SHORTWAVE BULLETIN

Issue no. 2067, Nov 10, 2024 **Deadline e-mail next issue: 1000 UT, Nov 24, 2024**

Time again for yet another SWB ….

There is a lot of technical information in this issue.

One big surprise is that Reuter-Elektronik in Germany soon will present a high end SDR with very good specs. Reuter will not (at first) create any complete Windows software. Instead, the device can be accessed via an Ext-IO.DLL from any software that supports such DLLs.

Another interesting software from Germany is Wav-ViewDX produced by Reinhard Weiss. The software is not intended for live listening. It shall be used for examing I/Q recordings. There are a few DX-ers here testing the software on MW.

From UK comes an interesting antenna construction, the Aziloop DF-72 based on two K9AY antennas. The outstanding feature is rotating electrically every 5 degrees and 2 modes- small RX loop and K9AY.
By varying the value of the termination resistance via the AziLoop App, one can alsoachieve skywave nulls.

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.

Rolf Mong via Svensk DX-Historia: Interessant QSL-kort fra før min tid som dx-er. Sendt til Sverige i 1954.... bare 70 år siden!

THAILAND. Starting today, we're giving our QSL cards a modern upgrade! 📲✨

In the past, listeners who sent us a reception report received a printed QSL card from us as a thank-you. Now, to make the process faster and more accessible, we're switching to E-QSL cards—a digital keepsake that's just as special!

Want to join in and get your own E-QSL card? It's easy! Just send your reception report to rthworldservice@gmail.com. Not only will you receive a unique piece of Radio Thailand World Service memorabilia, but you'll also become part of our global community celebrating radio worldwide!

Thank you for tuning in, and here's to more memorable moments together!

Link: www.facebook.com/share/p/xw9Ui3q8sEDXfhyz/?mibextid=Nif5oz

(Yimber Gaviria, Colombia)

Log Info *(UTC)*

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_1031_1106.txt
Previous issue: https://www.w4uvh.net/ghlogs_2024_1024_1030.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 listener: http://lhu-dx-log.blogspot.com/
Rick, Finland: http://pirateradiolog.blogspot.com/
Irish Paul: https://irishpaulsradioblog.blogspot.com/

Log *(UT)*

2310	Nov 9	0928	// 4835, Shortwave Australia; Dave Stuart's SW station heard via Hunter Valley NSW, Australia remote SDR; DJ playing older pop songs and talking about the singers and songwriters (the Beatles - "Ob-La-Di, Ob-La-Da," etc.); fair reception; heard daily! (Ron Howard, Monterey, CA)
3325	Nov 6	1000	VOI (Channel One), via Palangkaraya. Thanks to Bryan Clark (NZ) for the alert that 3325 has recently been off the air; confirmed they were silent from 1000+. I had not been checking 3325, due to 4755 being heard so well. (Ron Howard, Monterey, CA)
3945	Nov 6	0935	Radio Vanuatu, via Rotorua, NZ remote SDR; fair. Nov 6, heard again on 3945, at 0817, via remote SDR at Napier, NZ. (Ron Howard, Monterey, CA)
3955	Nov 1	1844	Channel 292, Rohrdorf. E, pops, tks. 3 (CG)
3955	Oct 29	2000	KBS South Korea, German, good (FB)
3975	Oct 30	2200	Shortwave Radio, English, good (FB)
3985	Nov 8	1745	Eifeler Radiotage (Kall), German, fair (FB)
3995	Oct 30	2237	HCJB, Weenermoor. G, tks. 3 (CG)
4755	Nov 5	*1000-	Voice of Indonesia (Channel One), via Cimanggis/Jakarta, via Indonesian remote SDR; in English,with intro; 1002: News (celebration of good Indonesia/Russia relations, etc.); "International News" (India/Canada poor relations, etc.); "Today's Commentary" (environmental issues); distinctive patriotic song "Bagimu Negeri" [For You, Our Country]; 1015: "Today in History" (Nov 5) 1945 - Indonesian Marine Corp formed from the Army. 1946 - The Dutch and Indonesia drafted an agreement [online this was on 15th!].

1971 - Intel announced the Intel 4004, the world's first commercially available microprocessor.
Nov 6, VOI (4755): "Today in History" at 1314.
1908 - Death of Indonesian national hero, Cut Nyak Dhien.
2001 - International Day for Preventing the Exploitation of the Environment in War and Armed Conflict.
2007 - Saudi leader meets with the Pope at the Vatican.
(Ron Howard Monterey, CA) + 1914 by (Méndez)

4905	Nov 9	0700	"Xizang Radio and Television Station". Heard via remote SDR at Dimapur, India; time pips; intro to the English program "Hello Xizang"; fairly readable with some fading; news of the People's Liberation Army's (PLA) airborne activities, Chinese leader meets with Malaysian leader in Shanghai for China's International Import Expo, etc. (news story – https://english.www.gov.cn/news/202411/06/content_WS672aa4a0c6d0868f4e8ec9f6.html). My remote audio - https://app.box.com/s/nuei8jua1tx39k5e41rrwy5a7nj90xmk . (Ron Howard, Monterey, CA)
4940	Nov 2	0541	Estación 4940, religious comments & religious music. (Méndez)
4965	Nov 2	1742	Voice of Hope Africa, Lusaka, religious songs and comments, English. (Méndez)
4970	Nov 9	0918	Radio 567, heard via Hunter Valley NSW, Australia SDR; promo for safe driving; pop songs (The Everly Brothers - "Problems," Roy Orbison - "Pretty Woman," KC & The Sunshine Band - "That's The Way [I Like It]") and "Radio 5-6-7" IDs. Have also heard numerous IDs for "xrm.com" (https://xrn.com.au/). Also heard daily! (Ron Howard, Monterey, CA)
4985	Nov 3	0543	Radio Brasil Central, Goiania, Brazilian songs. Strong teletype QRM. // 11815. (Méndez)
5020	Nov 9	1707	SIBC. Yet another day with non-stop pop songs after their usual 1200*; heard via SDR remote at Rotorua, NZ. (Ron Howard, Monterey, CA)
5895	Nov 3	0557	Radio Northern Star, Bergen, pop and country. QRM from WWCR, The Overcomer Ministry on 5890. Strong fading, audible at times. (Méndez)
5900	Oct 29	1925	RTI Taiwan, German, poor (FB)
5935	Nov 6	1328	Shiokaze/Sea Breeze/JSR, 5935 (poor/Tibet QRM) // 7305 (fair), in English via remote SDR at Cha-AM, Thailand. (Ron Howard, Monterey, CA)
5939.8	Nov 3	0605	Voz Missionaria, Camboriú, religious comments. // 9665 and 11750. (Méndez) + (CG)
5955	Nov 3	0535	Radio Veronica, Westdorpe, pop, Dutch, comments. (Méndez)
5955	Oct 28	2232	Sunlite R, Westdorpe. Du, pops. 4 (CG)
5970	Nov 3	0538	Radio 208, Hvidovre, rock and pop, id. “Radio 208, Copenhagen, …”. (Méndez)
5985	Nov 5	1116-	Myanmar Radio, via remote SDR at Oita, Japan; fair. (Ron Howard, Monterey, CA)
5995	Nov 2	1845	Radio Mali, Bamaklo, African songs, at 1849 “English Magazine”, news and comments about Mali in English, at 1901 African songs. (Méndez)
6010	Nov 2	2040	Radio Inconfidencia, Belo Horizonte, Brazilian songs. (Méndez)
6020	Nov 3	0718	Radio Casanova, Dutch, comments, id. “Radio Casanova”, Dutch songs. (Méndez)
6030	Nov 2	1720	Radio Oromiya, Addis Ababa, Vernacular, comments, East African songs. (Méndez)
6050	Nov 3	*0556-	ELWA Radio, Mornovia, English, id, comments, religious songs. (Méndez)
6070	Nov 3	0741	CFRX, Toronto, comments. QRM from Channel 292 on the same frequency. (Méndez)
6100	Oct 24	1726	TWR Africa, Manzini Afro snx ... IS. Strong. (TB)
6140	Nov 3	0618	Radio Onda, Borculo, Brazilian songs, id. “Radio Onda”. (Méndez)
6150	Nov 3	0532	Radio Saturno, Belo Horizonte, Brazilian songs, program “Faixa Brazil”. (Méndez)
6170	Nov 3	0705	Radio Delta International, Elburg, music and comments in English, id. “Radio Delta International…” “Radio Delta goes DX”. (Méndez)
6180	Nov 3	0748	Radio Nacional da Amazonia, Brasilia, Brazilian songs, comments. // 11750 (Méndez)
6185	Nov 3	0701	Radio Educación, Ciudad de México, music. (Méndez)
7289.93	Nov 9	0918	RRI Nabire Pro 1, heard via remote SDR at Townsville, Queensland, Australia. Anomaly today with no music, instead seemed to be a non-stop political rally, for upcoming elections. (Ron Howard, Monterey, CA)
7390	Oct 27	1518	R. NZ Pacific, Rangitaiki. E, tks. 2 (CG)
9610	Oct 31	1930	AIR / Akashvani, French, fair (interference from 9615 kHz) (FB)
9635	Nov 3	0807	Radio Mali, Bamako, Vernacular, comments, African songs. (Méndez)
9665	Nov 1	2204	R. Voz Missionária, Camboriú SC. “A Voz do Brasil”. // 5939.802, 11749.894. 5 (CG)
9818.6	Nov 3	0548	Radio 9 de Julho, Sao Paulo, religious songs and comments, id. “Radio 9 de Julhio Católica”. (Méndez)
9960	Nov 8	0503	Radio Vanuatu, via remote SDR at Rotorua, NZ; In Bislama with the weather report ("strong wind warning," etc.); fair reception. (Ron Howard, Monterey, CA)

