

# DR2X - JO40QL



## Contest Report July 2021

## ***Preparations***

**The assembly of the upper of both  
17 element longyagis by M2 \***



**Check: Is the lower antenna aligned  
parallel to the upper antenna? \***



**This (cable) salad was definitely  
not for eating!**

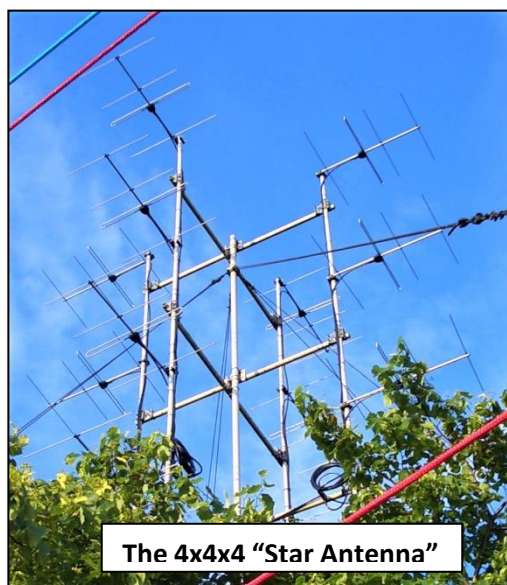
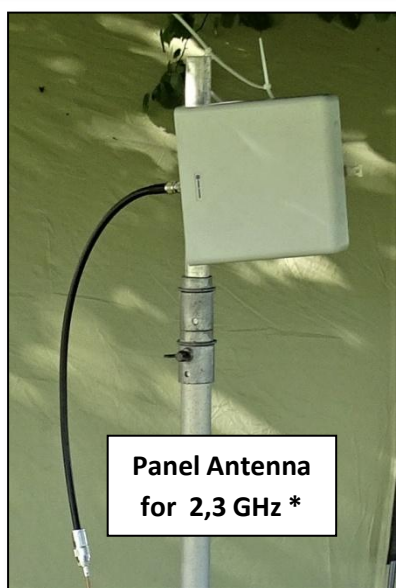
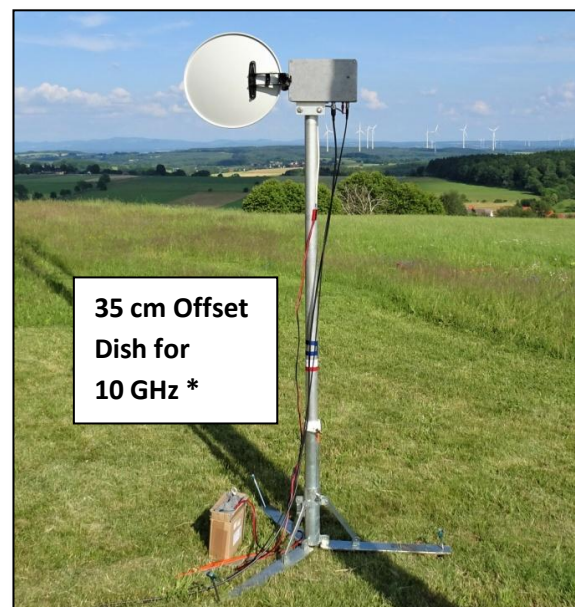
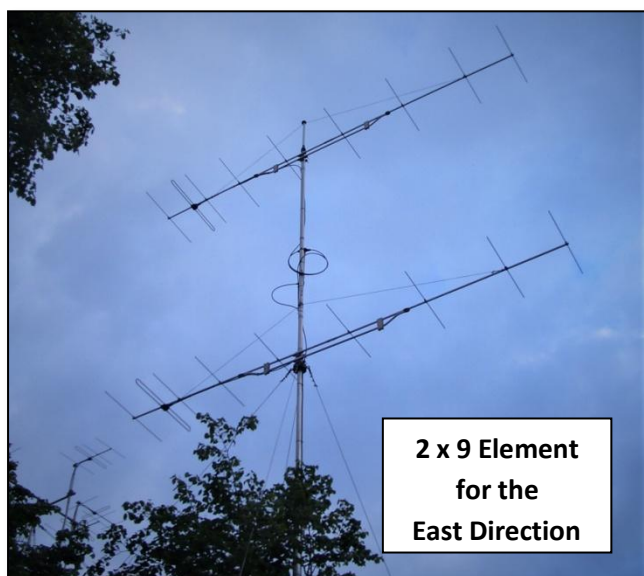
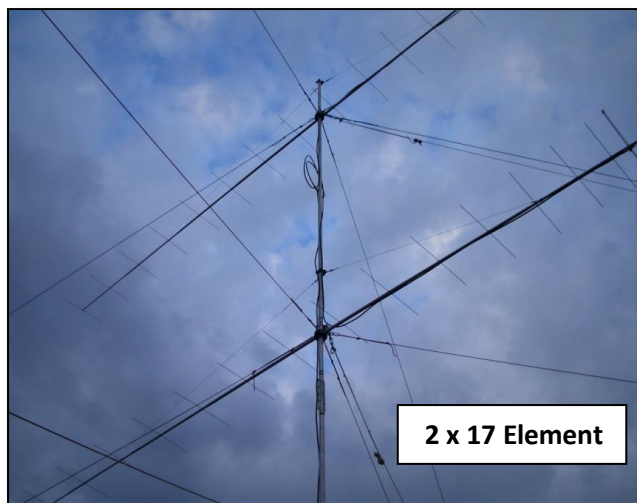


