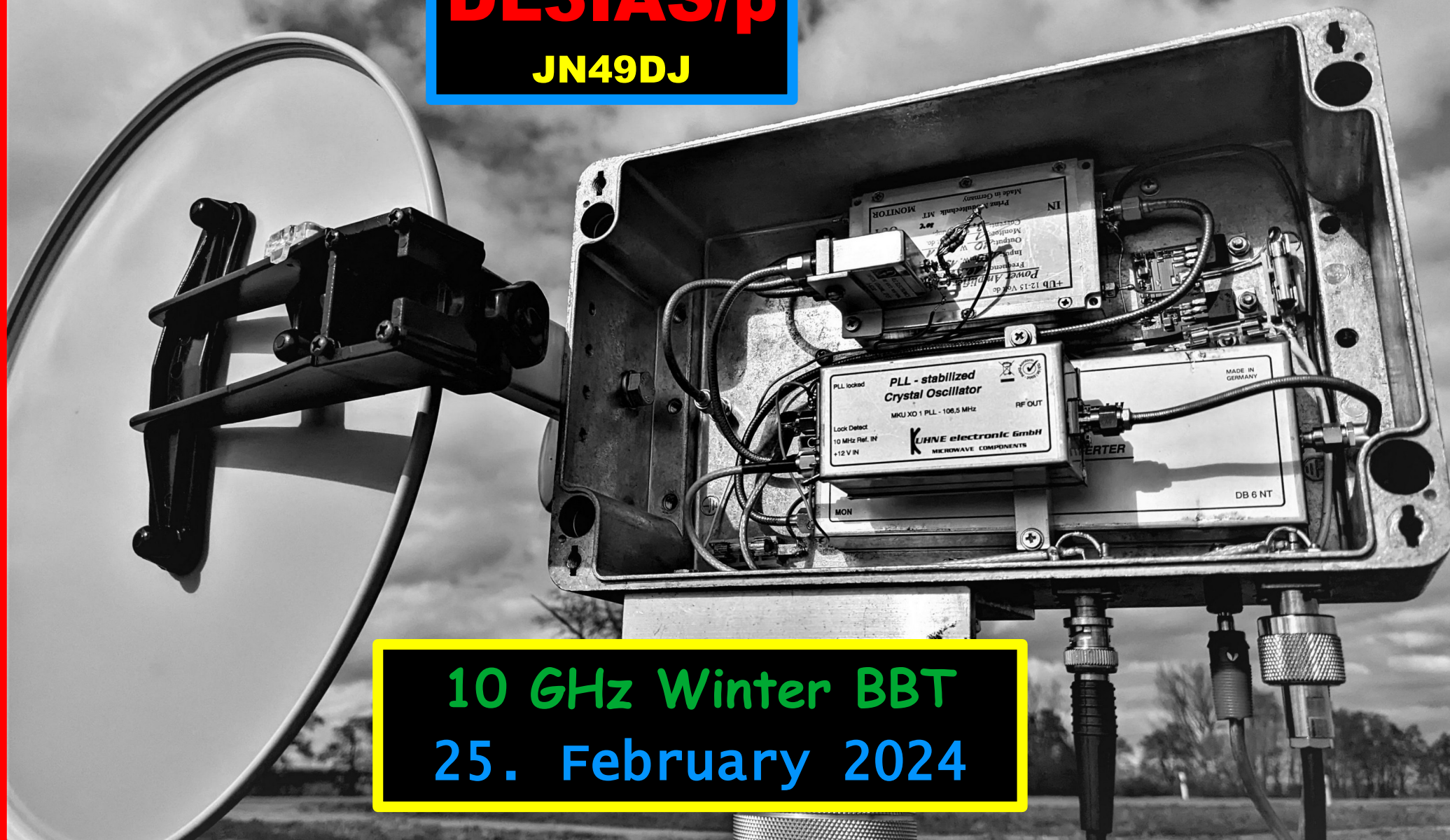


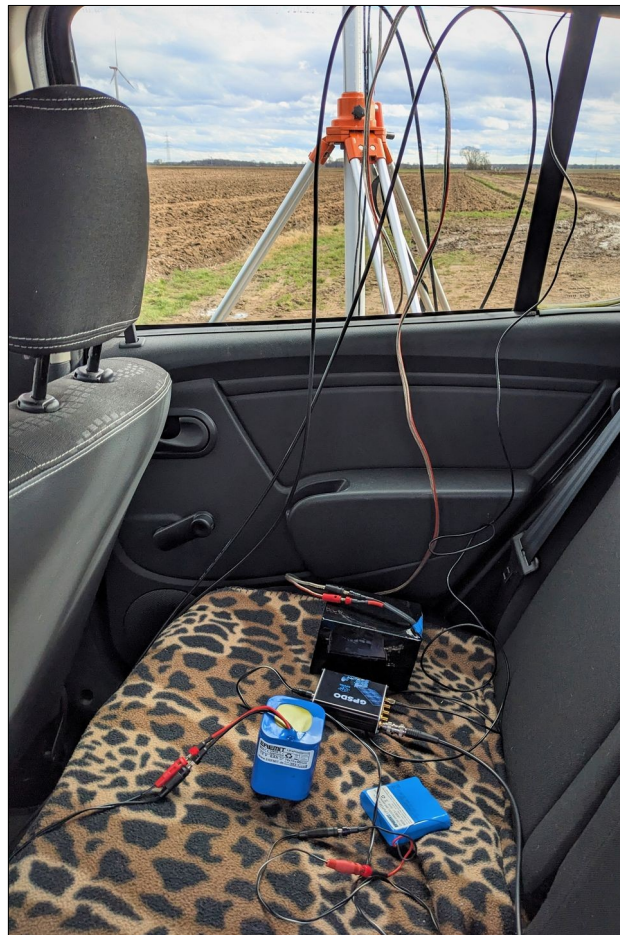
DL3IAS/p
JN49DJ

10 GHz Winter BBT
25. February 2024





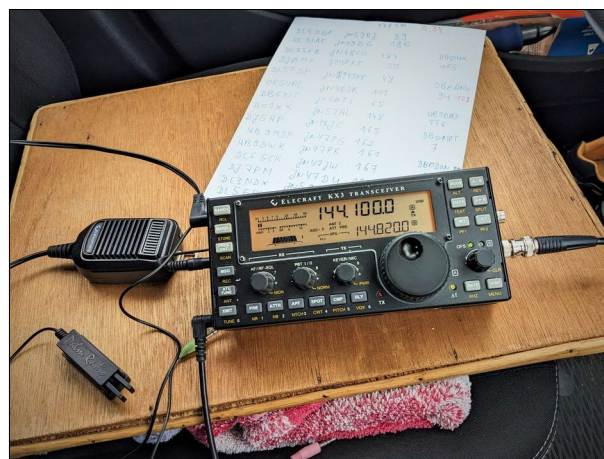
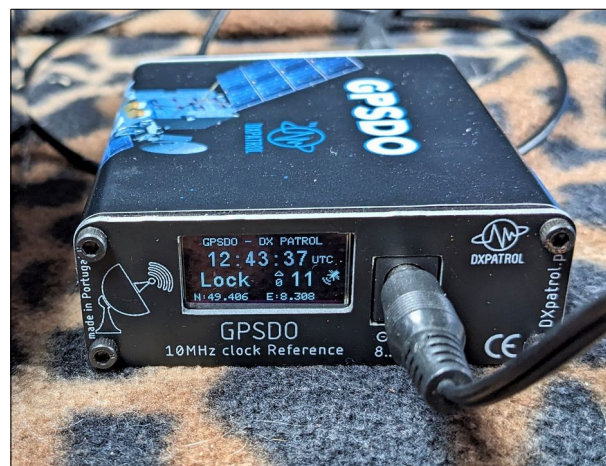
The offset dish is removed from the transverter during transport
Tripod and transverter fits easily into the car boot



Each of the three modules (10 GHz transverter, GPSDO and the Elecraft KX3) has its own power supply

Equipment

- 10 GHz transverter MKII by DB6NT (144 MHz IF)
 - 106,5 MHz PLL XO by DB6NT
 - 10 Watt power amplifier by DL2AM
 - GPSDO for 10 MHz reference by DX Patrol
 - IF transceiver Elecraft KX3 with internal 2 m transverter
 - Elecraft hand microphone
 - Palm Mini CW paddle
 - Sennheiser headset
 - 12 V / 18 Ah LiFePO4 battery by EREMIT for transverter
 - 12 V / 6 Ah LiFePO4 battery by EREMIT for KX3
 - 12 V / 2 Ah LiFePO4 battery by EREMIT for GPSDO
 - Back up IF transceiver: YAESU FT817 (not used)
 - 35 cm offset dish by SCHWAIGER
 - SQG feed by OZ8AFC
 - Simple paper log on site
 - Google Pixel 4a for ON4KST chat – No talkback on 2 m!
- <https://kst2you.bss.design/>





My portable QTH from where I am QRV for 10 GHz rain scatter during summer. The 23 cm part of the winter BBT at the beginning of February was already successful with 29 QSOs and only 2 watts QRP. Also this time a good result. Almost all skeds were successful. Although I was "only" at an altitude of 110 metres, it was crucial to have a very good take-off to the south into the BBT activity centre. I was able to copy Carlo IU4MES south of Bologna in JN54QH (QRB 612 km) a few times briefly via airplane scatter. But it was not long enough for a QSO.

[Video "IU4MES 10 GHz via Airplane Scatter" \(Size 17 MB\)](https://c.web.de/@337150638448182491/aMW0o2s8SbORN3JHn657Uw)

<https://c.web.de/@337150638448182491/aMW0o2s8SbORN3JHn657Uw>



Winfried DL4IV visited me briefly after the start of the contest