At 06:59 UTC, they switched to 3945 kHz. Both heard at fair level into Masset, BC. (73, Walt Salmaniv, Masset, CA)

11690	Nov 2	1527	Scandinavian Weekend Radio, Virrat, music, comments in Finnish and English, id. at 1600 “This is Scandinavian Weekend Radio…”. (Méndez)

11749.9	Nov 1	2206	R. Voz Missionária, Camboriú SC. Natl. nx magazine A Voz do Brasil. // 5939.802, 9665.045. 4 (CG)
11780	Nov 2	2001	Radio Nacional da Amazonia, Brazilian songs, comments. (Méndez)
11815	Nov 3	0551	Radio Brasil Central, Goiania, Brazilian songs, id. “Radio Brasil Central”, program “Madrugada Musical”. Distorted signal. (Méndez)
12015	Oct 29	1310	Vo Korea, language unknown, poor (FB)
12030	Oct 27	1144	R. Delta, Elburg. E, tks, pops. 3 (CG)
12060	Nov 2	1903	Radio Delta International, Elburg, English, comments, id. “Radio Delta”, “Radio Delta International”, pop and rock, “This is Delta Radio”. (Méndez)
12084.5	Nov 3	*1000-	Voice of Mongolia, Ulaanbaatar, interval signal, English, id, Mongolian songs. (Méndez)
15150	Oct 27	1400	WMLK, Bethel, PA noted with strong signal at this new time. Elder Jacob O. Meyer as always. (CB)
15700	Nov 2	1900	World Music R, Randers. Mx & songs. 3 (CG)
17675	Oct 29	2224	R. NZ Pacific, Rangitaiki. Tks. 1 (CG)
25800	Nov 2	1546	World Music Radio, Marslet, Latin American songs, id. “World Music Radio”, Andean song “Imillitay”, id. in Spanish. // 15700, 5930. (Méndez)

CLANDESTINE & TARGET BROADCASTING

3930	Nov 1	1842	Voice Of The People (cland.), Goyang. Kor to KRE, Korean songs. Jammed. // 3910 worse. 2 (CG)
4560	Nov 1	1846	Voice Of The People (cland.), Goyang. Kor to KRE, Korean songs. Jammed. 3 (CG)
7810.1	Nov 4	1912	Sound Of Hope R Int'l., unk. site. Mand to CHN, mx, tks. Meas. 7810.059. 1 (CG)
9119.9	Oct 29	2236	Sound Of Hope R Int'l., unk. site. Mand to CHN, tks. Meas. 9119.910. 2 (CG)
3480	Nov 2	1205	Voice of the People, via SDR remote at Oita, Japan on 3480 // 3910 // 3930 // 4450 // 4560 (good) // 6520 // 6600 (ex: 6599 & 6601). (Ron Howard Monterey, CA)
3985	Nov 2	1200	Echo of Hope - VOH, via SDR remote at Oita, Japan on 3985 // 4885 // 5995 // 6250 // 6350 (good) // 7720 (good). (Ron Howard Monterey, CA)
4900	Nov 5	1029	Surprised to hear loud QRN (white noise?) on the normally fair-good, clear reception of Voice of Strait, on 4900, from 1029+ UT, via various Asia/Pacific SDR remotes. Ron (Monterey, CA) - - - - via WORiog: It's DRM from someone. ID is 5B1 but I can't decode anything more from here in NZ. Cheers, Chris
6045	Nov 2	1210	Voice of Freedom, on 6045, via SDR remote at Oita, Japan, along with N. Korea super jamming; on June 4, I heard their first day here, after moving up from 5920; VOF has not changed frequency since then. The longest they have ever stayed on one frequency. Will they ever change back to 5920 again? (Ron Howard Monterey, CA)
7200	Nov 5	*1100-	National Unity Radio, via Oita, Japan remote SDR; was not jammed today by N. Korea. Nov 6, no NUR signal from Taiwan checking from 1230+, via various Asia/Pacific SDRs. Hiroshi noticed the same: "There are days when the 'Echo of Unification'[sic] broadcast heard on 7200 kHz is not available. It should be 1100-1258, but it hasn't come out on October 31 or November 6 today. From the reception situation, there is no doubt that it is sent from Taiwan." (Ron Howard, Monterey, CA)

VOLMET & UTILITY STATIONS

4316	Oc t27	2247	NMG New Orleans R, GA. Ocean wx. 1 (CG)
6230	Nov 1	1733	VMW Marine Weather Station, Wiluna WA. Wx warnings. QRM de CHN (p), not TWN. 2 (CG)
6507	Nov 1	1731	VMC Marine Weather Station, Charleville QLD. Wx warnings. 2 (CG)
6604	Nov 1	1755	VFG Gander Volmet, NL. Met rpt. 1 (CG)
6676	Oct 26	1800	VKA-930 Austr. Volmet, Alice Springs NT (?) Met rpt. Vy. faint. Better on // 11387. (CG)
6754	Oct 28	2310	CHR Trenton Volmet, ON. ID, met rpt. 3 (CG)
7906	Oct 27	2238	XVA Ca Mau R. Ocean wx. 1 (CG)
7906	Oct 28	2306	XVQ Hon Gai R. Ocean wx. 2 (CG)
8113	Nov 6	2232	VMW Marine Weather Station. Wx warnings. 1 (CG)
8176	Nov 2	1732	VMC Marine Weather Station, Charleville QLD. Wx warnings. 1 (CG)
8502	Nov 3	2239	NMG New Orleans R, GA. Ocean wx. 3 (CG)
8743	Nov 6	2243	HSW Bangkok Meteorological R. Music box IS, fqs. ann., ocean wx. 3 (CG)
8764	Nov 1	2217	NMN Chesapeake R, VA. Ocean wx. 4 (CG)
8828	Nov 2	*1850-	ZKAK Auckland Volmet. Met rpt. 1 (CG)
8828	Nov 3	1518	VRK Hong Kong Volmet. Met rpt. Vy. faint. 1 (CG)
10051	Nov 5	1924	VFG Gander Volmet. Met rpt. 3 (CG)
11387	Nov 1	*2200-	VKA-931 Australian Volmet. Met rpt. 1 (CG)

12356	Nov 3	1523	ZLM Taupo Maritime R. Ocean wx. 2 (CG)
12362	Nov 6	*2230-	VMW Marine Weather Station. Wx warnings. 2 (CG)
13089	Nov 6	2236	NMN Chesapeake R. Ocean wx. Better on // 8764. 3 (CG)
13089	Nov 6	2239	NMC Point Reyes R. Ocean wx. Audible after NMN Chesapeake R closed at 2239. 1 (CG)
13270	Nov 5	1926	VFG Gander Volmet. Met rpt, s/off ann. 4 (CG)
13282	Nov 3	1517*	VRK Hong Kong Volmet. Met rpt, s/off ann. 2 (CG)
13282	Nov 3	*1520-	ZKAK Auckland Volmet. ID, met rpt. 2 (CG)
15034	Nov 4	2234	CHR Trenton Volmet, ON. Met rpt. 3 (CG)
16531	Nov 2	2217	ZLM Taupo Maritime R, Taupo. Ocean wx. 2 (CG)
17314	Nov 3	2237	NMC Point Reyes R, CA. Ocean wx. 2 (CG)

Contributors to the log:

wb, Wolfgang Büschel, DF5SX, wwdxc BC-DX TopNews, DXLD, DXPlorer, A-DX	(CG)/(CGS), Carlos Gonçalves, Lissabon/SW Coast, Portugal
Glenn Hauser, Enid, OK, USA (also WOR/DXLD)	Manuel Méndez, Lugo, Spain
Ron Howard, Asilomar State Beach, Calif.	Walt Salmaniv, Masset, Canada via WOR
CB, Christer Brunström, Halmstad, Sweden	TB, Tomas Burian, Moravia, Czech Republic
	FB, Franz Bleeker, Germany

Station news

CHINA. 5050, Beibu Bay Radio, 1519-1522 UT, Nov 1; heard via remote SDR at Cha-Am, Thailand; "Let's start it, English Showtime," "One Word, One World" segment; today's program in English about "today's keyword is tourism industry in Beijing." My remote audio - https://app.box.com/s/l9guwpjcnnldypd8si4caxcqoujyzpej .
(Ron Howard Monterey, CA)

CUBA. [WOR] Radio Rebelde was still off air on 5025 kHz when I checked this morning (8 Nov) at 0430 UTC. But (listening on the Kiwi SDR in Bermuda) I could hear Rebelde on MW 1180 and 1620 kHz (with continuous Rod Stewart songs, a programme I've heard before on Rebelde). Stronger on 1620 kHz was Radio Bayamo, which is in the south east of the island, away from the provinces further west damaged by Hurricane Rafael.

UNE (Unión Eléctrica de Cuba) reported some power stations on the island back on line or starting-up last night. But the power infrastucture close to the path of the hurricane has suffered much damage (their Twitter/X page has photos of collapsed twisted pylons).

