



QRP Вестник

(Reporter)

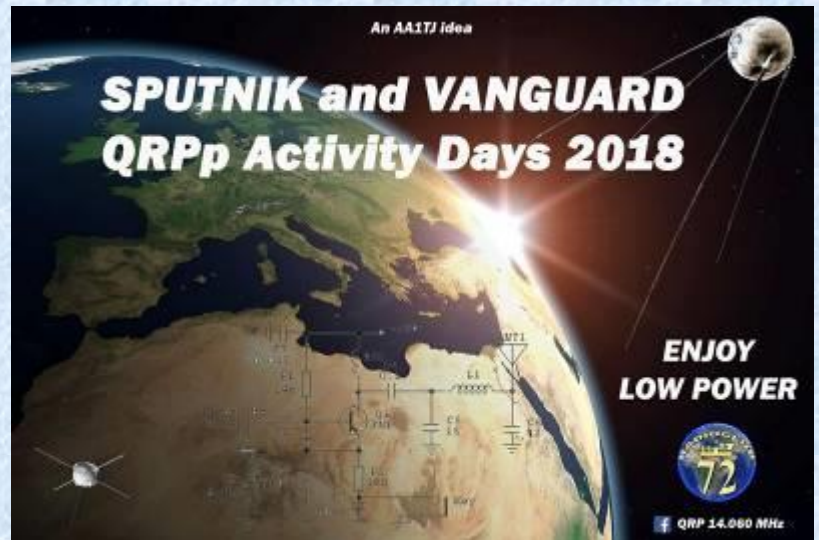
№ 14

October 2018

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“Sputnik” QRPp Activity Days Results

During 2 weeks 10 “Sputnik” and 14 “Vanguard” stations was active. Also 7 SWL operators listened “Sputnik” and “Vanguard” stations. In total logged 83 QSOs including 3 QSOs between “Sputnik” and “Vanguard”. Also 13 SWLs in the total log. All participants get special memorable certificates of Honor Cosmonauts and Astronauts.



Over all years Cosmonauts Team: AA1TJ, DL3PB, DL4KE, I5SKK, OH5LP, OK1DXK, OM6TC, ON6WJ, PA0PJE, PA3CNO, R1CAF/swl, RV3GM, SV8CYR, UA1CEX, UA3UAD, UA9MLY, UB8SBV, UR5EFD/swl, US5ERQ/swl, US5EVD, UW5EHX
Astronauts Team: AA1TJ, DL3PB, G3UD, G4UDG, OK1DPX, ON6KZ, ON6WJ, PA3CNO, R1LB, R2AJA, R2DNN, RA7RA, RU3NJC, RW3DF, RX3G, UA1CEG, UA3UAD, UI7K, YU2TT, YU7AE.

See full results, total logbook and photo gallery on the “Results” page on the Club 72 site.

See you all in the next Sputnik QRPp Activity Days 2019.

QRP Rendez-Vous



В октябре месяце в круглых столах «QRP Rendez-Vous» приняли участие следующие QRP-станции: CS7AFI, DJ2DW, DK1HW, DK7OG, DL6ZB, DL9GOR, EA5EQ, EW1CY, F3MB, F5NXB, F5NZY, F8APH, F8GLE, G0VUF, G1INF, G3JFS, G3UD, G3XJS, G4KIN, G4UDG, G6HUI, HB9DAX, I3DBD, IK2RMZ, IK2WQH, IK3TZB, IT9CHU, IT9IFI, IV3ICH, IZ0YCB, IZ1AWE,

LB6BG, LB8IG, LZ1WF, LZ1XN, OH5LP, OH6NPV, OK2BMA, OM3LQ, ON6KZ, ON6WJ, OZ5AR, PA3CNO, PA3CWG, PA3DQD, R1AR, R1CJ, R1LB, R2AHC, RA1CF, RA1M/mm, RA7RA, RM7F, RU3NJC, RW3DF, RW9SE, RX3G, RY3AAA, S51CN, SM2FIJ, SM6PDS, SQ2DMX, SV2BBK, SV8CYR, UA0SBQ, UA1CEG, UA1CEX, UF6V/UA1CEX, UR0ET, UR3UM, UR5EFD, UR5FA, UR7VT, UR9QW, US3EN, US5ERQ, UY1IF, YO3BL, YU7AE, Z35M



QRP Rendez-Vous

14060

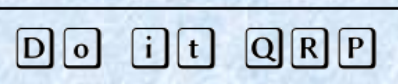
Tuesday, Thursday,
Saturday: 09:00 UTC

“Extreme” and “Ultra” QRP QRP-X (< 100 mW)

Nr	CALL	DXCC	WW Fields	WW Grids	ODX, kms	Remarks
1	UY1IF	31			5035	TX-1 KT315 @ 60 mW, TX-2 74HC240 @ 80 mW, Dipole, LW 41m
2	RX3G	34	12	93	3014	TRX Toucan-20 @ 15...80 mW, GP, LW, 3 el Yagi
3	UA1CEX	15	6	15	4513	<100 mW, G5RV
4	R2DGZ	18	10	36	2887	50 & 85 mW FT-817 + 1:100 & 1:6 att., LW, GP (JT65, PSK)
5	R1LB	1	1	1	970	TX BC108a 80 mW
6	DL6YYM	4		4	1560	TX 50 mW, vertical, LW 26 m
7	R10A	1	1	1	1940	TX KT603 60 mW, GP, Dipole
8	UI7K	4	5	5	1995	1 volt TX 50 mW
9	RW3DF	11	3	13	2498	TX GT308, 80 mW, 3 el Yagi
10	UN7AW	1	1	1	1259	TX KT603 <100 mW
11	RV9WEC	15	2	3	2313	100 mW, FT817 + attenuator, 21 m Fuchs (40/20/15 bands)
12	ON6KZ	10			2024	TX-1 40 mW "Vanguard" Ge pnp 1T308, TX-2 less than 100 mW, Inv V
13	G4UDG	3	2	4	1372	50 mW Ge pnp transistor
14	YU7AE	1	1	1	1	GT320B transistor TX 50 mW, 14060 VXO, Windom
15	RA7RA	2	2	2	2029	Vanguard TX 50 mW, vertical
16	ON6WJ	4	4	4	1998	AF116 Ge pnp Vanguard TX 80 mW, DC RX, 3 el Yagi
17	DL6ZB	2				Xtal TX 2N3904 @ 40 mW, 2x14 m Doublet
18	G3UD					50 mW Ge pnp transistor
19	UR5EFD					TX KT315
20	RU3NJC					TX KT315, 80 mW xtal 7030 kHz
21	YU2TT					TX 1T308b 65 mW VXO 14060 kHz
22	I58KK					TX-1 BC108, TX-2 rod valve 1P24, fishing pole vertical

QRP-U (< 10 mW)

Nr	CALL	DXCC	WW Fields	WW Grids	ODX, kms	Remarks
1	UA1CEX	2	1	2	1550	<10 mW, G5RV
2	RX3G	15	6	20	2726	Toucan-20 @ 1...8 mW, 3 el Yagi
3	DL6YYM	3			1620	TX <10 mW, vertical, LW 26 m
4	R2DGZ					5 mW, LW, GP



End Feed Half Wave Antennas

First of all, starting from SV1ONW's oldest article in SV-QRP and describing SV8CYRV's "most popular antennas" in dx- expedition , I began to gather materials and theories (and from the SV1HAG blog) on this antenna. Finally, I came to the following plan:

The length of wire is 10.40m in a fishing rod, the Amidon T-130-12 torus core and the capacitor at the beginning from a 12-290 pF or 12x 145pF Coordinates comfortably from 20m. But also at 30m.

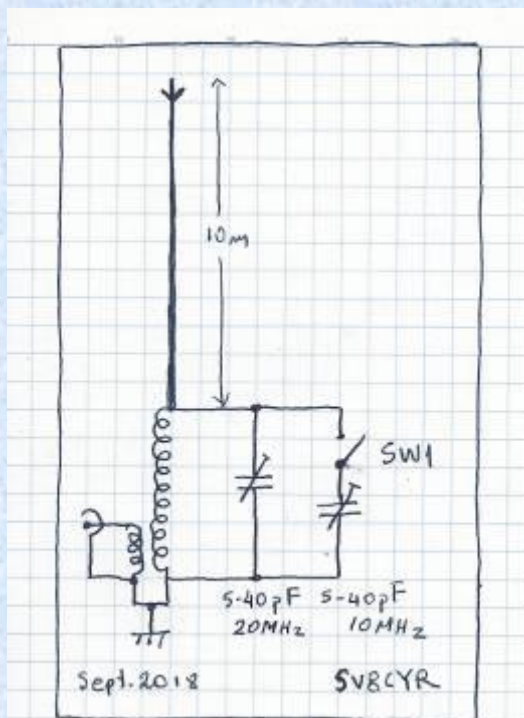
The values of the capacitor are:

for 30m 74pF and

for 20m 34pF

This is the case if one wants to put fixed capacitors and with a switch to choose the band. The inductance is about 3.7µH. the whole coil and the primary at 0.350 µH

I tried a different antenna length as well as capacitances/inductances. The results were not satisfactory because is clearly referred to as "End Feed $\lambda/2$ wire. All other length isn't attribute what the $\lambda/2$.





Perfecting the construction I put a capacitor for the 20m variable by solved devices and with one switch I parallel another same capacitor to increase the capacity and to work satisfactorily (1: 1.5 stationary) in the 30m band.

QSO is well on the tests, currently in Europe and I intend to test this antenna during the third Marathon 19th October to 30th November 2018.

The feature of this antenna is that it does not require grounding or large "radials". Only a "radial" with a maximum length of 0.05% of the wavelength.

So we have antenna in the queue for QRP applications. Caution Power only up to 5W.

72! SV8CYR Alex Karpathiou



The GM30XX Memorial Party

<http://foxhunt.uba.be/>

To promote and encourage the use of Low Power + Home Building all radioamateurs are invited to join us weekly during twice one hour "CW fun".

This Party is an Informal radio event and should be considered as a friendly meeting amongst CW QRP enthusiasts.

Starting: Daily Savings Time (change of the "summer" hour).

From Sunday, November 4th, 2018 till Sunday, March 10th 2019.

Each Sunday from 09:30 till 10:30 UTC

QRG : (to locate where the Flock is hi)

always in a +/- 5 kHz wide "window" upwards, starting at 7030, 10116 and/or 14060kHz (the Int. Calling QRP freqs).

Each Monday from 19:30 till 20:30 UTC

QRG: +/- 5 kHz wide window upwards starting 3560 kHz and/or 7030 kHz.

For the die-harders:

extra Afterparty starting at +/- 20:30 UTC

at our Stammtisch: 1830 kHz or neighborhood.

Rules: There are (practical) NO rules!

We only ask:

To adapt your CW speed to the brave OM, who is willing to listen to ur weak sigs.

In the spirit of George Burt GM3OXX, the use of "1 Watt" Home Build rigs are highly recommended! "H/B" = fully Home Brewed or commercially kits (build by yourself / by ur friend / etc.). However: using 1 Watt output is not mandatory, any powerlevel from (nearly) zero to max. 10 Watt is allowed... giving rule n° 3.

Power:

3A: Stations using max. 1 Watt power do call CQ OXX CQ OXX DE... ur Callsign...

3B: Stations using max. 10 Watt power do call CQ FOX CQ FOX DE... ur Callsign...

these stations will be the "Foxes"...

Any station answering a Foxstation will be from now on an "honourable" Chaser or Hunter.

Hunters do use low Power preferably.

Last commandment: let's have some fun!

Thank You for participating!

72+73, Jos - ON6WJ



Editor Oleg V. Borodin RX3G "Mr. 72"