



Bavarian Contest Club H3K

January 2026

by Braco, E77DX

Project World Records

CQ WW DX and WPX - **SOAB World Record QTH facts**

- Zone 33, 35 – place to be (EA8, CN, CT3, D4, 6W, 5T + 7X, 3V, EA9, 5A, IG9)
- Zone 9 – have potential but impossible to beat current WR (2025 scores)
- Zone 7 & 8 – not any more
- QTH with good antennas or beach QTH with sea path +- everywhere
- Fully capable SO2R SSB and 2BISQ_CW
- No compromise on antennas and setup

Possibilities in 2024/25

- Zone 33 and 35 EF8R, CQ9A, CR3DX, CN3A, D4C
- Zone 9 PJ4K, PJ4A, FY5KE, PJ2T
- Or to find some beach QTH and go 100% fielday with +-verticals on the beach
- D4C was for me best option and best QTH I could get

History

- D4 – Cape Verde – AF – ITU Zone 35
- Was always my dream QTH
- Mostly single Mult – 3 point land
- D4C QTH: right place to be
- IK2NCJ: key person & good friend
- My previous travels
- 2013 M/M CQ WW DX SSB
- 2015 Antenna rebuild + M/2 WPX SSB
- 2023 SOABHP WPX SSB
- ✓ - 2023 M/M CQ WW DX CW
- 2024 CQ WW DX CW
- 2025 WPX SSB
- 2025 WPX CW



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About D4C QTH

- WAZ 35 – ITU 46
- Sao Vincete Isl. – IOTA AF-086
- Close to Mindelo
- Monte Verde (30 min from Mindelo and 45 min from Airport) about 700m ASL
- QTH loc. HK76MV

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Expectations

- Depending on competition I was expecting to win CQWW DX CW
- I do consider myself as better SSB than CW operator
- During HAMRADIO 2024 my participation in CQ WW DX CW was confirmed by Monte Verde Contest Team
- Felipe NP4Z, who I spent most of my time with in FHN (he was staying in same Hotel), convinced me to take my participation more serious and go for WR
- Point of no return ...

CQ WW DX CW - **World Record facts**

ZF1A (N6MJ)	11,840 QSOs	169 Zones	539 DXCC	20,188,620 points	(2023)
D4C (CT1BOH)	9,277 QSOs	165 Zones	578 DXCC	19,905,713 points	(2019)
TI7W (KL9A)	11,224 QSOs	162 Zones	534 DXCC	18,816,632 points	(2019)
EA8AH (N5TJ)	7,555 QSOs	183 Zones	634 DXCC	18,010,765 points	(2000)
D41CV (CT1BOH)	8,734 QSOs	153 Zones	540 DXCC	16,945,234 points	(2018)

My Plan / Thoughts

- Goal 10,500 QSOs 160 Zones 550 DXCC 22,500,00
- Enough margin to stay above WR after UBN
- For 10,500 QSOs = avg rate of 220 QSO/h for 48 h
- Expecting to have some low hours on low bands in maximum solar activity
- Without 2BISQ not possible to reach more than 8 K QSOs

CQ WW DX CW – E77DX facts

- Only 2 serious entry in SOAB entry in CQ WW DX CW
- Never operated CQWW DX as SOAB from 3 point land (beside 22 hours holiday style from 8Q7DX)
- Best score: E7DX (E77DX) 7036 QSOs 142 Zones 403 DXCC
 6,675,085 Points (2020)
- Best rate: 238 QSO/h -2020
- Little real 2BISQ experience

I was aware that based on my experience my chances to break the World Record were not big.

CQ WW DX CW – Preparation

Hardware:

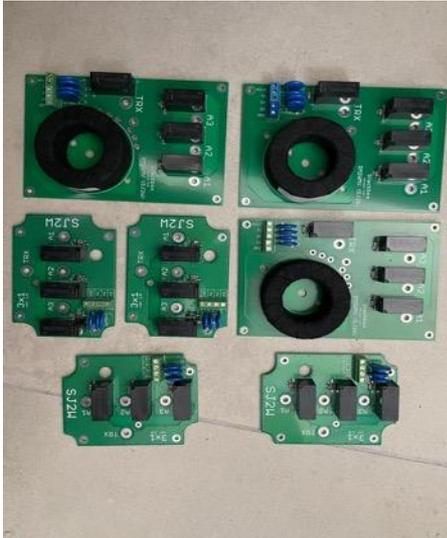
- D4C is M/M station without any fix setup
- only Flex radio 6600, FTDX-10, IC-7610, single band LP BPF, single band AMPs, 4O3A Antenna Genius (broken), antennas fixed in different directions without possibilities to use 2 or more directions in same time

Conclusion:

1. No flex radio
2. Stack match 40-10m needed
3. full automatization
4. SO2R setup with 2 same Radios

Operator:

- (1) As much as possible 2BISQ real time training – CWT contest, any other contest
- (2) Training with morse runner and DX-log
- (3) Listing to the 2BISQ files



Preparation: Hardware Experience from WPX SSB and WWDX CW 2023

- 3 Stack match 4 ports for 20-10m (SJ2W boards)
- 1 Stack match 3 ports for 40m (SJ2W boards)
- 4 microHAM Stack Max controllers (tnx OM2VL, OE8SKQ, DF3CB)
- microHAM MK2R+
- 2 microHAM Station Master
- 2nd Radio FTDX-10 (tnx E76C)
- 300m control cable
- 2 x OM power BPF
- PTT box 2 radio 6 outputs
- RA6LBS RX box 2 to 8
- Own laptop, keyboard and headphones
- Many 7/16 to N adapters (tnx S53MM)
- Many custom-made cables

Preparation: Operator

- ✓ I was operating many CWT – mostly remote, using 2 keyboards (2 PC)
- ✓ Unfortunately, I couldn't find much love with DX-log morse runner (subject to change)
- ✓ 2BISQ rates in CWT were max about 230 QSO/h = way to little for real practice
- ✓ Way to late sometimes in September I started to listen to audio files form N6MJ
- ✓ First time listening to the „Big Hour“ I was scared; but spent hours listening to those files everywhere I had opportunity
- ✓ Later on, I started to log QSOs in DX log
- ✓ After some days I realized that my typing speed will be the limiting factor, rather than coping with callsigns



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D4C- CQ WW DX SSB

Broken @ D4C

- 15m tower with Stack to USA / AF
- 160m Antenna
- 4SQ 80m
- Solid state PA for 160/80/20/15/10
- 3 OM power PA
- 20m Antenna to south america
- generator

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Packing, luggage and flights

Luggage

- 3 times repacking and careful selection: approx. 75kg total equipment weight
- 2 bags +- 25 kg plus hand luggage 25kg
- Was very lucky to get everything on planes without having much issues
- Hand luggage was way too heavy → next time I book a third check-in bag

Route

- Vienna (VIE) > Lisbon (LIS) > Sao Vicente (VXE)
- Stop over in LIS: Overnight in “Melia Hotel” (airport hotel)
- Flight to D4 in total about 26 hours
- Flight back to OE in total about 37 hours
- Arrived to VXE 10 days before contest