But power black outs were increasing in frequency and duration before this hurricane hit the island because of fuel shortages for the power stations - the total closure of the main power station on October 17th was because a ship with fuel oil was delayed because of previous hurricane Oscar. The ultimate cause of the fuel (and other) shortages on the island is of course the 60+ year economic, commercial and financial blockade imposed by the USA against Cuba. Once again at the end of October, the United Nations General Assembly passed a resolution calling for the end of the USA's embargo on Cuba by 187 votes to 2 (with 1 abstention).
(73 Alan Pennington)

Due to the effects of the hurricanes, Cuba is suffering a lack of electricity and got a blackout last night Nov 7.
Most of the Medium Wave stations are silent, including the usual SW 5025 kHz Radio Rebelde which was off last night and this morning.
It is probable that because lack of energy we just hear sporadic broadcasting services from now onwards.
(Jorge Garzón EA1FOV · EA1036SWL)
(via WOR)

FINLAND. [nordx] En KV-station har fått en licens i Finland, enligt Traficom via RHA i Haapavesi frekvens 7400 kHz, 50 W, för tiden: 1.11.2024-18.1.2025. Operatör: Riku Petteri Martinmäki.
(nordx)

FRANCE. **VORW Radio International**. As the program producer, this is something I've been meaning to do purely for the fun of it - especially considering that opportunities such as these will become fewer and fewer, as more relay stations rapidly close.
I have some exciting news about an upcoming weekly broadcast for listeners in Asia and beyond!
Beginning Monday the 11th of November, 2024 and continuing every Monday – my radio program will now be heard across the Asian Continent and beyond thanks to 250 kW of power from the transmitting facility in Issoudun, France. Using their ALLISS Antenna, this broadcast will be beamed East from France, blanketing Eastern Europe, the Middle East, Central Asia, South Asia, Southeast asia and Australia!

The broadcast is 1 hour in length and the aim of this radio show is to provide good music and news commentary to listeners worldwide. Oftentimes, listener music requests are taken and played – and all are invited to participate.
Here is the broadcast schedule for this new airing:

Mondays 1530 UTC – 17810 kHz – Issoudun 250 kW – Eastern Europe, Middle East, Asia, Australia

Reception reports (which will be verified with an E-QSL) and additional feedback are most welcome at vor-winfo@gmail.com
Tune in if you're interested and feel free to let me know how reception is for you!
All the best, John Jurasek (VORW Radio International.)
(via WOR)

USA. Med start den 27 oktober 2024 ändrade **WMLK Radio, Bethel, Pennsylvania**, sitt schema för sändningarna till Europa och Mellersta Östern:

12.00-17.00 UTC på 15150 kHz
17.30-22.30 UTC på 17525 kHz
23.00-04.00 UTC på 9275 kHz

Sändningarna kan höras från söndag till fredag. På programmet står predikningar av den sedan länge bortgångne Elder Jacob O. Meyer. WMLK drivs av Assemblies of Yahweh, en kristen sekt med bas i Bethel, PA
(Christer Brunström, SDXF)

Other radio news

Array Solutions & MFJ closing doors

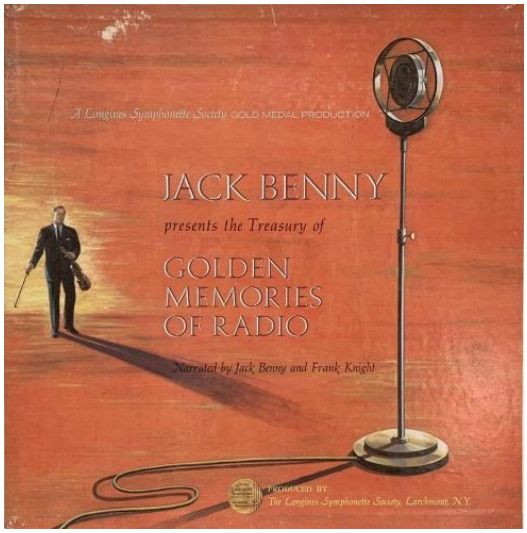
I sent an email to Array Solutions inquiring about a front end receiver protection device they produced and received an email from Jay Terleski that read, "I have retired and we're selling the remaining stock at Array Solutions."
If you were considering one of their products, you better hurry. https://www.arraysolutions.com/
(Wes, W3KW via QRZ.com)

Inrush current Limiter SCL3680

The 12V power supply on the WiFi socket has always been a problem for me. When will the relay go up in smoke due to the high inrush current? The "shock" of the transformer when switched on was considerable! Now the problem has been solved - with an inrush current limiter. The power supply no longer makes a sound, I had to make sure that it was still working!
Many thanks to Christoph DXer for this valuable tip!
https://www.reichelt.com/de/en/inrush-current-limiter-16-a-scl-3680-p361047.html
(Reinhard Weiss, A-DX Fernempfang)

JACK BENNY'S GOLDEN MEMORIES OF RADIO (1969)

https://archive.org/details/JackBennysGoldenMemoriesOfRadio



This is a 6-album boxed set from Longines Symphonette hosted by Jack Benny and Frank Knight. The material focuses mainly on the 30's and 40's. All tracks have been processed with noise reduction software for surface noise and clicks & pops. Subjects covered on the 6-album set include:

- Day Time Radio & Commercials
- The Great Radio Comedians
- Radio Adventure & Drama
- The Classic Radio News Broadcasts
- The March Toward WWII
- On-The-Spot Coverage of Sports! (the "!" is in the title, I didn't add that)
- Radio Reports WWII
- Great Moments of Humor & Pathos

(via WOR)

YOUTUBE: 1944 ON THE AIR (1944)

https://www.youtube.com/watch?v=19rYYBnDswk&ab_channel=Saturday%27sWorld

Pay homage to the infant days of radio with this radio documentary. With the convenience of USB microphones and laptops, we're quick to forget that broadcasting audio wireless was almost magical. Long before radio become mainstream, it was a hobby for some. No one dreamed that it would be in every home. This short film, from a well-used and scratchy original print, offers a fascinating look at the world of radio broadcasting from its beginning through 1944. Running Time: 23 minutes. (via WOR)

YOUTUBE: On the Air: The Story of Radio Broadcasting (1944)

https://www.youtube.com/watch?v=0xV3oAeMdmQ

Westinghouse film about commercial radio in the United States. We digitized and uploaded this film from the Prelinger Archive. Email us at footage@avgeeks.com if you have questions about the footage and are interested in using it in your project.
Westinghouse's key radio station- the first one to sign on "officially", in 1920- was KDKA in Pittsburgh. It's still on the air..... Today, the Westinghouse radio and TV stations are owned and operated by CBS, as the result of a merger in 1995. (TN)

[WOR] Donald Trump Has Threatened to Shut Down Broadcasters, But Can He?

"...[T]he President, if he deems it necessary in the interest of national security or defense, may suspend or amend, for such time as he may see fit, the rules and regulations applicable to any or all stations or devices capable of emitting electromagnetic radiations within the jurisdiction of the United States as prescribed by the Commission, and may cause the closing of any station for radio communication."
https://www.brookings.edu/articles/donald-trump-has-threatened-to-shut-down-broadcasters-but-can-he/

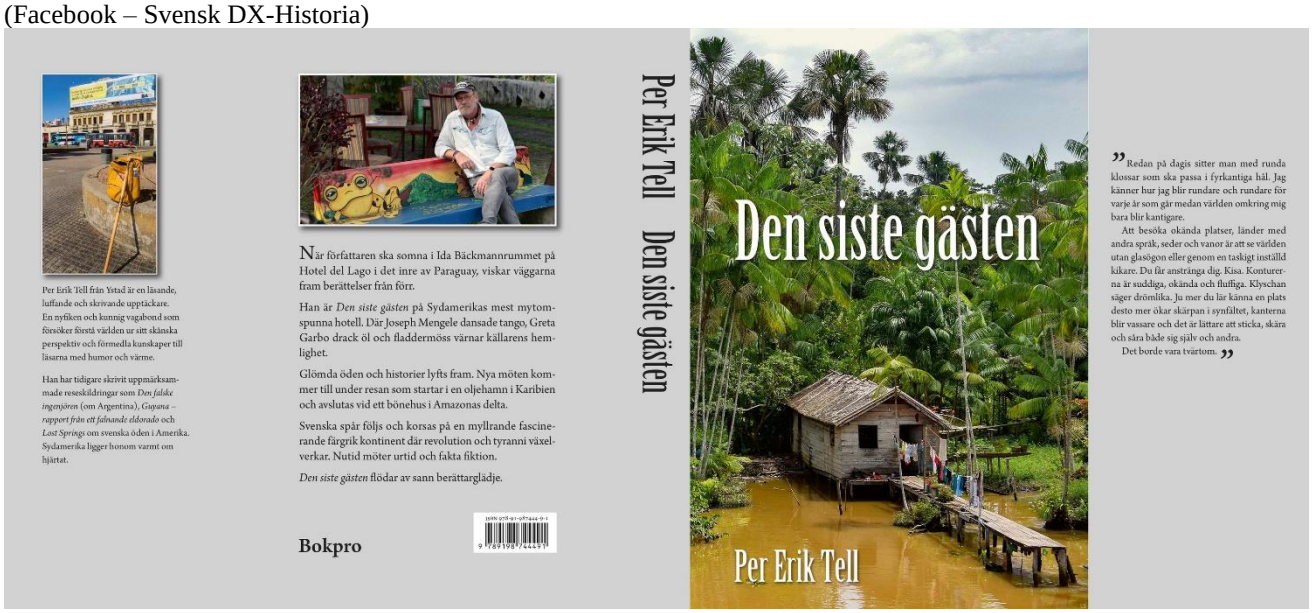
DX/SWL/MEDIA PROGRAMS & WORLD OF RADIO skeds updated

For the B24 and standard time seasons, with extensive changes:
http://www.worldofradio.com/radioskd.html
http://www.worldofradio.com/dxpgms.html
(73, Glenn Hauser via WOR)

DEN SISTE GÄSTEN, av Per Erik Tell

Kring 1 december kommer min bok om en resa i Sydamerika ut. Den har en del radioknutet material, Tack till RFK fick jag träffa Ron O'Quinn från Swinging Radio England, bl.a. och jag hamnade i direktsändning hos Radio Tacna i Perú, för att nämna något.

