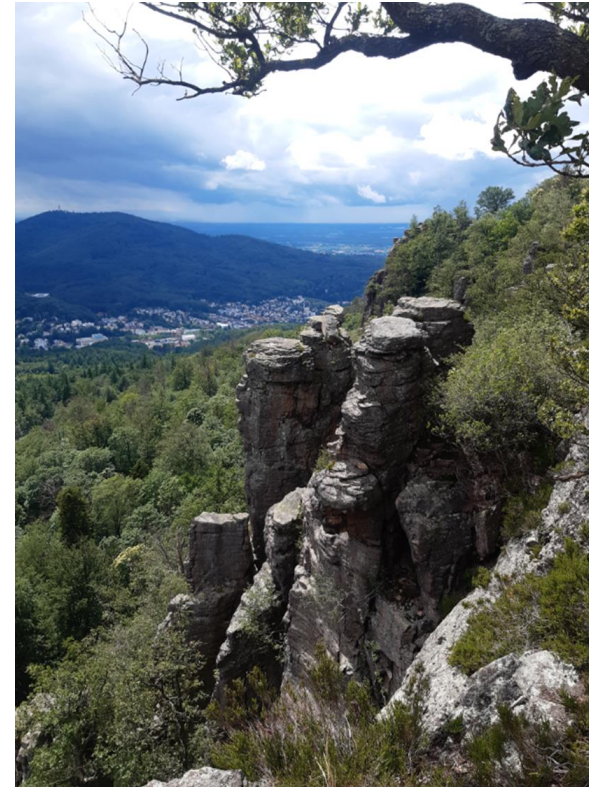




One Year SOTA – Lessons Learned

Ingo DH5ST, EI2KF

25.06.2022



First Attempt to Activate



Setup: FT817, MP-1 antenna, battery 4,5Ah

Issues:

- No alerts/spots set
- Sunday afternoon problem
- Post your activations!
- Use different activations at the same time (SOTA, GMA, WFF, COTA,...). Upload your logs to all programs!
- Serve your chasers! Work all chasers!
- Use CW



Weight Optimising Journey



Setup1	Weight (kg)	Setup2	Weight (kg)	Setup3	Weight (kg)	Setup4	Weight (kg)
IC706	3,3	FT-817	1,4	QCX mini 40, 30, 20m	0,7	QCX mini 30m	0,3
Bat. 12AH	3,5	Bat. 4,5 Ah	1,4	Bat. 1,5 Ah	0,55	Bat. 1,5 Ah	0,55
Key/ Headset	0,2	Key/ Headset	0,2	Key/ Headset	0,2	Key/ Headset	0,2
MP-1 Ant. + 10 m Kabel	1,7	HF-P1 + 10 m cable + Tripod	1,7	HF-P1 + 10 m cable + Tripod	1,7	EFHW Fuchs-Ant. + 6m mast	1,4
Tripod	3	Antenna Analyser	0,3	Antenna analyser	0,3	Antenna analyser	0,3
Log	0,2	Log	0,2	Log	0,2	Log	0,2
	Approx.. 12kg		Approx. 5,2 kg		3,65 kg		2,95 kg



Antenna is the best Amplifier



Endfed Half Wave Antenna (Fuchs-Antenna)

- No need for a counterpoise?
- Fighting with the bushes (partially 1m high)



Antenna is the best Amplifier



Moving to vertical antennas

- Extended radiator from 1m to 5m
- Radials: elevated vs. grounded radials
- Fixing the antenna to the ground (pegs)
- Some problems to tune the antenna in dense forrests (no ATU)
- Freezing coils

Next step: back to wire and ATU?



Have a Plan B for (almost) Anything



- Satnav – dedicated device, phone
- Logging – Paper, electronic log, banknote
- Batteries, power bank...
- Emergency calls – sat-communicator, phone
- Tools - to help for parts for which you do not have a plan B

- **Never take out any parts from your setup!**



The Shack in the Wild .. is still .. Wild!



Ticks

- Avoid sitting for a long period in grass – use a small (fishing) chair
- Do not leave your jacket etc. in grass
- Have something to get rid of ticks
- Activate critical peaks in winter

Weather

- Have the right clothes – do not show skin
- A big umbrella might help to protect your equipment
- Avoid thunder and lightning – get down from the peaks



Be Active Part of a SOTA-Community



SOTA – reflector – source of inspiration and community life

Be part of a local SOTA community, ,e.g. SOTA BW

SOTA is highly addicting!

SOTAwatch3 21 Jun 2022 15:29 UTC 17:29 local

SPOTS ALERTS

Showing latest 50 spots. Settings Add Spot

15:16	M0TRI/P on G/NP-001 🔗	145.500 fm
15:13	SV2RUJ/P (Stavros) spotted on 14.284 ssb at 15:07	14.280 ssb
15:10	SV/MC-054 (Piperitsa, 1992m, 8 pts)	14.245 ssb
15:09	Comments: last call [SOTA Spotter] (Posted by SV4SWQ)	14.252 ssb
15:07	SV2RUJ/P on SV/MC-054 🔗	14.284 ssb
15:07	N6OQ on W6/SC-212 🔗	14.22 ssb
15:04	SV2RUJ/P on SV/MC-054 [+] 🔗	14.284 ssb
14:57	M0TRI/P on G/NP-001 🔗	145.55 fm

Reflector Latest

- GPS device - advice and hel**
by GW4BML, #99 by G4OBK, 15 mins ago
- Where have all the telescop**
by MM0FMF, #40 by G3CWI, 37 mins ago
- Portable paddles (Part 2)**
by SYSTEM, #3 by G4TGJ, 58 mins ago
- HAM RADIO 2022 at Friedri**
by DD5LP, #45 by DD5LP, 3 hours ago

[Home](#) [Termine](#) [SOTA](#) [DLFF/WWFF/GMA](#) [Kontakt](#) [Über SOTA BW](#) [Mitglieder](#) [Condx](#) [DL20SOTA](#)

Willkommen bei SOTA-BW!



Just give it a go!

- Do not wait until your equipment is optimised! It never will be
- Start your journey now!...

- Thank you for your attention!

- Any Questions?

