

7QP Expedition to Green River, UT — Part Duex

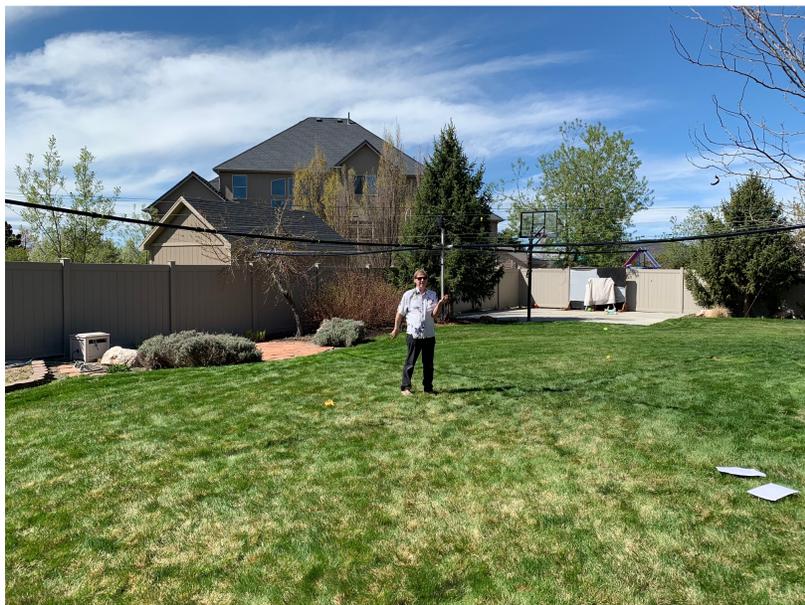
In 2017 Max/NG7M, and I, Darryl/K7UT, operated from the Grand/Emery county line in Green River as K7UM, the UDXA club call. We obtained permission from the director of the John Wesley Powell Museum to set up and camp over night in their park which placed us within 400 feet of the county line. We set a class record for multi-single county line operation with 485,000 points.

This location is ideal as it offers lawn, shade, potable water, power and tall trees! And the motel next door offers all the other amenities including WiFi.

We decided it would be fun to break our existing record for Multi-One County Line class. And began to make preparations for an effort as K7KC, with club call of the Great Salt Lake Contest Club.



On Saturday, April 20th, I along with Graydon/N7RXL, went to Max's home and set up the Spiderbeam we intended to use. Graydon demonstrates how strong he is by holding the finished product in one hand.





We checked out the trailer and equipment that had not been used since Max's 2012 record breaking 409,344 point Single Op effort from a three county line from the Utah/Wyoming border.

During the next week Max set up the entire station in his family room and checked that everything was automated as possible.

The station consists of an Elecraft K3, an RF-Kit legal limit amplifier, Palstar automatic tuner, laptop with N1MM+, 20 inch monitor, keyboard, an SDR radio to provide a Panadapter display, and other stuff.



On Thursday, May 4th, Max drove the trailer and all the gear down to Green River and began the set up. He was able to find a source of 240 vac power in a sprinkler control box and with permission from the powers that be, ran 220 to the trailer for the amplifier.

Darryl and Graydon arrived the next morning with willing hands and more antennas and equipment and the rest of the setup began.



We put up an 80 meter dipole fed with ladder line about 50 feet high between two trees oriented north/south. Then the Spiderbeam went up on a 60 foot mast and a 40 meter inverted V was put up, oriented north/south with its apex at 55 feet.

The location was ideal. The weather was perfect. We were excited and in good shape waiting for Saturday morning.

We started out on 40 meter SSB with a 151 Q first hour followed by a 165 Q hour, then 260, 136 and 140 hours on CW, and with another 260 Q mixed hour were at 1113 Qs by 1:00 o'clock.

Another really productive three hours on 20 meters followed. Then, Graydon came running into the trailer shouting "We have a catastrophic failure!"

