

# SHORTWAVE BULLETIN

Issue no. 2002, May 15, 2022

Deadline e-mail next issue: 0800 UTC, May 29, 2022

Time again for a new fresh issue of SWB.

As you can see further on Tropical Bands Monitor is a sad reading.

Only very few stations left compared to the situation years ago.

The rare stations from Latin America and Asia are all almost gone and replaced by Clandestine and religious stations. That's one reason I do not switch to SW anymore.

So what is left when trying to compile something interesting for you?

I try to check a lot of web pages searching for interesting information as I know that some of you do not pay attention for that and appreciate finding it in one place.

We will also continue to be nostalgic. Ronny Forslund does an excellent job scanning verifications from old collections.

So if you have something interesting, just drop me a line with your material.

Keep on ....

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**R e d a k t i o n :**

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## SWB-info

SWB on HCDX: <http://www.hard-core-dx.com/swb>

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.

**RIP - Kaj Bredahl Jørgensen – BDXC 2497**

**Anker Petersen** writes: Dear DX-friends. It is with great sorrow, I inform you, that on this Good Friday my very good friend through 70 years KAJ BREDAHL JØRGENSEN passed away quietly in his new home, 81 years old. Two days before he was healthy and had a 4 km long walk.

Kaj was an active DX-er all his life. He joined the Danish Shortwave Club International (DSWCI) in 1958 as member number 93. Later as member of the DSWCI Board he became Editor two times of the monthly Club bulletin "Shortwave News" for a total period of 38½ years !!!

In June 1967 he chaired the EDXC Foundation Meeting in my home with DX-ers from six European countries. He later participated with his wife Else in most of the annual EDXC conferences.

In 1967 Kai also was one of the producers of the weekly programme "DX-Window" from Radio Denmark Shortwave for more than two years.

May he rest in peace.

Anker Petersen, Former Chairman of the DSWCI, ([WOR] BDXC-UK Communication items, May)

**John Ekwall** sends a copy of a mail to our friend Nils Olsson who lives in Uberlandia regarding a special programme made for Shortwave Bulletin which was aired in June 30, 1973 from **Rádio Educadora de Uberlandia** on 3295 kHz.

*You must know that it will soon have been 50 years since you moved to Uberlandia?! I came to think of that when I found a cassette in my tape archive. The label said "Pop Top Discoteca" so I had to listen through the tape. It turned out to be the special transmission you and Luzia did for SWB over R Educadora that took place on June 30, 1973. I had to check in the old issues of SWB if anyone heard the transmission. Unfortunately none logged the station and that was because R Cultura Sergipe had occupied the 3295 frequency a month earlier.*

*The reason I found that cassette was because I listen through all my old cassettes before they are thrown away. If I find something interesting, pieces are digitized and posted on the website [joesweden.info/radio](http://joesweden.info/radio). There will be snippets from this transmission on June 30 or even maybe the whole program.*

Here is the direct link to the entire broadcast: [http://joesweden.info/radio/R%20Educ%20Uberlandia/reduc-uberlandia\\_swbpx.mp3](http://joesweden.info/radio/R%20Educ%20Uberlandia/reduc-uberlandia_swbpx.mp3)



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

The latest ones direct: [https://www.w4uvh.net/ghlogs\\_2022\\_0428\\_0504.txt](https://www.w4uvh.net/ghlogs_2022_0428_0504.txt)

Previous issue: [https://www.w4uvh.net/ghlogs\\_2022\\_0421\\_0427.txt](https://www.w4uvh.net/ghlogs_2022_0421_0427.txt)

### Important log links:

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

**SWLIDX Bulgaria News:** <https://groups.io/g/WOR/messages>

**WORLDWIDE DX CLUB Top News:** <https://www.wwdxc.de/topnews.shtml>

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

**Liangas:** <https://zliangaslogs.wordpress.com/2022/>

3310	May10	2248	R.Mosoj Chaski, Cochabamba. Quechua, tks, songs. 2 (CGS)
3325	May5	2130	RRI, Palangkaraya. Tks, songs. 2 (CGS)
3910	May8	2034	Voice Of The People (cland.), Goyang. Kor to KRE, tks. Jammed. 1 (CGS)
3930	May8	2036	Voice Of The People (cland.), Goyang. Kor to KRE, tks. Jammed. 1 (CGS)
3955	May12	-2125*	Channel 292, Rohrbach English conversation, abrupt s/off (AP-DNK) + May6, 2134 (CGS)
3975	May12	2115	Shortwave R, Winsen English ann, ID, English pop songs (AP-DNK) + May10, 2041 (CGS)
3990	May7	2228	R.Echo of Hope (cland.) (p), Gyengi-do. Tks. If not KOR, then surely CHN. 1 (CGS)
3995	May5	2345	HCJB, Weenermoor. Ukrainian ann and hymns, phone number and address in Germany (New broadcast) // 5920 (CW QRM)_(AP-DNK) + May4, 2045 (CGS)
3995	May7	0105	Non-stop German hymns. New broadcast replacing LifeFM (AP-DNK)
4750	May3	1843	Bangladesh Betar, Shavar. E, tks. 3 (CGS)
4752	May13	2259	R. Huanta 2000, Peru, Huanta; pop music, male talks, female, ads. Poor, unreadable, deteriorating (LOB-B).
4765	May6	0005	Tajik R 1, Yangiyul. Tajik conversation with heavy noise QRM (AP-DNK)
4800	May12	2130	Voice of China, Golmud. Chinese talk // 6000, 6080, 6125, 7215 (QRM whistling tone), 7230 and 11710 (AP-DNK)
4810	May10	0937	R. Logos, Peru, San Martin; long local music selections, at 0949 short male ID "...Radio Logos...estación sen fronteras...", return of music (as can be hear in recording which link is below). Fair, deteriorating over the listening. On May 12 at 0940 sign on with local music selections, at 0947 Spanish announcements, Fair to good, partially readable; morning signal strong enough to block Stanag, deteriorating over the listening. It's not every morning they sign on too early like on May 12 (0440 local time). On May 13 0940 Spanish talks "bienvenidos y bienvenidas a levantar...con poder del Diós...ouvir-nos en diferentes lugares en viernes 13". Fair to good, deteriorating over the listening (LOB-B).
4840	May6	0010	WWCR, Nashville, TN English religious talk (AP-DNK)
4890	May12	2045	R.Echo of Hope (cland.), Nowong-gu. Kor to KRE, mx. 1 (CGS)
4885.06	May12	2145	R Clube do Pará, Belém, PA talk (AP-DNK) + May6, 2132 (CGS)
4965	May10	2033	Voice Of Hope, Makeni Ranch. E, songs, rlgs. propag. 3 (CGS)
4980	May6	0025	WRMI, Okeechobee, FL English religious talk (AP-DNK)
5020	May8	1800	Die Solomon Island Broadcasting Corporation ist heute bereits nach 18.00 UT mit der Übernahme des lokalen Wantok FM Programms auf 5020 kHz in Salzburg zu hören. Ein seltener Fang im Mai! (Christoph Rutzer) + May7, 1048 (Liangas)
5025	May6	0030	R Rebelde, Bauta Spanish talk about culture on Cuba CWQRM (AP-DNK)
5035	May7		Unique radio heard better in Rotorua at S5 but not in Hawera. kSDRs in E Australia and NZL (Liangas)
5040	May6	0035	R Habana Cuba, Bauta Spanish (English was scheduled in WRTH 22) (AP-DNK)
5045	May7	1042	Island FM again in the band with hot songs of the past. In Rotorua but suffers from under-runs. 1042 with ID Island FM. kSDRs in E Australia and NZL (Liangas)
5055	May7	1042	4KZ with old time songs, 80s-90s great program, S9 in hawera at 1042. kSDRs in E Australia and NZL (Liangas)
5915	May9	2200	ZNBC-R. 1, Lusaka. Vn, Afr. songs, tks. 3 (CGS) + (Méndez)
5920	May12	2150	HCJB, Weenermoor. German religious talk, hymn // 3995. New schedule (AP-DNK)
5930	Apr29	1735	World Music R, Bramming. Brazilian songs, ID. QRM whistling tone // 927 reactivated. (AP-DNK) + May12, 2043 (CGS)

