

SHORTWAVE BULLETIN

Issue no. 2059, July 21, 2024

Deadline e-mail next issue: 1000 UT, Aug 4, 2024

Time again for yet another SWB

One of our readers, Michael Olbrish, KD5KC, El Paso, Texas, introduced himself in issue 2053 telling us that a trip to Europe was planned this summer.

A week ago I received his travel story. Like many other US radio amateurs he has a special interest in SOTA and POTA.

Summits on the Air (SOTA) is a programme that encourages radio amateurs who enjoy hill walking and the great outdoors to take their radios with them and operate from the mountain tops.

Parks program for amateur radio, also known as *Parks on the Air (POTA)*, including a map and list of entities for the program.

Also in this issue we can share a few interesting verifications as well as information about some new products. Hope you find something of interest here.

Finally, one wish – don't forget to include your name or signature at the end of each log!

Ronny - thanks a lot for compiling the DX-Nostalgia column for each issue.

Keep on

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SWB-info

SWB info:

<https://www.dxinfo.se>

Dateline Bogotá 1993-1998:

<http://www.hard-core-dx.com/swb/Dateline.htm>

SWB latest issue/archive:

<http://www.hard-core-dx.com/swb/archive.htm>

QSL, comments, etc.

Andreas Ibold via A-DX Fernempfang: QSL: Puerto Ayora Radio - HCY. Nach einer Erinnerungsmail gab es die langersehnte Bestätigung der Galapagos Inseln im Utility Bereich. EDXC Land # 212 im Utility. Die Freude ist wirklich groß!



Puerto Ayora Radio - HCY Galápagos

Posteingang: Re: Informe de recepción para Puerto Ayora Radio

Von: Costera HCY

An: Andreas Ibold

Re: Informe de recepción para Puerto Ayora Radio recibido 16 MHz DSC en Alemania

Hola, buenas tardes, es correcta su información de estación costera "puerto ayora radio" siglas de llamada, mmsi, este proyecto funciona desde el año 2004 de acuerdo a las frecuencias asignadas por la UIT unión internacional de telecomunicaciones, O.M.I. organización marítima internacional, sistema GMDSS para salvaguardar la vida humana en el mar y estamos ubicados en las Islas Galápagos - Ecuador coordenadas 00 44 south 090 18 west, muchas gracias por su comentario y felicitaciones, además este programa fue dirigido por un sr. Mandred de Alemania, radicado en la ciudad de Quito - Ecuador.

Atentamente,
RUDY RUIZ PAZ
OPERADOR GENERAL CERTIFICADO
Estación Costera "Puerto Ayora Radio"
Isla Santa Cruz - Galápagos
Phono: 593-52-527473
Satelital: 00 881632672572
Siglas de identificación HCY
MMSI 007354757

El vie, 12 Jul 2024 a las 11:54, Andreas Ibold (<...>) escribió:

```
(HF=16.2045 MHz) <Selective call to a particular individual station>  
Called MMSI station address: 636093164 [Ship: AL RIFFA, 5LKS2, Container]  
Category: Safety  
MMSI self-identifier: 007354757 [Coast station: Puerto Ayora Radio] (Ecuador)  
Telecommand 1: Test  
Telecommand 2: No information  
Neither RX/TX frequencies nor position supplied  
Check Sum: OK  
Date and time of decoding: 2023/07/12 09:53
```

Sehr, sehr selten. Bravo Andreas. Solche Bestätigungen sind Motivation für viele weitere Stunden vor dem Empfänger. Gratulation zu 212 EDXC Ländern, das ist noch seltener! (Christoph Ratzer via A-DX Fernempfang)

Robert Wilkner: Rather poor conditions last fortnight. Possibly a second Bolivian, thanks to Lúcio tip (LOB).

GLENN HAUSER LOG ROUNDUPS. Please note and spread the word - for those not on a list where my almost-daily all-band but mainly SW log reports appear -- or for those who are but find this a more convenient archive, weekly merged roundups of all these reports in their original form are posted early every Thursday via WOR:

<http://www.worldofradio.com/Hauserlogs.html>

The latest ones direct: https://www.w4uvh.net/ghlogs_2024_0627_0703.txt

Previous issue: https://www.w4uvh.net/ghlogs_2024_0704_0710.txt

Useful log links:

WOR: <https://groups.io/g/WOR>

WWDXC Top News: <https://www.wwdxc.de/topnews.shtml>

DXplorer: <https://groups.io/g/DXplorer/messages>

Shortwave Central radio blog: <https://mt-shortwave.blogspot.com/>

DX Fanzine: www.dxfanzine.com (also pirate stations)

Liangas: <https://zliangaslogs.wordpress.com/2022/> (mostly using KIWI's around the world)

Pirates: <https://shortwavedx.blogspot.com/> <https://betajbk.blogspot.com/>

<https://ukdxer.wixsite.com/my-vxw-site-di06oi>

Here are some pirate tips links that might be worth spreading. /Per Eriksson, Sweden:

