

V3 4/14/2022

## Black Hills Amateur Radio Club VHF/UHF QSO party

April 23, 2022 13:00 – 16:00 MDT

### Purpose

This QSO party is being organized to provide the Hams in the Black Hills area with an opportunity to do something fun during this time when we are spending more time than we want to at home. It will also provide newer Hams with an opportunity to get on the air in a new way. It will give us all a chance to meet new people and chat with old friends. We will also get chance to learn more about the capabilities and limitations of our equipment.

You can operate from either a fixed station or a portable station. This year we will not be differentiating between the two for points.

**Fixed** – This will be operating from your home radio shack or a permanently-installed radio at some other location such as the clubhouse.

**Portable** – This will be using a temporary antenna and battery, solar, wind or generator power. You can set up portable in your back yard if you want as long as you use a temporary antenna and portable power. This also includes installations in your vehicle.. HTs fall in this class.

We encourage everyone to operate at least part of the time from your home station so we get an idea where you can reach whom from your home.

### Locations

You can operate from up to 3 locations during the QSO party. Again make sure the log shows which contacts are from which location

### Bands/Frequencies

All contacts will be made using **FM simplex, SSB, CW, AM, or digital (PSK31)** on 6 meters, 2 meters and 70 cm. We will be using the following frequencies:

6m FM: 52.525 MHz primary, 52.540 MHz secondary

SSB: 50.125

CW: 50.200 MHz

AM: 50.400 MHz

PSK31: 50.290 MHz

2m FM: 147.510 MHz primary, 147.540 MHz secondary (#10 and #11 on the ARES list)

SSB: 144.200 MHz

CW: 144.050 MHz

AM: 144.400 MHz

PSK31: 144.144 MHz (SSB based)

70cm FM: 447.000 MHz primary, 446.500 MHz secondary (#21 and #22 on the ARES list)

SSB: 432.100 MHz

CW: 432.070 MHz

AM: 430.500 MHz

PSK31: 432.200 MHz (SSB based)

We will not be using PL tones for FM contacts. If you have programmed your radios using the Western SD ARES frequency list you will have to remove the PL tone on receive or you won't hear people who are not sending a tone.

Repeaters, cell phones, internet or smoke signals can be used to coordinate contacts but only direct QSOs can be logged.

## Exchange

Each exchange must include your **call sign**, the **mode used**, and **location number**. Please also spend a little time chatting and learn something about the ham you are talking to.

## Scoring and Awards

Each contact you make in each mode will be awarded one point

You can log another station once per band for each mode worked. This means it is possible to log a station 5 times on each band

Award certificates will be given for the three highest scores, and for the highest score for a technician class entry.

We will also be giving certificates for the longest distance QSO on each band.

## Logs

Log sheets will be available in Excel and PDF formats either attached to an email or on the club website - W0BLK.com. Please use these log sheets as it will make scoring easier. You can use a paper log during the QSO party but it would be much appreciated if you submit the log on an Excel spread sheet. We will accept a paper log if for some reason you can't get it into a spreadsheet.

Email completed logs to: **Don Jarvinen** [compass@rap.midco.net](mailto:compass@rap.midco.net).

Paper logs can be mailed to: **Don Jarvinen**, 3641 Serendipity Ln, Rapid City, SD 57702

Logs must be received by Monday, May 7 to qualify for awards.

We strongly encourage everyone who participates in this event to submit a log, even if it only includes a couple entries. This will help us understand where communications are possible using these bands.

If you have suggestions to improve the event, including changes to the rules or log sheets, please let us know.

## Have Fun

The most important rule for this event is to **have fun**.