Recommended Channel/Frequency Radio Programming
Version 2.0, DRAFT March 6, 2020

Ch.	Frequency	Offset	PLL	Notes
1.	147.270 Mhz*	+ 600 Khz	114.8 Hz	FM/DMR St. Tammany EOC/NWS Primary Locked in Analog mode when under Net Control. This frequency should be monitored during times of possible SKYWARN and/or ARES activations for further instructions.
2.	147.270 Mhz	Simplex	No Tone	Repeater Failure Channel
3.	444.425 Mhz*	+ 5 Mhz	114.8	City of Slidell (Secondary – FM-Analog only-limited coverage)
4.	444.100 Mhz*	+5 Mhz	114.8 Hz	FM/D-Star (no tone for D-Star – If FM only turn on encode to prevent hearing digital traffic. For Activations Linked to Reflector 48B – Louisiana Statewide
5.	147.440 Mhz	-2.5 MHz	No Tone	KF5BSZ Washington Par. D-Star
6.	444.5875 Mhz	+ 5 Mhz	No Tone	KF5BSZ Washington Par. D-Star
7.	442.125 Mhz*	+ 5 Mhz	114.8 Hz	Slidell C4FM/Analog DWARN FCS00329 (No Tone for C4FM)
8.	443.400 Mhz	+ 5 Mhz	No Tone	Bush C4FM linked to DWARN System FCS00329
9.	444.875 Mhz	+ 5 Mhz	No Tone	C4FM repeater Madisonville to DWARN FCS00329
10.	146.715 Mhz	- 600 Khz	Open	Limited Coverage, Madisonville, West St. Tammany
11.	147.210 Mhz	+600 Khz	136.5 Hz	Stennis Space Center Repeater in Mississippi
12.	145.470 Mhz	-600 Khz	114.8 Hz	Bush FM Repeater
13.	147.000 Mhz	- 600 Khz	107.2 Hz	Tangi EOC Primary (No Contact from Slidell)
14.	145.130 Mhz	- 600 Khz	107.2 Hz	Tangi Secondary Repeater
15.	145.430 Mhz	- 600 Khz	107.2 Hz	Washington Parish
16.	146.860 Mhz	-600 Khz	114.8 Hz	NOLA /Plaquemines/St. Bernard/Jefferson EOCs
17.	146.820 Mhz	-600 Khz	Open	NOLA Hospitals
18.	146.895 Mhz	-600 Khz	114.8 Hz	Belle Chase
19.	146.775 Mhz	-600 Khz	114.8 Hz	W5MCC New Orleans
20.	145.210 Mhz	- 600 Khz	136.5 Hz	Pearl River Co. Picayune Ms.
21.	145.150 Mhz	- 600 khz	136.5 Hz	Poplarville, MS
22.	145.330 Mhz	- 600 Khz	Open?	Hancock County Ms.

*denotes repeaters operated by the Ozone Amateur Radio Club.

Digi-peater is on 145.010 Mhz Simplex Packet. Primary user is the NWS for up to the minute weather status and conditions reporting. Secondary users are Hospitals and Shelters with priority traffic. Closest RMS gateway is KE5QKR-10 either Direct or Via SIL. For APRS use 144.390 Simplex. All south shore & Ms. channels are just in case we would send somebody there to assist in their operations

For those with Digital Voice Hotspots

During a large-scale emergency, some multi-mode repeaters will be locked down in FM-Analog-only mode to be of maximum use for all radio operators. If the Internet is still available, digital modes may still be accessed via hotspots such as the Open Spot, the Zumspot, DV-Mega Pi-star hotspots, etc. Depending on the Mode in use, the following is suggested:

Yaesu System Fusion (C4FM) to FCS00329 for Louisiana Statewide DWARN system

D-Star to Reflector 048B for Louisiana Statewide via D-Star (D-Rats data mode also available via RF or via Internet through StTammany.ratflector.com)

DMR to Room 3122 Louisiana Statewide DMR Room or 312222 Louisiana ARES room

Simplex Frequencies for Local Rag Chewing or Emergency Use
Monitor Calling Frequency and shift to agreed frequency after making contact

