

## Des Moines, Iowa Repeaters – 03/31/2024.\* - (In progress always)

As observed and reported by the Iowa Ten Meter Group - [www.qsl.net/itmg](http://www.qsl.net/itmg)

50 Mile radius. *Italics for digital stations.*

→ **For coordinated stations see: [iowarepeater.org](http://iowarepeater.org)** ←

Frequency	Tone	Location	Call	Notes
145.310 -	114.8	Alleman	W0DM	Fusion
444.575 +	151.4	Alleman	W0KWM	
444.675 +	114.8	Alleman	W0DM	
147.240 +	None	Ames	W0YL	<b>Story County A.R.E.S.</b>
147.375 +	114.8	Ames	W0ISU	
443.975 +	<i>I</i>	<i>Ames</i>	<i>W0YR</i>	<i>DMR</i>
442.225 +	151.4	Baxter	KC0NFA	
444.225 +	151.4	Baxter	KC0NFA	
146.850 -	114.8	Boone	KB0TLM	BARK
443.075 +	<i>I</i>	<i>Boone</i>	<i>KB0TLM</i>	<i>DMR</i>
443.900 +	None	Boone	KB0TLM	BARK
147.045 +	114.8	Casey	N0BKB	
145.130 -	114.8	Des Moines	W0AK	DMRAA
146.820 -	114.8	Des Moines	W0KWN	<b>SKYWARN - ICN W/ 203.5 T</b>
146.940 -	114.8	Des Moines	W0AK	<b>Polk County A.R.E.S.</b>
146.985 -	114.8	Des Moines	W0AK	DMRAA
224.980 -	114.8	Des Moines	WD0FIA	
<b>29.670 - *</b>	<b>*</b>	<b>Des Moines</b>	<b>KD0WPK</b>	<b>IRLP 9027 Reflector</b>
443.925 +	151.4	Des Moines	N0OOD	
444.050 +	151.4	Des Moines	K0DSM	<b>Polk County A.R.E.S.</b>
444.100 +	151.4	Des Moines	K0DSM	<b>Polk County A.R.E.S.</b>
443.675 +	151.4	East Mixmaster at I35 & I80	KB0NFF	
147.270 +	114.8	Greenfield	KA0MHJ	
444.700 +	151.4	Greenfield	N0BKB	
146.610 -	114.8	Grimes	N0INX	<b>Central Iowa A.R.E.S., SKYWARN</b>
147.105 +		<i>Grimes</i>	<i>KD0IAN-C</i>	<i>D-Star Repeater</i>
224.540 -	114.8	Grimes	N0INX	
443.175 +		<i>Grimes</i>	<i>KD0IAN-B</i>	<i>D-Star Repeater</i>
443.400 +	151.4	Grimes	N0INX	<b>SKYWARN &amp; Lamoni system</b>
444.725 +	<i>I</i>	<i>Grimes / DSM-NW (Grimes)</i>	<i>N0INX</i>	<i>DMR</i>
146.640 -	114.8	Indianola	W0IND	<b>Warren County A.R.E.S.</b>
147.195 +	114.8	Indianola	N0FAM	EchoLink 789984
442.700 +	<i>I</i>	<i>Indianola</i>	<i>AA0RR</i>	<i>DMR</i>
444.125 +	114.8	Indianola	N0FAM	
146.700 -	114.8	Johnston	KC0MTI	
442.800 +	151.4	Johnston	KC0MTI	
443.100 +	151.4	Johnston – <i>Soon to be Urbandale</i>	N0VPR	<i>Soon to be KD0BR</i>
147.360 +	114.8	Lamoni	AA0OS	EchoLink 127318 “W0YO”
444.975 +	114.8	Leon	AA0OS	Linked to Lamoni 147.360
442.600 +	151.4	Madrid	N0SFF	
443.850 +	151.4	Madrid	KC0MTE	
444.550 +	<i>I</i>	<i>Menlo / Greenfield (Menlo)</i>	<i>N0BKB</i>	<i>DMR</i>
146.670 -	114.8	Mingo	W0AIX	
442.575 +	151.4	N0VPR portable	N0VPR	A.R.E.S. Events
145.190 -	114.8	Perry	KD0NEB	Allstar 47282 & EchoLink 710459
145.390 -	114.8	Saylorville	KD0QED	STAR 1
146.895 -	114.8	Saylorville	KB0NFF	STAR 2 Fusion
444.300 +	110.9	Scranton / Scranton	WA0UZI	
145.250 -	114.8	Sheldahl	W0QFK	
147.075 +	114.8	Sheldahl	N0QFK	EchoLink
53.250 -	110.9	Urbandale	N0INX	
444.875 +	<i>I</i>	<i>Waukee / Ray UHF</i>	<i>W0RAY</i>	<i>DMR</i>
146.755 -	<i>I</i>	<i>Waukee / Ray VHF</i>	<i>W0RAY</i>	<i>DMR</i>
<b>29.600</b>		<b>10 Meter FM Calling Frequency</b>		
<b>52.525</b>		<b>6 Meter FM Calling Frequency</b>		
144.309		Des Moines	W0AK	APRS
<b>146.520</b>		<b>2m FM Simplex Calling Frequency</b>		