Är du intresserad av boken så hör av dig. Den kommer att kosta 280 kr + frakt om du köper den direkt av mig. Men den kommer också att finnas tillgänglig på Bokus m.fl. näthandlare och du kan beställa den i din lokala bokhandel. 73's PEP
(Facebook – Svensk DX-Historia)

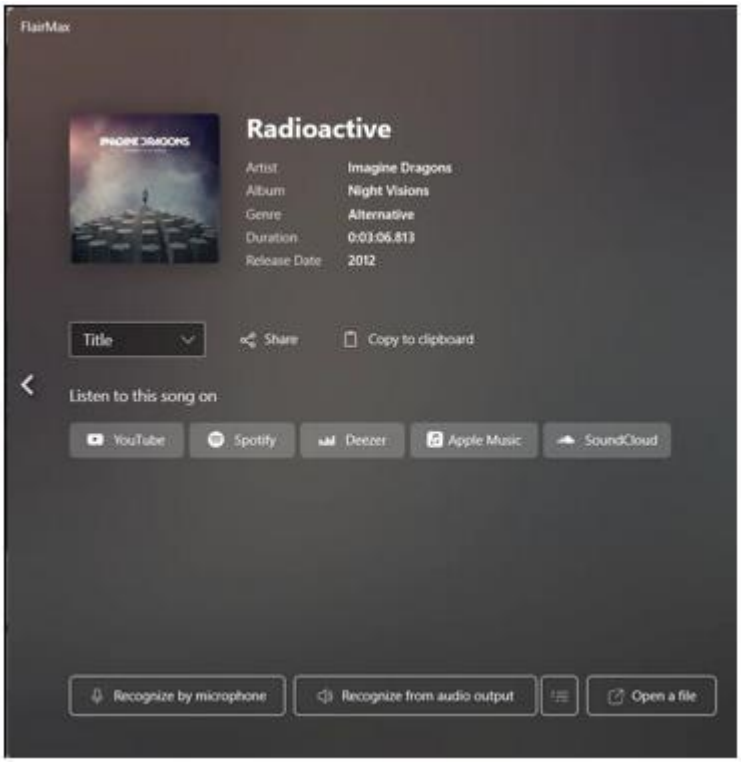


FlairMax: A Shazam Alternative for Windows

(Medium Wave News). Shazam is a free app that can be downloaded on to mobile devices using Android, iOS, macOS, Wear OS, watchOS.
It is extremely powerful and can recognise over 8 million songs. It can differentiate different versions of the same song; live versions, extended remixes etc.

But there was one big headache for DXers – there wasn't a PC based version Shazam. That made for strange situations where one had to hold up a mobile phone to a loudspeaker or take off headphones and hold them next to a mobile phone. Of course the description returned by Shazam was only on the phone. (from MWN)

FlairMax is a music recognition Windows app for PC that gives you some information on the recognized track like title, duration, genres, artist, release date, album, recognized part time offset, synced lyrics, music links and more...



It's an awful, awful feeling to hear a good song, but to have no readily available way to find out its name. Of course, some tunes are easier to find than others, but that still doesn't guarantee you'll find just the one you're looking for.

Using Shazam to find out a song's name is an established method most of us probably know of. **FlairMax** is a software solution that is able to recognize songs, either via microphone or audio output, as well as provide some nice-to-haves, such as quick links to the song's page on relevant streaming platforms and a lyrics feature, among other things.

The program worked well to find out the names of the songs I put on, and save for a few hiccups, the performance was generally consistent. While recognizing through your device's microphone heavily relies on its quality, the program uses Shazam core by default to recognize the title of your tunes, so that should alleviate some worries.

If Shazam isn't performing up to your standards, you should know that you can change the core to ACRCloud, which may be better in some cases. It does depend on the music you're trying to find the name of, however.

Once the song you're looking for has been recognized, a few details about it will be presented to you. The name of the song, its artist, genre, duration, and release date will be displayed, but you also get access to a series of quick links to the relevant streaming platforms that have the respective song in their database.

By way of Musixmatch integration, a *Lyrics* feature is available for all to use. Some songs may even have translated lyrics, and there's also a *Synced Lyrics* mode, which the program will use YouTube for. I found this to be rather unreliable. You can also preview songs, and if you're feeling up to it, even play the full track directly through the app. That worked pretty well during my testing.

My experience with FlairMax was positive, and as such, I wouldn't hesitate to use it to find my songs. The recognitions were mostly spot on, and as the tool is free to use, it's an easy recommendation.
https://www.softpedia.com/get/Multimedia/Audio/Other-AUDIO-Tools/FlairMax.shtml

Shortwave Guides

Comprehensive guides to shortwave broadcasts compiled by Tony Rogers. **Updated 28 October for the B24 schedules.**

- Africa on SW
- Asia on SW
- Europe on SW
- North America on SW
- South America on SW
- Middle East on SW
- Pacific on SW

See http://www.bdxc.org.uk/articles.html

Africa on SW October 2024 (B24). www.bdxc.org.uk/africa.pdf

Key highlights include:

1. New Shortwave Stations and Transmitters: Notable is Algeria's addition of two 300 kW transmitters at Ouargla and Béchar, broadcasting Ifrikya FM, an African-focused station transmitting in multiple languages.

2. Station Closures: The USAGM São Tomé transmitting station was decommissioned after operating since 1992. This marks a shift in available transmission sites for VOA and other broadcasters that used this facility.

3. Reactivations and Inactivity: Ethiopia's Radio Oromiya and Radio Ethiopia National Service show intermittent activity, while long-dormant stations like Radio Mali and Radio Kahuzi in the DRC are still off-air, with no reports of return.

4. Targeted Broadcasts and Humanitarian Efforts: Radio Ndarason Internationale and Radio Ergo continue broadcasting to the Lake Chad Basin and Somalia with programs aiming to promote peace and provide essential information to affected communities.

5. Frequency Adjustments: Some broadcasters, including BBC and Voice of America, have adjusted schedules and frequencies to optimize reach in specific regions across Africa.

(73 Yimber Gaviria)

Akashvani Leh, Ladakh

The two shortwave transmitters from the world's highest transmitter center (3500 m.), located in Leh, Ladakh, have been out of service for a while.

They were broadcasting on 6000 Khz during the day and 4760 KHz after 18:00 local. The two transmitters, a Harris and a NEC, lack spare parts and their stop is final. Installation of DRM transmitters is in consultation.

Here are some pictures of Leh Ladakh short wave installation along with Civil Defense log antenna and a Russian brand Indian army truck with impressive Yagi system. They are located close to the border between China and Pakistan, a sensitive and disputed place by the 3 countries. The last picture was taken at the world's highest average wave relay at 4180m at Nyoma 1Kw. Congratulations and a big thank you to our collaborator Ferdy De Martin who always thinks of Radio Magazine during his motorcycle expeditions around the world.

(From Asian DX-Review Nov. 24)

☑ Listening to the Radio Magazine October 2024.

Do you love radio as much as we do?"

Then you need to check out the latest issue of 'Listening to the Radio Magazine'!

"This issue opens with a spotlight on two cornerstone publications for enthusiasts and hobbyists: the **World Radio and TV Handbook** and the **Shortwave Frequency Guide**.

We delve into why these guides are treasured resources for radio listeners everywhere, each offering invaluable data and perspective. Let us know which is your go-to!".

Don't miss out! Click the link below to get your copy of 'Listening to the Radio Magazine October 2024'.

👇**Download** 👇 https://drive.google.com/file/d/1QTpOYd0yICsDVsPcFaSFG-pLOhT9UZEmW/view

Happy Listening! And Good DX.
(Yimber Gaviria, Colombia)

Bye to Adventist World Radio Relays on SW

Dr. Adrian M. Peterson with updates by Jose Jacob, VU2JOS

Adventist World Radio is one of the extensive media activities of the Seventh-day Adventist Church.

It was on Friday evening October 1, 1971, that the first SW broadcast from Adventist World Radio (AWR) was beamed towards Eastern Europe from a 250 kW Marconi transmitter at Radio Trans Europe in Sines Portugal. That was the beginnings that now historic introductory broadcast from what was then an important SW station that now no longer exists.

In that earlier era, there were three major units of AWR, though initially each facility was operating independently. AWR-Europe was inaugurated via the German Deutsche Welle relay station at Sines in Portugal back in 1971. The original AWR-Asia was on the air from the SW transmitters of the Sri Lanka Broadcasting Corporation at Ekala, a dozen miles north of Colombo, and it was officially recognized as an AWR unit five years later. Then in 1991, the AWR unit in Latin America procured the SW station at Cahuita in Costa Rica that was previously operated by the American government as Radio Impacto. We go way back, before the beginning.

Adventist SW Broadcasting: Before the Beginning

The earliest attempted foray into SW broadcasting on the part of the Seventh-day Adventist denomination occurred in March 1928 when John Fetzer lodged a request with the newly established Federal Radio Commission in Washington DC for a SW broadcasting license. It was Fetzer's intent to co-install a SW transmitter with his MW station WEMC at what is now Andrews University in Berrien Springs, Michigan. However Fetzer's SW request was denied, and subsequently he bought the medium wave WEMC and transferred it to Kalamazoo as WKZO. A dozen years later, Fetzer also participated in establishing another medium wave station, the 50 kW KXEL (1540 kHz) in Waterloo Iowa, a station that is often heard across the Pacific.