5995	Apr30	1846	Radio Mali, Bamako, African songs, Vernacular, comments, at 1856 "English Magazine", news and comments about Mali in English. F. (Méndez)
6010	May5	2136	R.Inconfidência, Belo Horizonte MG. Nx. // 15189.970. 2 (CGS)
6015	Apr30	-1800*	PSB Xinjiang, Urumqui, Kazakh, comments, Chinese and Kazakh songs, time signals and close. F. (Méndez)
6050	May6	0045	Vozandes Media, Pichincha Waorani religious talk (AP-DNK)
6055	Apr16	1225	OZ-Viola, Hillerød, via groundwave English ann, pop music (AP-DNK)
6070	May4	0754	CFRX, Toronto ON. CFRB relay, E, tks. 1 (CGS) + May1, 0413 (Méndez)
6080	May5	2134	R.Marumby, Curitiba PR. Rlgs. propag. QRM de CHN. 2 (CGS)
6090	May8	1740	Voice Of Amhara State, Geja Jawe. Vn, HoA songs. 3 (CGS)
6140	Apr30	1655	Radio Onda, Borculo, songs, music, id. in French "Ici Radio Onda", song "I Only Want to Be with You" by Dusty Springfield. F. (Méndez)
6160	Apr30	1733	Shortwave Radio de., Winsen, pop songs and comments in English, id. "Shortwave Radio". F. (Méndez)
6185	May1	0438	Radio Educación, Ciudad de México, songs in Spanish, classical music. W. (Méndez)
6250	May10	2037	R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. Adj. uty. QRM. 3 (CGS)
6255	May9	1909	R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. 3 (CGS)
6348	May2	1903	R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. 2 (CG)
6370.1	May12	2031	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 1 (CGS)
6520	May6	2136	Voice Of The People (cland.), Goyang. Kor to KRE, tks. Jammed. 2 (CGS)
7110	May8	1738	R.Ethiopia, Geja Jawe. Vn, tks, songs. 3 (CGS) + May1, 0403 (Méndez)
7254.9	May8	0615	Voice of Nigeria, Abuja Lugbe, Vernacular, comments, mentioned "Nigeria". W (Méndez)
7810.1	May1	2100	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 1 (CG)
9095	May1	2051	R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks, nx at 2100. 3 (CG)
9105	May10	1727	E o Hope seems having some QRM from a poor STANAG 4625 type signal (Liangas)
9255	May10	1724	CNRwith talks then adverts High Signal at -65dbm jamming one except a Stanag signal! (Liangas)
9440	May10	2135	Cairo in English with garbled modulation and hum but audio is quite understandable – only using headphones! (Liangas)
9550.1	May11	2040	R.Boa Vontade, Pt.º Alegre RS. Rlgs. propag., mx. // 11895.274, 2 (CGS) + (Méndez & Liangas)
9667.1	May12	2037	R.Voz Missionária, Camboriú SC. Rlgs. propag., mx background, songs. // 5938.580. 3 (CGS) + May11, 1551 (Liangas)
9670	May8	1743	R.Noordzee (HOL) via Channel 292, Rohrdorf. E, chatter, mx. 3 (CGS)
9675	May7	2033	BKS SA /RSInt'l in indo with qur'anic program mixing original Quran with indo translation . 2055 off. (Liangas)
9700	May8	1001	R.NZPacific, Rangitaiki. E, nx, 3 (CGS)
9730	May10	2147	VoVietnam English program, accomodations in VV. (Liangas)
11620	May13	1529	V of Martyrs Korea, Maldives service in Dhivehi, runs a bit late so s/off in English not until 1530.0, overlapping Vatican in Arabic until about 1530.4. Into S India SDR, was S9+10/20 from secret site, then VR weaker at S7/S9 and noisy. ``Dhivehi is an Indo-Aryan language derived from the Sinhalese language of Sri Lanka. Despite the countries' close proximity to one another, Maldivians and Sri Lankans do not always understand each other.`` - Wikipedia? (Glenn Hauser, OK, WOR)
11665	May13	0913	Wai FM via RTM, Kajang. Tks, songs. 2 (CGS)
11780	Apr30	2002	Radio Nacional da Amazonia, Brasilia, id. "Radio Nacional da Amazonia... Empresa Brasil de Comunicação", Brazilian songs, comments, id. Radio Brasil Central. F. (Méndez)
11815.1	May8	1802	R.Brasil Central, Goiânia GO. Songs. Improving. Adj. QRM. 2 (CGS) + (Méndez)
11855	Apr25	1125	KSDA, Agat. Heard on 25/4 with CC talk then music before a sudden s/off at 1130. Reception was good until then when there was an EE ID and the programme continued with shocking audio and an EE talk that was too garbled to follow! Unusual because the programme was scheduled 1100–1200 in CC (Dennis Allen, Milperra NSW via [WOR] Australian DX News items, May)
11875	May1	0807	KNLS, Anchor Point, 0807, May01, Chinese, comments. W. (Méndez)
13580	May14	1742	I simultaneously recorded 4750 and 13580 kHz today (14 May) using the U. Twente SDR receiver. Bangladesh Betar heard weakly initially with IS starting about 17:42 UTC. Improved a bit during the following hour or so. BBC WS came up on 13580 kHz with a fair signal at about 18:00 UTC with the football match in progress. No announcement and no news as is usual. Caught part of it in the car via SiriusXM while driving to the supermarket. It sounded like the game ended just before 19:00 UTC and there was a BBC WS ID and program promo before the transmitter went QRT (no, that doesn't mean quote re-tweet). (Richard Langley via WOR)

15475.98 May14 1435 RCUSB, LRA36 is due for another Saturday broadcast from 1500, so I start tuning Brazilian SDRs at 1435 - nothing yet; but at 1452 I'm getting some modulation, best but only S3/S4 into Campo, while the other three in Brazil get little or nothing. 1500 promptly official sign-on, multilingual canned in Spanish, German, English, Russian and maybe one other. 1502 the Antartida song. 1505 some historical talk about Patagonia. 1511 contact info. 1512 I switch to the LU4 SDR in Argentina which is getting it a bit better, during song. 1518 talk about the Malvinas war, 1521 interview on phone about ham radio involvement there --- ah, the nostalgia! for April 1982. 1534 song, 1537 more about hams, but 1539\* abruptly chopped off the air and no return by 1600 as I let it play. It seems this is their `normal` closing routine, maybe involuntarily. The repeats at 1800 Saturdays are supposed to start in June. But just in case, I re-check today at 1852: No.

BTW, a May 7 article on <https://www.facebook.com/Radiosdumonde/> about LRA36 claims, ``C'était la première et unique station officielle au monde située en Antarctique``. Presumably written by the FB site's owner, tho never signed, Michel Frémy in Belgium. Nor does he attribute his sources, but that info is a BIG LIE, probably propagated by LRA36 and/or R Nacional in Argentina themselves. If it began in 1979 as claimed, another ``official`` Antarctic SW station had been going already for five years, from 1974, American Forces Antarctic Network, which many of us DXed on 6012 kHz --- and even before that on MW. And another contradixion about the FM frequency at Esperanza: 97.6, while WRTH shows 96.7. More likely correct is whichever the Antarcicans axually announce. That item also linx to a 3-minute 2021y audiovideo from Argentina about LRA36; all the garble caused by accents: good luck. <https://www.facebook.com/Radiosdumonde/videos/la-radio-%C3%A0-40-sous-z%C3%A9ro-lra-36/722874645696585/> (Glenn Hauser, OK, WOR)

15700 Apr30 1632 World Music Radio, Randers, pop songs in English, Latin American songs, id. "World Music Radio". F. (Méndez)

15720 May3 2200 R.NZPacific, Rangitaiki. E, nx. 2 (CGS)

17870 May11 1526 Dimtse Woyane mixed with jammer QRM. Also heard in 17800 for very short time before 1730 with carrier on around 1 minute of content then s off . BTW on 15830 Farda signed off 1530. (Liangas)

### Contributors to the log:

wb, Wolfgang Büschel, df5sx, wwdxc BC-DX TopNews, DXLD, DXPlorer, A-DX Glenn Hauser, Enid, OK, USA (also from WOR/DXLD) (LOB) Lúcio Bobrowiec, Embu SP, Brasil Richard Langley via WOR	CG/CGS, Carlos Gonçalves, Lissabon, Portugal Manuel Méndez, Lugo, Spain Ron Howard, Asilomar State Beach, CA, USA, WOR/DXLD Zacharias Liangas, Thessaloniki, Greece Dennis Allen, Milperra NSW via [WOR] Australian DX News items, May)
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## Station news

**DENMARK.** For almost a year World Music Radio has been broadcasting 24/7 on 25800 kHz with 60 Watts from Mårslet, south of Aarhus in Jutland, Denmark. Propagation on the 11 meter band (25670-26100 kHz) is improving and 25800 can currently be heard almost daily in Southern Europe and Western+Northern Africa and sometimes also in the Middle East and as far away as Western Australia and the Americas.

