MHz. You are reminded that if net control cannot hear someone checking in, those who can are asked to relay the communication. Also, we suggest that you reduce your squelch to zero in order that you hear the weaker signals. Tonight’s Simplex Net Control is **Mike KFOKNS, in Mapaville.**

### **OPEN THE SWAP NET (THE OTHER WEEKS OF THE MONTH)**

We now open our SWAP NET. All items must be amateur radio related. You may state a price, but no discussion on prices on the air. Please give your call sign and name slowly.

- Repeat the call signs to acknowledge stations.
- Call back each station for their swap items.
- ARE THERE ANY QUESTIONS FOR THE SWAP ITEMS, PLEASE CALL NOW.
- NONE HEARD.

This is NAME - CALL SIGN closing the net and returning the repeater back to normal use.



# JCARC Monday Night Practice Net Script

## *Bulleted Version*

Good evening, this is NAME - CALL SIGN. My QTH is \_\_\_\_\_ and I will serve as net control tonight for the JEFFERSON COUNTY AMATEUR RADIO CLUB EMERGENCY PRACTICE NET. Is there anyone that needs to use the repeater before we begin? (PAUSE FOR ANY RESPONSE. IF NONE, CONTINUE.)

This is NAME - CALL SIGN, tonight's net control operator for the JEFFERSON COUNTY AMATEUR RADIO CLUB EMERGENCY PRACTICE NET. Our club call sign is KBØTLL. In preparation for emergency communications, this net meets every Monday at 8PM Central time. This repeater is found at 147.075 megahertz with a tone of 141.3 and is located about 4 miles north of Hillsboro MO in Jefferson County.

### **Please Include the following key points as you lead this net**

- In the event of an emergency:
  - An emergency net would be held on this frequency (147.075 Mhz).
  - If this repeater is not operational for any reason **during an emergency**, you are instructed to tune to 147.105 megahertz using a 141.3 tone for an emergency net.
  - In the event that neither repeater is working during an emergency, the JCARC will conduct an Emergency SIMPLEX Net on the frequency 146.550 Mhz.
- *Announce: On the first Monday of the month, at the conclusion of this net, our Simplex Practice Net will be held on the simplex frequency of 146.550 Mhz.*
- *Announce: On the other Mondays of the month, at the conclusion of this net, there will be a swap net.*
- *Announce: Tonight, we will hold a (Simplex Net/Swap Net).*
- Take check-ins, asking for name, call sign, and location in the following order:
  - Mobiles and Portables
  - Short Time (wishing to check in only, without announcements)
  - Echolink (please allow 3-5 seconds for the delay)
  - Regular (include announcements)
  - President Comments – John NØHKK (early among the regular check-ins)
  - After none heard, close out the Monday Night Emergency Practice Net
- FIRST MONDAY OF THE MONTH
  - *Announce: You are invited now to join our Level 4 Simplex Practice Net by switching your radio to the SIMPLEX frequency 146.550 MHz. You are reminded that if net control cannot hear someone checking in, those who can are asked to relay the communication. Also, we suggest that you reduce your squelch to zero in order that you hear the weaker signals. Tonight's Simplex Net Control is **Mike KFOKNS, in Mapaville.***
- OTHER MONDAYS OF THE MONTH
  - *Announce: We now open our SWAP NET. All items must be amateur radio related. You may state a price, but no discussion on prices on the air. Please give your call sign and name slowly.*
  - Repeat the call signs to acknowledge stations.
  - Call back each station for their swap items.
  - *Announce: Are there any questions for the swap items, please call now.*
  - After none heard, close out the Swap Net and return the repeater to normal use.





## Appendix H – JCARC Emergency Simplex Practice Net

### *146.550 MHz Simplex – Alternate Frequencies 146.580. 146.520*

CURRENTLY SCHEDULED FOR THE FIRST MONDAY OF THE MONTH

Good evening, this is NAME - CALL SIGN. My QTH (location) is \_\_\_\_\_ and I will be net control tonight for the JEFFERSON COUNTY AMATEUR RADIO CLUB EMERGENCY SIMPLEX PRACTICE NET. Is there anyone that needs to use this frequency before we begin? (PAUSE FOR ANY RESPONSE. IF NONE, CONTINUE.)

This is NAME - CALL SIGN, tonight's net control operator for the JEFFERSON COUNTY AMATEUR RADIO CLUB EMERGENCY SIMPLEX PRACTICE NET. Our club call sign is KB0TLL. For the purpose of preparing for emergency communications, this net meets on the FIRST MONDAY of each month at approximately 8:30pm CT, following the club's Monday Night Practice Net.

This is a SIMPLEX net and as such, not every transmission will be heard and legible by each operator as operators check in. In order that we may assess the ability for all participants in this NET to both HEAR AND be heard, we're asking that you record the check-ins YOU are able to hear and how well you hear them if possible. After a participant checks in, jot down their sign and readability. After all check-ins are done, we will return to the 147.075 repeater, call back to you, and ask for your signal report and other pertinent information.

If you HEAR a check-in that's NOT acknowledged by Net Control, please step in with a "RELAY" transmission. This alerts Net Control that acknowledgment of a Relay is needed and I will await the relayed transmission. Simply transmit the command "RELAY" and Net Control will acknowledge you. One final note: If you are mobile for tonight's net, I suggest you find high ground in a SAFE PLACE and STOP to ensure your traffic is successful. PLEASE BE SAFE.

**OPTIONAL - SECURE A LOGGING OPERATOR** – I'm looking for a volunteer to act as LOGGING OPERATOR for this emergency net. You will need to fill in a blank log, found in the appendix section of our club's member packet. You can find a hard copy in the appendix section of our annual club packet or a digital copy from our club-wide email, our club website, or from the Eastern Missouri Beacon Find a Club Page. Do I have a volunteer for Logging Operator?

- Pause for an answer. If no answer, ask again and repeat until you have a qualified volunteer.
- You should fill out a log yourself to aid in communications.

**CONDUCT THE NET** – "I am taking check-ins now. Please check in in an orderly manner with your NAME, CALL SIGN, LOCATION, AND MESSAGE. Please be prepared to relay any messages not heard between check-ins and net control. Please call now." Remember to call out to others to ask for checkins (far North, South, Etc.)

- Be prepared to:
  - Rely on relay stations to complete communications with check-ins because of distance and signal strength.
  - Be understanding and helpful with those who are having difficulty getting their radio into SIMPLEX MODE. They cannot be heard unless they are transmitting as well as receiving on this same frequency.
  - Swap signal information and log the information with all check-ins.

**CLOSE THE NET** - This is NAME - CALL SIGN CLOSING THE NET AND RETURNING THIS FREQUENCY BACK TO NORMAL USE and inviting all check-ins to return to the 147.075 repeater to be called back for your signal reports.

