

**DR2X**  
**JO40QL**

**IARU**  
**Region 1**  
**VHF Contest**  
**2021**





## The Set Up

### The Station for 2 Meter

Elecraft K3s (IF 14 MHz)  
Crystal Filter for RX/TX IF by DA0FF  
Transverter TR144H+40 by DB6NT  
BEKO Power Amplifier  
Antennas 4x4x4, 2x2x9, 2x17  
Sennheiser Headset PC-151  
Schurr CW Paddle  
WinTest for logging

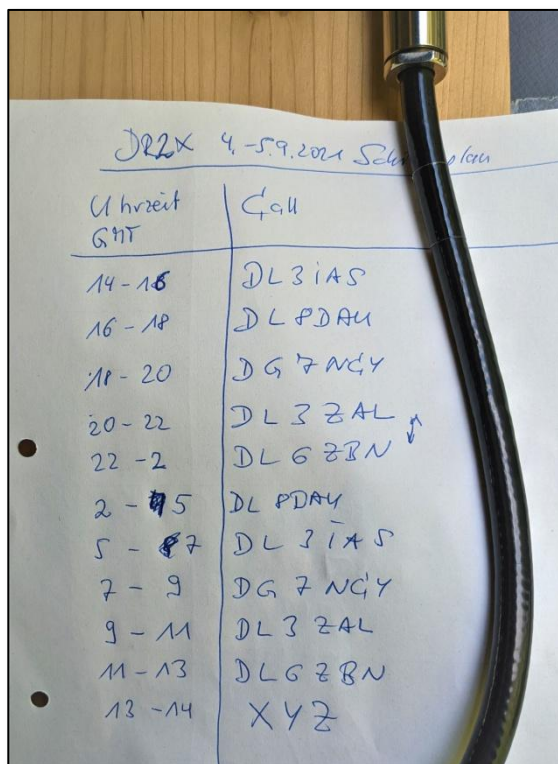
### For OQ-100 Satellite

Yaesu FT857 (IF 432 MHz)  
LZ5HP Transverter for 2400 MHz  
2.5 Watt Power Output  
POTY Feed and 80 cm Offset Dish  
Bullseye LNB with TCXO  
HackRF SDR  
Laptop with SDR Console



*Was the 4x4x4 "Star Antenna" really dismantled after the contest?  
No, Fake News!*