I've been looking in the propagation forecast ('Funkprognose') in Weltweit Hören for May 2022 - and found that best chances of catching WMR on 25800 kHz are as follows:

- Western Africa: 11-18 UTC
- Central Africa: 06-19 UTC (especially 14-18 UTC) Southern Africa: 06-20 UTC (especially 09-17 UTC) Eastern Africa: 05-18 UTC (especially 09-17 UTC) Middle East: 10-16 UTC South East Asia: 06-17 UTC Western Australia: 06-12 UTC (especially 10-11 UTC) South East Australia: 06-09 UTC
- Brazil/Uruguay/Argentina: 10-20 UTC

A very good indicator to check propagation on 11m is this site: <https://www.dxmaps.com/spots/mapg.php?Lan=E> If the 10 m amateur band (28 MHz) is open, chances are that 11 m is also open.

WMR also broadcasts 24/7 on 927 kHz (200W), 5930 kHz (200W) and 15700 kHz (20W). Hopefully power on 15700 will soon be increased to 200W.

Reception reports are welcomed to: World Music Radio, PO Box 112, DK-8960 Randers SØ, Denmark. Please enclose return postage (five euro or 1-2 IRC's) if possible. The new 2022 QSL hasn't been printed yet but the design is ready.

Btw: I think WMR is the only broadcasting station currently using the 11 meter band. But according to FCC-files it seems like licences have been issued to a number of (utility?) transmitters in the 11 mb in the US: 25870, 25910, 25950, 25990, 26000, 26030, 26070, 26090 and 26100 for four different services: 'Broadcast Auxiliary (low power)', 'Broadcast Auxiliary Remote Pickup', 'XC' and 'XT'. I didn't find any details about modulation (NFM?) or power. Wondering if these stations actually are on the air?

(Best 73s, Stig Hartvig Nielsen [www.wmr.radio](http://www.wmr.radio) via HCDX)

### **MALAYSIA. [WOR] RTM Tagalog Station closes after 50 years later.**

<https://www.abu.org.my/2022/05/05/rtm-tagalog-station-closes-after-nearly-50-years/>

RTM Tagalog station closes after nearly 50 years

An international radio station run by Radio Televisyen Malaysia in the Philippine language Tagalog has ceased operations after nearly 50 years.

The station, Suara Malaysia-Tagalog, was launched in October 1973 and operated by Radio Malaysia Sabah as part of the Voice of Malaysia, RTM's international service. Originally broadcast from a transmitting station near the state capital, Kota Kinabalu, it became an online-only station in 2011. It went to air for two hours each evening.

Communications and Multimedia Minister Tan Sri Annuar Musa said the government had made the decision to terminate it for several reasons.

"Initially, the radio station was established to broadcast on the Malaysian government's policies to bolster ties between Malaysia and the Philippines, particularly for listeners in the southern part of the country.

"However, the decision to terminate the radio station was taken after considering several justifications, especially since it was not an effective platform to communicate information due to poor listenership.

"The station also fell short of achieving its original objective and the Foreign Ministry found that it no longer played an important role in contributing towards diplomatic relations between Malaysia and the Philippines."

Mr Annuar said its closure would save costs for RTM Sabah and resources could be channelled to improve other services in the East Malaysian state.

<https://www.abu.org.my/2022/05/05/rtm-tagalog-station-closes-after-nearly-50-years/>

**Comment:** While "the internet" was hailed as the promising alternative to international radio, it also has a proven record of ineffectiveness when it is managed as an alternative platform for radio. Obviously, it is a completely different environment still not understood by official external services/foreign ministries.

(Dr Hansjoerg Biener via WOR)

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It has been over a decade now since Voice of Malaysia was on SW. At one time, they were super-friendly and appreciated overseas listeners. I find it sad that over the years they have gone so heavily into being online.

- - - - from 2012:

MALAYSIA. 6050.02, Voice of Malaysia. A portion of my Feb 1, 2012 [I think this was maybe my last reception of VOM, as it was for a special event - Ron] reception during their Federal Territory Day Holiday was presented by DJ Albert Ng.

His friendly response to my emailed report:

"It is wonderful hearing from you and all the way from San Francisco too! Thank you for taking the time to write and your kind words are so very much appreciated. Thank you from the bottom of my heart.

I take it you haven't been to Malaysia. When you have the time, do come and visit us. We are a multiracial country with plenty of sunshine, white sandy beaches, excellent accommodation options and boasts of many terrific places to chill and unwind after a fun day in the sun. Why, Malaysia is every vacationer's paradise! No, I've not been paid to say that! It's true! A fact!

haha. Do consider swinging by one of these days. If you're staying a few days in Kuala Lumpur or KL in short, we could arrange for you to visit us at VOM. How's that? You are more than welcome to be a guest on our show! Jam with me or with one of my colleagues. It'll be so much fun! Keep us posted on your travel plans, won't ya?

Stay tuned for more music, info and fun galore with a little mayhem thrown in once in a while for good measure!! HAHA.

Warmest regards,

Albert Ng (Producer/Presenter, VOM)" [Albert is still at RTM, now with TRAXX FM (no longer on SW) and is also on Facebook - Ron]

- - - - Also received this email about the same time, as I also heard the announcer DJ Ray Nagarajan via VOM, back in Feb 2012.

His response to my emailed reception report:

"Thank you very much. Truly appreciate your effort and time listening to the Voice Of Malaysia. I'm so glad to hear myself on the shortwave radio which you have posted on the mp3. Thank you Ron. I will send you the QSL to your mentioned address. Keep in touch and spread the love. Your Friend. Ray"

At least I still have my fond memories of better days.  
(Ron Howard via WOR)

**VANUATU.** Återigen får R Vanuatus harmonics dx-folket att prata om det!

Radio Vanuatu on 3945 kHz + 2nd and 3rd hx 7890 & 11835 kHz via Port Vila, May 4  
from 0700 on 3945 PVL 2.5 kW / non-dir to All Pacific Bislama via SDR Brisbane, Australia  
from 0700 on 7890 PVL 2.5 kW / non-dir to All Pacific Bislama via SDR Brisbane, Australia  
from 0700 on 11835 PVL 2.5 kW / non-dir to All Pacific Bislama via SDR Brisbane, Australia

**Weak/poor on fundamental 3945 kHz, fair on 2nd hx 7890 kHz & very good on 3rd hx 11835 kHz**

<https://swldxbulgaria.blogspot.com/2022/05/radio-vanuatu-on-3945-2nd-hx-7890-via.html>

Jag tänkte på det där fenomenet idag såhär, att är det inte genialt, att utsända med en radiosändare samtidigt på 3 olika frekvenser i stället för att man borde ha för det tre olika sändare och tre olika antenner och tredubbelt så mycket energi!

Vad männen vår expertpanel säga om det idag? Kunde man inte utveckla radioteknik åt det hållet att man kunde göra det avsiktligt och tekniskt galant - precis enligt stationsägarens önskemål. Låt oss ta till exempel Channel 292 i Tyskland som nu dagligen opererar på 75-, 49- och 31 mb. O man kunde ta hand om saker och ting med en ända sändare och en antenn! Enkelt och stiligt samt ekonomiskt mera lönsamt!

Är det bara önsketänkande!

(Kari Kallio via NORDX)

## Other radio news

### Sveriges DX-Forbund - QSL och vimplar

Klicka på den mapp, det album eller det QSL du vill se närmare på! Sätt gärna din webbläsare i läge "Helskärm" när du tittar på bilderna eller kör bildspel.

Du hittar för närvarande fyra mappar här: Harry Holm, Johan Berglund, Börge Eriksson, Ulf Lewin och Jan Rasmusson.

Varje mapp innehåller ett eller flera album som i sin tur innehåller QSL-kort, brev eller vimplar.

[http://www.sdx.se/WP/?page\\_id=1149](http://www.sdx.se/WP/?page_id=1149)

([www.sdx.se](http://www.sdx.se))

### Re: Shortwave Revival a Non-Starter? The Authors Respond - Radio World

From: John A. Figliozzi

You all know what someone once said about opinions? Well, I have one too. (Actually both.)

