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| COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET BONNER ARES/RACES ICS-217 | | | | | | Frequency Band | | Description | | |
| | | | | | | UHF-VHF | | LOCAL | | |

| | Channel Configuration | Channel Name/Trunked Radio System Talkgroup | Eligible Users | RX Freq N or W | RX Tone/NAC | TX Freq N or W | Tx Tone/NAC | Mode A, D or M | Remarks |
|----|-----------------------|---|----------------|----------------|-------------|----------------|-------------|----------------|---|
| 1 | R | BALDY | TECH OR ABOVE | 442.5000 W | 131.8 | 447.5000 W | 131.8 | A | K7BNR |
| 2 | R | SPTCH | TECH OR ABOVE | 443.6250 W | 136.5 | 444.2250 W | 136.5 | A | K7LNA ON DIVISION CHURCH |
| 3 | R | LNGMV | TECH OR ABOVE | 442.0000 W | 110.9 | 447.0000 W | 110.9 | A | K7LNA VOICE LONG MTN |
| 4 | R | LNGMD | TECH OR ABOVE | 442.0000 W | 146.2 | 447.0000 W | 146.2 | A | K7LNA DIGITAL LONG MTN |
| 5 | R | COCOLA | TECH OR ABOVE | 147.0000 W | 123.0 | 147.6000 W | 123.0 | A | K7LNA |
| 6 | S | BNRSIM | TECH OR ABOVE | 146.4600 W | | 146.4600 W | | A | BONNER ARES PRIMARY SIMPLEX |
| 7 | R | BNRPR1 | TECH OR ABOVE | 444.7750 W | D131N | 449.7750 W | | A | BONNER ARES PORTABLE REPEATER *SEE NOTE 8 |
| 8 | R | BNRPR2 | TECH OR ABOVE | 444.7750 W | 141.3 | 449.7750 W | | A | BONNER ARES PORTABLE REPEATER |
| 9 | S | BNRDIG | TECH OR ABOVE | 146.4800 W | | 146.4800 W | | A | BNR ARES DIGITAL FREQ |
| 10 | R | HOODOO | TECH OR ABOVE | 145.4900 W | 123.0 | 144.8900 W | 136.5 | A | BCARC Repeater also N. Idaho Repeater Group |
| 11 | R | BLKMTN | TECH OR ABOVE | 146.9600 W | 123.0 | 146.3600 W | 123.0 | A | W7BFI BOUNDARY ARC |
| 12 | R | KTNEOC | TECH OR ABOVE | 147.0800 W/N | 100.0 | 147.6800 W | 100.0 | M | KC7ODP KOOTENAI EOC ARES-RACES |
| 13 | S | W7BFI | TECH OR ABOVE | 145.0900 W | | 145.0900 W | | A | W7BFI-7 BLK MTN WINLINK GATEWAY |
| 14 | S | WR7VHF | TECH OR ABOVE | 145.0900 W | | 145.0900 W | | A | WR7VHF-4 MT SPOK WINLINK GATEWAY |
| 15 | S | UHFSIM | TECH OR ABOVE | 446.0000 W | | 446.0000 W | | A | UHF NATIONAL CALLING FREQUENCY |
| 16 | S | VHFSIM | TECH OR ABOVE | 146.5200 W | | 146.5200 W | | A | VHF NATIONAL CALLING FREQUENCY |
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The convention calls for frequency lists to show four digits after the decimal place, followed by either an "N" or a "W", depending on whether the frequency is narrow or wide band. Mode refers to either "A" or "D" indicating analog or digital (e.g. Project 25) or "M" indicating mixed mode. All channels are shown as if programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and Tx reversed.