Achim Bruckner: <https://www.achimbrueckner.de/>

Lars Jeppesen, active pirate listener: <http://lhu-dx-log.blogspot.com/>

Rick, Finland: <http://pirateradiolog.blogspot.com/>

Irish Paul: <https://irishpaulsradioblog.blogspot.com/>

3310	Jul13	2340	Radio Mosoj Chaski, Cotapachi, Quechua, comments. (Méndez) + (Wilkner-FL)
3945	Jul19	0932	R. Vanuatu. (LOB)
3955	Jul10	2335	Channel 292, Rohrbach pop songs 4 (AP-DNK)
3955	July8	2001	KBS World Radio, German, news, good (Franz Bleeker)
3975	Jul11	2052	Shortwave Gold, Winsen. Pops. 3 (CG) + (AP-DNK)
3985	July17	1730	Radio Slovakia, English, news, good (Franz Bleeker)
3995	Jul14	2102	HCJB, Weenermoor. G, songs, tks. 2 (CG) + (AP-DNK)
4765	Jul12	0447	Radio Progreso, Bejucal, extra time today, id. at 0502 "Radio Progreso, Cadena Nacional, la Onda de la Alegria, transmitiendo desde La Habana...", Cuban songs. (Méndez)
4765	Ju14	-2001*	Tajik Radio, Dushanbe, Tajik, comments, very weak. (Méndez) + (LOB)
4775	Jul16	2333	Radio Tarma. Tarma (Wilkner-FL) + (Méndez)
4810	Jul11	2242	R. Logos, flute mx, ann. Tune in on 4808 to avoid Stanag. 3 (LOB)
4820	Jul13	2343	Radio Senda Cristiana, Cotahuasi, Quechua, comments. (Méndez) + (LOB)
4940	Jul9	0444	Estación 4940, religious comments and songs, id. "Señal de onda corta, Estación 4940", program reading Martin Stendal's book "Secuestro y Reconciliación", about Martin's kidnapping by the Colombian guerrilla, "contacto@fuerzadepaz.com". (Méndez)
4955	Jul11	2252	R. Cultural Amauta. Long and deep fades 1 (LOB)
4965	Jul13	2038	Voice of Hope Africa, Lusaka, English, religious comments. (Méndez) + (LOB)
4985	Jul13	2341	Radio Brasil Central, Goiania, Brazilian songs. Teletype QRM. (Méndez)
5020	Jul19	0936	SIBC. (LOB)
5025	Jul14	0624	Radio Rebelde, Bauta, Cuban and other Latin American songs. (Méndez)
5895	Jul13	2104	Radio Northern Star, Bergen, pop songs. (Méndez)
5930	Jul10	2320	World Music R, Bramming pop songs 4 (AP-DNK)
5940	Jul10	2325	Voz Missionaria, Camboriu, SC Brazilian pop song 3 // 9665 (AP-DNK)
5952	Jul16	2335	Tent. Pio XII, Siglo Veinte signal with no audio, thanks LOB tip. Aalso 2333 on 14 July (Wilkner-FL) + (LOB)
5955	Jul14	1944	Radio Veronica, Westdorpe, pop songs, Dutch, comments. (Méndez)
5970	Jul10	2330	R 208, Hvidovre, ID: "The Rock of Copenhagen" 4 (AP-DNK) + (CG)
5995	Ju14	*0600-	Radio Mali, Bamako, African songs, id. "Radio Mali", Vernacular, French, news, comments, program "Au Chant du Coq", (Méndez) + (LOB). + (CG)
6005	July11	1601	SRF Swiss Radio, German, Echo der Zeit (Franz Bleeker)
6010	Jul14	0527	Radio Inconfidencia, Belo Horizonte, Brazilian songs "Memoria Nacional". (Méndez)
6016.9	Jul15	0128	Organización Radial El Prado, comments, Latin American songs. (Méndez)

6030	Jul13	1937	Radio Oromiya, Addis Ababa, Vernacular, comments, East African songs. (Méndez)
6050	Jul14	0002	HCJB, Pichincha, Quechua, comments, songs. (Méndez)
6050	Jul14	*0555-	ELWA Radio, Moronvia, at 0557 English, id., religious comments. (Méndez)
6070	Jul17	0005	CFRX Toronto with news itemd, same difficult signal here (Wilkner-FL) + (Méndez)
6090	Jul14	1841	Voice of Amhara State, Addis Ababa, Vernacular, comments, East African music. (Méndez)
6150	Jul14	0514	Radio Saturno, Belo Horizonte, Brazilian songs, comments, program "Faixa Brasil", "Radio Saturno". (Méndez)
6155	July8	0500	Radio Austria International, German, French elections, fair (Franz Bleeker)
6160	July14	0900	Imaginary Stations, English, "Cool" program, good (probably groundwave here) (Franz Bleeker)
6170	Jul13	1815	Radio Delta International, Elburg, Dutch songs, id. "Radio Delta", "Welcome to Radio Delta Goes DX", comments in English. (Méndez)
6180	Jul13	2045	Radio Nacional da Amazonia, Brasilia, Brazilian songs. // 11780. (Méndez)
6185	Jul14	0445	Radio Educación, Ciudad de México, DX program "Sintonía Libre", "Trigésimo Encuentro Dxiستا mexicano, visita la planta transmisora de Radio Educación", "100 años de Radio Educación", "El viernes 2 de agosto será este encuentro", "Escuchan Sintonía Libre", comments about "La onda corta en Liberia, ELWA Radio", id. "Cultura Mexico, Señal Internacional, la onda corta de Radio Educación". (Méndez) + (LOB)
7250	July7	1745	Radio Taiwan International, German, song by Teresa Teng, fair (Franz Bleeker)
7260	Jul20	0954	R. Vanuatu, Back after some weeks on 7260 (LOB)
7425	July10	2035	Radio Japan, French, news, good (Franz Bleeker)
9395	July7	1504	FEBC, about saints, fair (Franz Bleeker)
9515	July10	1500	KBS World Radio, English, news, weak (Franz Bleeker)
9545	July7	1730	Radio Taiwan International, German, song by Teresa Teng, fair (Franz Bleeker)
9635	Jul14	1737	R.Mali. Vn, tks, phone-ins. 3 (CG)
9665	Jul14	0717	Voz Missionaria, Camboriú, religious songs. (Méndez)
9670	Jul13	1716	Channel 292, From the Isle o Music program, English, comments, id. "From the Isle of Music", Latin American songs. (Méndez)
9695	Jul16	0800	KNLS, ann, pop mx, "this is new life station". (LOB)
9700	Jul14	0912	R. NZ Pacific, Rangitaiki. E, tks, pops. 2 (CG)
9790	July7	2001	Radio France Internationale, French, legislative elections & a bulletin of African news, fair (Franz Bleeker)
9818.6	Jul13	2017	Radio 9 de Julho, Sao Paulo, religious comments. (Méndez)
9960	Jul15	0503	Radio Vanuatu, Port Vila, comments, songs, at 0601 drums, interval signal, news, Bislama. No WRMI QRM today. (Méndez) + (LOB)
11620	July14	0600	Radio Romania International, German, news, fair (Franz Bleeker)
11730	July13	0530	Radio Japan, French, "Magazine du Dimanche" (on Saturday), fair (Franz Bleeker)
11780	Jul13	2033	Radio Nacional da Amazonia, Brasilia, Brazilian songs, comments. (Méndez)
11815	Jul14	0541	Radio Brasil Central, Goiania, Brazilians songs, at 0544: "Duas e quarenta e quatro, Madrugada Musical". Distorted signal. (Méndez)
11875	Jul14	0800	KNLS, Anchor Point, interval signal, Chinese, comments. (Méndez)
11995	July13	1700	Radio Taiwan International, German, Travelling in Taiwan, fair (Franz Bleeker)
13580	July14	0515	Radio Romania International, French, La Roumanie de A à Z, good (Franz Bleeker)
13600	July14	0530	Radio Japan, French, Magazine du Dimanche (but different from Saturday) (Franz Bleeker)
15300	July14	0702	Radio France Internationale, French, news, fair (Franz Bleeker)
15520	July13	1504	REE Spain, Spanish, news, good (Franz Bleeker)
15580	July9	1800	VoA, English, news, fair (Franz Bleeker)
15595	July17	1615	Vatican Radio, English, church-related news, good (Franz Bleeker)
15700	Jul14	1002	World Music Radio, Randers, Latin American and other songs, flute music, id. "World Music Radio". (Méndez) + (CG)
15770	July8	0555	Supreme Master TV, English sermon, good (Franz Bleeker)
15770	July9	0600	Radio Prague, English, news, good (Franz Bleeker)
17640	Jul14	1531	BBC World Service, tennis, Wimbledon final, live, Carlos Alcaraz vs Novak Djokovic. (Méndez)