In 1942 the legendary Dr. H. M . S. Richards with his Voice of Prophecy radio program was on the air from APRS SWin the United States; and two years later (1944) the Australian version was heard from Radio Australia Shepparton in Victoria. Back during that era, other SW stations that carried similar Adventist programming were ETLF in Ethiopia, CR8A in Goa, SLBC in Colombo Ceylon, as well as several other SW stations in Asia and Latin America.

Adventist World Radio - Europe: The Beginning

During the year 1968 while they were living in Lahore Pakistan, our Wavescan DX editor Adrian Peterson was invited to serve as an informal adviser to fellow Australian Dr. Walter Scragg who was serving in international radio leadership at the global headquarters of the Adventist denomination in Washington DC. It was at this stage that serious planning was underway for establishing a coordinated global radio outreach on SW.

Three years later, the newly married Allen and Andrea Steele were transferred from specialized FM radio programming in Washington DC to Lisbon in Portugal to head up the inauguration of the new Adventist World Radio, a name that Adrian Peterson had suggested to Walter Scragg. After many weeks of coordination with the main production studios in Paris France and Darmstadt Germany, the time had come for the inaugural SW broadcast from the fledgling AWR, Friday evening October 1, 1971.

In preparation, Allen and Andrea had timed and co-ordinated all of the the programming for the first full week in a special studio of Radio Trans Europe on the top, 6th floor of an ornate residential building at 84 Rua Braamcamp in Lisbon. Then by car, they personally delivered the complete set of program tapes, now ready for broadcasting, to the Radio Trans Europe on air co-ordinating studio at Sesimbra, some twenty four miles south of Lisbon.

At Sesimbra, all programming was microwaved forty miles across Setubal Bay to the SW station which was located near the ocean on Monte Mudo Hill, close to Cape Sines. The inaugural AWR broadcast was in the Italian language and it began at 2015 UTC over Transmitter 3, a 250 kW Marconi transmitter at Radio Trans Europe on 9670 kHz.

Radio Trans Europe at Sines in Portugal was established under supervision from Deutsche Welle in Germany. The two original transmitters had been procured initially for installation in a new Deutsche Welle SW relay station in El Salvador in Central America. However when that project was cancelled due to lack of government approval, the two transmitters were instead diverted for installation at the new Deutsche Welle SW station near Sines in Portugal in 1 970s and 1980s. This station was closed in 2011.

Adventist World Radio - Asia

The first Adventist broadcasts on SWin Southern Asia were on the air from the original Radio Goa, beginning in April 1950. Six months later (October 1950), the same program relay was carried by Radio Ceylon from their SW station at Ekala, a dozen miles north of the national capital Colombo. A quarter of a century later (1975), the Peterson family was transferred from Colombo in Sri Lanka to Poona in India for the purpose of co-ordinating the Adventist media ministry in the twelve countries of the old British India. At that time, there were more than half a dozen programs in almost as many languages on the air SW from SLBC Ekala, most of which were produced in the radio studio at Salisbury Park in Poona (Pune) India. A year lateral! of the separate radio programming was organized into a combined unit, and on October 7, 1976, the head office in Washington DC gave formal recognition of the Poona based radio studio as an AWR unit, AWR-Asia. All of the AWR programming that was produced in the Poona studio was broadcast in Sri Lanka on SW. MW, and FM. The Ekala SWstation was closed in 2013.

Adventist World Radio - Latin America
Back in the earlier radio broadcasting era in Latin America, many medium wave stations also co-installed a SW transmitter with their MW unit. Likewise, several Adventist radio stations in Latin America also operated on SW, at least for many years. Back then for example, there was Union Radio (MW & SW) in Guatemala City; and Radio Amanecer in the Dominican Republic, and Radio Celendin in Peru; and Radio Alajuela in Costa Rica.

Under the leadership of David Gregory, the Radio Impacto SW station at Cahuita on the Caribbean coast was procured in 1991. With studios in Alajuela, the programming of AWR - Latin America in Spanish and English was carried over their five SW transmitters. However, eightyears later (1999), the Cahuita SW station was sold off to new owners, and then a couple of years later again, it was closed.

KSDA, Agat, Guam
Subsequent to the story of the AWR SW units that were established in Europe, Latin America and Southern Asia, the next AWR SW station was KSDA on the island of Guam, That station was built beginning in 1 985 at Facpi Point on the west coast of the island of Guam.

Under the administration of Dr. Allen Steele, who had previously established the first AWR unit in Portugal some 15 years earlier, four transmitters at 100 kW each were installed in Guam over a period of eight years, running from early 1987 to early 1995. The first two transmitters were Thomson units Model TRE2311P from Gennevilliers in France, and the additional two units were Continental Model 418E and 418F from Dallas, Texas in the United States. In addition, there were four curtain antennas, TCI Model 61 1 from Fremont in California, arranged in two pairs, together with one dummy load for test purposes.

Beginning in the year 2002, AWR began a modernization project at the Guam station, and five almost new transmitters were obtained from a silent government army station at Langefontein on the west coast of South Africa. The five SW transmitters from South Africa were originally manufactured by Thomson ABB, Model Number SK51C3-3P from continental Europe, and the first shipment, in 15 containers, arrived in Guam early in the year 2002. In subsequent shipment, the remaining equipment from South Africa arrived in Guam.

Under the capable administration of Chief Engineer Brook Powers, each of the older transmitters was taken out of service, carefully removed from its iocation within the transmitter building, and ultimately packed for shipping to another SW station overseas. The first transmitter removed from AWR Guam was the Continental KSDA3, and it was replaced by Langefontein Transmitter 2. This newly installed transmitter KSDA3 was inaugurated on September 26, 2002, and as part of the contractual agreement with Sentech in South Africa. The double process, removing an old transmitter and installing a new, was accomplished with limited down time. In this way, four old transmitters were removed and replaced by five almost new units. When all were totally installed, the fifth transmitter was maintained as a hot standby ready to replace any of the other on-air units, if needed.As each new transmitter was installed, the AWR office in Indianapolis offered QSL cards specifically identifying which transmitter was logged by the international radio monitor. Thus, it was possible for the dedicated listener to verify each of the five new transmitters by number during the nearly two-year period of installation, running from September 2002 up to mid-2004.

In early 2011, approval was granted for AWR to erect an additional fifth curtain antenna on the property at Facpi Point, and this would enable KSDA to be on the air with all five transmitters simultaneously. At a special rededication ceremony at the AWR SW station on Guam on Tuesday, September 3, 2013, AWR welcomed a group of international and local guests to mark the completion of this major expansion for the station. The modification of the existing four antenna systems and the installation of a large new curtain antenna has increased the transmission capability of SW station KSDA by approximately 25%. In 2023, the station's antennas suffered damage from Typhoon Mawar which were later repaired. It is true, all three of the original SW stations that were on the air with AWR programming have since been closed. Affiliated with AWR are 1,700 local AM, FM and SW stations in a host of different countries on all continents.

Updates by Jose Jacob:
The AWR programs consists of topics on Christianity, Health, Songs and DXing etc. These programs are recorded in various Adventist studioes located around the world. The one in India is located at Salisbury Park, Pune.

In A23, AWR used the following Relay stations on SW
1) Moosbrunn, Austria
2) Nauen, Germany
3) Talata Volonondry, Madagascar
4) Trincomallee, Sri Lanka
5) Taipei, Taiwan 6) WRMI USA
7) Tashkent, Uzbekistan

All the above came to a sudden halt on 26 Oct 2024 as AWR decided to discontinue SW broadcasts via Relay stations. Only broadcasts via their own station KSDA Agat Guam is there in B24 period starting on 27 Oct 2024. There are 5 transmitters of 100 kW and 5 antennas there.


Dr. Adrian M. Peterson

Dr. Adrian M. Peterson of DX Host of AWR broadcast the DX program Radio Monitors International in the past and later it was called Wavescan. It mainly deals with radio history and DX news. After his retirement last year, it is produced and broadcast by Jeff White (WRMI) and Ray Robinson (VOH). Several clubs / persons have issued QSLs for broadcast of their segments in RMI / Wavescan. Though Wavescan is currently not broadcast by KSDA, it is still broadcast by WRMI, WINB, WWCR, VOH Zambia and IRRS.

The DX Community is very thankful to Jeff White (WRMI) and Ray Robinson (VOH) for continuing with Wavescan programming.
Obiettivo DX was the popular and long-standing DX program in Italian on AWR broadcast on Sundays. Its last broadcast was on 20 Sept 2024 at 0900 on 9610 via Nauen, German AWR maintains its Monitoring Department at Alsbach, Germany and I had the opportunity to visit them. Mr. Giuseppe Cirillo (Pino) is the Frequency Engineer there.

AWR has been a good QSL verifier all these years and used to issue by Dr. Adrian Peterson and from their various offices around the world. I had the opportunity to work as QSL Secretary of AWR Asia under Dr. Adrian Peterson during late 1970s and early 1980s when he was stationed in Poona, India. Now a days QSLs are issued by email / post from only their Thailand office with email id qsl@awr.org
(From Asian DX-Review Nov. 24)

RSR200: Blackbox-Empfänger (“SDR”) für Betrieb mit PC-Software (HDSDR u. ä.).

From https://www.reuter-elektronik.de/html/neuigkeiten.html

Der RSR200 ist ein direkt digitalisierender Empfänger mit zwei ADC 16 Bit / 200 MHz. Die beiden ADC können vollkommen unabhängig die Signale von zwei HF-Eingängen 0 - 71 MHz verarbeiten und über zwei Schnittstellen an einen oder an 2 unterschiedliche PC weiterleiten. Zusätzlich ist ein VHF-Eingang 70 - 250 MHz vorhanden. Dessen Signal kann von Kanal 1 allein, oder von beiden Kanälen parallel verarbeitet werden.

