

Des Moines, Iowa Repeaters - (In progress always) 03/27/2025 **

As observed and reported by the Iowa Ten Meter Group - www.qsl.net/itmg

50 Mile radius. Italics for digital stations.

→ For coordinated stations see: iowarepeater.org ☐

<u>Frequency</u>	<u>Tone</u>	<u>Location</u>	<u>Call</u>	<u>Notes</u>
29.600		10 Meter FM Calling Frequency		
52.525		6 Meter FM Calling Frequency		
146.520		2m FM Simplex Calling Frequency		
223.500		1.25m FM Simplex Calling Frequency		
446.000		70 cm. FM Simplex Calling Frequency		
927.500		33 cm. FM Simplex Calling Frequency		
1294.500		23 cm. FM Simplex Calling Frequency		
2305.200		13 cm. FM Simplex Calling Frequency		
145.310 -	114.8	Alleman	WØDM	Fusion
444.575 +	151.4	Alleman	WØKWM	
444.675 +	114.8	Alleman	WØDM	
147.240 +	None	Ames	WØYL	Story County A.R.E.S.
147.375 +	114.8	Ames	WØISU	
443.975 +	<i>1</i>	<i>Ames</i>	WØYR	<i>DMR</i>
442.225 +	151.4	Baxter	KCØNFA	
444.225 +	151.4	Baxter	KCØNFA	
146.850 -	114.8	Boone	KBØTLM	BARK
443.075 +	<i>1</i>	<i>Boone</i>	<i>KBØTLM</i>	<i>DMR</i>
443.900 +	None	Boone	KBØTLM	BARK
147.045 +	114.8	Casey	NØBKB	
146.835	146.2	Chariton	KBØAJ	
29.670 -	103.5*	Des Moines	KDØWPK	% KCØYHU
145.130 -	114.8	Des Moines	WØAK	DMRAA
146.820 -	114.8	Des Moines	WØKWN	SKYWARN - ICN W/ 203.5 T (Inactive)
146.940 -	114.8	Des Moines	WØAK	Polk County A.R.E.S.
146.985 -	114.8	Des Moines	WØAK	DMRAA
224.980 -	114.8	Des Moines	WDØFIA	
29.670 - *	103.5	Des Moines	KDØWPK	<u>IRLP 9452 Reflector</u>
443.925 +	151.4	Des Moines	NØOOD	
444.050 +	151.4	Des Moines	KØDSM	Polk County A.R.E.S.
444.100 +	151.4	Des Moines	KØDSM	Polk County A.R.E.S.
<i>144.309</i>		Des Moines	WØAK	APRS
146.820	203.5	Des Moines	WØKWN	
443.675 +	151.4	East Mixmaster at I35 & I80	KBØNFF	
147.270 +	114.8	Greenfield	KAØMHJ	
444.700 +	151.4	Greenfield	NØBKB	
146.610 -	114.8	Grimes	NØINX	Central Iowa A.R.E.S., SKYWARN
<i>147.105 +</i>		<i>Grimes</i>	<i>KDØIAN-C</i>	<i>D-Star Repeater</i>
224.540 -	114.8	Grimes	NØINX	
443.175 +		<i>Grimes</i>	<i>KDØIAN-B</i>	<i>D-Star Repeater</i>
443.400 +	151.4	Grimes	NØINX	SKYWARN
927.025	DPL 156	Grimes	NØINX	

444.725 +	1	Grimes / DSM-NW (Grimes)	NØINX	DMR
146.640 -	114.8	Indianola	WØIND	Warren County A.R.E.S.
147.195 +	114.8	Indianola	WØIND	EchoLink 937343
442.700 +	1	Indianola	AAØRR	DMR
444.125 +	114.8	Indianola	NØFAM	
146.700 -	114.8	Johnston	KCØMTI	
442.800 +	151.4	Johnston	KCØMTI	
147.360 +	114.8	Lamoni	AAØOS	EchoLink 127318 "WØYO"
147.360	114.8	Lamoni, Des Moines, Indianola., Ankeny	Saturday	8:30 AM
444.975 +	114.8	Leon	AAØOS	Linked to Lamoni 147.360
442.600 +	151.4	Madrid	NØSFF	
443.850 +	151.4	Woodward	KCØMTE	
444.550 +	1	Menlo / Greenfield (Menlo)	NØBKB	DMR
146.670 -	114.8	Mingo	WØAIX	
442.575 +	151.4	NØVPR portable	NØVPR	A.R.E.S. Events
145.190 -	114.8	Perry	KDØNEB	Allstar 47282 & EchoLink 710459
443.525 +	146.2	Russell	KØOTP	
145.390 -	114.8	Saylorville	KDØQED	STAR 1
146.895 -	114.8	Saylorville	KBØNFF	STAR 2 Fusion
444.300 +	110.9	Scranton / Scranton	WAØUZI	
145.250 -	114.8	Sheldahl	WØQFK	
147.075 +	114.8	Sheldahl	NØQFK	EchoLink
53.250 -	110.9	Urbandale	NØINX	
147.300	114.8	Urbandale	KCØYHU	
443.100	151.4	Urbandale	KDØBR	
462.650 +	103.5	Urbandale - GMRS	WQNU766	% KØHTF & KCØYHU
444.875 +	1	Waukee / Ray UHF	WØRAY	DMR
146.755 -	1	Waukee / Ray VHF	WØRAY	DMR
927.900	DPL 023	West Des Moines	KBØSL	