About Monte Verde and D4C QTH

- 45 min away from VXE Airport
- Approx. 700m ASL high
- D4C house: about 100m² with 5 rooms and bathroom
- Main room is shack for M/M, kitchen and one sleeping room on ceiling
- D44FF Mark (EA8FF) lives on QTH
- House does have 16A 3 Phase 230V electricity
- 40KW generator is usually used in Multi Op contests

Antennas

- 160m inv L – needs too be retuned for CW
- 80m 4 SQ – not working
- 40m 3L USA _ 3/3L EU _ 2,5L SA wire inv v beams
- 20m 4/4L USA _ 4/4L EU _ 4L AF _ 4L SA – broken
- 15m 4L USA _ 4/4L EU _ 4L AF _ 4L SA
- 10m 5/5L USA _ 5/5/5L EU _ 5L AF _ 5L SA

Not installed RX antennas:

- Beverage to EU 250m
- Beverage to NA 200m

Both beverage were installed about 300m away from TX antenna



Equipment

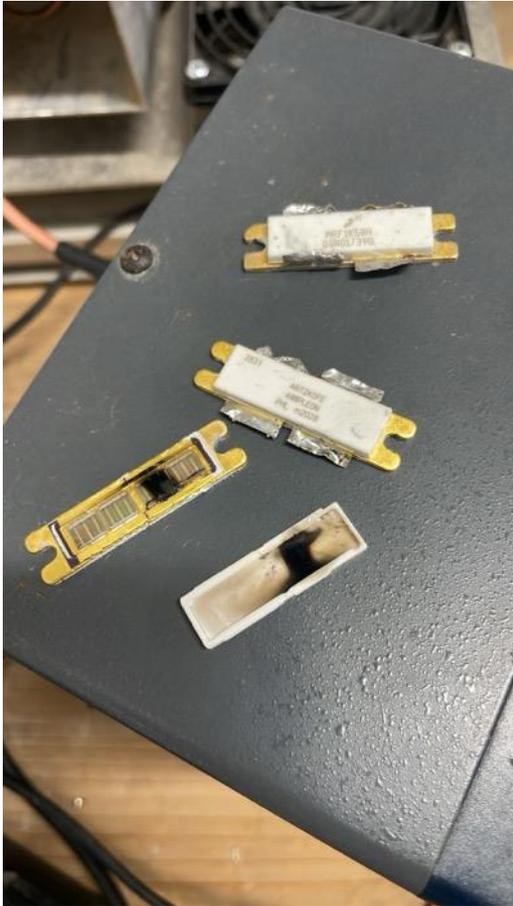


- 2 x FTDX-10
- microHAM MK2+
- 2 microHam Station Master
- 4 microham Station Master Stack Max
- 2 OM power LP BPF
- 6 Single Band LP BPF
- 2 to 6 PTT Box for amps and Stack Max
- 4O3A Antenna genius – repair needed
- 2 to 8 RA6LBS RX box
- 4 + 2 single band SS PA
- DX-log, 1 PC, 1 Keyboard
- Sony MH-1000MX3 headphones

Antenna repairs and installation

- Replacement of antenna switches with stack match
- 80m 4SQ box repair and 4 SQ tuning
- 20m yagi repair
- 6m NA stack repair
- 1GHZ antenna for ship tracking installed
- 160m inv L tuning
- Install of 2 beverages
- Replaced different bad connectors on 15m and 40m antennas





Equipment repair and build

- SS PA different bands were repaired
- Some new SSA modules were tested and built (2m, 6m, HF)
- Repaired one of 3 OM power PA
- Other 2 – broken tubes and broken transformer - no spare parts
- Reviewed new switching system (not yet installed)
- Some work were made together with Mark D44FF

D4DX activity before WW DX

- Everyday QRV for several hours
- Always QRV on 2 bands 2BISQ
- No split
- Fine tuning of the station
- Fine tuning of logger
- 6 single bands amps were installed and tested – 1500W or less!
- Pile ups outside of contest were insane and very hard to manage
- QRV in CWT and LZ DX contest
- Not serious operation but max. rate in LZ DX contest was 297 QSO/h



Pre contest thoughts



- To manage huge pile ups on 2 bands before contest was not easy and didn't result with rates I expected
- No alternative to 2BISQ
- Finally for LZ DX contest 297 QSO/h were made easily but still not expected rate
- More training during last days before contest made operating a bit more comfortable
- Last open question was if operator would be able to manage 48 h 2BISQ pile ups with rates needed to achieve 10K QSO +

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Sleep, eat, operate

- ✓ I had enough time to repair and get station ready for contesting in way I wanted
- ✓ Station design was optimized with equipment I had
- ✓ Good quality food, enough sleep every day
- ✓ Some walks and exercises on daily basis
- ✓ Thursday before contest = rest day
- ✓ Friday afternoon rest and sleep for 4-5 hours



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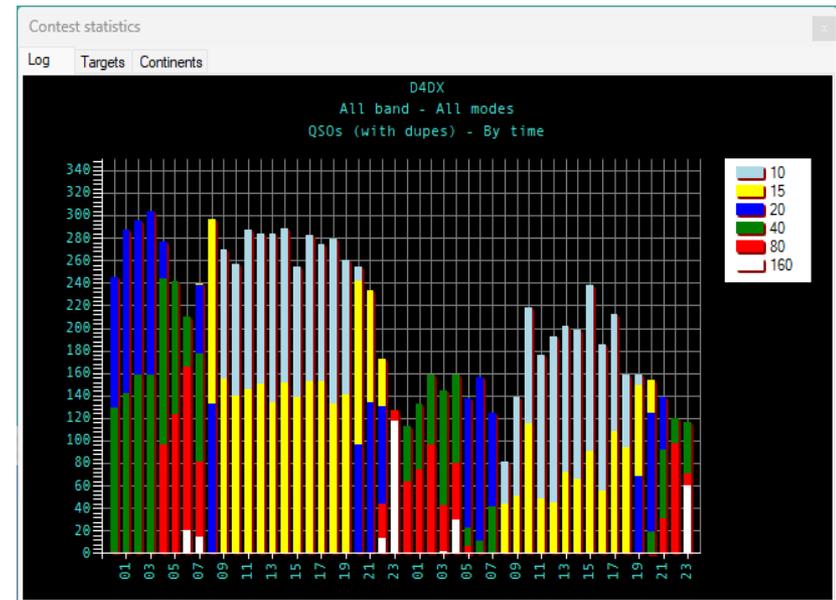


Moments of frustration

- 1 hour before contest started: power outage
- PC – blue screen of death – repair worked
- DX log configuration file damaged
- Power restored 5 min before contest
- Started without proper logger setup about 15-20 min after contest start
- 1 hour of pain and stress with „dark thoughts“
- I have no idea how I was able to manage to jump into contest right after managing the rates over 300 QSOs/h
- No food and drinks beside 2 bananas and 1 Toblerone and one bottle of water on table

Contest

- Started on 40/20m with rates around 300 QSO/h
- 10/15m rates during the day 260-290
- 6203 QSOs with dupes logged in first 24 hours
- 2nd night extremely difficult with lot of noise on low bands
- After 31h first short food brake
- Resulted in stomach pain and diarrhea
- Brake from 07:40-08:27 no sleep
- 15/10 still produced high rates but started to slow down 2 hours before than on Saturday
- 20/40m condx were not good with way too much echo
- Spent last 3 hours with many band changes on low bands which produced many new mults
- On end 10020 QSOs with dupes 9709QSOs
- About 20 passed mult (2nd day only)