Für die HF-Eingänge ist eine vielseitige gemeinsame Signalverarbeitung möglich:

- Parallelschaltung beider ADC an HF1 oder VHF: Erhöhung der Auflösung auf 17 Bit.
- Seriellschaltung beider ADC an HF1 oder VHF: Verdopplung der Abtastrate auf bis zu 400 MHz.
- Diversity-Betrieb von HF1 und HF2: Addition der Signale mit einstellbarer Amplitude und Phase (Funktion wie “QRM-Eliminator” u. ä.).
- Jeder Eingang besitzt eine interne Schaltmöglichkeit für die Fernspeisung von Vorverstärkern oder Aktiv-Antennen (HF1 und VHF gemeinsame Versorgung). Es können RLA4, RFA2 und RAP1 ferngespeist und vom PC aus ferngesteuert werden.

Beide ADC werden von einer gemeinsamen Taktquelle versorgt. Der Taktgenerator ist einstellbar von 100 - 200 MHz und kann von einem integrierten GPS-Empfänger auf bis zu 1 Hz Genauigkeit korrigiert werden.

Die digitalen Ausgangssignale der Kanäle können über 2 Schnittstellen ausgegeben werden:

- 1000 MBit LAN mit SFP-Steckplatz: Einsatz von SFP-Modulen für den Anschluss üblicher Patchkabel oder von Glasfaserleitungen.
- 2500 MBit USB 3.0 für USB-C-Kabel (voll belegt, Kabel kann beliebig herum eingesteckt werden).

Die beiden Schnittstellen können unabhängig voneinander betrieben werden (je ein Kanal auf eine Schnittstelle geschaltet), oder beide das Signal einer gemeinsamen Signalverarbeitung beider Kanäle ausgeben. Folgende Datenraten, Auflösungen und Bandbreiten sind maximal realisierbar:

- LAN (TCP/IP oder UDP/IP): 25 MS/s bei 16 Bit I/Q-Auflösung (ca. 21 MHz BW), 12,5 MS/s bei 24 Bit (ca. 10,5 MHz BW).
- USB: 100 MS/s bei 16 Bit I/Q-Auflösung (ca. 84 MHz BW), 50 MS/s bei 24 Bit (ca. 42 MHz BW).

Der USB-Anschluss besitzt einen Power Delivery Controller. Damit kann der RSR200 von PD-fähigen USB-Ports mit Strom versorgt werden (12 V / max. 12 W).

Der RSR200 ist in Version B als Prototyp im Endtest. Die Firmware ist noch in Entwicklung. Zur Verbindung mit der PC-Software wird eine Ext-IO.DLL mitgeliefert. Eine erste Kleinserie ist für Dezember 2024 geplant. Der Preis soll zur Geräteeinführung knapp unter 1000 € liegen. Vorabanfragen / -bestellungen werden gern entgegen genommen!

Hier noch eine kurze Info von Burkhard Reuter zum RSR200:
Eine komplette Windows-Software erstellen wir (zunächst) nicht. Das ist sehr aufwändig und da gibt es auch bessere Windows-Programmierer als mich (ich bin eher der Hardware- und hardwarenahe Software-Spezialist). Das Gerät lässt sich wie z. B. die einfachen RTL-Dongles u. ä. über eine Ext-IO.DLL von jeder Software ansprechen, die solche DLLs unterstützt (bekanntestes Beispiel ist HDSDR, damit testen wir auch).

Programme wie SDR Console benötigen eine definierte Einbindung der verwendeten Hardware in das Programm. Das kann nur der Ersteller dieser Programme tun. Zu Simon Brown hatte ich schon Kontakt, er will den RSR200 aufnehmen, sobald der zuverlässig mit HDSDR läuft (intern verwendet er ein ähnliches Konzept wie mit den Ext-IO.DLLs). (Marco Steiner via A-DX)

Technisch ist das war Reuter hier vorgestellt hat schon sehr spannend, 16Bit bzw. Erhöhung der Auflösung auf 17 Bit, Verdopplung der Taktfrequenz auf bis zu 400 MHz, 1 GBit SFP-Modul, usw, das ist für den angedachten Preis mal richtig interessant. (Christoph Ratzer via A-DX)

From RUS-DX #1314

I received an email from Sweden and remembered the 90s, when a printed newsletter was included. The Russian-language edition also included an appendix - the Radio Broadcasting Catalog with information on frequencies during the change of broadcasting seasons and information on service radio in aviation and maritime communications in Russia, which was compiled on the basis of various data, including help from readers. Much has changed since then.

The Internet has appeared, space communications and new types of communications are increasingly becoming commonplace and greetings from sailors from different parts of the world to their friends and relatives are rarely heard on the airwaves. But radio communications continue and the letter from Sweden is proof of this. I will be glad to receive your comments.

In addition to the subject of the letter - the site in Russian "Special radio systems. Radio communications radio monitoring" [https://www.radioscanner.ru/]. Forum in Russian "Marine and River Radio Communications" [https://www.radioscanner.ru/forum/37.html], Forum in Russian "Radio Signals"
[https://www.radioscanner.ru/forum/21.html], plus many different topics for discussion on other forums
[https://www.radioscanner.ru/forum/].

Goran Hardenmark, Sweden:
"Hello Anatoly,
How nice of you to respond to my email.
I have been a DX'er since 1992 but had a break from the hobby for some years but found my way back.

This summer I found another side of the hobby that was kind of new for me and that was the DSC and Navtex side.
As with all DX-ing it's very interesting making new contacts and logg new stations.

St. Petersburg Radio	Arkhangelsk Radio	Taganrog Radio
Murmansk Radio	Makhachkala Radio	Taman Radio
Kaliningrad Radio	MRCC Dikson	Yuzno Sakhalinsk Radio
Astrakhan Radio	Sabetta PT Ynao	

I found e-mails on the web but it seems very hard to get these stations verified. Don't know if they are not interested or if I don't get the emails to the correct persons that understand what it's all about.

Regarding the Russian NDB's they are quite well heard here but here I don't really know if there is a central Aviation Authority that will or can confirm the reports.

It would be very nice if you could help me in any way - perhaps there is another russian DX'er interested in the same type of DX.

I attach a very nice QSL-card received from Klaipeda Resceue Radio

Again Anatoly - thank you for any help.
And stay safe, All the best from Goran in Sweden."
(Anatoly Klepov, RUS-DX #1314)

Aziloop DF-72 Antenna System

The groundbreaking dual-mode, Stepped-Azimuth™ VLF to HF receive solution. Read the RadCom May 2024 review here (by kind permission of RSGB). (Also featured in Practical Wireless June 2024 Newsdesk section, p.6)

What is it?

Aziloop DF-72 is a dual-mode multi-directional antenna system for VLF to HF reception with features unequalled at this price point (or possibly anywhere):

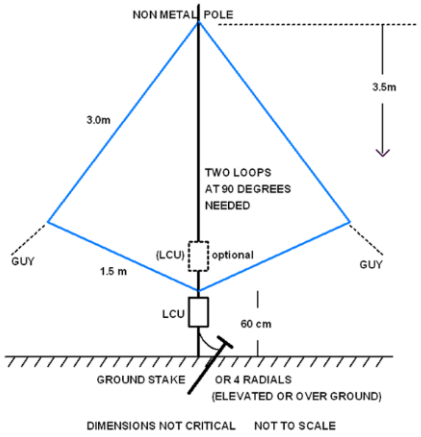
- Uses low visual impact, small footprint antenna comprising a pair of orthogonal loops plus an earth.
- Stepped-Azimuth technology for electronic rotation. The actual antenna remains stationary.
- Control everything from an intuitive Windows UI with selectable Local, Client or Server mode.
- Dual antenna modes. Switch between Loop mode and K9AY mode with mouse wheel or buttons.
- 108 antennas in one: 72 K9AY headings and 36 loop axes. Change with mouse in 60 ms.
- Switchable 18 dB preamp and a 4-step attenuator (0 - 18 dB) for up to 36 dB of level control.
- Four 7-pole preselection filters to give your receiver an easy time.
- Variable K9AY load. 250 Ω to 950 Ω in 50 Ω steps
- Two control/monitor ports for your own use or allocate one or both to PTT muting.
- Headless Remote control (no attached PC) via the controller's built-in Ethernet Server.
- Omni-Rig support for auto-filter, PTT muting and Rig-Sync (keep Rig A and Rig B in step)

The Antenna Unit

The Controller

Add a clean 13.8 V power supply, a Windows PC, and your own build of antenna, sized to give optimum performance for your use case and location.

Antenna:
Optimum size depends on target frequency range, site noise, and system noise (Single loop illustrated. A second identical one at 90 degrees completes the installation)



Many antenna arrangements are possible, and the size and shape aren't critical (within limits of course).

All you need is a supply of 24/.2 (24 strand, 0.2mm) insulated wire or similar, and a central non-metallic pole

You can use the standard K9AY shape and dimensions as a guide if you wish, or a scaled down version as below.
More info at: https://www.quietradio.co.uk/

Comments by Dale Parfitt in SWLing.com
You can read the features of the AziLoop on Dave's site. But the outstanding feature is rotating electrically every 5 degrees and 2 modes- small RX loop and K9AY. In K9AY mode I can achieve up to 30dB F/B and the rear null is very sharp. If it did not rotate in 5 degree increments, you would not even see the rear nulls.

