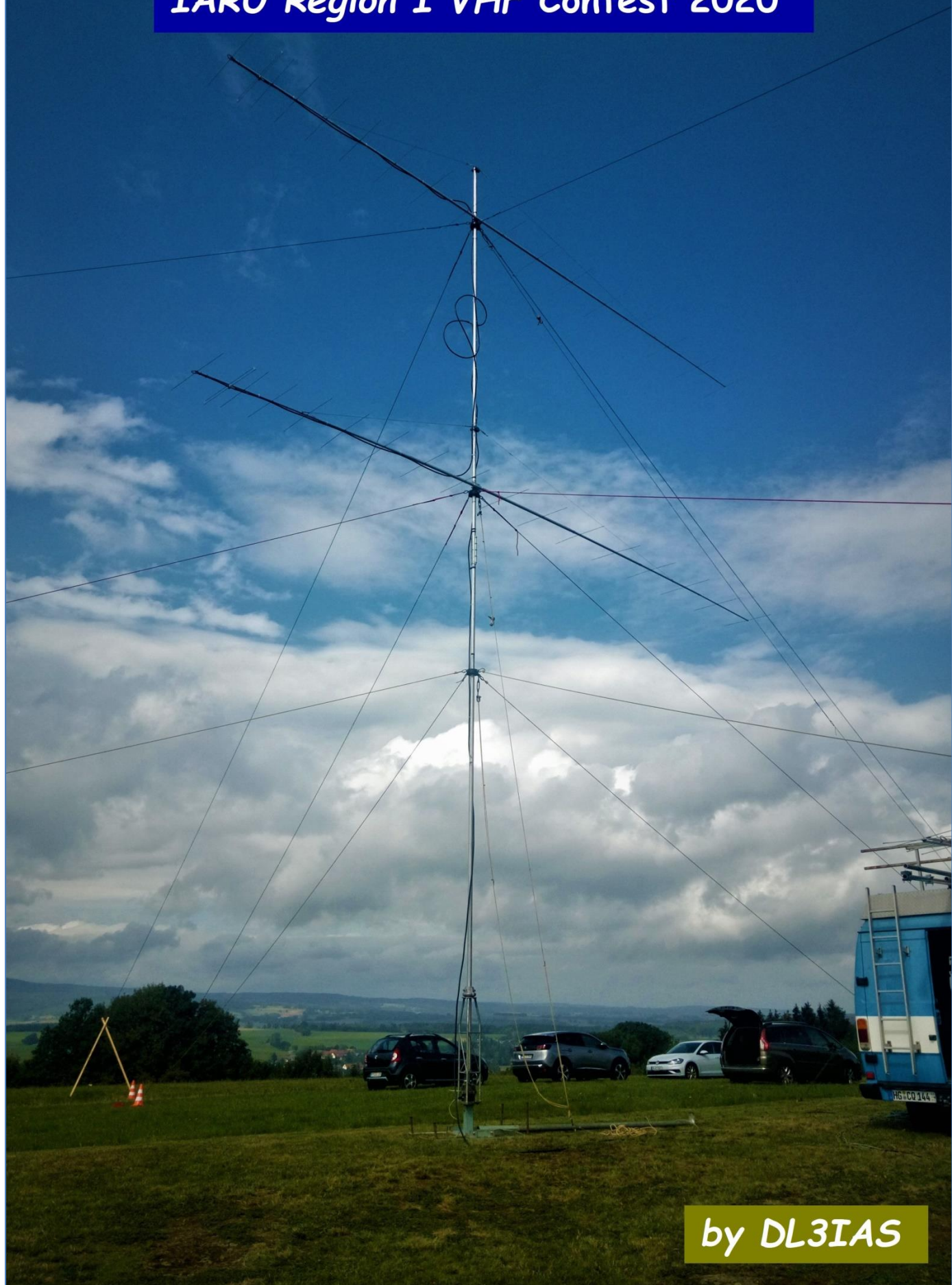


Contest Report DR2X / JO40QL
IARU Region I VHF Contest 2020

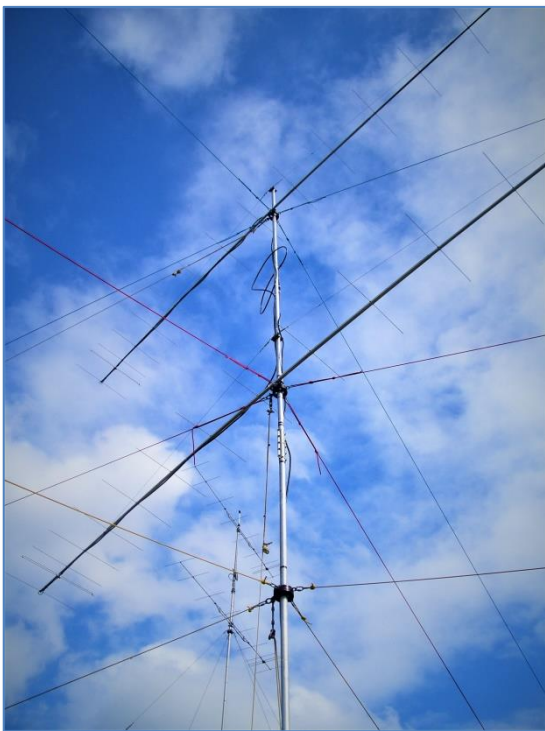


by DL3IAS

The Antenna Farm (Part 1)



All antennas on Sunday morning. On the left the WIFI tower providing Internet for the villages around



*In the foreground: The big 2x17 for long distances.
In the background: The "high" 2x9 for all directions*



*Not with big gain, but an "allrounder":
The so called "Star Antenna"*

The Antenna Farm (Part 2)



The 2x9 "East Antenna" – Most time directed to the capital City of Germany



*For the first time space operation via QO-100 on the contest side.
And to whom do we have these great satellites to thank for? See on page 5!*

The Equipment



Glyn DJ0WW during his first shift on Saturday evening

The Contest Station for 2 Meter

Main Station: Elecraft K3s
Kuhne Transverter TR144H+40 (14 MHz IF)
Power Amplifier by BEKO
Schurr CW Paddle

Back-Up Station: Elecraft K3
Kuhne Transverter TR144H (28 MHz IF)

Crystal Filter for 14 MHz IF TX/RX by DA0FF

Contest Software WinTest

The Station for QO-100 Satellite

Up-/Downconverter by DX-Patrol
10 MHz OCXO
13 cm PA by DL2AM / 5 Watt at the Feed

For TX IF (432 MHz): Icom IC402 *
For RX IF (28 MHz): Elecraft KX3

Antenna: 75 cm Offset Dish DUR-Line
POTY Feed with modified LNB by DX-Patrol

* The Up-Converter was switched from 2 m to 70 cm IF to avoid interference with the 2 m contest station



The set up for deep space communication



We have tested the POTY Feed with and without protection against biological hazards. But at the end it didn't make much difference in signal strength. Not very surprising...

What else was going on?



*The usual "Grass Cutting Contest"?
Yes, but this time the rookie section!*



*Dismantling of the 2x17 on Sunday late
afternoon after the end of the contest*



*A reason to celebrate:
25 year anniversary of the VHF Contest Group Vogelsberg!*



*A very important part of our
non-radio equipment*



*View to the east direction Röhn Mountains.
From which QTH were 1275 QSOs possible during this September Contest?*

Our two special Guests



*A total surprise, and really not planned / a total coincidence (on the right):
Peter Gülzow DB2OS, the president of AMSAT-DL!
Peter was on his way back from a small AMSAT meeting at Stefan DG8FAC in Steinau an der Straße*



*Our second visitor was not surprising (on the left): Roland DL5RGA,
who spent the weekend in the neighboring shortwave QTH Wittgenborn (DP6T)*

The Result (Part 1)