If the point is that shortwave is never coming back to its once singular and lofty status as THE audio medium for international communication, of course I agree with that point of view. I think even those who took the most umbrage at the what Messrs. Robinson and Perron have written would not disagree much on that point.

But if their point is that it makes no sense whatsoever to try and use shortwave in a crisis situation where information is being actively suppressed or that shortwave cannot and does not any longer serve any useful purpose, then I strongly disagree.

Whether for general broadcast, utility, military, amateur or "industrial" purposes, shortwave does remain useful — albeit to a much lesser extent than it once was. There remains a place for it within the broader digital and analog universe of communications technologies. The proof of that is that the shortwave spectrum is still in considerable, though not ubiquitous, use. Will that persist in the longer term? I freely admit I'm not smart enough to weigh all the factors or know the future, where we should have learned by now anything can happen.

So, is any harm done by those who seek to privately fund an effort to counter disinformation by using shortwave? No, in my opinion. Even if only a handful of receivers pick up the transmissions and listen to their content, that is not the place where further communication of that information stops. From there it can be further spread by writing and even word of mouth.

So what is this "debate" really about? It seems to resemble more that proverbial "tempest in a teapot" to me than anything else.

(John Figliozzi, NASWA iog May 13 via WOR)

## **The black hole “spoke”: new creepy sounds from space have been published.**

Listen to an amazing recording with noises from distant cosmic depths.

Since 2003, the black hole at the center of the cluster of galaxies in the constellation Perseus has been associated with sound. This is due to the fact that astronomers discovered an interesting fact at that time: pressure waves emitted by a black hole cause ripples in the hot gas of the cluster, and these ripples can be converted into a note.

In new work translating astronomical data into music, you can hear exactly what the distant "black hole sound machine" sounds like, according to Phys.org. ...

Details in Russian - <https://hi-tech.mail.ru/news/57763-chernaya-dyra-zagovorila-opublikovany-novye-zhutki-zvuki-iz-kosmosa/?frommail=2> (<https://mail.ru/>)

(RUS-DX #1185)

## **Listen to Internet radio in Excel.**

In Russian. Video - 4:58

[https://vk.com/radioreceiver?z=video-163779953\\_456243011%2F206a3ca9b1e0c69c87%2Fpl\\_wall\\_-163779953](https://vk.com/radioreceiver?z=video-163779953_456243011%2F206a3ca9b1e0c69c87%2Fpl_wall_-163779953)

How to implement listening to Internet radio stations in Excel in a couple of minutes using the embedded Windows Media Player component and a two-line macro. (<https://vk.com/radioreceiver>)

(RUS-DX #1185)

## **[WOR] Radio HF Internet Newsletter, May**

*{Rather than copying a few items here, there are really too many of interest, I strongly suggest you subscribe directly starting with the new issue --- gh}*

THE RADIO H.F. INTERNET NEWSLETTER

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Each edition includes links to web sites submitted by subscribers or by the editor. All sites are reviewed, verified and presented to you with the URL and a brief description of each site.

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(Glenn Hauser via WOR)



# **RADIO-TIMETRAVELLER**

## **The Loop-on-Ground Antenna For The Noise Challenged**

In this article, we'll discuss the Loop-on-Ground antenna and how I've used it to advantage for mediumwave and shortwave DXing in an extremely RFI-ridden environment. We'll also discuss sources of RFI and how they might be minimized.

Read the full story here: <https://radio-timetraveller.blogspot.com/2022/05/the-loop-on-ground-antenna-for-noise.html> (Bill, WE7W near Rochester, NY, <https://radio-timetraveller.blogspot.com> )

## **Morse telegraph machine: an incredible story about the artist and his invention #77 Object stories.**

In Russian, Video - 9:51

[https://vk.com/radioreceiver?z=video-163779953\\_456242994%2Fb6e03cc1b2c1e18fc6%2Fpl\\_wall\\_-163779953](https://vk.com/radioreceiver?z=video-163779953_456242994%2Fb6e03cc1b2c1e18fc6%2Fpl_wall_-163779953)

To the Day of the cryptographer (May 5) and Radio Day (May 7). Another exhibit in the Subject Stories section is a still working Morse telegraph apparatus, which is over 150 years old, from the permanent exhibition of the A. S.

Popov Radio Museum (Yekaterinburg, Rosa Luxembourg St., 9/11). Senior researcher Boris Koshelev talks about the origin of telegraph communications and the invention of the telegraph, which turned the world upside down, and shows the Morse apparatus and transmitter in action. (<https://vk.com/radioreceiver>)

((RUS-DX #1184))

### **32nd edition of the "Broadcasting in Russian" Handbook**

32nd edition of the "Broadcasting in Russian" Handbook, published by the St. Petersburg DX Club, has been recently released. The handbook is the most comprehensive guide to broadcasts in Russian on long, medium and short waves. Its "Air Broadcasting" section features all radio stations transmitting in Russian at present time, both from Russia and abroad, which could be received in Russia and neighbouring countries (totally 43 stations from 29 countries and territories of the world). Station listings include frequency and programme schedules, transmitter location and power, target areas, postal addresses, phone/fax numbers, Web sites, social network pages, e-mail addresses as well as QSL policy info. The schedules are valid mainly until the end of October 2022 (during A22 broadcasting season).

The "Pirate Broadcasting" section features information about the unlicensed stations which regularly broadcast in Russian within MW and SW broadcast bands.

"Internet Broadcasting" section contains information on Internet broadcasting of 20 stations of 15 countries.

In the historical section the article of Trans World Radio's history is continued.

The Handbook is exclusively in Russian and distributed as a hard copy only. Its volume is 64 pages of A5 size. Please address your purchase requests and questions to St. Petersburg DX Club by e-mail to [dxspb\[at\]nrec.spb.ru](mailto:dxspb[at]nrec.spb.ru). The price is 7 EUR or 8 USD (including delivery by registered mail).

(Alexander Berezkin, St. Petersburg, Russia)

### **[WOR] Radio's Greatest Broadcasts**

YOUTUBE Audio: "Radio's Greatest Broadcasts:" Narrated by Frank Knight

<https://www.youtube.com/watch?v=0sVVjtjL5Tw> Running Time: 17 minutes

- The Longines Symphonette Society CIT-102.
- Contents: Introduction.
- Famous Old Commercials.
- The Great Dramatic Shows: Jack Armstrong - The Lone Ranger - The Shadow - The Romance of Helen Trent.
- Famous Radio Flubs. The Greatest News Broadcasts: Pearl Harbor - Manila Is Bombed - VE Day - FDR Dies - Report from Nuremburg - Eddie Fisher Interview - John F. Kennedy Assassination - Robert Kennedy at Democratic National Convention - Robert Kennedy Assassination - Senator Ted Kennedy at St. Patrick's Cathedral.

Via Sheldon Harvey, Greenfield Park, Quebec  
(CIDX Messenger, May via WOR)

### **Australia's ABC Prepares for 90th Birthday Celebrations**

Australia's national broadcaster, the ABC, turns 90 this year and is inviting all Australians to celebrate the milestone, with community events and special programming planned across television, radio, online and social platforms.

The celebrations will run across much of 2022 with the key event, a live 90-minute television special, to be broadcast on 30 June – almost 90 years to the day that the Australian Broadcasting Commission, as the ABC was then called, first went to air.

Since that time, the ABC has grown from 12 radio stations into a multi-media organisation, broadcasting from more than 66 capital city and regional locations, and around the world from 11 international bureaus.

Announcing the ABC's 90th celebration plans, Managing Director David Anderson said the anniversary was an opportunity for all Australians to share in the ABC's rich history.

"The ABC has been part of everyday life in Australia since 1932. It has played a big part in documenting our country's development and achievements over nine decades, and has grown and adapted to changing times, in step with the nation," he said.

ABC Chair, Ita Buttrose, said the organisation's 90th celebrations were about giving back to Australians.

"The ABC has always reflected Australian life. It is at its very best when it celebrates the achievements of all Australians and the things that make this country such a special place in what is the world's oldest continuous culture."