But here is where it really stands out. The K9AY design, like the flags and Ewes, has a terminating resistance. By varying the value of that resistance via the AziLoop App, one can achieve skywave nulls. The value of that terminating resistance changes from day to night etc. So using that feature, I can often reduce co-channel or adjacent channel QRM or thunderstorm QRN. Small loops (aka magnetic loops) cannot do that. They are omnidirectional to skywaves.
(SWLing.com)

Tools for DXers - WavViewDX

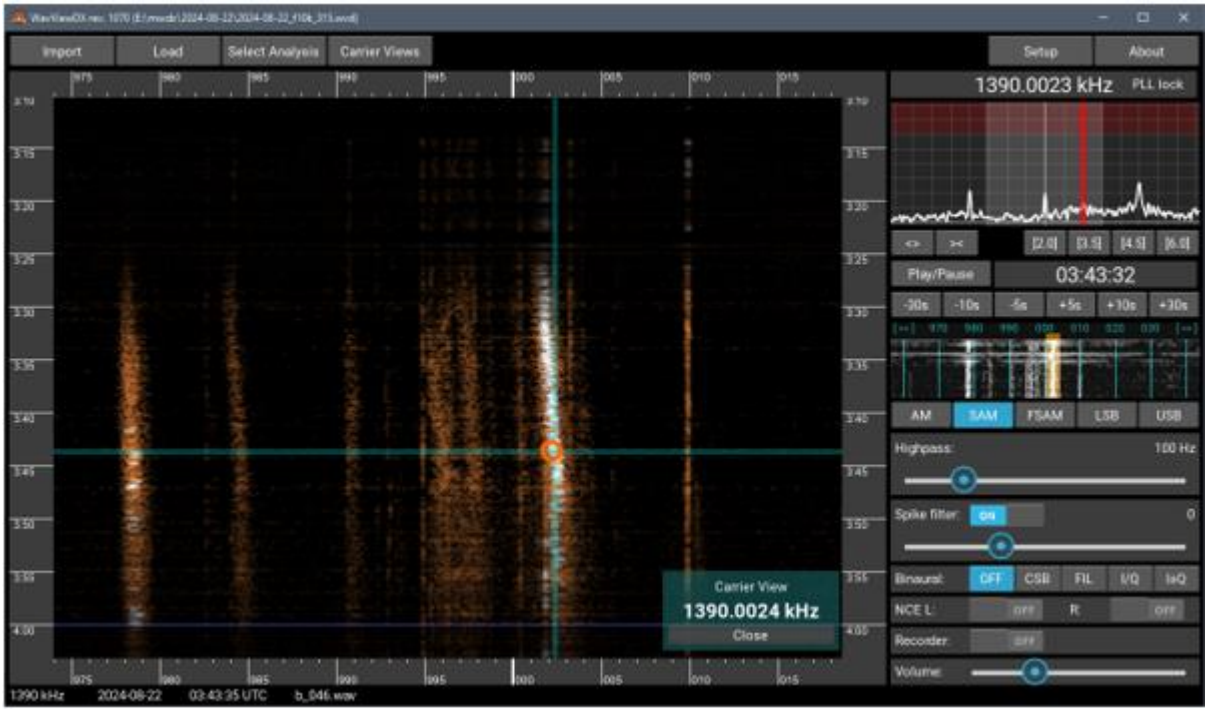
WavViewDX is a tool to browse through your SDR recordings (not intended for LIVE listening). It provides highly specialized analysis features for trans-atlantic medium wave DX (9 kHz and 10 kHz).
New: The algorithms for trans-atlantic medium wave DX have been ported to the shortwave bands.

For Perseus users:
- All modes support exact frequency measurement using reference carriers (e.g. from a GPSDO)
- Medium wave analysis support frequency calibration without reference carriers (accuracy about +/- 2Hz)

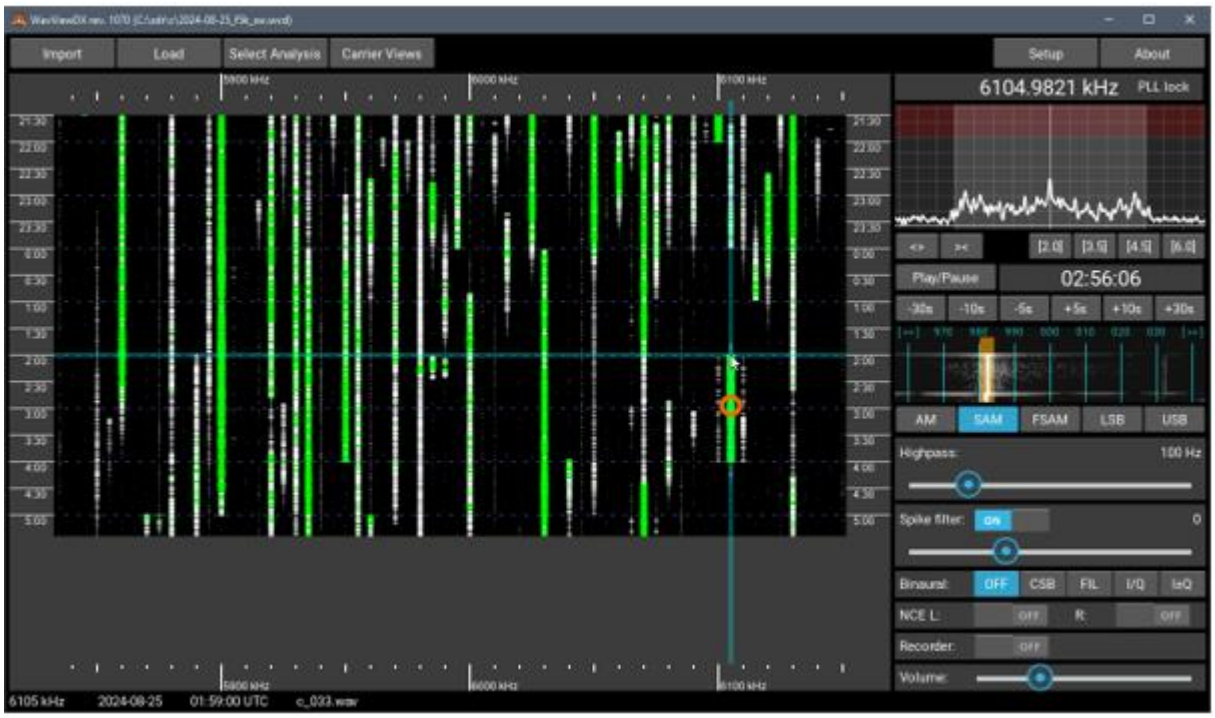
WavViewDX: Overview (left) and player right. The player offers AM and SSB demodulation, as well as a very stable Sync-AM demodulatior and a Sync-AM demodulator with manual center frequency setting, which can help a lot on crowded channels. The Binaural modes help to relax the ears and can give extra insight hidden in monaural mode. The neighbour channel eliminator (NCE) tries to supress neighbouring channels.

WavViewDX only works only on I/Q recordings, so you could either say it supports no SDR, or it supports all SDRs. So the recording needs to be made with a different software. I however strongly consider adding support for the upcoming Reuter RSR200, as this seems to be a worthy successor of the Perseus and doesn't come with its own software. The two ADCs of the RDR200 will allow for diversity reception, a feature I find very appealing to incorporate to WavViewDX, as it could greatly improve my DXing results.

The high-resolution carrier view gives every detail about the carriers on a channel. This picture shows a carrier view with 0.1 Hz resolution in frequency ans 10s time resolution:



Get more fun out of shortwave using the 5 kHz channel analysis:



More information: https://rweiss.de/dxer/tools.html

Download
WavViewDX for Windows
WavViewDX for Linux-amd64 (Beta, tar.gz)

Other operating systems could be supported on request. Please contact me!

Also check **WavViewDX** on groups.io

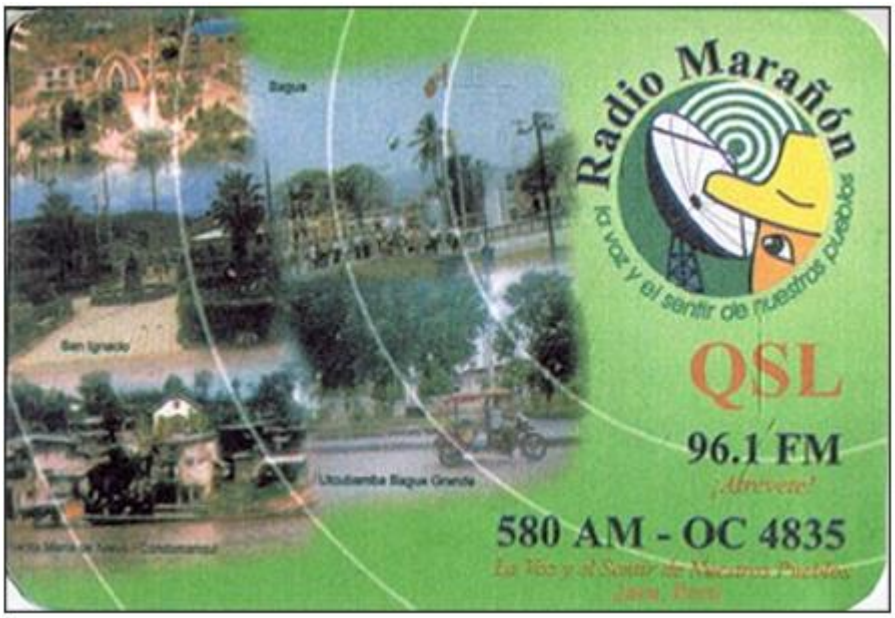
DX nostalgia by RFK

The future of shortwave broadcasting is a topic of much debate among radio enthusiasts and industry experts alike. As technology advances and the internet becomes increasingly prevalent, the question arises: will shortwave radio still have a place in the media landscape of the future? Shortwave radio has been a staple of international broadcasting since the early 20th century. Its ability to transmit signals over long distances, bypassing traditional borders and censorship, made it an invaluable tool for spreading information during times of conflict and political upheaval. However, in recent years, the rise of the internet and satellite communication has led many to question the relevance of shortwave radio in the modern age. The internet, with its vast array of streaming services and on-demand content, has become the go-to source for news and entertainment for millions of people worldwide.