CLANDESTINE & TARGET BROADCASTING

6520	Jul14	2059	Voice Of The People (cland.), Goyang. Kor to KRE, tks. Jammed. 2 (CG)
9120	Jul12	2106	Sound Of Hope R Int'l., unk. site. Mand to CHN, tks, songs. Meas. 9120.000. 2 (CG)
9140	Jul8	2038	Sound Of Hope R Int'l., unk. site. Mand to CHN, Chinese songs, tks. Meas. 9139.985. Better on // 9120.000. 1 (CG)
9155.1	Jul12	2054	Sound Of Hope R Int'l. (?), unk. site. Tks, sounded Mand. Blckd. by CHN at 2102 (meas. 9155.055, // 6865.45). 1 (CG)

VOLMET & UTILITY STATIONS

4405	Jul6	1829	TAH İstanbul R. E, ocean wx (cf. // 13128). Unreadable, too faint & noisy. 1 (CG)
6230	Jul8	1849	VMW Marine Weather Station, Wiluna WA. Wx warnings. 2 (CG)
6507	Jul8	1851	VMC Marine Weather Station, Charleville QLD. Wx warnings. Vy. faint. 1 (CG)
6604	Jul10	2054	VFG Gander Volmet, NL. Met rpt. 1 (CG)
6676	Jul9	2221	9VA-40 Singapore Volmet. Met rpt. Vy. faint. 1 (CG)
6676	Jul11	1855	AWB Bombay Volmet. ID, met rpt. 1 (CG)
6676	Jul18	2147	ARA Karachi Volmet. Met rpt. 1 (CG)
6679	Jul14	2116	VRK Hong Kong Volmet. Met rpt. 2 (CG)
7906	Jul4	2235	XVI Quy Nhon R. Ocean wx. <i>correct name is XVI Quy Nhon, not XVI Ca Mau</i> 2 (CG)
8113	Jul8	1845	VMW Marine Weather Station, Wiluna WA. Wx warnings. 2 (CG)
8176	Jul8	1847	VMC Marine Weather Station, Charleville QLD. Wx warnings. 1 (CG)
8828	Jul9	2223	ZKAK Auckland Volmet. Met rpt. Vy. faint. 1 (CG)
8828	Jul14	2118	VRK Hong Kong Volmet. Met rpt, s/off ann. 1 (CG)
10051	Jul10	2052	VFG Gander Volmet. Met rpt. 3 (CG)
12356	Jul7	2107	Taupo Maritime R, Taupo. Ocean wx. 2 (CG)
12362	Jul15	0744	VMW Marine Weather Station. Wx warnings. Via western path. 2 (CG)
12365	Jul15	2148	VMC Marine Weather Station. Wx warnings, s/off ann. 2 (CG)
13128	Jul7	1026	TAH İstanbul R. E, ocean wx. 2 (CG)
13146	Jul8	1828	ZSC Kaapstad R. Ocean wx. Vy. faint. 1 (CG)
13270	Jul14	1155	VFG Gander Volmet, NL. Met rpt. 1 (CG)
13282	Jul12	2052	ZKAK Auckland Volmet. Met rpt. 1 (CG)
13282	Jul14	2048	VRK Hong Kong Volmet. Met rpt, s/off ann. 2 (CG)
13282	Jul18	1910	JIA Tokyo Volmet. ID, met rpt. 2 (CG)
15034	Jul16	2241	CHR Trenton Volmet. Met rpt. 2 (CG)
16528	Jul15	0714	VMW Marine Weather Station, Wiluna WA. Wx warnings. Via western path. 3 (CG)
16546	Jul13	2207	VMC Marine Weather Station, Charleville QLD. Wx warnings. 2 (CG)

Contributors to the log:

wb, Wolfgang Büschel, DF5SX, wwdxc BC-DX TopNews, DXLD, DXplorer, A-DX Glenn Hauser, Enid, OK, USA (also WOR/DXLD) Robert Wilkner, Pompano Beach, Florida, USA Franz Bleeker, Germany	(CG)/(CGS), Carlos Gonçalves, Lissabon/SW Coast, Portugal Manuel Méndez, Lugo, Spain AP-DNK, Anker Petersen, Skovlunde, Denmark LOB, Lúcio Bobrowiec Embu SP Brasil
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Station news

ANTARCTICA. LRA 36 Radio Nacional Arcángel San Gabriel's shortwave transmitter is out of service. The Collins HF 80 equipment will be taken back to the mainland for repair and will be replaced by equipment of the same brand and model when weather conditions allow for operation. We must bear in mind that we are in winter, so transportation to and from Antarctica is restricted.

We are confident that we will be back on **15476 kHz within the next 60 days.**

While its content is distributed through other channels, such as web streaming and applications, we know that LRA 36's broadcasts are followed by a global audience, passionate about radio and shortwave, and that its mission is precisely to disseminate information about Antarctic activity, and as one of the activities that support the ratification of Argentine sovereign rights on the white continent. In the meantime, progress continues on the station's renovation plan, which began with the installation of a studio console and other audio accessories, will continue with a new antenna, and will conclude with the commissioning of the shortwave transmitter donated to LRA 36 by Javier Gratz, President of Trialcom, an Argentine telecommunications company.

We appreciate the support and understanding of shortwave listeners, DXers, radio amateurs and radio enthusiasts around the world.

We also ask that you please disseminate this information in publications, groups and to colleagues.

Additional information:

The station is located in Esperanza Base, Antarctica.

The station's programming includes news, sports, weather, and music.

The station can be heard online at <https://www.radionacional.com.ar/tag/lra-36-arcangel-san-gabriel/>.

(Adrian Korol, Director General of RAE, Argentina via Nigro, Uruguay, Jul 18, 2024.)

(Horacio Nigro, CX3BZ, "La Galena del Sur", Montevideo,)Uruguay

JAPAN. R Nikkei. Hello, Greetings from the Listener Services at Radio NIKKEI.

We are grateful for your detailed reception report and can confirm that the signal you received is indeed from our broadcast.

We would like to inform you that our station does not provide QSL cards for receptions through the Internet. We appreciate your understanding regarding this policy.

Thank you for being a valued listener, and we hope you continue to enjoy our broadcasts.

Warm regards, Radio NIKKEI
(Zacharias Liangas)

VANUATU. Radio Vanuatu appears to be currently operating to the following schedule on shortwave (all times UTC):

1830v-1958 on 3945 kHz 1959-2158 on 7260 kHz

2159-0658 on 9960 kHz 0659-0958 on 3945 kHz

0959-1100v on 7260 kHz

(Tony Rogers using KiwiSDR's in Australia and New Zealand)

Other radio news

[nordx] Intressant - brokiga rapporter strömmar nu till Finland.

Ett kort utdrag från diskussionerna i gruppen. Även funderingar vilken typ av lyssningsrapporter må andra radiostationer få från sina lyssnare?

RealMix: "Igår kom mer än 30 rapporter till RealMix, av vilka jag kunde verifiera 27. De flesta av dem kom från nya lyssnare."

