

# DMRAA Frequency Programming Guide

Ch	Name	Frequency	Tone	Location	Use
1	WØAK	146.940-	114.8	Des Moines	Local Repeater DMRAA Local Club Repeater
2	WØAK	146.985-	114.8	Des Moines	Local Repeater DMRAA Local Club Repeater
3	WØAK	145.130-	114.8	Des Moines	Local Repeater DMRAA Local Club Repeater (3*)
4	NØINX	146.610-	114.8	Grimes	Local Repeater Linked to Williams 444.500
5	NØINX	443.400+	151.4	Grimes	Local Repeater Linked to several repeaters in SW Iowa
6	KØDSM	444.100+	151.4	Des Moines	Local Repeater Polk County ARES
7	KØDSM	444.050+	151.4	Des Moines	Local Repeater Polk County ARES
8	WØKWM	146.820-	114.8	Des Moines	Local Repeater
9	WØQFK	147.075+	114.8	Sheldahl	Local Repeater
10	NØOOD	443.925+	151.4	Des Moines	Local Repeater
11	KCØMTI	146.700-	114.8	Johnston	Local Repeater
12	KCØMTI	442.800+	151.4	Johnston	Local Repeater
13	WØKWM	444.575+	151.4	Alleman	Local Repeater
14	KDØQED	145.390-	114.8	Saylorville	Local Repeater STAR 1
15	KBØNFF	146.895-	114.8	Saylorville	Local Repeater STAR 2
16	WØDM	145.310-	114.8	Alleman	Local Repeater Echolink (4*) (node 821351) (3*)
17	WØDM	444.675+	114.8	Des Moines	Local Repeater Echolink (4*) (node 555013) (3*)
18	NØBKB	147.045+	114.8	Casey	Local Repeater Linked to SW Iowa Repeater
19	KAØMHJ	147.270+	114.8	Greenfield	Local Repeater May be linked to various repeaters
20	WØYL	147.240+	114.8	Ames	Local Repeater SCARC
21	WØISU	147.375+	114.8	Ames	Local Repeater
22	KCØNFA	442.225+	151.4	Baxter	Local Repeater Linked to UHF system
23	KDØFGV	146.640-	114.8	Indianola	Local Repeater WCEM Echolink (2*) (node 789684) (3*)
24	KDØWFX	444.125+	114.8	Indianola	Local Repeater
25	KBØTLM	146.850-	None	Boone	Local Repeater BARK
26	KBØTLM	443.900+	None	Boone	Local Repeater BARK
27	NØSFF	442.600+	151.4	Madrid	Local Repeater
28	NØBKB	444.700+	151.4	Greenfield	Local Repeater Linked various ways
29	KDØNEB	145.190-	114.8	Perry	Local Repeater HARC (2) (node 710459) (3*)
30	SIMPLX	146.520		Simplex	National Simplex Calling Frequency
31	NØVPR	442.575+	151.4	Portable	ARES Used for local events & emergencies (1*)
32	KCØMTE	443.850+	151.4	Madrid	Local Repeater
40	NØINX	224.540-	114.8	Grimes	Local Repeater 1600 KHz offset
41	WDØFIA	224.980-	114.8	Des Moines	Local Repeater 1600 KHz offset
42	KDØWPK	29.6700-	103.5	Des Moines	Local Repeater 100 KHz offset
<b>Polk Co. ARES Simplex:</b> Ch-101 <b>ARES-1</b> 146.490 Ch-102 <b>ARES-2</b> 146.430 Ch-103 <b>ARES-3</b> 147.420 Ch-104 <b>ARES-4</b> 446.175 Ch-105 <b>ARES-5</b> 147.570 Ch-106 <b>ARES-6</b> 445.975					

1. This repeater is a portable repeater and is used for various ARES events and emergencies. The location and coverage of the repeater will depend on the event.
2. EchoLink® allows licensed Amateur Radio stations to communicate with one another over the Internet, using voice-over-IP (VoIP) technology. Allows worldwide connections to be made between stations, or from computer to station. <http://www.echolink.org/>
3. The YAESU DR-1 is a digital/conventional UHF or VHF repeater. It was developed for use with System Fusion. DR-1 will provide use of conventional FM and digital functions.

This guide is provided as suggested frequencies for local programming.  
There are many repeaters in Iowa, please explore them all!

Updated 5/26/22

# DMRAA Frequency Programming Guide

## Digital

Zone Name	Call Sign	Frequency	Color	Location	Use
Des Moines W	NØINX	444.725+	1	Grimes	DMR Repeater (1)
Des Moines C	WØKWM	443.500+	1	Des Moines	DMR Repeater (1)
Ray UHF	WØRAY	444.875+	1	Waukee	DMR Repeater (1)
Ray VHF	WØRAY	146.755-	1	Waukee	DMR Repeater (1)
Greenfield	NØBKB	444.550+	1	Menlo	DMR Repeater (1)
Ames	WØYR	443.975+	1	Ames	DMR Repeater (1)
Scranton	WAØUZI	444.300+	1	Scranton	Analog & P25
NØVPR	NØVPR	442.575+	1	Portable	DMR Repeater (1)
Indianola	NØFAM	442.700+	1	Indianola	DMR Repeater (1)
CID	WØGQ	443.600+	1	Cedar Rapids	DMR Repeater (1)
Otho	KØKU	443.575+	1	Otho	DMR Repeater (1)
Victor	KØTSK	444.950+	1	Victor	DMR Repeater (1)
Iowa City	KØGH	443.775+	1	Iowa City	DMR Repeater (1)
HS1		441.100+	1		DMR HotSpot (2)
HS2		441.200+	1		DMR Repeater (2)
					DMR HotSpot
	KDØIAN	443.175+		Grimes	D-Star Repeater (3)
	KDØIAN	147.105+		Grimes	D-Star Repeater (3)

1. DMR repeaters are typically connected via the internet to station locally and globally. Each repeater is capable of using two talkgroups at once
2. DMR HotSpots are low power simplex repeaters that allow an individual user access in their own home. Typically, 20 – 40 mw output
3. D-Star is Icom's digital protocol, these repeaters are linked to the internet gateway and allow the user to connect with stations locally and globally