(Asian Broadcasting Union via [WOR] Australian DX News items, May)

### **Modification to Perseus SDR to Use an Eternal Clock by Mark Goldberg W7MLG**

I have designed a modification to allow the Perseus SDR to use an external clock. The internal clock is about 80 MHz, but it drifts quite far from the nominal frequency. I am using the Perseus for frequency measurements and need an accurate clock. I obtained a high quality Wenzel oscillator that produces 80 MHz when locked to an external reference and want to use that clock instead. I use this to test my TCXO boards described [here](#).

The whole point to my modification <https://sites.google.com/site/perseusmods/> is to retain the excellent phase noise and low spurs of the Perseus, while being on a very precise frequency. I use it to make frequency and phase noise measurements. It turns the Perseus into a lab quality piece of test equipment. If you are just listening to it, you

probably don't need all the extra stuff I used, the PCB with transformer coupling and the Wenzel for phase noise cleanup. In my case, they were required.  
(73, Mark Goldberg via Perseus\_SDR)

-----  
This is the correct way to do it. The Leo Bodnar has excellent frequency stability and good phase noise; however, it has spurs which you will see the effects of on strong signals. For that reason, you **should not** use the Leo Bodnar directly as an LO. You will compromise the excellent performance of the Perseus.

There may be an outcry from some, but they are wrong. If you don't believe me look at a LB GPSDO at 80MHz far-out spacings on a spectrum analyser. You will see that some spurs are only 50-60dB down. This is not good enough IMO.

(73, Conrad PA5Y via Perseus\_SDR)

### Testbericht Winradio WR-G69DDCe Excelsior Ultra gegen den Mittelklasse SDR Elad FDM DOU

Die Mai-Ausgabe des britischen Magazins **RadioUser** enthält einen außergewöhnlichen Testbericht, in der das Winradio WR-G69DDCe Excelsior Ultra gegen den Mittelklasse SDR Elad FDM DOU und den günstigen SDRPlay RSPdx antritt. Der Profi von Winradio liegt in der Preisklasse 10.000 Euro, der DUOr bei 900 und der RSPdx bei 250 Euro. Der Autor hat den Bonito AntennaJet benutzt, um das Signal der Wellbrook 1530 simultan an die SDRs zu bringen und hat dann Lang- Mittel- und Kurzwellenstationen auf ihr Signal-Rauschverhältnis zu untersucht. Das Ergebnis war krass:

Auf der Langwelle konnte sich der RSPdx dank HDR mit 3 zu 2 gegen das Winradio behaupten. Aber dass war es dann auch. Bei 10 MW-Stationen entschied das Winradio die Sache 9 Mal für sich. Auf der Kurzwelle wurden 23 Signal ausgemessen. Bei 21 Stationen lag das Winradio vorn, zweimal konnte der Elad punkten.

Das war kein Sieg allein auf dem Messprotokoll. Die Hörprobe, aus welchem dünnem Signal noch etwas Verständliches herausdestilliert werden konnte, entschied das Winradio auf 10 von 11 betrachteten Frequenzen für sich. Einen Punkt konnte sich der Elad holen.

Die Aussage von Clint Gouveia (M00XF) ist unmissverständlich: Man findet auf MW & KW Stationen, die man nur mit dem Winradio hören kann. Bisher dachte ich, der Zugewinn, wenn man 12000 Euro statt 2000 Euro für seine Empfangsanlage ausgibt, läge eher so wie im HiFi-Bereich im Esoterischen.

(Mario Gongolsky via A-DX Fernempfang)

Hier die Vergleichstabelle für LW und MW aus dem Test.

Date	Signal	Frequency/ kHz	Elad FDM DUO			SDRPlay RSPdx			WinRadio WR-G69DDCe Excelsior Ultra		
			Noise Floor/ dBm	Signal peak/ dBm	Signal-to-Noise/ dB	Noise Floor/ dBm	Signal peak/ dBm	Signal-to-Noise/ dB	Noise Floor/ dBm	Signal peak/ dBm	Signal-to-Noise/ dB
2/13/22	CHT NDB	277	-110	-73	74	-122	-83	78	-118	-73	90
2/13/22	Polskie Radio	225	-110	-61	98	-125	-72	106	-115	-64	102
2/14/22	Iceland	189	-115	-90	50	-120	-78	84	-120	-90	60
2/13/22	Medi 1	171	-112	-79	66	-125	-89	72	-120	-81	78
2/13/22	Antenna Satelor	153	-114	-69	90	-132	-79	106	-120	-70	100

Table 1: Results for the Long Wave (LW) Band. Data was recorded using a Wellbrook ALA1530 magnetic loop antenna.

Date	Signal	Frequency/ kHz	Elad FDM DUO			SDRPlay RSPdx			WinRadio WR-G69DDCe Excelsior Ultra		
			Noise Floor/ dBm	Signal peak/ dBm	Signal-to-Noise/ dB	Noise Floor/ dBm	Signal peak/ dBm	Signal-to-Noise/ dB	Noise Floor/ dBm	Signal peak/ dBm	Signal-to-Noise/ dB
2/16/22	CHU O'awa	3330	-115	-93	44	-113	-92	42	-115	-91	48
2/16/22	WGIT Puerto Rico	1660	-120	-83	74	-112	-83	58	-125	-85	80
2/14/22	China CNR	1377	-120	-78	84	-107	-68	78	-122	-79	86
2/16/22	Manx Radio	1368	-118	-80	76	-115	-91	48	-125	-84	82
2/16/22	Bloomberg NY	1130	-110	-78	64	-110	-82	56	-115	-80	70
2/16/22	NewsTalk Toronto	1010	-115	-87	56	-110	-88	44	-120	-86	68
2/16/22	BBC R. Wales	882	-115	-46	138	-120	-56	128	-122	-48	148
2/16/22	CHCM Marystown	740	-112	-88	48	-112	-89	46	-120	-86	68
2/16/22	VOCM, Canada	590	-118	-88	60	-120	-95	50	-120	-86	68
2/16/22	Jil FM, Algeria	549	-118	-77	82	-125	-94	62	-120	-81	78

Table 2: Results on Medium Wave. Data was recorded using a Wellbrook ALA1530 magnetic loop antenna.

(Christopher Ratzer via A-DX Fernempfang)

### WOR: Radio Free Asia's New QSL

Radio Free Asia (RFA) announces the 6th design in our 'radio pioneer' QSL card series.

Reginald Aubrey Fessenden, 1866-1932, was a Canadian-born inventor who did a majority of his work in the United States. During his life he received hundreds of patents in various fields, most notably ones related to radio and sonar. Fessenden is best known for his pioneering work developing radio technology, including the foundations of amplitude modulation (AM) radio. His achievements included the first transmission of speech by radio (1900), and the first two-way radiotelegraphic communication across the Atlantic Ocean (1906). This is RFA's 79th QSL design and is used to confirm all valid RFA reception reports from May - August 2022.

(via WOR)

## Review of the Electronic Specialty Products – Model DD-103 Universal Digital Dial



Read the review here: <https://swling.com/blog/2022/05/guest-post-review-of-the-electronic-specialty-products-model-dd-103-universal-digital-dial/>  
(from SWLing Post)

### WOR] Ukrainian Radio Announcement

Here's an extensive article describing the resistance workings in occupied Ukraine and more information about sprotyv: <https://jamestown.org/program/ukrainian-gue-rillas-fighting-russians-in-temporarily-occupied-territories/>  
(73, Walt Salmaniv via WOR)

### Möbius loop antenna

[https://sv.wikipedia.org/wiki/August\\_Ferdinand\\_M%C3%B6bius](https://sv.wikipedia.org/wiki/August_Ferdinand_M%C3%B6bius)  
<https://sv.wikipedia.org/wiki/M%C3%B6biusband>  
<https://www.g8jn.net/moebius-loop-antenna>

*"In all cases these small low gain broadband loops are really only suitable for use with low noise figure receivers for example the AirSpy HF+ and Discovery. Otherwise it may also be necessary to add a broadband pre-amplifier in order to bring the weaker signals up to a more usable level."*

..den där typen av antenslinga har tydligen blivit allmer populärare bland dxare, bl.a. Harri i Uleåborg berättade just idag att ha beställt en sådan.  
Om någon av er ärade läsare av Nordx har några som helst egna erfarenheter om dessa spännade Möbius loopar, kasta in gärna en insändare hit!  
(Kari Kallio via NORDX)

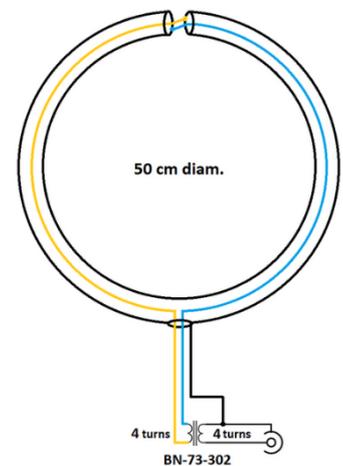
### Two Teens, a Ham Radio, and Operation Deep Freeze



Very interesting historical tidbit!  
Two Teens, a Ham Radio, and Operation Deep Freeze  
[https://youtu.be/uaTm\\_LUifUI](https://youtu.be/uaTm_LUifUI)

(Rodney Johnson <http://swldx.tumblr.com> via WOR)

The eleven nations included in the Antarctic portion of the 1957-1958 International Geophysical Year created several permanent research stations, including the first permanent station at the South Pole. The effort to create a permanent scientific presence at, literally, the end of the earth required enormous effort of scientists and military personnel. Aided, uniquely, by a couple of teenagers from New Jersey.