"Var resten falska?" "Nja jag räknade nu att några hade lyssnat på Gringo i stället och trodde att det var RMR. Å andra sidan kunde jag inte verifiera ett 30 minuters klipp från Nya Zeeland än så länge. Samma orsak.

Liknande sak hände när WMR sände på 6195, fick jag ett par rapporter från Italien - ett par till kom ännu idag.."

MAC: .."hittills, all respons har baserats på testsändningar, av vilka har nu 17 bekräftats. Ett brev är 99% säkert, som lämnades tillsvidare utan svar för att vänta på de faktiska sändningarna..

En hade spelat in slumpmässig digital skur med WebSDR, och en var bara ett tjafs.

Jo dessa var på samma nivå som e-postspam eller sms-bedrägerier. Det var fullständigt nonsens, det kom från Indien, enligt avsändaren, från Delhi."

Risto hade kollat via fjärrmottagare i Oceanien hur det hördes och kom fram till att Nya Zeeland är inom gränserna för möjligheterna. Det var nämligen RealMix bärvåg som kom synlig där på en Kiwi.

I Australien fanns det däremot ett par Kiwi där Risto svagt kunde höra stationens sändning, och det var ju trevligt!"

Där ser vi- ett QSL kan inte vara bara ett vykort från Finland. Lyssnaren måste satsa ärligt på själva mottagandet och göra sitt bästa. Att fånga ID-meddelandet är det säkraste beviset på att en radioförbindelse hade upprättats mellan avsändaren och lyssnaren - naturligtvis kan också många andra programpunkter stödja rapportens riktighet. (Google translator har bidragit till detta)

(73, Kari Kallio via nordc)

[jaguarpro] New LeoBodnar LBE-1420



Perhaps not all Jaguar users are aware of this yet: Leo Bodnar offers the LBE-1420, a new version of its GPS-stabilised oscillator with programmable output frequency.

https://www.leobodnar.com/shop/index.php?main_page=product_info&cPath=107&products_id=393

The power and the frequency range are slightly larger, but in principle it is the same device, just "new".

(73 Christoph Ratzer, <https://ratzer.at>)

Perseus 22 test

I have been testing the new Perseus22 (on loan from OJ Sagdahl) for a couple of weeks. Here are my initial impressions seen from a MW DX-ers point of view.

<https://www.facebook.com/groups/297973940712631/permalink/1828209594355717/>



While my initial impression of the Perseus22 may not have been all praise, the software does have a very useful feature in combining/retracting signals from two antennas, named Decorrelation. I spent a few hours testing the feature on MW, and it is indeed promising. See pdf.

<https://www.facebook.com/groups/297973940712631/permalink/1829700720873271/>

(Bjarne Mjelde via DXing.info)

Shortwave Central adds a Kiwi!

I recently joined forces with DX Central's Loyd Van Horn, from our studios in Mandeville, Louisiana to add a Kiwi SDR radio to complement our monitoring. It has been a tremendous success for ourselves as well as feedback from worldwide listeners.

The Shortwave Central Kiwi SDR is a 2nd version Kiwi paired with an impressive KAZ antenna for directional reception, especially on lower HF and MW bands. The entire KAZ is elevated 10' off the ground (mostly for walking clearance but this also in our testing seems to have helped make it a bit quieter). The apex of the KAZ sits at 25 feet above the ground wire and the entire antenna is 72 feet long.

The antenna is oriented at 330° when in the Northern configuration and 150° when in the Southern configuration. The antenna configuration is changed by swapping which end of the antenna the Wellbrook FLG100LN feedpoint amplifier is located at.

In our testing, the Southern configuration provides excellent reception on lower HF and MW bands into Central and South America, while the Northern configuration has provided enhanced reception into East Asia on HF and into states such as Wyoming and Montana on mediumwave.

Here is the link to use: <http://21118.proxy.kiwisdr.com:8073/>

Link to the DX Central KIWI: <http://21730.proxy.kiwisdr.com:8073/>

Global Radio Guide <https://www.amazon.com/dp/B0BNSYN8PK/>

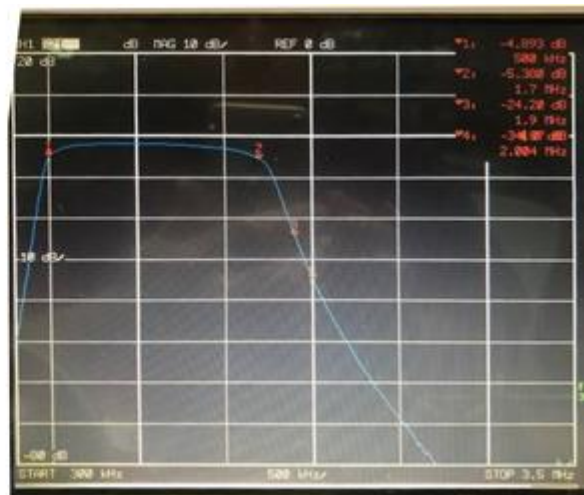
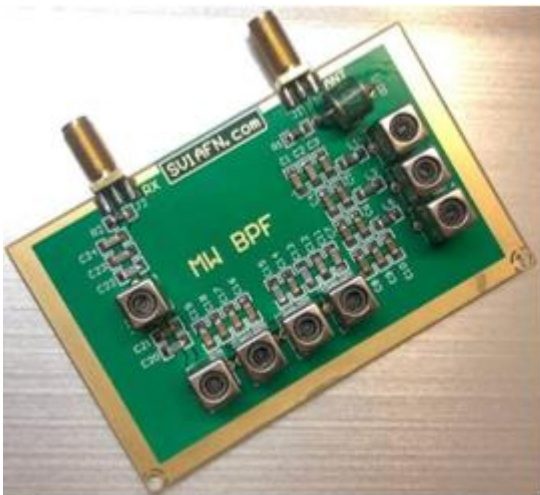
Shortwave Central Blog <http://mt-shortwave.blogspot.com/>

Shortwave Central YouTube Channel <https://www.youtube.com/c/ShortwaveCentral>

Teak Publishing <http://www.teakpublishing.com>

(Gayle Van Horn W4GVH, Mandeville, LA)

MW Band-Pass Filter 500 - 1700 kHz



De-

scription

- Gas-Discharge Tube protection at the Antenna-input Connector
- Static discharge Resistors at both the input and output ports
- 7-pole High-Pass and 11-pole Low-Pass design 500-1700 KHZ (can be tuned at 550 - 1600 KHZ)

The PCB dimensions are 84 x 52.5 mm and a suitable box is [this one](#)
Built & Tested PCB Module available or encased in the die-cast aluminum box.