147.360	114.8	Lamoni, De Moines, Indianola. Ankeny.	Saturday	8:30 AM
<b>223.500</b>		<b>1.25m FM Simplex Calling Frequency</b>		
<b>446.000</b>		<b>70 cm. FM Simplex Calling Frequency</b>		
927.025	DPL	Grimes	NØINX	
<b>927.500</b>		<b>33 cm. FM Simplex Calling Frequency</b>		
927.900	DPL	West Des Moines	KBØSL	
<b>1294.500</b>		<b>23 cm. FM Simplex Calling Frequency</b>		
<b>2305.200</b>		<b>13 cm. FM Simplex Calling Frequency</b>		

**NOTE: THE ABOVE REPEATERS MAY OR MAY NOT BE COORDINTED BY THE IRC.**

\*\* KØHTF – IRLP 7793; EchoLink 50511; DMR 3119191; AllStar 43675; Zello KØHTF; D-Star

\***KDØWPK** – Output 29.670 MHz- Inputs: 29.570 tone 103.5 HZ northwest, 29.570 tone 110.9 HZ southeast and 29.570 tone 114.8 Central DSM.

**This list is provided by reports from the Iowa Ten-meter group – KDØWPK. - [www.qsl.net/itmg](http://www.qsl.net/itmg)**