Passive LF/HF Antenna  
for Airspy HF+ Discovery

## 'Blue Danube Network',

Re the US occupied zone of Austria radio network on Salzburg state, even on very odd shortwave fq channels. See the item taken out of former 'U.K WORLD DX Club' printed magazine from March 2003 year.

'Blue Danube Network', of Armed Forces Radio Service QSL of 350 watt small SW fq gear of 9617 kHz, of 12 February 1951.

In Whitley Bay, Tyne & Wear, NE26 4RR, Northumberland. [https://en.wikipedia.org/wiki/Whitley\\_Bay](https://en.wikipedia.org/wiki/Whitley_Bay)  
<https://www.bing.com/maps?osid=717decab-397f-45ed-973a-7798af6257e2&cp=55.051796~-1.537169&lvl=12&v=2&sV=2&form=S00027>

<https://goo.gl/maps/cldrXHNDYJJepiKNA>

55 02 44.16 N 01 26 39.48 W

(John R. Megson-UK, wdx UK March 1953)

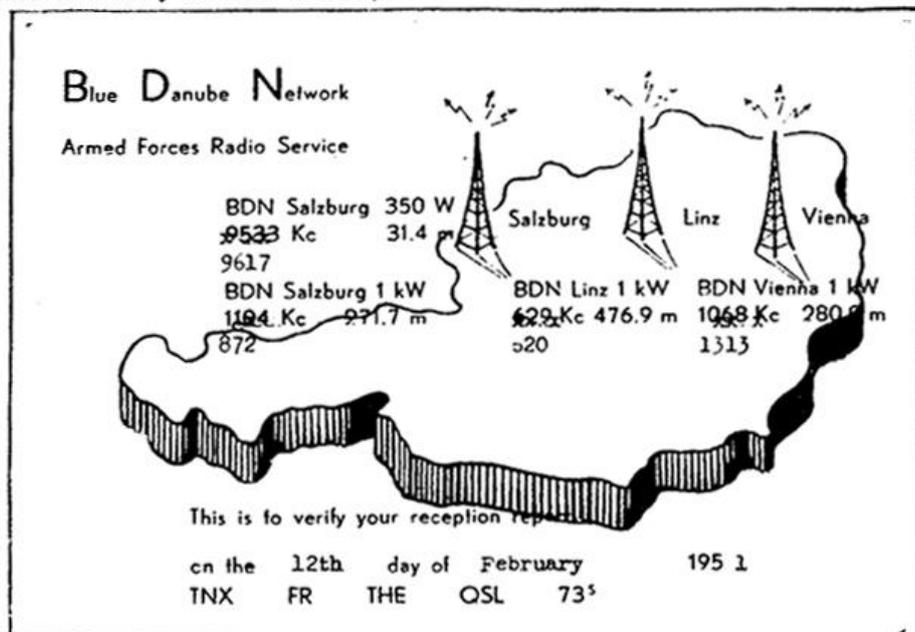
(wolfgang Büschel)

WWDX Club - UK March 2003

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CONTACT Magazine

DULY VERIFIED A copy of an excellent card which has not appeared before in this series, and what's more supplied with an equally excellent fully detailed write-up.



No. 261 - Blue Danube Network, 9617 Kc Salzburg at 0.35 Kw, heard on February 12th, 1951 in Whitley Bay, Northumberland. Card depicts the outline of Austria and data of the Network transmitters in red; text in blue on the business side. While on the face side it has:

Top left: rubber stamp: HEADQUARTERS BLUE DANUBE NETWORK APO 541 US ARMY

Top right: Austrian 1 Schilling stamp - hand cancelled "Salzburg" plus my name and address. This, a follow up to the item on page 39 in the February magazine - JOHN R MEGSON (1063)

// some four months after hostilities ended in Europe in 1945 the uneasy alliance of broadcasting by the Allied Expeditionary Forces Programme of the BBC ended. British and Canadian interests became BFN (British Forces Network) headquarters in Hamburg whilst the American Forces Network, AFN was created for GI's with studios in Cologne and a powerful dual transmitter setup (2x1kW) called AFN Munich/Stuttgart. Although the station slogan was "serving American forces from Bayreuth to Normandy" it became apparent that this was not the case during the midday medium wave fade during the summer of '46. Certainly GI's in the Bremen Enclave could not hear the "Luncheon in Munchen" V-discs show and that may have been the case in Berlin. Thus a network of transmitters in Berlin, Bremen, Cologne, Frankfurt, Munich and Stuttgart with local daytime shows all linked early evening to midnight with network programming. The Blue Danube Network a part of the Armed Forces Radio Service was created to serve remnants of Patton's army who were spread across southeast Germany and Austria in areas that may also have suffered poor reception from Germany. (The End)

## [WOR] BBC News statement on World Press Freedom Day

FOR IMMEDIATE RELEASE: Today, on World Press Freedom Day, Lilliane Landor, Senior Controller of BBC International News and Director of BBC World Service, says:

*“As audiences continue to seek reliable information about the war in Ukraine, BBC content in any language, including Russian, has been blocked in Russia since early March. We continue to do everything we can to serve BBC News Russian audiences with trusted and impartial reporting, investigations and analysis. Despite blocking, there are still millions of people in Russia accessing BBC News content using circumvention and other means.*

*“This World Press Freedom Day we stand by journalists around the world as they fight to overcome the increasing challenges, threats and harassment facing our profession today.”*

// {that is all --gh}

(BBC World Service Publicity: [bbcworldserviceinternationalpublicity@bbc.co.uk](mailto:bbcworldserviceinternationalpublicity@bbc.co.uk) via WOR)

## [WOR] old-school technology makes sense in a war

Shortwave radio in Ukraine: why revisiting old-school technology makes sense in a war. Published: March 9, 2022

<https://theconversation.com/shortwave-radio-in-ukraine-why-revisiting-old-school-technology-makes-sense-in-a-war-178575>

(via WOR)

## [WOR] EiBi English Extracts as of May 3, 2022

Are now available in the Schedules section of: <https://www.kg4lac.com>

Including Frequency Guides for the No MW, No UTE list and for the Full list.

(Kraig, KG4LAC via WOR)

## [WOR] European, Private SW Stations, May 1 edition

<https://www.radioheritage.com/?mdocs-file=25846>

bookmark for future monthly editions: <https://www.radioheritage.com/european-private-shortwave-stations/>

(Glenn Hauser via WOR)

## GRIGORIOPOL EXPLOSIONS

Grigoriopol is a town founded by Armenians in 1792 in what is now Transnistria, which is a state internationally recognized as part of Moldova. It is located on the left bank of the river Dniester. The Grigoriopol (Russian designation: Mayak Radio Centre) is a very large broadcasting facility situated near Maiac, an urban settlement 11 km northeast of Grigoriopol, Transnistria.

Construction work on this facility known as the Pridnestrovian radio and television center with an area of estimated 950 hectares, which housed at the beginning of the 1990s over 20 transmitters working in the shortwave and medium-wave frequencies, took place between 1968 and 1975. The antennae consisted of several antennae for shortwave with heights between 60 and 160 metres and a large rotatable shortwave antenna, which could focus its radiation to every point on the Earth! After the collapse of the Soviet Union, these transmitters were used by several foreign broadcasting companies. In 1997 several antennae were destroyed or damaged by excessive icing. The largest loss was a 350 metres tall guyed mast and a 250 metres tall mast used for mediumwave service.