Price Encased Built & Tested: 40,24€ (VAT excluded) 49,90€

<https://www.svlafn.com/en/product-category-4/mw-band-pass-filter-500-1700-khz.html>

(Christoph Ratzler via A-DX)



FOBOS SDR

There was a presentation at the SDR Academy 2024, which takes place at the fair: "Erwin Serlé PE3ES / F4VTQ: Fobos SDR from RigExpert. From low bandwidth SDR solutions with integrated data processing to very high bandwidth and processing on connected general purpose hardware"

For understandable reasons, the presentation was online and introduced the Fobos - a lot of information about it can be found on the RigExpert website, but the possibility of connecting your own programmes to it was also mentioned. There is already some SDR software that works with the Fobos and they want to actively support developers. I have attached a few screens with red circles.

The exciting thing for me is that the Fobos requires no external power supply, USB 3.0, HF + VHF/UHF, clock in/out, up to 50 MHz bandwidth, and all at a really good price.

They've done a lot of things right!

<https://rigexpert.com/products/software-defined-radio-sdr/fobos-sdr/>

(73 Christoph <https://ratzer.at>)



The Fobos SDR is a high-performance Software-Defined Radio (SDR) receiver with a USB 3.0 interface. This device offers a continuous operating frequency range from 100 kHz to 6 GHz and up to 50 MHz bandwidth with 14-bit signal sampling resolution, ensuring full data integrity. With two auxiliary input channels, HF1 and HF2, for coherent direct sampling and a primary RF reception channel, Fobos SDR provides flexibility and precision in signal reception. Support for an external clock input, straightforward driver installation, and wide compatibility with popular software such as

SDRSharp, HSDR, and GNURadio make Fobos SDR an ideal solution for hobbyists, researchers, and professionals in the field of radio communication seeking to leverage the capabilities of SDR technology fully.

Specifications:

Operation modes <ul style="list-style-type: none">• double conversion heterodyne• two-channel direct sampling Frequency range <ul style="list-style-type: none">• 100 kHz – 25 MHz (direct sampling)• 25 MHz – 6 GHz (double conversion heterodyne)	IQ sample rate (bandwidth): 4 - 50 MHz ADC resolution: 14 bits Frequency stability: ±0.5 ppm Power source: USB Plug, 3.8 - 5.5 V nominal
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(rigexpert.com)

FobosSDR: A New SDR Receiver with 100 kHz to 6 GHz Tuning Range and 50 MHz Bandwidth for \$395

Recently we've seen that a new SDR from the Ukrainian company RigExpert has been released. The [RX-only USB3.0 SDR is called 'FobosSDR'](#) and it has a 100 kHz to 6 GHz tuning range, 50 MHz of bandwidth, and 14-bit resolution. Apart from a standard RF input, it also has two auxiliary input channels for coherent direct sampling and clock in and out ports. In terms of software support, the FobosSDR supports HSDR, and interestingly a very old version of SDR# (SDR# 1716) through a plugin. They also have a GNU Radio block.

The design is based on the LTC2143 ADC and uses a wideband RFFC5072 mixer on the front end which feeds into a MAX2830 transceiver chip.

RigExpert products are carried by a number of resellers across the world, but FobosSDR does not yet appear to be available from any that we checked. So far we have not seen any reviews or demonstrations of the product in action, but will update if we do.

(RTL-SDR.com)

[nordx] Final European Private Shortwave Stations list

For a list of licenced private SW stations see *Stig Hartvig Nielsen's* latest list. Stig writes:

"Please notice that this is **my final edition of the list**. Unfortunately - the truth is that most of the shortwave stations didn't want to cooperate.

Moreover several frequencies are utilised on an entirely erratic basis making it meaningless to try and publish broadcasting hours for the different frequencies".

("Communication" monthly magazine July 2024 p#3, BrDXC.UK iogroups July 6) (WWDXC)

DSWCI website

Die DSWCI.org Webpräsenz ist wieder erreichbar.

In der Zwischenzeit ist es jedoch zu Veränderungen gekommen: Anker Petersen ist nicht mehr in der Lage, den "Tropical Bands Monitor" nachzuführen und die "Domestic Broadcasting Survey" zu redigieren.

Wir haben daher gemeinsam entschieden, die DSWCI-Webseite auf das Auslaufen des Abonnements hin vom Netz zu nehmen.

Der DSWCI wurde Ende 2016 aufgelöst. Ausser den erwähnten Publikationen wurde nichts mehr Neues veröffentlicht. Die Informationen haben heute weitgehend historischen Charakter.

Solange die Webseite noch online ist, können die Publikationen kostenlos auf den eigenen Computer heruntergeladen werden. Im Weiteren bietet die ADDX einen Datenträger mit allen jemals erschienenen Ausgaben von "Shortwave News" zum Kauf an.

Es war mir ebenso eine Ehre wie ein Vergnügen, die DSWCI.org Seite während insgesamt 22 Jahren zu betreuen - zuerst für den DSWCI, dann für Anker Petersen persönlich.

Ich danke Anker Petersen auch an dieser Stelle für seinen enormen Einsatz zugunsten der DX-Gemeinschaft - und allen Nutzern der Internetseite für ihr Interesse.

(Beste 73, Rolf Wernli via A-DX)

Verification from Thai Meteorological Station on 6765.1 kHz
(Hans Östnell)



Verification from Radio Catolica Nacional in Quito. Their nominal frequency was 5030 kHz. (Robert Wilkner)

A lot of QSL's were sent to the Nordic DX-ers.

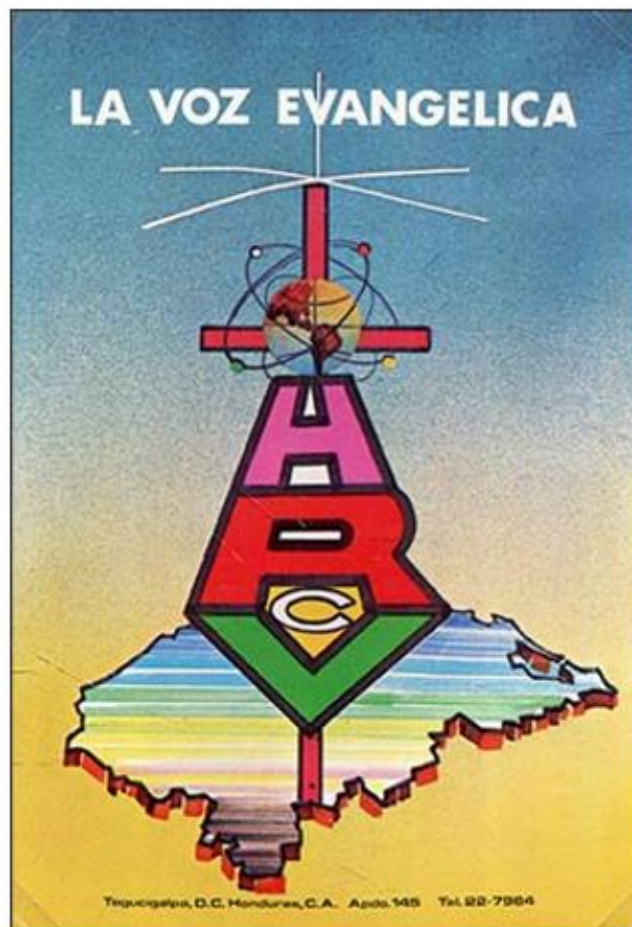
DX nostalgia by RFK

It may still be summer but soon the days will start getting shorter and the darkness will fall upon us earlier. As autumn's grasp tightens, the air brims with the thrilling anticipation of the winter DX season. Across the globe, DXers prepare their equipment and retreats for the exciting catches of the airwaves awaiting in the frigid months ahead. Excitement simmers beneath the routine tasks of the pre-DX season preparation. The lure of SWBdistant voices, the satisfaction of a peak performance in adverse conditions all contribute to the exhilaration brewing within. As the season's breath teases the landscape, the DX community gathers in forums, swapping tips and reminiscing about past DX encounters. The shared anticipation envelops all, a virtual cauldron of heated speculation and nervous excitement.