Score, rates, operating time

Summary - D4DX						
BAND	QSO	DUP	DXCC	ZONE	POINTS	AVG
160	252	7	53	15	740	2.9
80	904	39	78	24	2694	3.0
40	1507	54	92	31	4501	3.0
20	1623	27	102	34	4847	3.0
15	2841	108	125	35	8486	3.0
10	2582	78	108	32	7717	3.0
TOTAL	9709	313	558	171	28985	3.0
FINAL SCORE: 21 130 065						

- 10022 QSOs with dupes
- 313 Dupes
- 9709 QSOs without dupes
- Best hour 324 QSO/h
- Best 2 hour 606 QSO/h
- Best 10 min 360 QSO/h
- Operating time +- 47 h
- Score before UBN 21,130,065
- About 4,5% above current world record
- UBN 1,4% error rate / -4,0% score reduction
- 40 NIL, 78 Bad, 21 bad exch, 11 unique
- Score after preliminary UBN



20.263.880
New World Record !!!

by Braco, E77DX

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D4DX CQ WW DX CW 2024

```

9707 Raw    QSO before checking (does not include duplicates o
9568 Final  QSO after  checking reductions

28981 Raw   QSO points
27862 Final QSO points

 171 Raw    zones
 171 Final  zones

 558 Raw    countries
 557 Final  countries

 729 Raw    mults
 728 Final  mults

1127149 Raw  score
0283536 Final score
    
```

```

1.4% error rate based on raw and final qso counts
4.0% score reduction
 40 (0.4%) not in log
 78 (0.8%) incorrect calls
 21 (0.2%) incorrect exchanges
  0 (0.0%) missing exchanges
313 (3.1%) duplicates removed
 11 (0.1%) calls unique to this log only (not removed)
    
```

***** Results By Band *****

	Band	QSO	QPts	Zone	Cty	Mult	
Raw	160M	252	740	15	53	68	
Final	160M	249	713	15	53	68	
Raw	80M	904	2694	24	78	102	
Final	80M	886	2538	24	78	102	
Raw	40M	1507	4501	31	92	123	
Final	40M	1476	4246	31	91	122	
Raw	20M	1623	4847	34	102	136	
Final	20M	1600	4664	34	102	136	
Raw	15M	2841	8487	35	125	160	
Final	15M	2804	8184	35	125	160	
Raw	10M	2580	7712	32	108	140	
Final	10M	2553	7517	32	108	140	
Raw	All	9707	28981	171	558	729	21127149
Final	All	9568	27862	171	557	728	20283536

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D4DX CQ WW DX CW 2024

```

9707 Raw    QSO before checking (does not include duplicates or missing exchanges)
9563 Final  QSO after  checking reductions

28981 Raw   QSO points
27835 Final QSO points

  171 Raw   zones
  171 Final zones

  558 Raw   countries
  557 Final countries

  729 Raw   mults
  728 Final mults

21127149 Raw   score
20263880 Final score
    
```

```

1.5% error rate based on raw and final qso counts
4.1% score reduction
40 (0.4%) not in log
80 (0.8%) incorrect calls
24 (0.2%) incorrect exchanges
0 (0.0%) missing exchanges
313 (3.1%) duplicates removed
9 (0.1%) calls unique to this log only (not removed)
    
```

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Final	40M	1475	4243	31	91	122	
Raw	20M	1623	4847	34	102	136	
Final	20M	1599	4661	34	102	136	
Raw	15M	2841	8487	35	125	160	
Final	15M	2801	8163	35	125	160	
Raw	10M	2580	7712	32	108	140	
Final	10M	2553	7517	32	108	140	
Raw	All	9707	28981	171	558	729	21127149
Final	All	9563	27835	171	557	728	20263880

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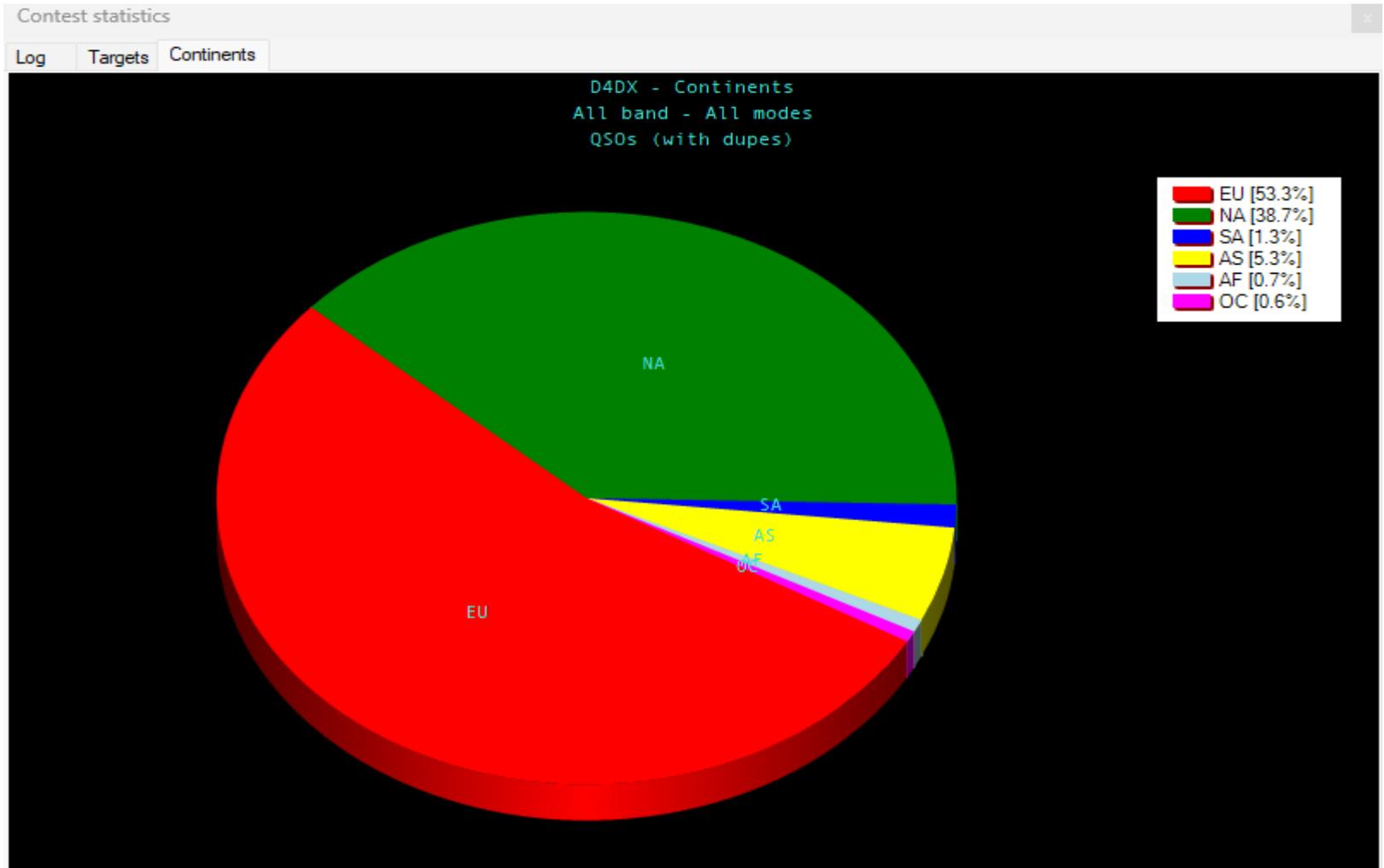
D4DX CQ WW DX CW 2024