**\*\* Beacons** on 28.250, 50.07, 144.290, 222.053, and 432.350 - KØHTF – Urbandale

**CENTRAL IOWA HF / VHF / UHF NETS - Updated: 03 /18/2024**

FREQUENCY	STONE	NET NAME	DAY(S)	TIME
3.970	None	Iowa Emergency and Traffic Net	Sunday	5:30PM - <i>Winter</i>
3.970	None	Iowa Emergency and Traffic Net	Sunday	6:00PM - <i>Summer</i>
145.190	114.8	Iowa Blind Amateur Radio Clun Net IOWA	Sunday	3:00 PM HARC Allstar 47282 & EchoLink 710459
145.390	114.8	Saylor Township Fellowship Net- "STAR"	Sunday	7:00 PM
147.240	None	Story County ARES Net	Sunday	7:00 PM
146.835	146.2	Chariton - Southern Iowa Net	Sunday	7:00 PM
<b>29.670</b>	<b>103.5</b>	<b>Iowa 10 Meter FM Net - IRLP 9027</b>	<b>Sunday</b>	<b>7:30 PM</b>
444.725	1	Iowa 3119 DMR Net	Sunday	7:30 PM
147.360	114.8	Lamoni, Des Moines, Indianola. Ankeny.	Sunday	7:30 PM EL 127318
443.400	151.4	← Grimes access		
146.610	114.8	Central Iowa ARES Net	Sunday	8:00 PM
146.940	114.8	Central Iowa Technical Net	Sunday	Following the Central Iowa ARES Net
146.850	None	Boone County ARES	Sunday	8:00 PM
443.900	None	Boone County "Abbreviated" Net	Sunday	Following the Boone County ARES Net
1.9730±	None	Iowa 160 Meter Net	Sunday	9:30 PM
146.820	203.5 *	Inactive - Iowa State Wide ICN Net	Monday	6:30 PM
146.940	114.8	DMRAA Informational Net	Monday	7:00 PM
145.190	114.8	Dallas County ARES Net EL 710459	Monday	8:00 PM
145.190	114.8	Hiawatha Amateur Radio Club Net EL 710459	Monday	Following the Dallas County ARES Net
3.5885	None	Iowa Digital Emergency Net	Tuesday	7:00 PM
53.250	110.9	(Inactive) Iowa 6 Meter FM Net	Wednesday	8:30 PM
146.940	114.8	Polk County ARES Net	Thursday	7:00 PM
<b>29.670</b>	<b>103.5</b>	<b>Iowa 10 Meter FM Net - IRLP 9027</b>	<b>Thursday</b>	<b>7:30 PM</b>
147.195	114.8	Warren County ARES (Indianola)	Saturday	7:30 AM
147.360	114.8	Lamoni, Creston, Grimes EL 127318	Saturday	8:30 AM
443.400	151.4	←Grimes access		
3.970	None	Iowa 75 Meter Early Net - Statewide -	Mon. - Sat.	12:30 PM
3.970	None	Iowa 75 Meter Late Net - Statewide -	Mon. - Sat.	5:30 PM - <i>Winter</i>
3.970	None	Iowa 75 Meter Late Net - Statewide -	Mon. - Sat.	6:00 PM - <i>Summer</i>
This information is provided by the Iowa Ten Meter Group - KDØWPK - <a href="http://www.qsl.net/itmg">www.qsl.net/itmg</a>				
Additions, corrections, or deletions to: <a href="mailto:k0htf@arrl.net">k0htf@arrl.net</a> .				
Be sure to put Central Iowa repeater list in subject line!				
Editing and Formatting provided by KCØYHU.				

## GMRS – FRS – MURS – CB + Addition to Central Iowa Repeaters for 04/18/2022

*Various radio items of interest to Tom / “Doc”, KØHTF.*

GMRS radio is catching on some. It operates analog at 12.5 KHz. spacing.

Local GMRS information supplied by Bob Jimmerson, KAØOMM & Craig Rose, KCØYHU

My GMRS call sign is: WQNU766. (KØHTF – Extra – first licensed in 1956)

**Here are the local GMRS repeater channels usages:**

<u>Channel</u>	<u>Frequency TO</u>	<u>Frequency From</u>	<u>Tone</u>	<u>Notes re: Central Iowa</u>	<u>Ham Call</u>
15	462.550	467.550	141.3	WRKZ315 - SE Des Moines	KAØOMM
16	462.575	467.575	141.3	WQYP473 - Linked	
17	462.600	467.600	141.3	WRPG663 - STAR	KBØNFF
18	462.625	467.625	141.3	WRDI298 - Low Power	NØIWT
<b>19</b>	<b>462.650</b>	<b>467.650</b>	<b>103.5</b>	<b>WQNU766 - Urbandale</b> <b>WRTI227 - “</b>	<b>KØHTF</b> <b>KCØYHU</b>
20	462.675	467.675	141.3	WQYP473 - Madrid	
21	462.700	467.700	141.3	WQYP473 - Madrid	
22	462.725	467.725	141.3	WRAW998 - Sheldahl	WØQFK

See over for complete frequency list.