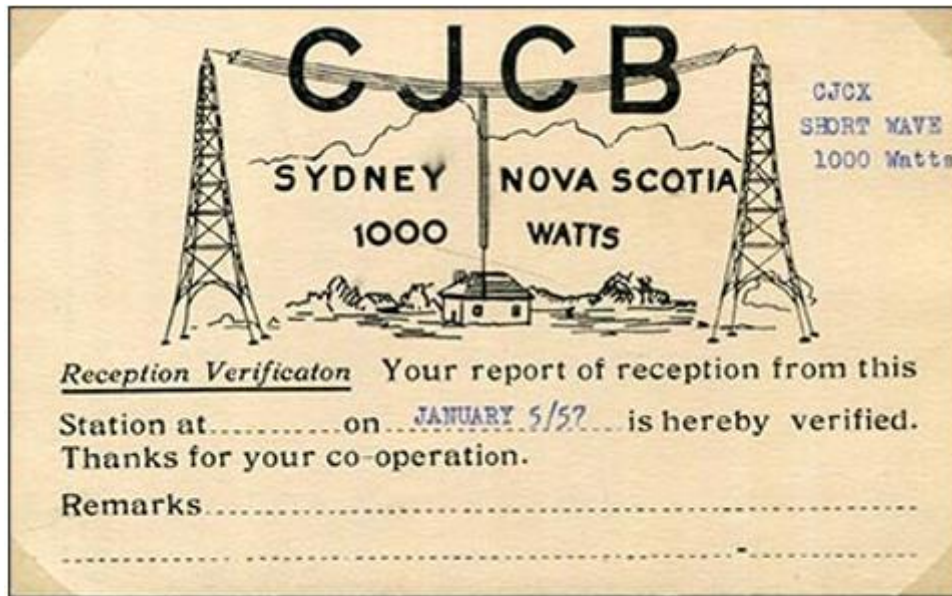
With winter's first snowfall soon around the corner, the preparations culminate in a serene calm before the storm. The DX season stands poised, its secrets tantalizingly within reach. The thrill of the chase beckons, drawing DXers back to their receivers for the months ahead. The stage is set and the cosmos bristle with potential. As the curtains lift, the DX community prepares to embark on a journey equal parts technique, competition, and camaraderie. Brace for the electromagnetic pulse of human connection, transmitted through a cold, wintry landscape, awaiting the heart of DX season and the thrilling exaltation of the DX chase.

Personally, I am more or less focusing on medium wave/broadcast band DXing these days. But there are still a few interesting stations awaiting to be heard also on SW. And new stations are added. Recently licensed low-powered stations have started operating from Finland. We can expect the reception to be better as the darkness falls. Soon maybe Norfolk Island will be back on the air? Yes, I think we shouldn't count out SW just yet...

And now for some QSL nostalgia. HRVC La Voz Evangelica out of Tegucigalpa, Honduras on 4820 kHz was probably the easiest way of verifying Honduras and they replied promptly with nice QSL cards. Bengt Dalhammar BD received this card in 1979.



Here we have a QSL card which Lars Rydén LR received from CJCX 6010, the shortwave outlet of CJCX in Sydney, Nova Scotia in 1957. CJCX operated from 1938 to 1976 with low power. CJCX is still on the air on 1270 with a country music format and it's one of the most common North American catches on medium wave here in Sweden.



Behold this information pamphlet which Ullmar Quick UQ got from CXA19 Radio El Espectador for a report on 11835 kHz in 1951. Scanned by John Ekwall JOE.

D I F U S O R A S D E L U R U G U A Y S A .



PALACIO LEGISLATIVO
Legislative Palace
Montevideo

Bajo la Cruz del Sur, vibra en la voz de "EL ESPECTADOR", el anhelo y la refir-mación de la libertad del hombre.

Under the Southern Cross vibrates in the voice of "EL ESPECTADOR" the fervent wish for and the ratification of the Liberty of Man.