After Contest thoughts

- More sleeping time before contest
- Electrical power failure – stress
- Logger problems
- No preparation of enough food and drinks
- Food in break time
- Diarrhea and stomach problems
- Operating tired or taking break
- To big pile ups much faster QRG change
- More 2BISQ practice
- More practice with blind typing
- A bit different station layout
- Different QTH like EA8, CN3 or CT3 could be advantage with less pileups operating 2BISQ and being 2000 km closer to EU (easier to operate on low bands)
- Solar max = big disadvantage on low bands
- Condx were not the best on high bands (Sunday)
- Way to less QSOs on Sunday, but excellent mult result

It was the hardest contest ever and my best performance ever in CQ WW DX CW contest.



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Dismantling and way back home

- Monday station were dismantled
- Stack match boxes dismantled
- Beverages dismantled
- Everything back in place
- More sleep
- Made about 300 QSO+ on SSB
- Total QSO count D4DX nov 2024 around 19K QSOs
- Tuesday afternoon left from D4 to CT
- Night in Lisbon
- Wednesday around 20:00 local time finally arrived back home to Vienna

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D4DX CQ WW DX CW 2024

Thanks to

- **Monte Verde Contest Team** for letting me using their wonderful station and equipment
- Special mention to **Luca IK2NCJ** and **Max IZ4DPV**
- **Marc D44FF** for cooking
- **Filipe NP4Z** for pushing me towards WR
- **Zoran E76C, Stefan OE8SKQ, Bernd DF3CB, Laci OM2VL, Matija S53MM** for borrowing some equipment
- **Everyone who called** and had patience in pile ups
- **N6MJ** for audio files from his previous contests
- My wife **Julia** supporting me and being very patient



WPX SSB 2025

- There was no plan for WPX SSB 2025
- My first SOAB WPX SSB back in 2023 was a WW win, but missed World Record made by CN2R (W7EJ)
- **Luca IK2NCJ** told me just after I landed from V73WW, that station is free, and I could use it
- Unfortunately, some of antennas and equipment were broken and needs to be repaired
- On short term decided to travel, but needed some extra help to be sure I can get on time the station ready for contest
- Invited **Florian OE3FTA** to travel with me and help me with works
- Final decision to travel was made just a couple days before contest, since Flo was not sure if he can manage desired time slot

CN2R	CN	2013	SINGLE-OP HIGH ALL	30,683,396	5,885	1,433	35.8	W7EJ
D4Z	D4	2023	SINGLE-OP HIGH ALL	29,854,668	6,151	1,429	35.9	E77DX
PJ4K	PJ4	2024	SINGLE-OP HIGH ALL	29,119,090	6,253	1,430	35.9	N6KT
PJ4K	PJ4	2023	SINGLE-OP HIGH ALL	27,568,088	6,578	1,273	35.9	N6KT
PJ4K	PJ4	2022	SINGLE-OP HIGH ALL	27,353,511	6,284	1,227	35.9	N6KT
8P5A	8P	2016	SINGLE-OP HIGH ALL	27,306,666	6,322	1,422	36.0	W2SC
CN2R	CN	2012	SINGLE-OP HIGH ALL	27,280,992	5,465	1,424	35.8	W7EJ
8P5A	8P	2013	SINGLE-OP HIGH ALL	27,171,006	6,534	1,429	36.0	W2SC
CN2R	CN	2010	SINGLE-OP HIGH ALL	27,059,084	5,119	1,373	35.8	W7EJ
D4B	D4	2005	SINGLE-OP HIGH ALL	26,871,482	6,245	1,271	36.0	4L5A

(No)Preparation

- There was no time for much preparation
- Decided to take same setup like for CQ WW DX CW 2024
- Contest plan E77DX Operating time 36 hours with priority, OE3FTA Operating time 12h
- Good news, beside FTDX-10, there was FTDX-101 on site and no need to take 2nd radio with
- According to **Max IZ4DPV**, who was there for ARRL DX SSB several antennas were broken (high SWR)
- Needed to take climbing equipment
- We decided to take as well QO-100 setup since in our luggage left some space
- In total 4 bags with 23kg + 2 hand luggage (very heavy)
- Left from Vienna Sunday afternoon
- Night in Lisbon
- Monday around 12:00 local time arrived at Sao Vincente



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D4DX WPX SSB 2025

Works and WX @ D4C



- 10m Stack to US
- 15m Stack to EU
- 20m Antenna to SA
- 80m SQ
- Repair 2 amps
- Installing QO-100
- Since beginning of Feb QTH was +- permanently in clouds
- Very cold - unusual
- Windy – usual
- Setup the station for contest
- RX antennas for 80m 2 Beverages (EU+NA about 200m long)
- Generator still broken - on repair

Station setup

- FTDX-101D + FTDX-10
- MicroHAM MK2R+ (2 foot switch)
- MicroHAM Station Master x 2
- PTT BOX – home made
- 2 x 8 Antenna Switch – 4O3A
- OM Power 200W BPF + 5 single band dunestar BPF
- MicroHAM Stackmax controller 40-10m
- 40-10m Stackmatch for 4 antennas
- 5 Single Band solid state AMPs 80-10m
- Radio Sport RC-6 Headset
- DX log for logging – one keyboard



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D4DX WPX SSB 2025

How windy it is?



by Braco, E77DX

How windy it is?

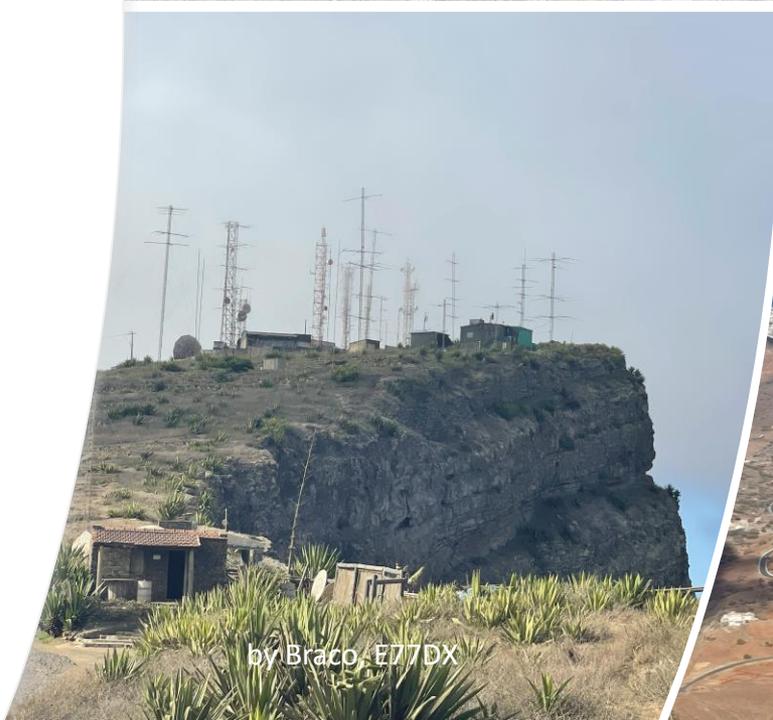


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- Works @ D4C are always challenging and more difficult than expected
- It is very hard to explain people how different WX and working condition are up on Monte Verde than being in Mindelo down on the seaside
- Africa is sometimes not Africa and being on island close to Equator sometimes very different than expected