2 Meters (144 - 148 MHz)

ARRL Band Plan	MHz
FM Simplex	*146.40 - 146.58
FM Simplex Calling Frequency	**146.52**
FM Simplex	147.42 - 147.57
30kHz channel spacing	
FM Simplex	146.430
FM Simplex	146.460
FM Simplex	146.490
FM Simplex (Calling Frequency)	**146.520**
FM Simplex	146.550
FM Simplex	146.580
FM Simplex	147.420
FM Simplex	147.450
FM Simplex	147.480
FM Simplex	147.510
FM Simplex	147.540
FM Simplex	147.570

70 cm (420 - 450 MHz)

ARRL Band Plan	MHz
FM Simplex Calling Frequency	**446.000**
Misc Sources	
FM Simplex	446.500
FM Simplex	447.000

To work simplex with your DMR or C4FM radio please do not use the FM analog national call frequencies 2m (146.520 MHz) or 70cm (446.000 MHz). Do not use these frequencies for any digital work. Below are the recommended simplex frequencies to be used with DMR in the United States and Canada.

In addition to this information, please note the following radio configuration items. By convention simplex calls on DMR are made on the talk group TG-99, time slot TS-1, color code CC-1.

There is not talk group or time slot to program for C4FM. Just enter one of these frequency on your VFO and you are good to go.

Channel	Frequency	Admit Criteria
1 (VHF)	145.790 MHz	Free or Always
2 (VHF)	145.510 MHz	Free or Always
1 (UHF)	441.000 MHz	Free or Always
2 (UHF)	446.500 MHz	Free or Always
3 (UHF)	446.075 MHz	Free or Always
4 (UHF)	433.450 MHz	Free or Always

Note: By convention the 2 meters D-Star simplex frequency for the US is 145.670.

You can select any admit criteria of your liking. By setting the admission criteria to always, you can talk at any time, even if someone else is using the frequency/time slot. By setting it this way, you have no restriction, but you can experience “doubling” like you would in traditional analog FM.

Setting the admission criteria to Channel Free will prevent you from transmitting when the channel is busy. This setting prevents "doubling". The radio will play a tone, telling you that the channel/TG is not free.

Use the same frequencies for For C4FM. It is easier to work with C4FM than DMR. On C4FM, just punch the frequency in your VFO and start transmitting. The radio should take care of everything if you set it to AUTO. You can cycle through FM, "Digital Narrow" or "Voice Wide" by pressing the button AMS.

You can also refer to your country band plan. For the US it is available on the ARRL website.

The following Simplex channels are recommended for programming into your radio, others can be input via the front panel if needed.

1. 146.520 Mhz Simplex No Tone 2-Meter VHF FM National Calling
2. 146.550 Mhz Simplex No Tone Secondary
3. 446.000 Mhz Simplex No Tone 70-cm UHF FM National Calling
4. 447.000 Mhz Simplex No Tone 70-cm UHF
5. 145.670 Mhz Simplex No Tone D-Star Simplex Frequency

HF and Digital Packet Frequencies

Delta Division ARES Emergency	Day Night	7.246 or 7.280 Mhz 3.890 or 3.923.5 Mhz	Lower Sideband Voice Lower Sideband Voice
Louisiana ARES Emergency	Day Night	7.255 Mhz 3.878 Mhz	Lower Sideband Voice Lower Sideband Voice
Digital (Pactor)	Day Night	7.079.9 Mhz USB Center 3.595.9 Mhz USB Center	Pactor 1,2, or 3, P2P on Request Use RMS otherwise WB5LHS@Winlink.com
Digital (Packet)	Region 9	145.010 Mhz	WB5NET-1 (HMU) Digi, W5SLA (SIL)Node WB5LHS (HMU1)Knode, WB5LHS-1 (WASH1)
Digital (Packet)	UHF	446.100 Mhz	Backbone Between Nodes relay to GOHSEP
Health and Welfare	Day Night	7.290 Mhz 3.935 Mhz	Lower Sideband Voice Lower Sideband Voice