PLAYA POCITOS
Pocitos Beach
Montevideo



MONUMENTO A LOS CONSTITUYENTES
Constituent's Monument
Montevideo

CX-14 "EL ESPECTADOR"
810 kcs. 15 KW

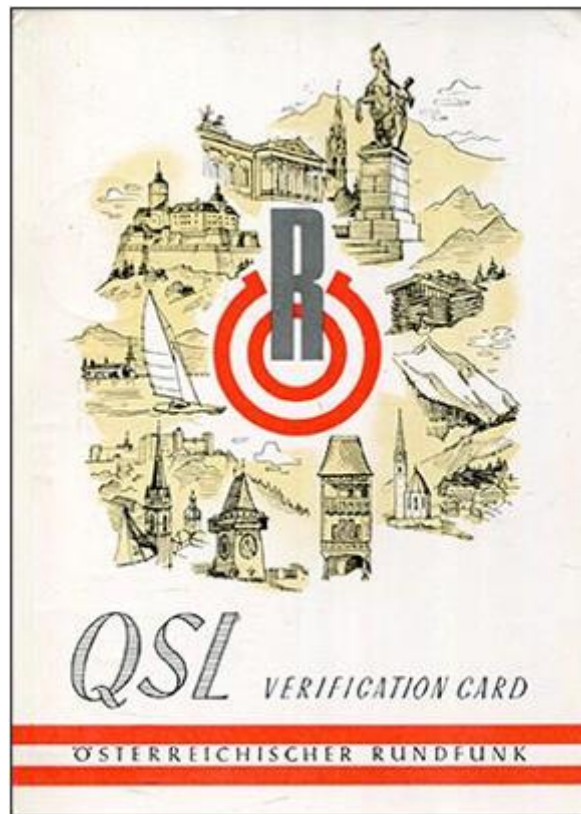
CX-18 "LIBERTAD- SPORT"
890 kcs. 5 KW

CXA-19
onda corta, short wave, 11,835 kcs. 25,35 mts. 5 KW

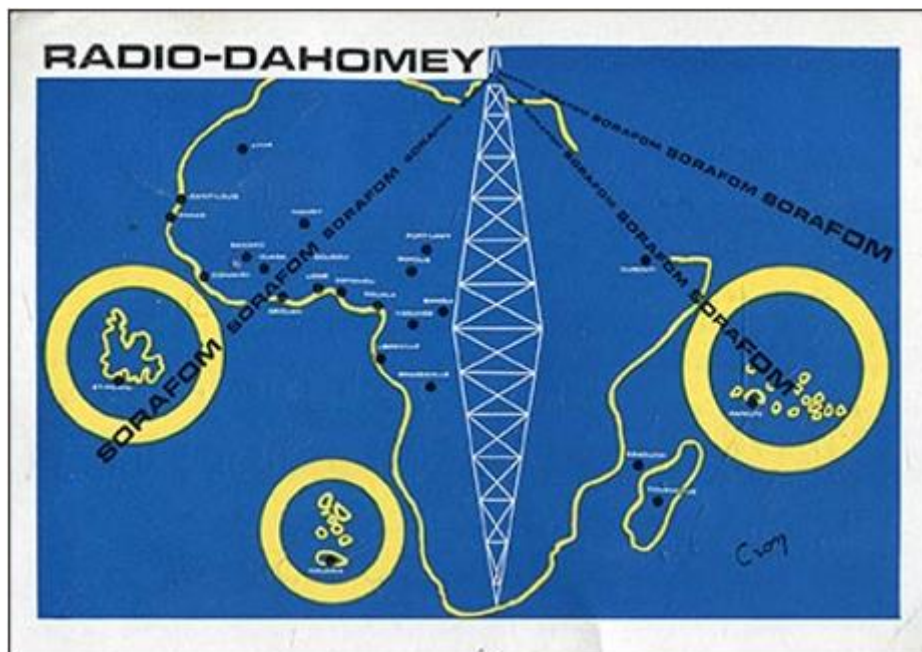
CADENA URUGUAYA DE RADIODIFUSIÓN,

CW-1, Colonia; CW-19, Rocha; CW-23, Salto;
CW-33, Florida; CW-35, Paysandú; CW-43, Minas; CW-45, Treinta y Tres; CW-46A, Tacuarembó; CW-47A, San José.

I must say I really like the design of this QSL card from ÖRF – Österreichischer Rundfunk. Bengt Ericson got this card in 1956 for a report on 9505 kHz.



Finally a QSL card from Radio Dahomey, sent to Jan Edh JE in 1960. It has the usual design of the Sorafo network, once upon a time so common among African stations.



Say, why don't you send a contribution to DX nostalgia? Please mail me at info@rock.x.se if you want to share something with us. Take care and stay safe, 73 & GOOD DX!

THANK YOU EUROPE for a WONDERFUL TIME

For most of the month of June I Mike-KD5KC and my wife Moni (Monika)-N5NHC were visiting relatives in Germany. I was a soldier stationed on the Iron Curtain for nearly 8 years of my 20+ career as a professional soldier and I married a German. This trip was mostly so Moni could spend time with her mother and sister. That she did, and for many hours daily. We wanted to be there for her mother's 89th birthday on 6-June, so we left El Paso Texas early on 4-June. While they did mother-daughter and sister things, I was mostly free to find my own way. We have visited many times like this before. My objectives this trip was filling gaps. As many activators do now, I try to combine SOTA and POTA whenever possible.

For SOTA I hoped to activate the remaining countries surrounding Germany that I had not visited before, and to try to chase the associations that were on my "SOTA-ASSOCIATION-UNQUALIFIED" list from previous visits.

For POTA I hoped to activate 3 new countries to reach 10 DX countries activated, and to activate 5 new parks to reach the next level, 75 parks activated. I also hoped to hunt 250 new parks to reach the next level, 1,500 parks hunted.

My nephew Andi (Andreas) had just passed his German Extra-Class license exam and picked the call sign DJ5KC. He really wanted DK5KC, as a kind of backward play on my call KD5KC. As it turns out that maybe this was not the best idea. We decided to mostly share one radio handing the MIC back and forth for each activation. And we discovered that many got confused between DL/KD5KC and DJ5KC. It was even worse when we did OZ/KD5KC and OZ/DJ5KC etc. Trying to explain it on the air certainly slowed the QSO rates a bit.

It was an ambitious agenda. Andi is a former long-distance truck driver with several years of experience. He has been all over Europe and Western Russia, so when I outlined my idea Andi started making firm plans. What I hoped to accomplish was two new SOTA countries (Denmark and Poland), three new POTA countries (Denmark and Poland and Czech Republic) a few new German states for SOTA and at least 5 new POTA parks. That was "The PLAN". In between activations I was free to set up my equipment and Chase/Hunt.

Since Andi enjoys SOTA-POTA as much as I do, we decided that Andi would drive, we would split the fuel costs, and I would pay for all meals and drinks. What a deal! Our first outing was to the day after Oma's birthday, 7-June. Hermannskoppe DM/HE-499 is in Hessischer Spessart Nature Park POTA DE-0033. The entire trip was fine other than Jet-Lag making me sleepy until we reached the summit. We set up my 38-ft (11.5m) vertical with a 33-ft (10m) radial laid out on the ground. Handing the mic back and forth as a "second operator" we each logged 31 contacts with 20m and 40m providing fair results. Then we packed up and left for home. Andi knew a good "truck-stop" to get dinner at so we didn't need to rush home.

Andi (left) and Mike (right).



Our second activation was the next day, 8-June. It was SOTA Hornisgrinde DM/BW-019 which was POTA Schwarzwald National Park. Like the previous day, I dozed through much of the morning while Andi drove. Andi got us there in time for me to wake up and activate. Sharing the mic back and forth we each logged 46 before packing it up for home. The truck stop that Andi selected was now under new management and the prices were quite high. So Andi researched some other possibilities and we found a small-town gasthaus that had great food at reasonable prices.

Sunday 9-June was a big birthday party for Oma, and Monday 10-June was a day off for shopping.

Tuesday 11-June we made a hop to Denmark where Andi had chosen a SOTA summit in a POTA park. To get there we left at 0300. Since it was such a long run Andi invited his brother Jan along to share the driving. I gladly picked up his meals too. It was mostly Autobahn all the way. Jet-Lag was still killing me and I was struggling to stay awake from our departure near Bad Neustadt until Andi reached Hamburg. Andi and Jan took pleasure in snapping photos of me sleeping in the car and sending them to Moni. Otherwise, the drive was uneventful. This was SOTA Frobjerg OZ/OZ-009 (Pronounced Fro-Bee-Erg) and POTA Frobjerg Baunehoj Park DK-0115. The dual-activation of SOTA-POTA was a success but the bands seemed weak and only 22 contacts were logged. The only mishap was when the sheep tried to eat my orange SOTA-winder laying on the ground. Dinner was at another truck-stop. We arrived home well past 2200, a very hard day but worth it.