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D4DX WPX SSB
2025*



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D4DX WPX SSB 2025

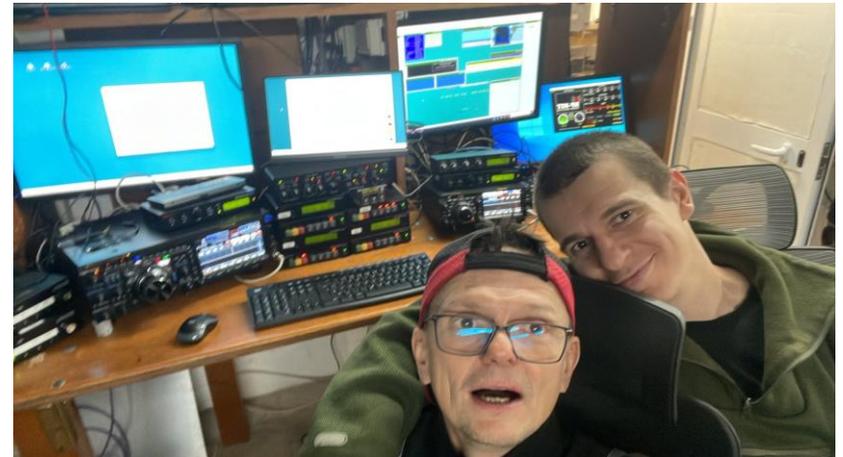


QO-100 @ D4C

- Small portable dish
- Yaesu FT-857D
- DX Patroll stuff
- Thanks to Mike OE3MZC for borrowing us QO-100 Setup
- About 600 QSO in total
- 150 CW QSOs
- No digi modes

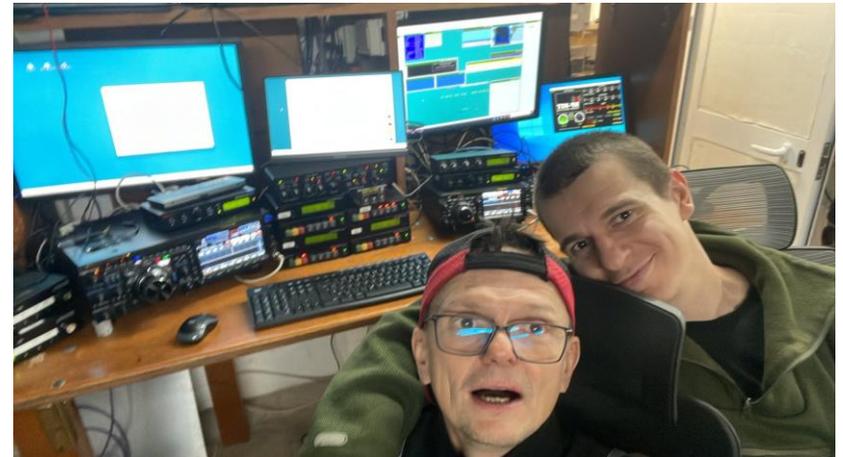
Contest preparation

- Till Thursday
- we could repair all antennas
- We could repair all amps
- We could install all needed equipment
- We could setup SO2R station and test it
- I could recall my operation plan from 2023 and adopt it to current propagation
- We confirmed +- our operating times
- Thursday afternoon and Friday were rest days with a bit of operating
- Decided I will be using D4DX callsign and Florian D44FF, 2 different prefixes

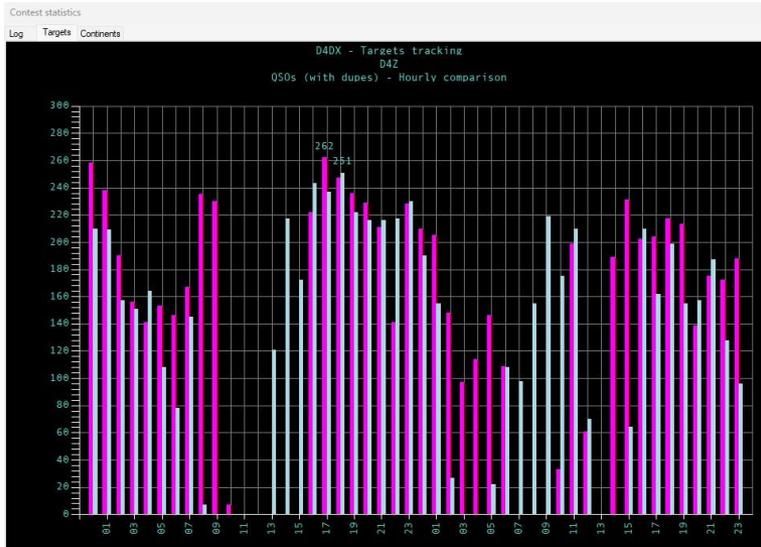


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Contest



- Everything went according plan
- No technical problems, no audio issues
- Goal was to maximize low band QSOs as much possible
- 18 hours with rate over 200 QSO/h
- After first break:
 - more than 3 mil points more than in 2023
 - About 450 QSOs more than in 2023
- On end
 - 600 QSOs more than 2023
 - 5,1 mil points more than 2023
 - Average points 0,4 points less than 2023
 - 84 Mults more than in 2023
 - Best hour 267 QSO/h – best rate ever from Africa
 - Low band QSOS
 - 40m QSOs = 1001. 80m QSOs = 248less than expected
 - but still not bad for max of sun activity
- Claimed new World Record with about 37 mil points, about 23% more than CN2R

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2026
D4DX WPX
SSB 2025*

D4DX claimed Score – WPX SSB 2025 - SOABHP

Summary - D4DX					
BAND	QSO	DUP	PFX	POINTS	AVG
160	0	0	0	0	0.0
80	248	4	64	1476	6.0
40	1001	3	284	5972	6.0
20	1570	17	495	4688	3.0
15	1338	8	257	3992	3.0
10	2704	56	425	8066	3.0
TOTAL	6861	88	1525	24194	3.5
FINAL SCORE: 36 895 850					

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***** Summary *****

6860 Raw QSO before checking (does not include duplicates or missing exchanges)
6688 Final QSO after checking reductions

24194 Raw QSO points
23078 Final QSO points

1525 Raw mults
1508 Final mults

36895850 Raw score
34801624 Final score

2.5% error rate based on raw and final qso counts
5.7% score reduction
6 (0.1%) not in log
71 (1.0%) incorrect calls
95 (1.4%) incorrect exchanges
0 (0.0%) missing exchanges
88 (1.3%) duplicates removed
47 (0.7%) calls unique to this log only (not removed)