A view of toppled Pridnestrovian radio centre antennas, also known as "Grigoriopol transmitter", following the blasts, near Maiac, Grigoriopol, in Moldova's self-proclaimed separatist region of Transnistria.

On Monday, the 25th April, 2022, authorities said the offices of the state security ministry in Tiraspol were hit by what appeared to be a grenade attack. Next day i.e., on Tuesday, the 26th April, 2022 early morning, two blasts occurred, first at 6:40 am and then at 7:05 am (0340 UTC and 0405 UTC) targeting the "Mayak" radio center, about 50 kilometers (30 miles) from the regional capital Tiraspol. Reports said that as of 9 am, the two most powerful antennae are out of service, one a 1000 kW and the other a 500 kW. Thankfully none of the PRTC (Pridnestrovian radio and television center) employees and local residents was injured. This is one of 14 radio transmitting centers of the former USSR. The signal from the PRTC can be relayed to the USA, the Middle East and Latin America.

The Government said two “powerful” antennae that were re-broadcasting Russian radio were out of service, and shared images of them lying on the ground. There was no immediate reason to suggest a link between the two incidents. As of 2021, the facility was being used as a medium wave transmitter for Vesti FM on 1413 kHz with 500 kW and Trans World Radio on 999 kHz (500 kW) and 1548 kHz (1000 kW), The shortwave transmissions were on 9940, 1 1 805, 1 1 530 and 1 1 570 kHz mostly for TWR.

An official from the transmitter site confirmed that shortwave antennae were destroyed.

There were no shortwave broadcasts from this site, the last one was Denge Welat, which Ivo Ivanov, the DXer, reported that it stopped on 18th April, 2022. However, both MW frequencies 1413 kHz and 999 kHz were back on air at around 1630 UTC which confirms that only shortwave antennas were affected.

The TWR, user of the transmitter site, could not be contacted.

(From Asian DX Review May 2022 )

## Tropical Bands Monitor 2022

as logged by DX-ers worldwide.

Compiled by Anker Petersen 01 May 2022.

◆ means that the station has been reported heard in 2022 by a DX-er during the month marked.

Unmarked months mean that no DX-er has reported this station as heard, but not necessarily, that it was off the air.

You may also look at the TBM for all 12 months of 2005-2021 at [www.dswci.org](http://www.dswci.org) in the TBM Archive.

**Red** entries have been added, since the latest edition of the Domestic Broadcasting Survey of 31 March 2022 (DBS-24) was published.

kHz	ITU	Station	J	F	M	A	M	J	J	A	S	O	N	D	Remarks
2350	KRE	KCBS, Sariwon	◆			◆									
2368,5	AUS	R Symban, Sydney, NSW		◆	◆	◆									
3215	USA	WWCR, Nashville, TN	◆	◆	◆										
3215	USA	WWRB, Morrison, TN													
3220	KRE	KCBS, Hamhung, Pangsong	◆	◆	◆	◆									
3240	SWZ	TWR, Mpangela Ranch													
3250	KRE	Korean Central Broadcasting Station, Pyongyang	◆	◆	◆	◆									// 3220
3265	USA	WBCQ, Monticello, Maine													
3310	BOL	R Mosoj Chaski, Cotapachi, Quillacollo, Cochabamba	◆	◆	◆	◆									
3320	KRE	PBS, Pyongyang	◆	◆	◆	◆									// 6160
3325	INS	Voice of Indonesia, Palangkaraya, KC	◆	◆	◆										
3360	USA	WWRB, Morrison, TN													
3365	B	R Cultura, Araraquara, SP													
3480	CLA	Voice of the People, via Goyang, South Korea	◆	◆	◆	◆									3475-85
3900	CHN	Hulun Buir PBS, Hailar, Nei Menggu	◆	◆											
3910	CLA	Voice of the People, via Goyang, South Korea	◆	◆	◆	◆									3905-15
3915	SNG	BBC, Kranji	◆	◆	◆	◆									
3920	KRE	KCBS, Hyesan													// 3250
3925	J	R Nikkei-1, Nemuro	◆	◆	◆	◆									// 6055
3930	CLA	Voice of the People, Goyang, South Korea	◆	◆	◆	◆									3925-35
3945	CLA	Echo of Unification, via Chongjin, North Korea	◆	◆	◆										
3945	VUT	R Vanuatu, Emten Lagoon, Efate					◆								
3950	CHN	Xinjiang PBS, Urumqi, Xinjiang	◆	◆	◆										
3955	D	Channel 292, Rohrbach	◆	◆	◆	◆									
3955	G	R Korea Int., via Woofferton	◆	◆	◆	◆									
3959	KRE	KCBS, Kanggye	◆	◆	◆	◆									
3970	CLA	Echo of Unification, via Chongjin, North Korea	◆												
3975	D	Shortwave R, Winsen, Lower Saxony	◆	◆	◆	◆									
3985	CHN	China Business R, Golmud, Qinghai	◆	◆											
3985v	CLA	R Echo of Hope, via Gyeonggi-do, South Korea	◆	◆	◆	◆									3980-90
3985	D	Shortwave Service, Kall-Krekel	◆	◆	◆	◆									
3990	CHN	Xinjiang PBS, Urumqi, Xinjiang	◆	◆	◆										
3990	CHN	Gannan PBS, Tianshui, Hezou, Gansu	◆		◆										
3995	D	HCJB, Weenermoor	◆	◆	◆	◆									
4010,2	KGZ	Birinchi R, Krasnaya Rechka, Bishkek	◆	◆	◆	◆									
4450	CLA	Voice of the People, Goyang, South Korea	◆	◆	◆	◆									
4500	CHN	Xinjiang PBS, Urumqi, Xinjiang	◆	◆	◆										
4750	BDG	Bangladesh Betar, Khabirpur, Dhaka	◆	◆	◆	◆									Also FS
4750	CHN	Voice of China, Hailar, Nei Menggu	◆	◆	◆										
4750	INS	Voice of Indonesia, Cimanggis	◆	◆	◆	◆									
4752,4	PRU	R Huanta 2000, Huanta, Ayacucho	◆	◆	◆	◆									Ex 4764
4760	IND	AIR Leh, Ladakh, Kashmir	◆			◆									
4760	SWZ	TWR, Mpangela Ranch													
4765	CUB	R Progreso, Bejucal	◆	◆	◆	◆									
4765	TJK	Tajik R 1, Yangiyul	◆	◆	◆	◆									
4775	PRU	R Tarma, Tarma, Junín	◆	◆	◆	◆									
4790	USA	WBCQ, Monticello, Maine	◆	◆	◆	◆									// 7490