NOTE: THE ABOVE REPEATERS MAY OR MAY NOT BE COORDINATED BY THE IRC: iowarepeater.org

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

This list is provided by reports from the Iowa Ten-meter group – KDØWPK. - www.qsl.net/itmg

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

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

CENTRAL IOWA HF / VHF / UHF NETS - Updated: 03/17/2025 π				
FREQUENCY	ZONE	NET NAME	DAY(S)	TIME
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 - Winter
3.970	None	Iowa 75 Meter Late Net - Statewide -	Mon. - Sat.	6:00 PM - Summer
145.190	114.8	Hiawatha Amateur Radio Club Net EL 710459	Monday	HARC Allstar 47282 & EchoLink 710459
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
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

146.940	114.8	Central Iowa Technical Net	Sunday	Following the Central Iowa ARES Net
443.900	None	Boone County "Abbreviated" Net	Sunday	Following the Boone County ARES Net
145.190	114.8	Iowa Blind Amateur Radio Clun Net IOWA	Sunday	3:00 PM HARC Allstar 47282 & EchoLink 710459
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>
145.390	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
29.670	103.5*	Iowa 10 Meter FM Net - IRLP 9452	Sunday	7:30 PM
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
146.610	114.8	Central Iowa ARES Net	Sunday	8:00 PM
146.850	None	Boone County ARES	Sunday	8:00 PM
1.9730±	None	Iowa 160 Meter Net	Sunday	9:30 PM
146.940	114.8	Polk County ARES Net	Thursday	7:00 PM
29.670	103.5*	Iowa 10 Meter FM Net - IRLP 9452	Thursday	7:30 PM
3.5885	None	Iowa Digital Emergency Net	Tuesday	7:00 PM
53.250	110.9	(Currently inactive) Iowa 6 Meter FM Net	Wednesday	8:30 PM
This information is provided by the Iowa Ten Meter Group - KDØWPK - www.qsl.net/itmg				
Additions, corrections, or deletions to: k0htf@arrl.net AND kc0yhu@arrl.net				
Be sure to put Central Iowa repeater list in subject line!				
Editing by KC0YHU!				

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

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

Various radio items of interest to Tom / "Doc" – KØHTF / WQNU766.

GMRS radio is catching on some. It operates analog at 12.5 KHz. spacing. **Offset is + 5.00 MHz.**

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

My GMRS call sign is: WQNU766.

Here are the current local GMRS repeater channels usages:

<u>Channel</u>	<u>RX Frequency</u>	<u>Tone</u>	<u>Notes re: Central Iowa</u>	<u>Ham Call</u>
15	462.550 +	141.3	WRKZ315 – South Des Moines	KAØOMM
16	462.575 +	141.3	WQYP473 - Woodward	
17	462.600 +	141.3	WRPG663 – G Star-1 – Vet's Hospital	KBØNFF
18	462.625 +	151.4 146.2	WRDI298 -Low Power– G Star-2 West Des Moines WRNP878 - Russell	NØIWT KØOTP
19	462.650 +	103.5	WQNU766 & WRTI227 – Urbandale	KØHTF –KC0YHU
		141.3	WQYP473 – Big Creek	
		141.3	WRDB346 - Jefferson	WA0UZI
20	462.675 +	141.3	WQYP473 – Madrid	
21	462.700 +	141.3	WQYP473 – South Des Moines	
22	462.725 +	141.3	WRAW998 - Sheldahl	WØQFK
		203.5	WRZG312 - Saint Charles	

See over for complete frequency list.

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 the 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.

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: WITH a GMRS License** 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 Permitted 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
7	462.7125	FRS - GMRS	2 W	5W	NO	YES
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
19	462.6500	FRS - GMRS	2 W	50 W	NO	YES
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
15RP*	467.5500	GMRS	Prohibited	50 W	Not Applicable	YES
16RP*	467.5750	GMRS	Prohibited	50 W	Not Applicable	YES
17RP*	467.6000	GMRS	Prohibited	50 W	Not Applicable	YES
18RP*	467.6250	GMRS	Prohibited	50 W	Not Applicable	YES

19RP*	467.6500	GMRS	Prohibited	50 W	Not Applicable	YES
20RP*	467.6750	GMRS	Prohibited	50 W	Not Applicable	YES
21RP*	467.7000	GMRS	Prohibited	50 W	Not Applicable	YES
22RP*	467.7250	GMRS	Prohibited	50 W	Not Applicable	YES

The tone for most repeaters and “emergency” channels is 141.3 Hz. Offset is + 5.00 MHz.