***** Results By Band *****

	Band	QSO	QPts	Mult	
Raw	160M	0	0	0	
Final	160M	0	0	0	
Raw	80M	248	1476	64	
Final	80M	240	1416	62	
Raw	40M	1000	5972	284	
Final	40M	974	5756	271	
Raw	20M	1570	4688	494	
Final	20M	1542	4520	500	
Raw	15M	1338	3992	257	
Final	15M	1310	3836	254	
Raw	10M	2704	8066	426	
Final	10M	2622	7550	421	
Raw	All	6860	24194	1525	36895850
Final	All	6688	23078	1508	34801624

BCC H3K 2026
D4DX WPX SSB
2025

CQ WPX SSB SOABHP 2025 Top scores

#	Call	QTH	Year	Category	Score	QSOs	WPX	160M	80M	40M	20M	15M	10M	Hours	Cert
1	D4DX	D4	2025	SINGLE-OP HIGH ALL	34,801,624	6,688	1,508		240	974	1,542	1,310	2,622	35.8	🏆
2	HC8M	HC8	2025	SINGLE-OP HIGH ALL	25,371,888	5,577	1,416		89	712	944	1,255	2,577	35.9	🏆
3	8P5A	8P	2025	SINGLE-OP HIGH ALL	23,679,546	6,112	1,438		70	599	1,146	1,506	2,791	35.9	🏆
4	HK1T	HK	2025	SINGLE-OP HIGH ALL	21,181,578	5,214	1,318			380	1,394	1,250	2,190	35.6	🏆
5	UN9L	UN	2025	SINGLE-OP HIGH ALL	18,171,771	4,103	1,311		290	665	978	1,224	946	35.9	🏆
6	V26K	V2	2025	SINGLE-OP HIGH ALL	18,084,582	4,904	1,314		137	497	735	1,265	2,270	36.0	🏆
7	WP3C	KP4	2025	SINGLE-OP HIGH ALL	17,451,575	4,678	1,325		86	640	916	918	2,118	34.9	🏆
8	PT5J	PY	2025	SINGLE-OP HIGH 10M	17,390,160	4,328	1,455						4,328	35.9	🏆
9	CT3KN	CT3	2025	SINGLE-OP HIGH ALL (T)	16,314,204	4,196	1,318				1,286	1,011	1,899	33.1	🏆
10	PJ2T	PJ2	2025	SINGLE-OP HIGH ALL (Y)	16,260,337	3,950	1,217	2	2	729	436	1,174	1,607	36.0	🏆

BCC H3K 2026
D4DX WPX SSB
2025

CQ WPX SSB SOABHP

All time scores

#	Call	QTH	Year	Category	Score	QSOs	WPX	Hours	Operator(s)	Cert
1	D4DX	D4	2025	SINGLE-OP HIGH ALL	34,801,624	6,688	1,508	35.8	E77DX	
2	CN2R	CN	2013	SINGLE-OP HIGH ALL	30,683,396	5,885	1,433	35.8	W7EJ	
3	D4Z	D4	2023	SINGLE-OP HIGH ALL	29,854,668	6,151	1,429	35.9	E77DX	
4	PJ4K	PJ4	2024	SINGLE-OP HIGH ALL	29,119,090	6,253	1,430	35.9	N6KT	
5	PJ4K	PJ4	2023	SINGLE-OP HIGH ALL	27,568,088	6,578	1,273	35.9	N6KT	
6	PJ4K	PJ4	2022	SINGLE-OP HIGH ALL	27,353,511	6,284	1,227	35.9	N6KT	
7	8P5A	8P	2016	SINGLE-OP HIGH ALL	27,306,666	6,322	1,422	36.0	W2SC	
8	CN2R	CN	2012	SINGLE-OP HIGH ALL	27,280,992	5,465	1,424	35.8	W7EJ	
9	8P5A	8P	2013	SINGLE-OP HIGH ALL	27,171,006	6,534	1,429	36.0	W2SC	
10	CN2R	CN	2010	SINGLE-OP HIGH ALL	27,059,084	5,119	1,373	35.8	W7EJ	

Behind the scene

- D44FF (OE3FTA) SOABHP 12h
- 2160 QSOs (204/756/1199)
- Only 20/15/10m
- 863 PFX
- 5,308,313 points

- During contest big flooding in E7
- A bit less than 2014 when we had over 1m water in shack
- E70T operating WPX SSB from E7DX, stuck during the contest on station and couldn't leave
- On right picture of security camera on E7DX



BCC H3K 2026

D4DX WPX SSB 2025



Thanks to

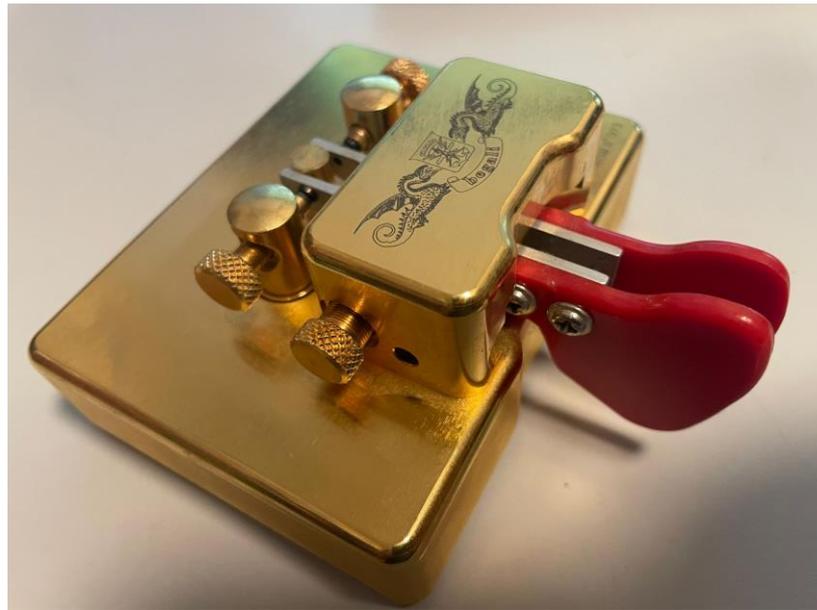
- D4C Team, for letting me using the station once again
- Special thanks to Mark D44FF, for on site support and taking care about food for 2 hungry boys as expected, we ate about 4 kg Tuna steaks during our stay ion Monte Verde
- Flo OE3FTA, flying with me and helping with repairs
- My wife Julia for supporting me and having a so much patience
- After all, before I left to D4 for WPX SSB contest I was 5 weeks away from home V73WW, KH6J and E7DX
- Thanks for QSOs and CU in next one

Time to fly home but...

BCC H3K 2026

D4DX WPX SSB 2025

What's next ?!