Sure enough. A microburst came, seemingly out of nowhere, and the mast supporting the Spiderbeam failed.

First order of business was to secure everything we could and decide how to put up the 40 meter Inverted V so we could get back on the air.



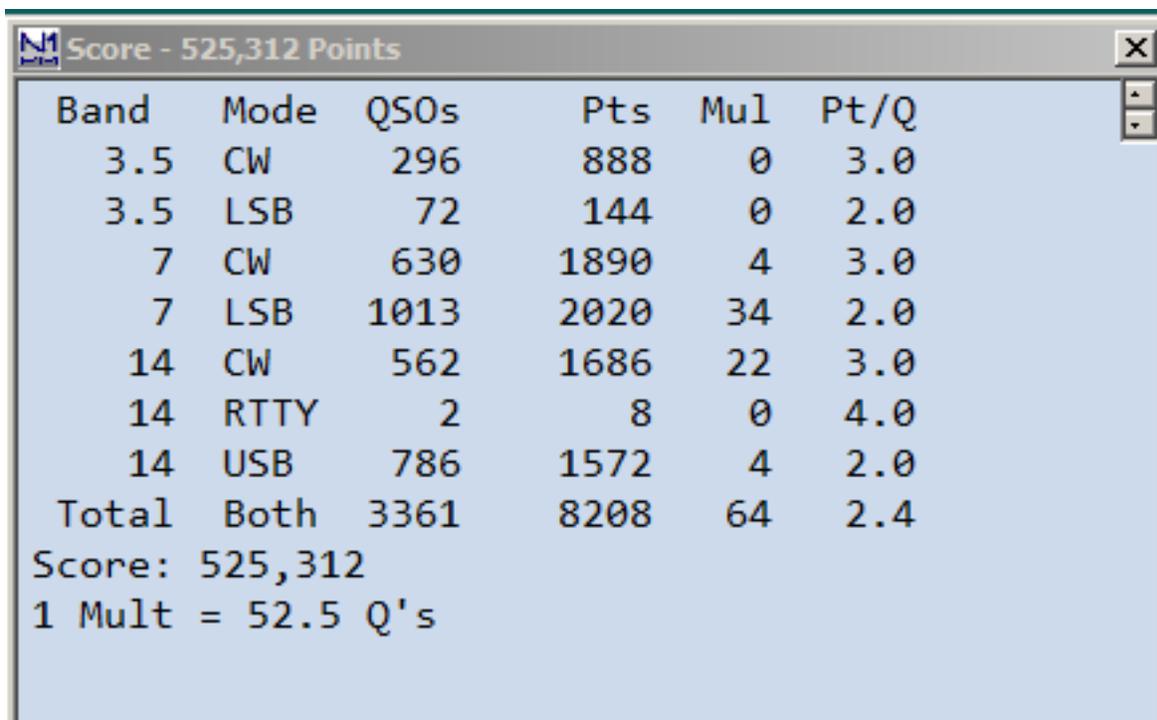
After about 90 minutes of Chinese Fire Drill we had a antenna back up and continued operating.

The rest of the day and evening went well.

Sometime in the Midnight hour we pushed over 500,000 points. In the last fifteen minutes Max was able to work the last really valuable DX multiplier AM70URE/8 which was worth 50 Qs to bring us up to 525,312 total points.

We think we have another new record. We know we gave it a good effort. We had great fun.

During the long hours of set up we kept asking each other, "is this worth it?" Ya it was. It is.



Band	Mode	QSOs	Pts	Mult	Pt/Q
3.5	CW	296	888	0	3.0
3.5	LSB	72	144	0	2.0
7	CW	630	1890	4	3.0
7	LSB	1013	2020	34	2.0
14	CW	562	1686	22	3.0
14	RTTY	2	8	0	4.0
14	USB	786	1572	4	2.0
Total	Both	3361	8208	64	2.4

Score: 525,312
1 Mult = 52.5 Q's

On the drive home we started planning for the next one.