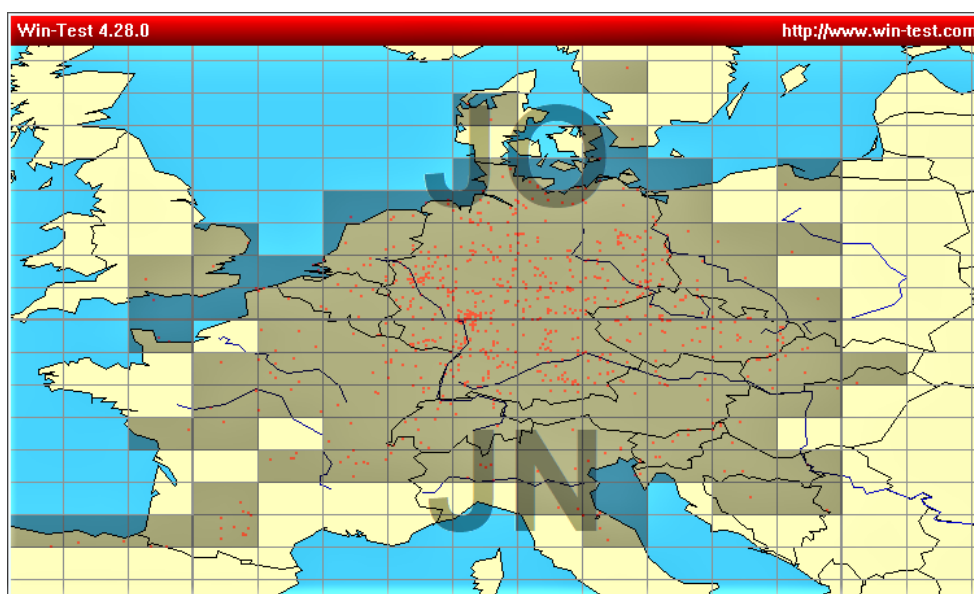


This time excellent tropo DX into direction Toulouse and northern Spain!

QSOs	Points	Average	ODX	Worked DXCC	Squares
862	276159	320 km/QSO	1333 km (EA1RLE IN73TA)	21 (DL, EA, E7, F, G, HA, HB9, I, LX, PA, OE, OK, OM, ON, OZ, PA, SM, SP, S5, YU, 9A)	103

On Satellite via QO-100 (Callsigns DG7NCY/p and DL3IAS/p):
 17 QSOs
 8 DXCC (DL, G, I, LA, PA, S5, UA, 9H)
 ODX with R9LR from MO27QF (3640 km)

The Result (Part 2)



The worked locator squares on 2 m

Callsign	Locator	Distance (km)
EA1RLE	IN73TA	1333
EB1RL	IN83FD	1275
EA2TZ	IN83WE	1191
EA2T	IN93IA	1159
TM60TDF	IN93OA	1133
YT4B	JN94SD	1040
F5DYD/P	JN03KG	1029
F4CWN	JN03KN	1003
F1EIT	JN03SJ	986
F6DRO	JN03TJ	983
F1UOA	JN03SK	983
F8CH	JN03PO	979
F5KHP	JN03KV	973
F1BOH	JN03UN	963
F8GQO	JN03VX	922
F5FDC	JN04SC	922
F1AQS	JN04UB	918
F1AGR	JN04RJ	901
9A8D	JN95LM	901
E7DX	JN84OM	886
SF6F	JO67QS	852
IU4FNO/O	JN63JF	847
HA6W	KN08FB	847
F5KKE/P	IN96WO	821
HG6Z	JN97WV	815
IQ5NN	JN63GN	806
9A1N	JN85LI	802

The Top QSOs with more than 800 km

The Team



*Our final group photo – This time with much more distance than usual
From left to right: Eberhard DG7NCY, Eugen DL3ZAL, Nino DL3IAS, Matthias DL8DAU and Dirk DK7CM
Not on the Foto: Glyn DJ0WW*

*Thanks for the points,
and hope to hear you all again
during the next contest!*