Here is how the Lamoni Crossband Repeater Works

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.

- **Contact: Anthony Crandall, KØISA or GRACELAND HAM CLUB, W0YO (Club)**
1 UNIVERSITY PLACE SCI-MATH LAMONI, IA 50140 Trustee: MURDOCK, STEVE K , N0ZY

Saturday Chat Net - each Saturday – 08:00 - except the 1st Saturday of the month is for face-to-face meeting at 09:00.
AND Sunday L. A. R. A. Net – 07:30

Repeaters:

EchoLink WØYO - EL 123178

Lamoni - 147.360 - AA0S

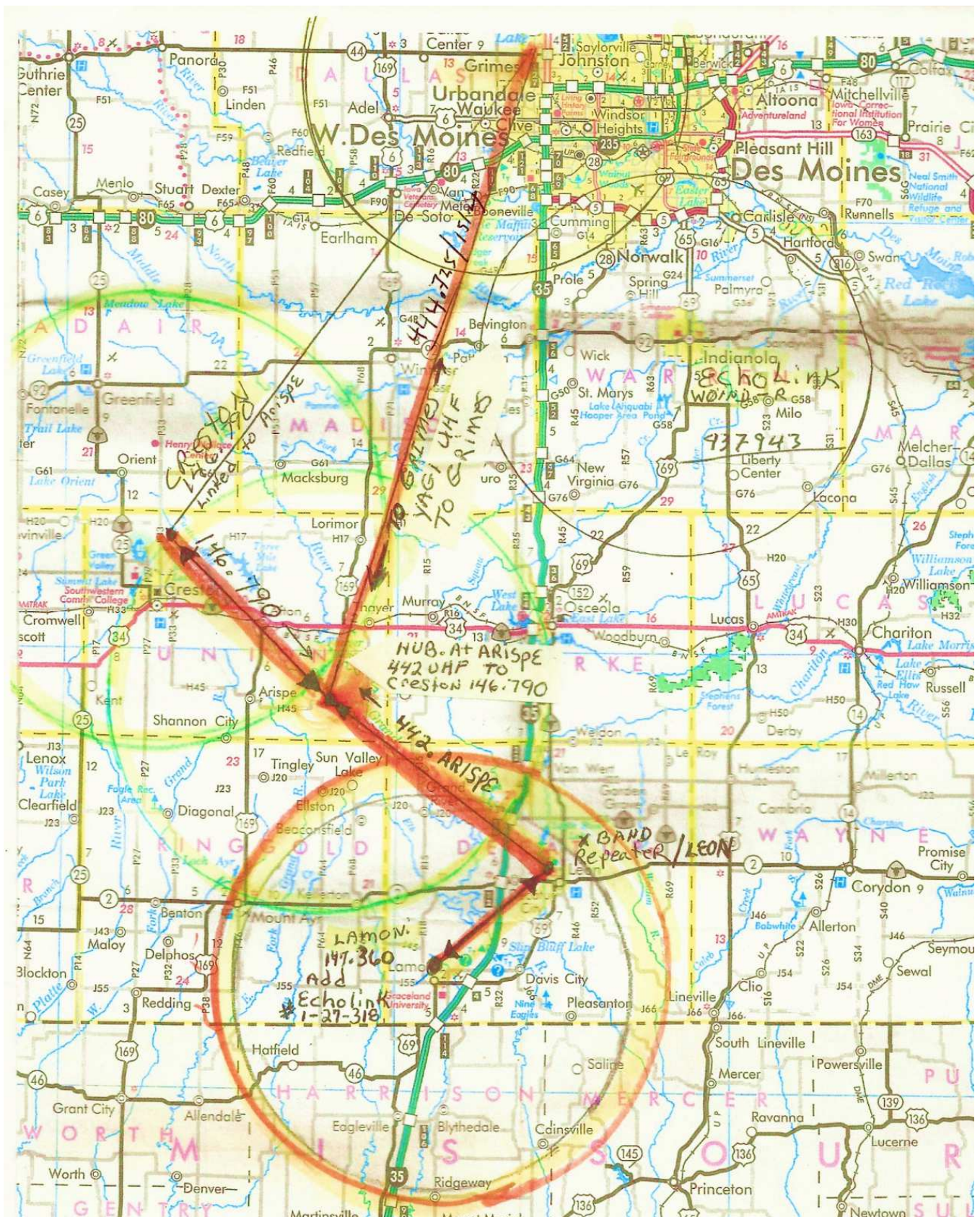
Arispe - 442.300 - 136.50 - KØCSQ

Creston - 146.790 - 136.50 - KØCSQ

Grimes - 444.725 - 151.40 - NØINX

Ankeny - 442.175 - 151.40 - NØPBO

Indianola - 147.195 - 114.80 - **W0IND - EL 937343**



Miscellaneous: