

RADIO KRONICA by Giovanni – IOKQB *english version*

i0kqb@era.eu



How is it that usually happens ?

You are doing something , perhaps you are transmitting and while you are doing it you ask from yourself how did it begin.....you stop , you thinkyou smile .

Three years ago , while I have been doing a technical research helped by the web , research involving the world of the broadcast transmissions in DRM and DAB , I bumped into the usual automatic links , so loved from the web providers , links that made me very curious , 'cos showed me some modern HF radioamateurs equipments .

When still young I left the " radio activity " that offered ibrid RTX – half vacuum tubes and half transistors – the most modern that there where in that time , obliging us sto operate from home in order to supply the RTXs.

Then, now the curiosity was a lot so , in two or three days time of technical lectures and web researches , I filled up all the 32 years of distance I had from the world of the radio and its proposal.

What a surprise and pleasure to see that pratically all the modern RTXs have the possibility to be supplied from batteries , perhaps big ones but finallybatteries .

My personal idea of radio is at first to have the possibility to operate being in the open air from the top of mountains or on the seashore ergo , portable equipments or almost it.

When I was 17 – the youngest italian radio amateur in 1978 – I began to operate together my Dad (IOAFR , a pioneer of the Roma's radio amateur). We loved to experiment using an almost portable station : Kenwood Trio + homemade dipoles + 220 Vac generator.

We predilected a 1400 meters tall mountain , attainable by car where , due to its highness , we could use even a watt , being sure that someone had answered to us .

All interesting but..... what a stress to prepare everithing for a day on field in that conditions .

After 2 years of it , I decided to put the radio in a corner , 'cos more than the /P operations I wasn't interested at all .

But now there where portable Rtxs and then , driven by new stimulus , I decided to try to get in again in the world's radio.

Then , I bought a marvellous secon hand FT 817 nd by Yaesu and with the help of a mobile multiband antenna , immediatly putted on an old and robust photographic tripod + a 7 Amperes sealed battery (the internal battery is good only for the local VHF/UHF low power 's traffic), I went on a little hill 18 Kms north from Rome downtown and timidly I began to listen and transmit.

....continue

RADIO KRONICA by Giovanni – IOKQB *english version*

iokqb@era.eu



The inexperience given by that first use and the wrong set up I did on the FT 817 , made not clear to me that I have been operating with 2,5 Watts.

Incredibly after 5 attempts , OM5PM from Nitra – Republic of Slovakia - answered to me . Report of 5/9 for him and 6/6 to me .

What a satisfaction !!!

I was on portable and all the weight of the equipments was , more or less , 4 Kilos !

My dream of always..... not to be relegated at home due to the heavy weights + Rtx supply's problems .

From that 1st qso , after 32 years of silence , I operated in /P , /MM , /BM and I technically evolved myself .

Now I have :

1. An 897.
2. An 817 nd + external mike's dsp.
3. Mobile tuner from MFJ .
4. External dsp by BHI Neim 1031.
5. One sealed battery 12V/17 A.
6. One Lithium battery 12 V/30 °.
7. One 10 meters tall telescopic fish pole as an antenna's pole.
8. Multiband simmetric and asimmetric dipoles (try the last one , it's interesting .)
9. Vertical multiband (Rybakov modified) .
10. One 40 meters long Longwire , working perfectly from 7 up to 28 Mhz.
11. A foldable 4 elements quadro 28 Mhz (a madness setted up just one time , but working .)
12. Tactical vertical , resonant and multiband .
13. Folded coaxial monobands dipoles (try them , they are good and cheap)
14. 4 elements quad for 430Mhz.
15. 4 elements Yagi for 144 Mhz (I use it attempting to contact the ISS) .
16. The last borned is a my personal conception of the well known Spiderbeam (you can download the original PDF project from its official website) , that I did using very light materials and that is actually bi band . Obviously , with the help of a mobile tuner the bands will be more than two . It costed me 32 Euro ,it is very light and its box is a simple bag for the fish pole.

All my antennas have coaxial choke balun and , if necessary , 1.4 or 1.9 baluns as well .

All the antennas are stricly made by me , using the formulas describe on a book published by a well known italian electronic's do it yourself magazine.

My motto is : the smallest expenses , the biggest results !

Do not waste your money . All of us can build performance and portable antennas .

RADIO KRONICA by Giovanni – IOKQB *english version*

iOkqb@era.eu

With these antennas I choose time to time the right one according with the place I will be and I can assure you that the enjoyment is a lot , especially if the day is shared with other radiofans.

The pleasure to be on the seaside , to have baths and transmit every now and then being under the sun umbrella is a good one .

Three years ago , I was on the seashore operating with the 817 nd + HF 747 amp. by Cte modified to be used with the HF bands + a really arranged multiband V inverted dipole without any choke balun , and having a power of quite 50 watts I had qso with two OM from Australia and one OM from Tasmania.!!! All the qsos had a report of 5/9+10 !

Not bad for being on portalbe , isn't it ?

With these my words , I'd like to be a sort of motivator to all the person that would like to operate /P but very often don't do it , believing that it'd be too complicated , or perhaps 'cos they are shy to do it or maybe

'cos they are shameful to show theirself on the places where unkown people will surely ask from us what , why and how are we doing in that moment.

Personally I find it entertaining and when I answered to that the curious's questions , in the most cases the persons become deliciously marvelled and start to admire us . Try it to believe !!!

When I'm on Qsy/P , I assure you that in 20 minutes of setting all up I can operate .

Obviously , the /P activity is possible according to the weather conditions , but we are in Italy , where the weather conditions are very often on our help .

Anyway , in case of bad weather , we can transfer all in /M .

**IOKQB/MM from a pedal boat
It worked great!**



Here I end my dissertation inviting you all , if it is a pleasure for you , to get a look to the snaps you'll find on QRZ.COM and also on some video I posted on Youtube , writing on your pc's keyboard IOKQB or giovafra 61 as well .

I hope they will motivate you .

A brotherly embrace to all the Radiamateurs.

Giovanni - IOKQB