***Refer to our area repeaters for their use of digital nodes. All of these systems have large systems!***

**Some GMRS repeaters are linked to other nodes or repeaters via the internet.**

**DMR** It requires a DMR radio and there are many choices. I usually use AnyTones. Hotspot or a repeater here.

**NXDN** Is a DMR based system; analog to digital, again a hotspot.

**D-Star** Should you like to try, there is an app called PEANUT that works very well on phone, tablet, or computer. It is free. Should you want a radio for this mode it must be either ICOM or Kenwood. There are many reflectors. My first choice is REF002C, whose home is Nebraska. They have a net at 21:00 every Thursday night. REF030 can be much like to CB of the 1950s and 1960s.

**EchoLink** Is a software that allows licensed Amateur Radio stations to communicate with one another over the Internet, using streaming-audio technology. <https://www.echolink.org/>

**AllStar** And then there is **AllStar**, yet another analog to digital mode. In my experience I use a Raspberry Pi hotspot.

**A new 8 meter very, very narrow amateur band is pending! Between 40.51 and 40.70 MHz.** This now needs an experimental station license. There is a little activity now.

**11-meter Citizen’s Band now can use F. M.!**

**The Multi-Use Radio Service (MURS) is licensed by rule.** This means an individual license is not required to operate a MURS device. You can operate a MURS device regardless of your age and for personal or business use so long as you are not a representative of a foreign government.

The FCC service rules for the Multi-Use Radio Service (MURS) are located in **47 C.F.R. Part 95**.

There are five MURS channels and the channels are either 11.25 kHz or 20.00 kHz each.

151.820 MHz (11.25 kHz)	154.570 MHz (20.00 kHz)
151.880 MHz (11.25 kHz)	154.600 MHz (20.00 kHz)
151.940 MHz (11.25 kHz)	

## *The General Mobile Radio Service requires a license!*

→ These channel numbers are the ones usually shown in transceiver packaging.

**462.675 tone: 141.3 (Ch20) is the National Emergency Calling Frequency.**

“When using a GMRS radio in your truck it is recommended that you Monitor Channel 7 without Privacy Codes. Channel 7 is a 5-Watt channel, so always use the best antenna you can install on your truck. **Note:** You can use 19 as the High-Power alternate to 7, but you must share channels 15 to 22 with Repeater Stations.”