One advantage that shortwave radio still holds over the internet is its ability to reach remote areas where internet infrastructure is lacking or non-existent. In developing countries and regions affected by natural disasters or conflict, shortwave radio can provide a vital lifeline, delivering critical information and support to those in need. Some appreciate the unique experience of listening to shortwave radio. The crackling static and distant voices, the sense of mystery and adventure as one tunes in to stations from around the world - these elements appeal to a certain breed of radio enthusiast who values the tangible, tactile nature of the medium. However, the number of dedicated shortwave listeners has been steadily declining over the years. As younger generations grow up in a world dominated by digital media, the appeal of shortwave radio may seem less relevant or accessible to them. There is also the issue of content. Many shortwave stations, particularly those operated by governments or political organizations, broadcast propaganda or one-sided information. This can lead to a lack of trust or interest from potential listeners seeking objective, balanced news sources.

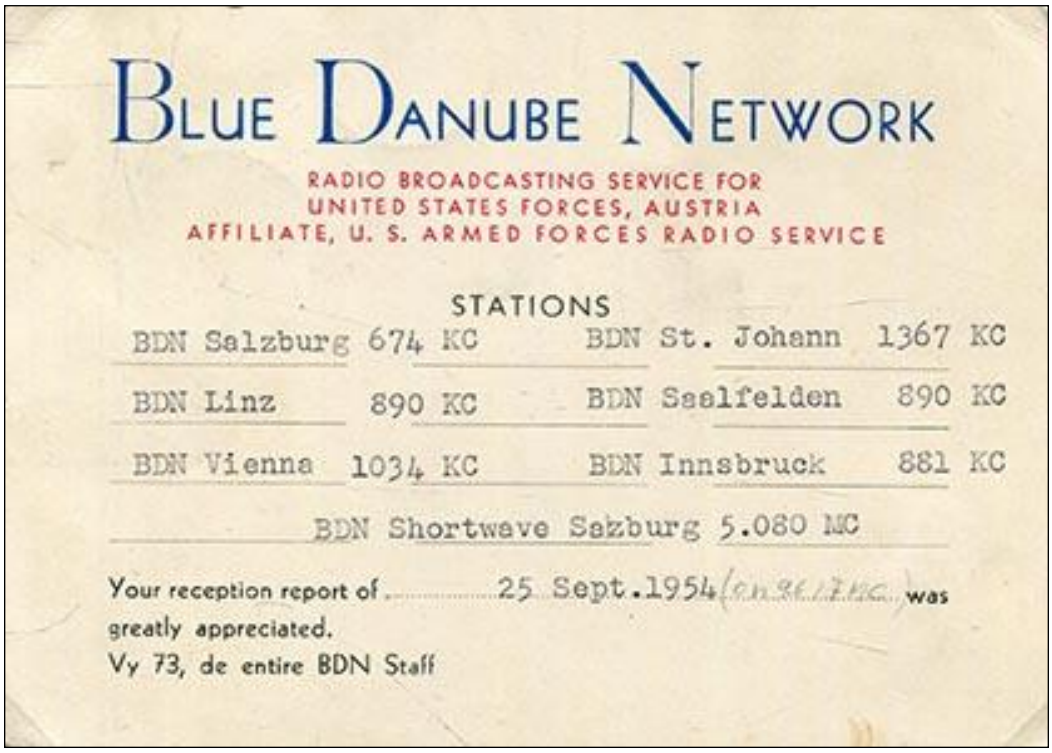
Despite these challenges, there are still those who believe in the future of shortwave radio. Some argue that its unique ability to circumvent censorship and reach remote audiences will always give it a place in the media mix. Others point to the resurgence of interest in vintage technology and the nostalgia factor as potential drivers of growth for the medium. Ultimately, the future of shortwave radio is likely to be determined by the evolving needs and preferences of its audience. If it can adapt to changing technologies and find new ways to engage listeners, particularly in regions where other forms of media are limited or restricted, it may yet have a role to play in the decades to come. But for now, shortwave radio remains a niche medium, beloved by a small but devoted group of enthusiasts. Whether it will survive as more than a historical curiosity in the face of ever-advancing digital technology remains to be seen. Is maybe nostalgia the future of shortwave radio?

First out today a QSL card from Peruvian station Radio Marañon 4835 kHz received by JE, Jan Edh.



This postcard somehow expresses a lot of the atmosphere connected with the radio hobby: a snowy landscape while the DXer is indoors, twiddling the dials of the receiver. On the back of the card LR, Lars Rydén thanks BE, Bengt Ericson for “a fairly correct report” of the DX programme of January 19, 1957, broadcast by IBRA Radio of Tangier on 33 metres. No mention of who arranged this broadcast but it was most probably some DX club.

BD, Bengt Dalhammar received this QSL card for his reception report of the Blue Danube Network on 9617 kHz in 1954. The station was operated by the USFA (United States Forces in Austria). If you want to know more about this network do check out https://bluedanubenetwork.at/en/this-is-the-blue-danube-network/ There are even some recordings from the BDN here.


BLUE DANUBE NETWORK

RADIO BROADCASTING SERVICE FOR
UNITED STATES FORCES, AUSTRIA
AFFILIATE, U. S. ARMED FORCES RADIO SERVICE

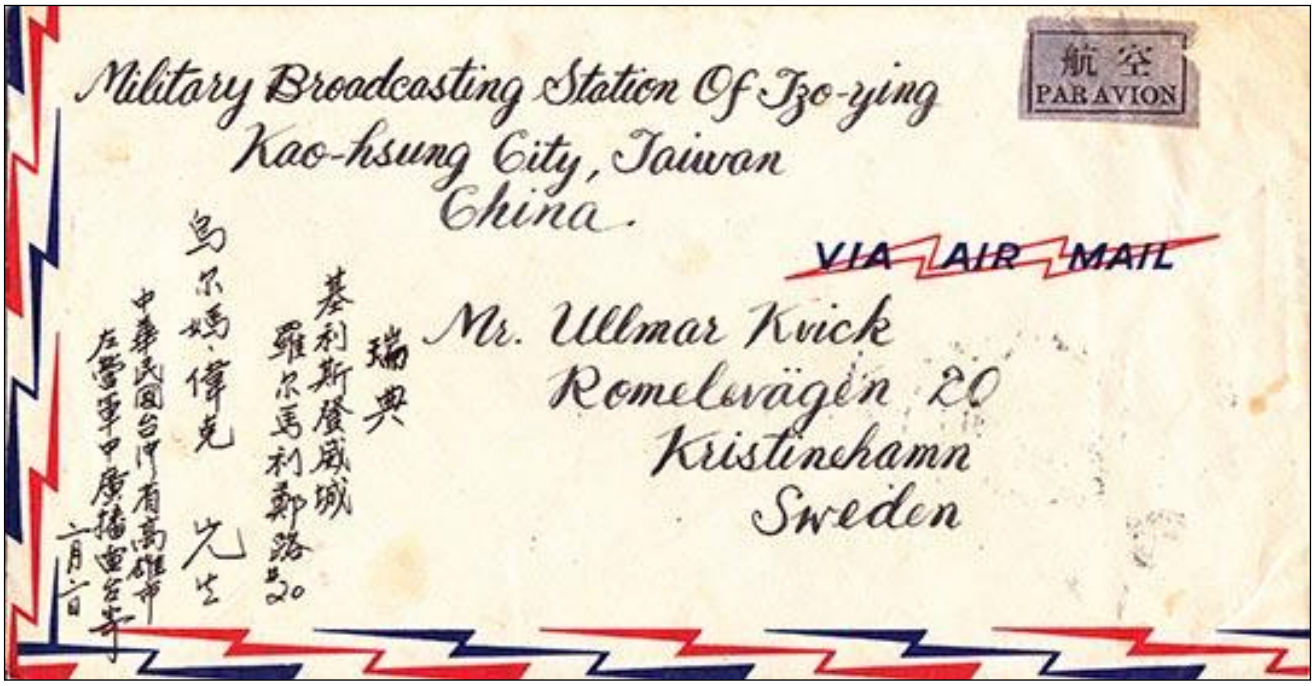
STATIONS

BDN Salzburg	674 KC	BDN St. Johann	1367 KC
BDN Linz	890 KC	BDN Saalfelden	890 KC
BDN Vienna	1034 KC	BDN Innsbruck	881 KC

BDN Shortwave Salzburg 5.080 MC

Your reception report of 25 Sept. 1954 (on 9617 KC) was greatly appreciated.
Vy 73, de entire BDN Staff

Indeed a neatly addressed envelope. I can imagine UQ, Ullmar Quick was happy to receive it in 1952 as it contained a verification letter from the Military Broadcasting Station of Izo-ying, reported on 9950 kHz. The envelope was scanned by John Ekwall JOE.



To conclude this nostalgia column let's have a look at a QSL folder which LR, Lars Rydén received as confirmation of his reception report to CR6RZ Radio Angola of December 30, 1955.

Contributions to DX nostalgia are always welcome. Please mail me at info@rock.x.se .Take care and stay safe, 73 & GOOD DX!