**Will a smaller tent be sufficient  
for an overnight stay,  
or should it be a bigger one?**





## ***The used Antennas***







Details of the 10 GHz Transverter & Antenna System

## Other technical Stuff



Elecraft K3s with antenna control box and the contest laptop



On the left: Box with 106,5 MHz PLL LO and 10 MHz OCXO for 10 GHz  
On the right: Yaesu FT857 and LZ5HP Transverter for 2,3 GHz \*



Elecraft KX3 for 10 GHz IF



Somehow most of the 2m antennas had to be turned





## Contest Operation

DARC VHF Contest Juli 2021		
UTC	CALL	DR2X
14-16	DL8DAU	
16-18	DJ0WW	
18-20	DL3IAS	
20-22	DG7NCY	
22-0	<del>DL6ZBN</del>	DL3ZAL
0-2	DL6ZBN	
2-4	DL6ZBN	
4-6	DL8DAU	
6-8	DJ0WW	
8-10	DL3 <del>IAS</del> IAS	} KANN KURZFRISTIG GEWECHSelt WERDEN
10-12	DL3ZAL	
12-14	?? DL5ZBN	
Viel Erfolg DR2X		

Who was probably at the microphone or key during my QSO with DR2X on 2m?



Nino Stahl DL3IAS



Matthias DL8DAU as 1<sup>st</sup> OP on the Microphone,  
Glyn DJ0WW as 2<sup>nd</sup> OP checking DX Cluster and ON4KST Chat



The author of this contest report was  
not only QRV on 10 GHz \*

Eberhard DG7NCY during the QSO on 2,3 GHz  
with Alexander DH1NAX.

Really big signals from JO50TI:

<https://c.web.de/@337150638448182491/aWHxBbpHRzaeCdO0FZYoeA>





**A very pleasant weather on Saturday at sunset! \***

## Miscellaneous



**After two summers of drought, Mother Nature has enough water to blossom again**



**Distance view to southeast: The Dreistelzberg (660 m a.s.l.) in the Bavarian part of the Röhn Mountains \***



**If DA0FF had been QRV (they didn't), they would have had to QRT already on Sunday noon because of thunderstorms**



**Fortunately, the first thunderstorms did not reach us until around 16:00 local time on Sunday afternoon \***

## The Results (2m)



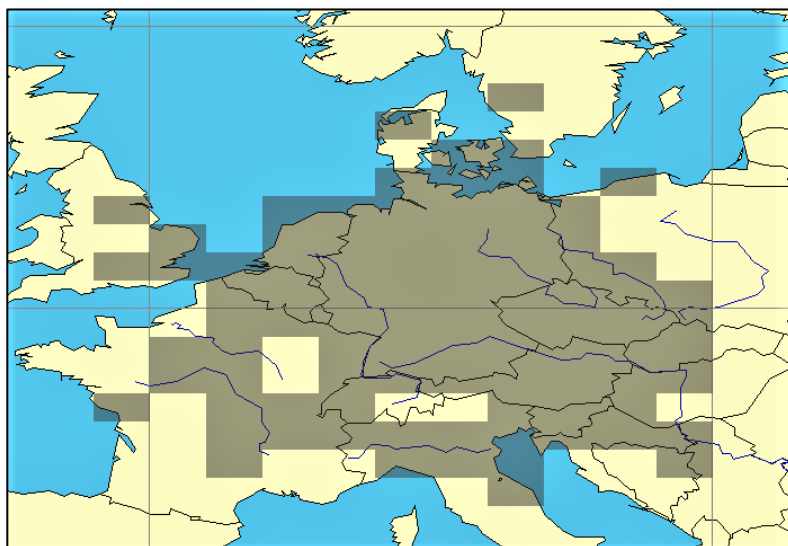
### Equipment 144 MHz / 2m

Elecraft K3s  
DB6NT TR144H+40 Transverter  
with 14 MHz IF  
Power Amplifier BEKO 750 Watt  
Sennheiser Headset PC-151  
Schurr CW Paddle  
Chrystal Filter for 14 MHz IF RX  
and TX by DA0FF