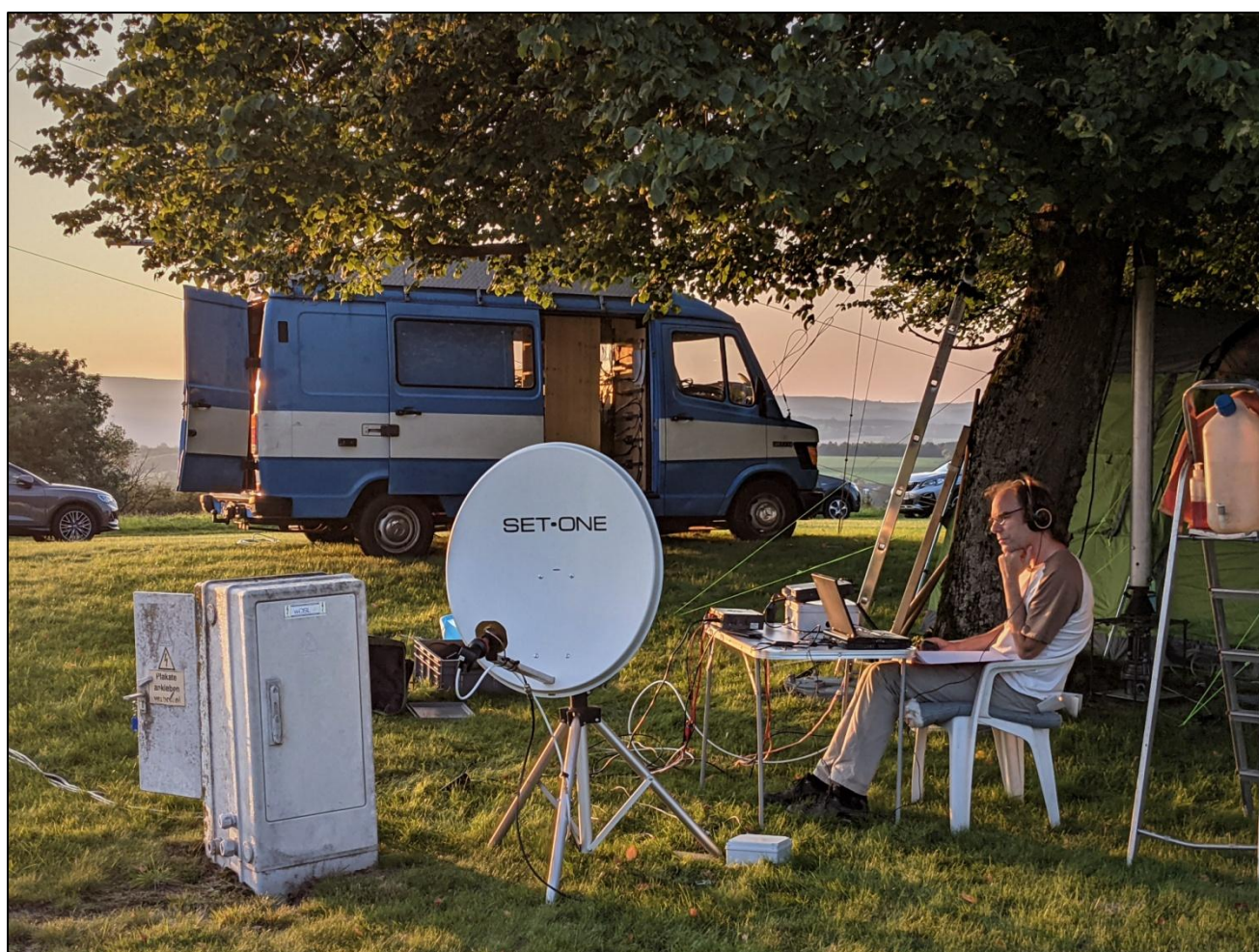


DR2X 4.-5.9.2021 Schmalz

Uhrzeit GMT	Call
14-16	DL3IAS
16-18	DL PDAY
18-20	DG7NGY
20-22	DL3ZAL
22-2	DL6ZBN
2-5	DL PDAY
5-8	DL3IAS
7-9	DG7NGY
9-11	DL3ZAL
11-13	DL6ZBN
13-14	XYZ



Operating







## The Results!

### On QO-100 Satellite

Just for Fun: 4 QSOs (2 x DL, OH and EI)

### On 144 MHz in the Contest

857 QSOs

271 883 Point

319 km/QSO

ODX 1096km (GM4CXM in IO75TW)

99 Locator Squares

18 DXCC (DL, HB9, OE, OK, OM, SP, SM, OZ, G, GM, F, ON, LX, PA, HA, I, 9A and S5)





## Beside the Contest





# The Landscape



We had a wonderful weather. Not too hot or cold, and above all dry. Unfortunately, we could use the good tropo conditions UK with one exception: On Saturday evening three QSOs to Scotland were possible. The duct was very selective, and nothing was audible at the beginning. But at the end Allan GM4ZUK/p produced a loud signal.

But listen for yourself:

<https://c.web.de/@337150638448182491/tjoh4-EYRGKTjqRFcfEMPQ>

DAOFF on the Wasserkuppe (JO4OFF) was QRV again. But thanks to good equipment, additional filtering and a large frequency spacing between us, interference like phase noise on our running frequencies was almost inaudible. But we had often strong QRM directly on our running frequency (144.3535 MHz for most of the time) by other stations.