12-13-14-15-16 June Andi had an engagement elsewhere, so this time was spent chasing SOTA summits, hunting POTA

parks, and family events as in shopping for gifts etc. I have to say on our last visit in 2022, calling CQ-POTA got little response, and hunting POTA only got me 6 parks in nearly a month of operating. I felt as if I was a POTA pioneer in Europe back then; it felt much like when I first built and activated W5-SOTA in 2010. If calling CQ-SOTA got an answer at all, it was a question – what is SOTA? This time it was obvious that POTA had gained much popularity across Europe.

Andi returned the afternoon of 16-June, so on 17-June we started out for another SOTA-POTA, summit, DM/NW-026, Kahler Asten in POTA park DE-0054, Sauerland-Rothaargebirge Nature Park. It was a broad-flat summit with a large hotel on the grounds. We were going to set up separate stations this time. Andi set up on a bench near the building, and quickly discovered S-9 noise everywhere. I chose to set up a few hundred meters away along a paved walking path. It was a good location with a wooden bench. I quickly set up my antenna by strapping the mast to the bench leg. I had the antenna, the remote tuner, all wires and coax out and was just about to open the case for the radio when the rain started. It rained for over 30 minutes. I discovered what I thought was a rain jacket was actually just a wind-breaker. But we didn't drive 5 hours to quit. I was soaked, but it wasn't too cold. Once the rain quit I opened the pack, connected the IC-705 and the mic, booted up my logging computer and about this time Andi had come looking for me. He was relatively dry.



We shared the mic back and forth through over 30 contacts before the sky started looking ominous again. I closed the computer and packed it and the IC-705 radio in the pack, then the AH-705 remote antenna tuner. It started raining again. I got Andi to take the pack to the car and since I was already wet I pulled down the mast and gathered up all the cables and wires. When I reached the car I just dumped it all in the back, dirty and wet; we could clean it up later. We decided on a restaurant on the way back that we liked, dinner was Pepper Steak.

The next day, 18-June, was to be another hard run. We were going to run to Poland, actually hiking in by crossing the border from the Czech Republic on foot to the summit in Poland, then a fast run to an easy summit in the Czech Republic. This was to be SOTA country #2 and POTA countries 2 and 3. It was an 8-hour drive to the Polish border. We were supposed to use a forest road to get us to a mountaintop hotel, park there and hike across the border to the summit, about a 1,500m hike and a 350m climb. When we got to the end of the pavement, we discovered a nice new shiny sign closing that road. We wasted about 30 minutes trying to see a way to avoid the 8km hike and 1,500m climb from there to the hotel. We knew we didn't have enough daylight for this. After giving up, we suddenly had more time for the Czech summit. Andi started researching and found us a SOTA summit where a POTA park, a POTA trail and a POTA memorial monument all joined. It was a 2-hour drive back through the Czech Republic, but we had the time now. Two of the POTA entities had never been activated, so we earned first activator there. We set up one radio and shared it. We used 40m and 20m, and when a few minutes of calling CQ got no reply we packed up and hiked down to the car. Looking at the time, we could make it to a favorite restaurant near home for dinner, and so we did.

Not attaining the summit-park combo in Poland really put a pause to my goals. But over dinner Andi and I brainstormed a sort of recovery. I had activated in Austria pre-POTA back in 2015. But that summit had later been removed from the active list. I had not done POTA in Austria at all. So we decided to run to Austria on 21-June. Andi found a summit in a park that was a 98% autobahn drive. It was easy, we timed it to miss most of the big city traffic. We were able to drive nearly to the top of the summit, then walk into a nice green field with a few trees. We decided to share the radio so while I was setting up the IC-705 and gear Andi got on a 2m H/T and we made one contact with a local. Since it was such an easy run, we leisurely spent 3 hours and used as many bands as possible, even getting a contact on 6m, 70cm and 23cm-

FM. The trip home was as easy as the trip out. That was my last activation of the trip. Andi had to go back to work, but I spent several more days hunting SOTA-POTA.

22 and 23 June was the USA's Field Day. Early on the morning of 23-June I was tuning the radio around and looking for new SOTA-POTA contacts. I was on 15m, and I could hear many USA and Canadian stations. As I tuned up I heard a familiar voice. It was Sean-KD6CUB at the El Paso Amateur Radio Club. I worked the club, then Sean with his own call. And surprise, my daughter was there logging for Sean so she got her first DX, with her dad! How cool was that?

Rec#	Call	Date / Time	Frequency	Bnd	M...	P...	Snt	Rec	Off
1356	TA1MAZ	2024/06/23 05:29	14.3020	20	SSB	10	58	55	05:30
1355	WB5LJO	2024/06/23 05:10	21.3000	15	SSB	10	44	33	05:10
1354	KE5BHT	2024/06/23 05:02	21.3000	15	SSB	10	59	59	05:02
1353	KD6CUB	2024/06/23 05:01	21.3000	15	SSB	10	59	59	05:01
1352	K5WPH	2024/06/23 05:00	21.3000	15	SSB	10	59	59	05:00
1351	KB2GKC/VO1	2024/06/22 19:17	14.0670	20	CW	10	559	559	19:19
1350	DL2AKV	2024/06/22 18:53	7.0360	40	CW	10	599	599	18:54
1349	YO3LMP	2024/06/22 18:39	14.3330	20	SSB	10	55	55	18:40
1348	DL2AKV	2024/06/22 18:29	7.0360	40	CW	10	559	559	18:30
1347	DL6CQ/P	2024/06/22 17:36	7.0366	40	CW	10	55	579	17:40
1346	IU0OUL	2024/06/22 17:07	14.1140	20	CW	10	55	22	17:07
1345	IU0KTT/P	2024/06/22 16:55	10.1210	30	CW	10	599	599	16:57
1344	LX/ON9EEE	2024/06/22 15:13	14.0540	20	SSB	10	599	599	15:13
1343	SP5ORI	2024/06/22 13:08	14.0440	20	CW	10	559	599	13:10
1342	SV2RII/P	2024/06/22 11:43	14.2150	20	SSB	10	55	55	11:46

When I reached the last day before packing, I had activated 1 new SOTA country, three new POTA countries, 5 new parks to attain the 75-park level, hunted about 140 new POTA parks, also caught 6 of the SOTA-UNQUALIFIED associations I needed, but added two new ones.

Most important -- -- -- I got to say HI to some old friends, got to make some new friends, and had more fun than an old guy like me deserves. As long as Moni's mom is alive, we will keep coming back. Andi says next time it is Poland for sure.

Thank you Europe for a wonderful time de KD5KC.

See SWB 2052 - Michael Olbrish, KD5KC, El Paso, Texas.

Summits on the Air (SOTA) is a programme that encourages radio amateurs who enjoy hill walking and the great outdoors to take their radios with them and operate from the mountain tops.

Parks program for amateur radio, also known as *Parks on the Air (POTA)*, including a map and list of entities for the program.