Idea and (no)preparation – WPX CW 2025

- Getting 2nd World Record in WPX SSB from D4C
appetite was growing and I was thinking about another one.
- WPX CW was never my favorite contest, but I got another chance to operate D4C and it was not possible to say no
- Unfortunately, no matter how much I was wishing to fly again there, it was very difficult to make everything possible. Work and other duties made it very hard.
- compared to CQ WW DX I had zero time for 2BISQ training, but somehow, I was pretty sure CR3DX (OM3GI) would be not the big issue if there is no problems. Set my goal to 27 mil points, what should be enough to stay over current WR after UBN
- My priority in preparation was to change the setup and make it more simple, effective and lighter
- I was also thinking much forward, maybe there will be a chance as well for CQ WW DX SSB ...
- Also, it was obvious, I will need to fly alone
- Another “problem” was that Mark D44FF who lives there will be out of country and I will be alone on Monte Verde during my stay
- Run with time and my business duties began
- Parallel I started to prepare new setup
- Even very tide, everything looked very promising





Surprise surprise

+ - One week before i went to D4 i realized that **Chris KL9A** is heading to **CQ9A** for WPX CW and i knew it my chances to win against him on CT3 in WPX CW are very small or better to say only possible if something goes wrong on his side. But anyway i decided to take the challenge and see what can be done anyway.

On the way to D4 again

- Everything was packed into 2 bags 23kg + 1 hand luggage with a bit more than it should be ...
- Unfortunately, It was obvious I will need to finish my business duties on Monday morning
- I booked my flight on Monday afternoon and that was kind of run, but it worked out somehow
- Flight over Lisabon, once again booked very late was very expensive, as well Hotels on airport, but that was + only and best possibility like always
- I arrived on Monte Verde around 16:00 Tuesday afternoon with 3 hours delay

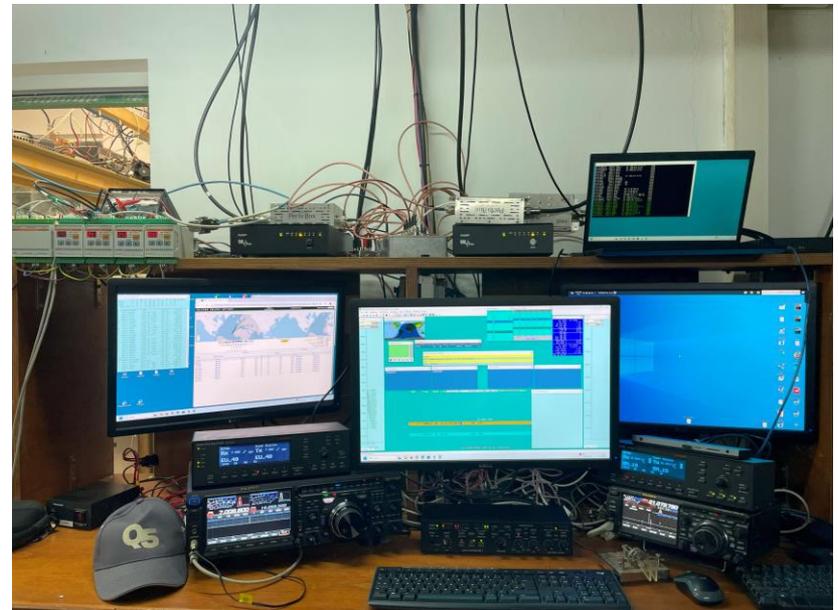
Contest preparation

- Installation of 300Hz Roofing filter in FTDX-101D
- Setting up SO2R setup with new hardware
- Installing 40-10m stack match to stacks
- No beverages this time
- 2 BISQ Training as much as possible in that short period of time
- Having no Mark, D44FF on site made many things much more difficult than expected
- Shopping food
- Lost 3 hours looking for fresh tuna
bad WX and not many fisherman went fishing, fish market was empty



D4DX SO2R Setup

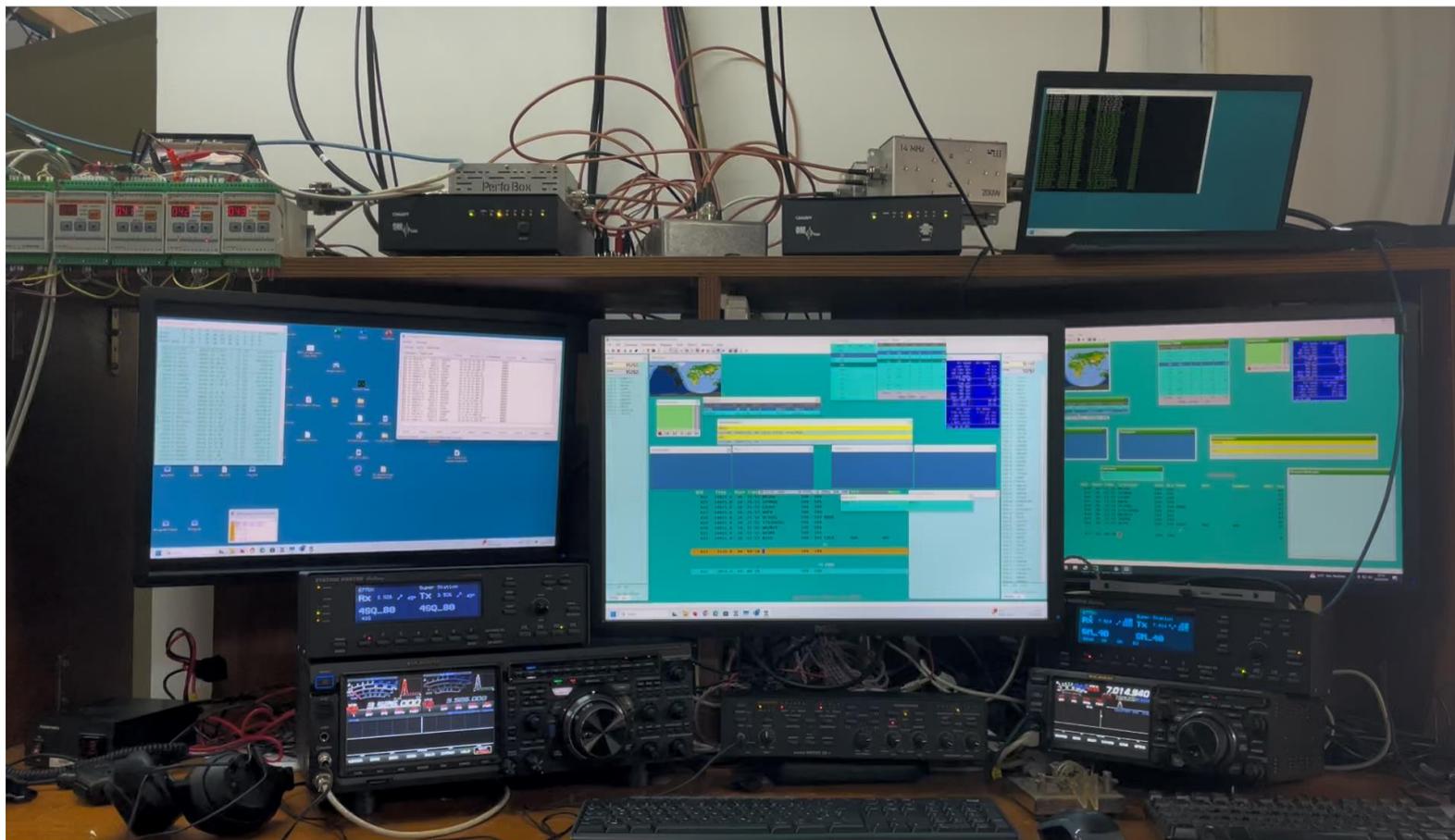
- FTDX-101D + FTDX-10
- microHAM MK2R+ SO2R Box
- Station Master deluxe x 2
integrated switching for Stackmatch,
4SQ etc
- OM power BPF + Dunestar BPF
- 40-10m Stack Match box 4 Antennas
- 6 x 2 Antenna Switch
- PTT Box 2 to 6
- Sony WH-1000MX3 Headphones