Contest Software WinTest

### Result for 144 MHz:

Number of QSOs	775
km/QSO	309
ODX	1036 (YT4B)
DXCC	17
Squares	90
Points:	239437



The worked squares on

An animated QSO "Time Lapse" Video:

[https://c.web.de/@337150638448182491/wYqg4U\\_RT-apJA3Uy2MAPA](https://c.web.de/@337150638448182491/wYqg4U_RT-apJA3Uy2MAPA)



## The Results (Microwave)

### Equipment 10368 MHz / 3cm

Elecraft KX3

10 MHz OCXO by KVG

106,5 MHz PLL LO by DB6NT

DB6NT Transverter MK2 with

144 MHz IF

Power Amplifier DL2AM 10 Watt

Elecraft MH3 Microphone

Sennheiser Headset PC-151

Elecraft KXPD2 CW Paddle

Paper Log & Contest Software

WinTest (after Contest)

### Result for 10368 MHz:

Number of QSOs	10
km/QSO	255
ODX	422 (OE5VRL)
DXCC	3
Squares	8
Points:	2549

### Equipment 2320 MHz / 13cm

Yaesu FT857

LZ5HP Transverter with 432 MHz IF

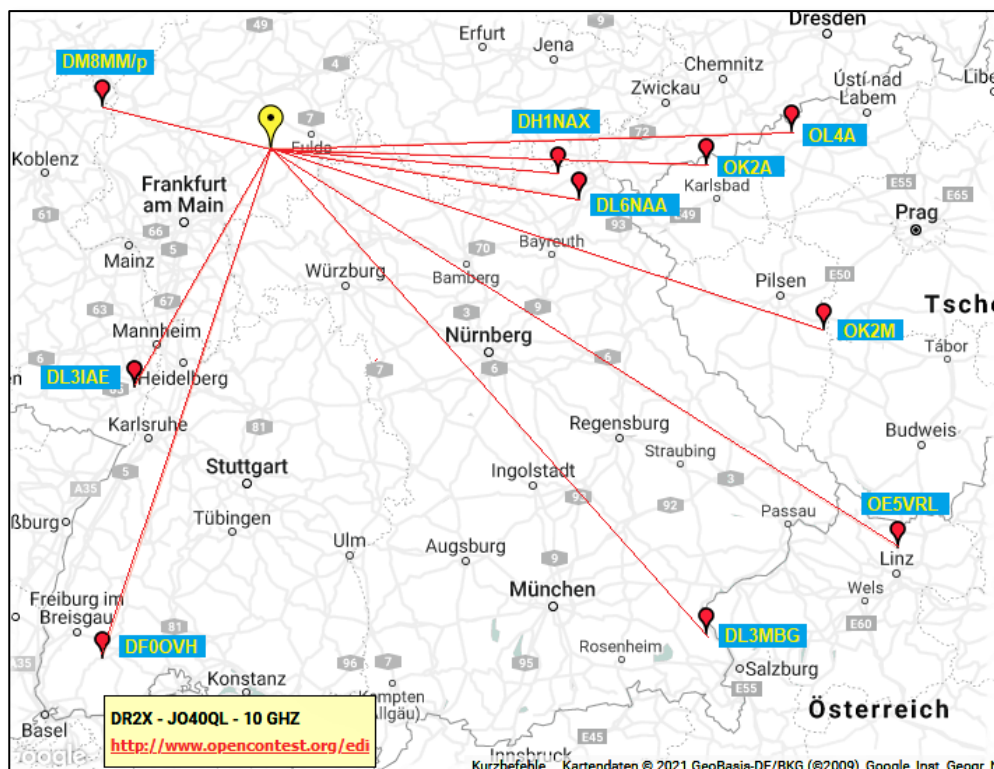
Power Output 2 Watt

MH-31 A8J Microphone

Palm Pico CW Paddle

Paper Log & Contest Software

WinTest (after Contest)



### Two 10 GHz Audio Files:

OK2A JO60JJ inn SSB

<https://c.web.de/@337150638448182491/vkAPRBAJSFGZnZWAATBNJA>

OK2M JN69UN in CW

<https://c.web.de/@337150638448182491/vWk144HaQYi-aWO7Fe7UZg>

### Result for 2320 MHz:

Number of QSOs	2
km/QSO	159
ODX	161 (DH1NAX)
DXCC	1
Squares	2
Points:	317



***The DR2X Team says: Thank You!***



From left to right top row: Eugen DL3ZAL, Jörg DL6ZBN, Dirk DK7CM, Glyn DJ0WW and Eberhard DG7NCY  
From left to right bottom row: Matthias DL8DAU and Nino DL3IAS

***We hope to hear you again in the next contest  
Best 73 and staying health***

*Note: All unmarked photos by DL3IAS. All asterisked photos courtesy of Dirk DK7CM. Thank you!*