**SKYWARN:** <https://iawx.net/skywarn> - <https://www.weather.gov/dmx/stormspotting>

Channel No.	Frequency	Radio Service	MAX Power		Detachable Antenna OK?	
			FRS	GMRS	FRS	GMRS
1	462.5625	FRS - GMRS	2 W	5W	NO	YES
2	462.5875	FRS - GMRS	2 W	5W	NO	YES
3	462.6125	FRS - GMRS	2 W	5W	NO	YES
4	462.6375	FRS - GMRS	2 W	5W	NO	YES
5	462.6625	FRS - GMRS	2 W	5W	NO	YES
6	462.6875	FRS - GMRS	2 W	5W	NO	YES
<b>7</b>	<b>462.7125</b>	<b>FRS - GMRS</b>	<b>2 W</b>	<b>5W</b>	<b>NO</b>	<b>YES</b>
8	467.5625	FRS - GMRS	0.5 W	0.5 W	NO	NO
9	467.5875	FRS - GMRS	0.5 W	0.5 W	NO	NO
10	467.6125	FRS - GMRS	0.5 W	0.5 W	NO	NO
11	467.6375	FRS - GMRS	0.5 W	0.5 W	NO	NO
12	467.6625	FRS - GMRS	0.5 W	0.5 W	NO	NO
13	467.6875	FRS - GMRS	0.5 W	0.5 W	NO	NO
14	467.7125	FRS - GMRS	0.5 W	0.5 W	NO	NO
15	462.5500	FRS - GMRS	2 W	50 W	NO	YES
16	462.5750	FRS - GMRS	2 W	50 W	NO	YES
17	462.6000	FRS - GMRS	2 W	50 W	NO	YES
18	462.6250	FRS - GMRS	2 W	50 W	NO	YES
<b>19</b>	<b>462.6500</b>	<b>FRS - GMRS</b>	<b>2 W</b>	<b>50 W</b>	<b>NO</b>	<b>YES</b>
20	462.6750	FRS - GMRS	2 W	50 W	NO	YES
21	462.7000	FRS - GMRS	2 W	50 W	NO	YES
22	462.7250	FRS - GMRS	2 W	50 W	NO	YES
<b>15RP*</b>	<b>467.5500</b>	<b>GMRS</b>	<b>Prohibited</b>	<b>50 W</b>	<b>Not Applicable</b>	<b>YES</b>
<b>16RP*</b>	<b>467.5750</b>	<b>GMRS</b>	<b>Prohibited</b>	<b>50 W</b>	<b>Not Applicable</b>	<b>YES</b>
<b>17RP*</b>	<b>467.6000</b>	<b>GMRS</b>	<b>Prohibited</b>	<b>50 W</b>	<b>Not Applicable</b>	<b>YES</b>
<b>18RP*</b>	<b>467.6250</b>	<b>GMRS</b>	<b>Prohibited</b>	<b>50 W</b>	<b>Not Applicable</b>	<b>YES</b>
<b>19RP*</b>	<b>467.6500</b>	<b>GMRS</b>	<b>Prohibited</b>	<b>50 W</b>	<b>Not Applicable</b>	<b>YES</b>
<b>20RP*</b>	<b>467.6750</b>	<b>GMRS</b>	<b>Prohibited</b>	<b>50 W</b>	<b>Not Applicable</b>	<b>YES</b>
<b>21RP*</b>	<b>467.7000</b>	<b>GMRS</b>	<b>Prohibited</b>	<b>50 W</b>	<b>Not Applicable</b>	<b>YES</b>
<b>22RP*</b>	<b>467.7250</b>	<b>GMRS</b>	<b>Prohibited</b>	<b>50 W</b>	<b>Not Applicable</b>	<b>YES</b>

# Here is how the Lamoni Crossband Repeater Works.

1. The Lamoni Crossband Connection is physically located in Leon Iowa. It hears the traffic on the Southwest Linking System by listening to the Arispe Iowa Repeater and re-transmitting to the Lamoni Repeater.
2. The Arispe Iowa Repeater is heard by the Creston Iowa Repeater and repeats the traffic in the Creston Repeater coverage area. The Arispe Iowa Repeater is operated by the Creston Iowa Radio Club.
3. The Grimes Iowa Repeater also hears the Arispe Repeater and retransmits the traffic to the Des Moines area.
4. Lamoni also has a EchoLink connection [W0Y0 – EL 127318] and hears the Indianola Repeater as well as other individual stations using EchoLink and re-transmits that traffic.
5. To Reduce the unnecessary Lamoni area traffic (rag chew) being rebroadcast over such a large area, the Crossband Repeater is only operational during the Lamoni Nets (See the attached sheet) and if needed in an emergency.

**(Received 03/06/2024)**

From: Anthony Crandall, KØISA

Checked and revised by Bob Jimmerson, KAØOMM

**Saturday Chat Net** - each Saturday – 08:00 - except the 1<sup>st</sup> Saturday of the month is for face-to-face meeting at 09:00.

**AND Sunday L. A. R. A. Net – 07:30**

## **Repeaters:**

**EchoLink - EL 123178 – WØYO**

Lamoni - 147.360 - EL 123718 -

Arispe - 442.300 - 136.50 - KØCSQ

Creston - 146.790 - 136.50 - KØCSQ

Grimes - 444.725 - 151.40 - NØINX

Ankeny - 442.175 - 151.40 - NØPBO

Corning - 144.270 - 136.00 - Call sign pending

## **Miscellaneous:**

Indianola - EL 937943



**04/07/2024**

KØHTF