BCC H3K 2026

D4DX WPX CW 2025

D4DX Setup WPX CW 2025



by Braco, E77DX

55

BCC H3K 2026

D4DX WPX CW 2025



Murphy & Co

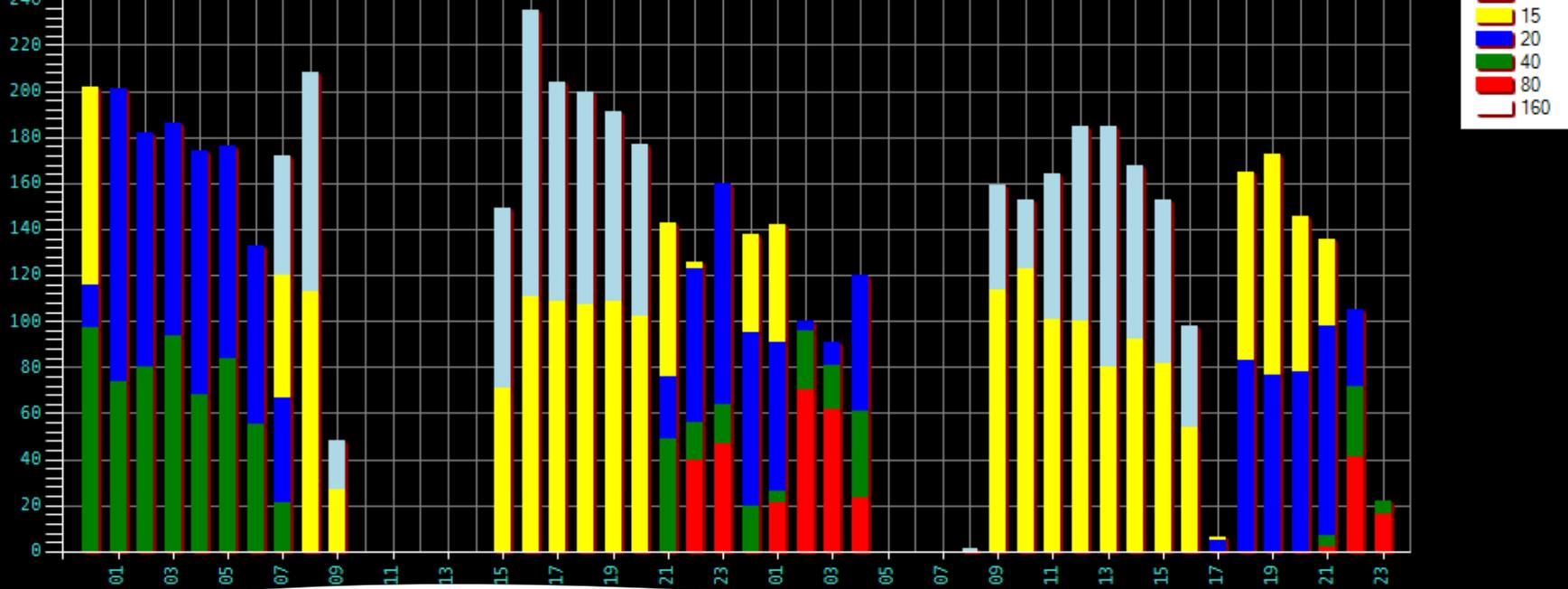
- Unfortunately found some problems with antennas
- 40m yagis had higher SWR than I should be
- Couldn't find the problem, it was working no attempt to repair
- 10m Stack to had also higher SWR
- After reviewing the problem (needed to climb on tower)
- Middle antenna in 3 x 5 el. stack was showing infinite SWR
- attempt to repair failed
- Since WX was bad, I was alone etc. decided not make another repair attempt and to use it like it is.

- Thursday evening had some small stomach issues

Contest

- It was my first WPX CW from DX side
- I was competing against KL9A from CQ9A
- I knew it my chances to win were very little.
- CT3 is much closer to EU, big advantage on low bands
- Also being in max. of sun activity was not helping being on D4
- Chris KL9A is one of the best 2BISQ OPs WW
- My only hope was, he would make a strategic failure or had some technical problems what I could use to win
- This time I had no target file in logger, but my goal was to achieve 27 mil Points
- Condx were not the best (flare) and 40 and 20m I couldn't keep up with Chris
- Frustrating was first night where I lost 350 QSO compared to CQ9A (Chris was hitting each hour +-35 QSOs more)
- I had doubts about my 2BISQ skills and was afraid it will finish as disaster. Having way less score than CQ9A
- Saturday afternoon I hit my best hour 237 QSOs/h on and I was physically back into game
- 2nd night was very slow, and I decided to take break
- I was aware about low band and double points, but since I was tracking QSOs points I decided to go for more QSOs on high bands which would produce probably higher number of mults
- Sunday afternoon I started up catch up with CQ9A and finished like 10% behind Chris

Summary - D4DX					
BAND	QSO	DUP	PFX	POINTS	AVG
160	0	0	0	0	0.0
80	311	11	21	1846	5.9
40	782	23	370	4664	6.0
20	1382	50	355	4132	3.0
15	2033	50	384	6087	3.0
10	1210	25	212	3602	3.0
TOTAL	5718	159	1342	20331	3.6
FINAL SCORE: 27 284 202					



Result and post contest thoughts

BCC H3K 2026
D4DX WPX
CW 2025

- It was pity to finish 2nd
- Claimed score was 20% above old WR – great, but not enough
- Best Rate 237 QSO/h is still 8th best rate WW made ever in WPX CW
- WPX CW became more interesting contest for me
- Congratulation to Chris KL9A on his result and excellent UBN Hat off!
- I really enjoyed being on live score and watching it

BCC H3K 2026

D4DX WPX CW 2025

- **Summary of WPX Contest 2025**
- WPX SSB 1st WW and New World Record
- WPX CW 2nd WW

won 4 plaques

- WPX SSB – WW winner
- WPX CW – AF winner
- Combined CW/SSB – WW winner
- Combined PFX CW/SSB – WW winner

SINGLE OPERATOR HIGH POWER All Band

CQ9A (KL9A)	29,819,886
D4DX (E77DX)	24,590,280
8P5A (W2SC)	19,029,978
9K2HN (S53R)	16,682,274
ND3T (LZ5DB @K1LZ)	16,279,842
CR6K (CT1ILT)	15,759,570



What's next ?!



by Braco, E77DX

Project World Records

EF8R
CQ WW DX SSB... 😊



Project World Records

5J1DX

CQ WW DX CW 2025

Zone 9

Station not ready for
2BISQ



Project World Records

What's next ?

CQ WW DX & WPX CW...
again 😊

Thank you and hope to work you soon in any contest!

Any questions?

BCC H3K, January 2026
by Braco, E77DX