NOTES:

1. The convention calls for frequency lists to show four digits after the decimal place, followed by either an **N** or a **W**, depending on whether the frequency is narrow or wide band. Mode refers to either **A** or **D** indicating analog or digital (e.g. Project 25) or **M** indicating mixed mode (Amateur Radio repeaters are **Wide**). **D** may be substituted with **D***, **C4FM**, **DMR**, **NXDN** or **P25** as appropriate. If **M** is indicated, the digital mode should be included with a / delimiting the **M** and the appropriate digital mode (i.e. **M/D***). If expressing an HF digital mode, the preferred modem and insertion point should be indicated (i.e. MT63-1KL@1500, MT63-2KL@1500, etc.). All channels are shown as if programmed in a control station, mobile or portable radio. Repeater and base stations must be programmed with the Rx and Tx reversed.
2. Where receiver or transmitter tone access is shown, these may be overloaded for digital modes with appropriate terminology. For example, if a DMR repeater is indicated, the color code, time-slot and talk-group should be indicated, expressed as **CC1, S1, TG31160**.
3. 60-meter channels, per FCC regulation, must be stored in memory.
4. 60-meter operation, per FCC regulation, is limited to 100-Watts Effective Radiated Power (ERP).
5. 60-meter digital operation, per FCC regulation, must be centered on the center of the channel (i.e. 1500 Hz up from the dial frequency). The primary allocation for the 60-meter channels is for Federal use and is issued by the NTIA, where NTIA rules impose this requirement. The FCC rules, which govern Amateur Radio operations with a secondary allocation on 60-meters, impose the same requirements on the Amateur Radio operator as the NTIA rules impose upon the Federal operator.
6. 60-meter digital interoperability operations, involving FEMA Region X and using MT63-1KL or MT63-2KL should have the station configured to enable receive Read Solomon ID (RSID) so that modem selection will automatically track the transmitting station. With FLDIGI, check the RxID box at the top right of the window to enable receive RSID.
7. **Bonner County ARES currently does not have the equipment or ability to operate within DMR talk-groups.** The Brandmeister DMR Network supports several DMR Talk-Groups in support of Idaho ARES operations. The statewide talk-group is 31160. District 1 talk-group is 31161. Color Code and Time Slot access should be programmed in accordance with the requirements set by your local repeater operator or for your own DMR hot-spot device. Because of the large variability in operating frequency, color-code and time-slot, access details are not listed here.
8. The Bonner portable repeater #1 has a Digital Coded Squelch (DCS) of 131N (normal N vs inverted I). On Motorola radios this will be Digital Private Line (DPL).

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| COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET BONNER ARES/RACES | | ICS-217 | | Frequency Band | | | Description | | |
| | | | | UHF-VHF-HF | | | STATEWIDE | | |

| | Channel Configuration | Channel Name/Trunked Radio System Talkgroup | Eligible Users | RX Freq N or W | RX Tone/NAC | TX Freq N or W | Tx Tone/NAC | Mode A, D or M | Remarks |
|----|-----------------------|---|----------------|----------------|-------------|----------------|-------------|----------------|--------------------------|
| 1 | DMR | ARES ID STATEWIDE | TECH OR ABOVE | 0.0000 | SEE NOTE 7 | 0.0000 | SEE NOTE 7 | D | DMR, TG 31160 STATEWIDE |
| 2 | DMR | ARES ID STATEWIDE | TECH OR ABOVE | 0.0000 | SEE NOTE 7 | 0.0000 | SEE NOTE 7 | D | DMR, TG 31161 DISTRICT 1 |
| 3 | LSB | 75M ALTERNATE | GEN OR ABOVE | 3.8790 | | 3.8790 | | A | |
| 4 | LSB | 75M PRIMARY | GEN OR ABOVE | 3.9290 | | 3.9290 | | A | |
| 5 | USB | 60M INTEROP 1 | GEN OR ABOVE | 5.3305 | | 5.3305 | | A/D | MT63@1500 NOTES 3,4,5,6 |
| 6 | USB | 60M INTEROP 4 | GEN OR ABOVE | 5.3715 | | 5.3715 | | A/D | MT63@1500 NOTES 3,4,5,6 |
| 7 | LSB | 40M PRIMARY | GEN OR ABOVE | 7.1940 | | 7.1940 | | A | |
| 8 | LSB | 40M ALTERNATE | GEN OR ABOVE | 7.2580 | | 7.2580 | | A | |
| 9 | USB | 20M PRIMARY | GEN OR ABOVE | 14.2500 | | 14.2500 | | A | |
| 10 | USB | 20M ALTERNATE | GEN OR ABOVE | 14.3150 | | 14.3150 | | A | |
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