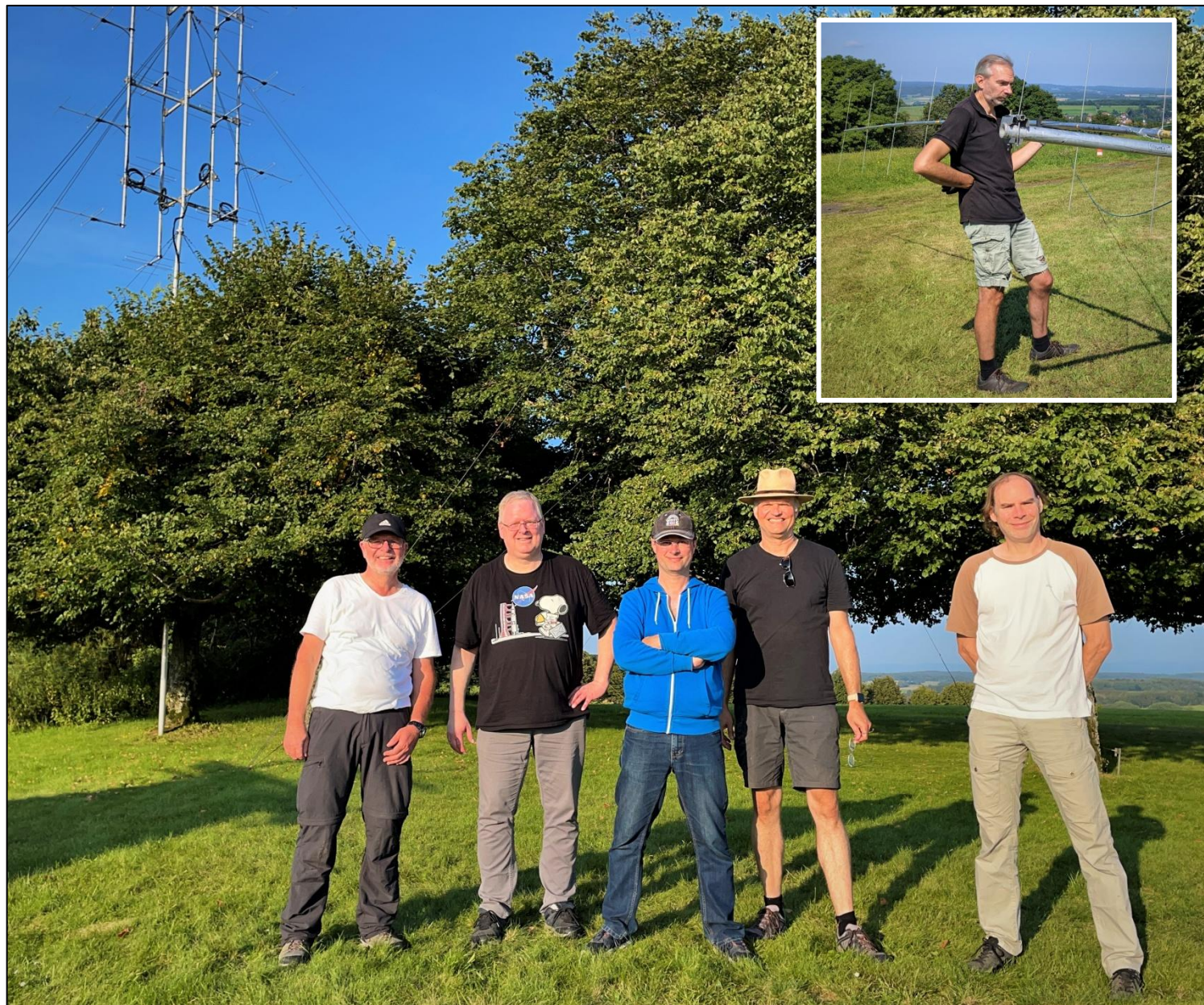
Eberhard DG7NCY set up his new station for QO-100, and made a few QSOs.



By the way: Congratulations to Team SN7L. Exactly after 40 years, their own record on Sněžka JO7OUR (OK1KHI/p in 1981) may be broken with nearly **600 000 Points!**



# Thank You for the Points!



*f.l.t.r.: Matthias DL8DAU, Jörg DL6ZBN, Nino DL3IAS, Eugen DL3ZAL and Eberhard DG7NCY  
On the small picture: Dirk DK7CM (only present on Saturday)*

## See you next contest Best 73 and stay healthy