4800	CHN	Voice of China, Golmud, Qinghai	◆ ◆ ◆ ◆	
4810	PRU	R Logos, Chazuta, Tarapoto	◆ ◆ ◆ ◆	
4820	CHN	Xizang PBS, Baiding, Tibet	◆ ◆ ◆ ◆	
4840	USA	WWCR, Nashville, TN	◆ ◆ ◆ ◆	
4850	CHN	Xinjiang PBS, Urumqi, Kazakh Sce	◆ ◆ ◆ ◆	
4875	B	R Roraima, Boa Vista, RR		
4885	B	R Clube do Pará, Belém, Pará	◆ ◆ ◆ ◆	
4885	B	R. Dif. Acreana, Rio Branco, AC	◆	
4885	CLA	R Echo of Hope, Taereung, South Korea	◆ ◆ ◆ ◆	4880-90
4900	CHN	Voice of the Strait-3, Fuzhou, Fujian	◆ ◆ ◆ ◆	
4905	B	R Relógio Federal, São Goncalo, RJ	◆ ◆ ◆ ◆	
4905	CHN	Xizang PBS, Baiding, Tibet	◆ ◆ ◆ ◆	
4920	CHN	Xizang PBS, Baiding, Tibet	◆ ◆ ◆ ◆	
4925,2	B	R Educação Rural, Tefé, Amazonas	◆ ◆	
4930	BOT	VOA, via Moepeng Hill	◆ ◆ ◆ ◆	
4940	CHN	Voice of the Strait -1, Fuzhou, Fujian	◆ ◆ ◆ ◆	
4940	CLM	Fuerza de Paz R, Arauca	◆ ◆ ◆ ◆	
4949,7	AGL	R Nacional de Angola, Mulenvos, Luanda	◆ ◆ ◆	
4955	PRU	R Cultural Amauta, Huanta, Ayacucho	◆ ◆	
4965	ZMB	Voice of Hope, Makeni Ranch, Lusaka	◆ ◆ ◆ ◆ ◆	
4980	CHN	Xinjiang PBS, Urumqi, Xinjiang	◆ ◆ ◆ ◆	
4980	USA	WRMI, Okeechobee, FL	◆ ◆ ◆ ◆ ◆	
4990	CHN	Hunan PBS, Changsha, Hunan	◆ ◆ ◆ ◆	
5009,9	MDG	R Nasionaly Malagasy, Sobotsy Namehana, Antananarivo	◆	
5010	USA	R Miami Int., Okeechobee, FL	◆ ◆ ◆ ◆	
5020	SLM	SIBC, Honiara	◆ ◆ ◆ ◆	
5025	CUB	R Rebelde, Bauta	◆ ◆ ◆ ◆ ◆	
5025	PRU	R Quillabamba, Quillabamba, Cusco	◆ ◆ ◆ ◆	
5035	AUS	Unique R, Narrabi, NSW	◆ ◆ ◆	
5035	B	R Educação Rural, Coari, AM		
5040	CUB	R Habana Cuba, Bauta	◆ ◆ ◆ ◆	
5040	VUT	R Vanuatu, Emten Lagoon, Efate	◆ ◆ ◆	
5045	AUS	Bay Island R, Macleay Island, Queensland	◆ ◆ ◆	
5045	NFK	Radio DX, Norfolk Island	◆	Testing
5050	CHN	Beibu Bay R, Nanning, Guangxi	◆ ◆ ◆	
5050	USA	WWRB, Morrison, TN		
5055	AUS	4KZ, Innisfail, North Queensland	◆ ◆ ◆ ◆ ◆	
5060	CHN	Xinjiang PBS, Urumqi, Xinjiang	◆ ◆ ◆ ◆ ◆	
5085	USA	WTWW-2, Lebanon, TN	◆ ◆ ◆ ◆ ◆	
5130	KGZ	SW Relay Sce, Krasnaya Rechka, Bishkek	◆	

Since January 2017 the Tropical Bands Monitor's are normally published each month on the public website [www.dswci.org](http://www.dswci.org).

### [WOR] Landowners Warned of Potential Liability of Up to \$2,000,000 for Pirate Radio Operations on Their Property. By [David Oxenford](#) on May 5, 2022

The FCC yesterday made public four letters to **landowners** warning them that there were **unlicensed FM radio operations** coming from their properties and warning that, if the transmissions continued past the 10-business day response period, the landowners could be held liable for **penalties up to \$2,000,000** for the unlicensed operations coming from their properties. The letters were sent to landowners in Summerville, Oregon; Baltimore, Maryland; Kissimmee, Florida; and Philadelphia, Pennsylvania.

These actions follow the 2020 enactment of the federal PIRATE Act which increased potential fines on operators of unlicensed radio stations to up to \$100,000 per day, and up to \$2,000,000 in the aggregate. The act authorized fines not only on **pirate radio operators** themselves, but also on anyone who "knowingly does or causes or suffers to be done any pirate radio broadcasting," which seemingly authorizes the types of fines threatened in yesterday's notices directed to the landowners where pirate radio stations operate. As operators may be hard to identify, the ability to seek penalties against landlords, who are readily identifiable from local land records, gives the FCC a much stronger tool with which to combat pirate radio operators. We last wrote about FCC actions against pirate radio in connection with settlements with operators in mid-2020, so these actions may signal that the FCC is again looking to enforce the prohibitions against unlicensed operations.

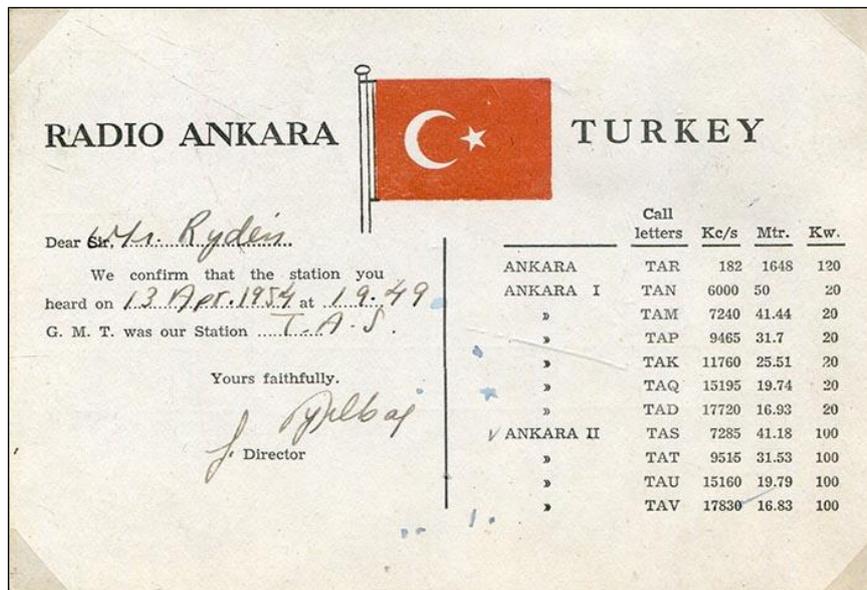
<https://www.lexblog.com/2022/05/05/landowners-warned-of-potential-liability-of-up-to-2000000-for-pirate-radio-operations-on-their-property/>?

We need to remember that the revision of the Pirate Act answered to pressure from the industry against unlicensed competition on FM and medium wave. It is hard to imagine that the infrastructure of a commercial operation cannot be traced by the owner of a building. As far as I know short wave is not mentioned in the Act.  
(Dr. Hansjoerg Biener via WOR)

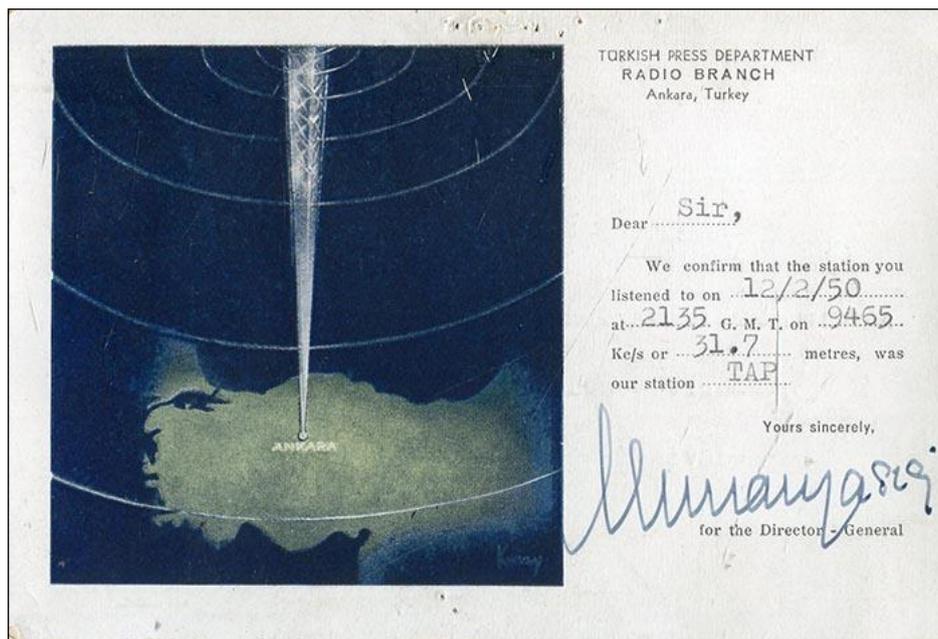
## DX nostalgia by RFK

A new edition of SWB and it's time again for some DX nostalgia. Sadly the terror in the Ukraine is still going on. We have passed the 9<sup>th</sup> of May and Vlad didn't really say much in his speech on the Victory Day. Finland and Sweden seem to be ready to join NATO, something which Erdogan didn't like. Especially not Sweden joining. However, later Erdogans spokesman Kalin told that Turkey will not close the door for Finland and Sweden to join NATO. It seems like Vlad is having his hands full in the Ukraine, with huge losses of both material and human lifes. Maybe he isn't especially keen on invading some other country right now? Theoretically Sweden and Finland won't be able to take advantage of the NATO protection until we are full members. So what will happen in the meantime? What if Erdogan deliberately tries to delay Sweden's membership?

Speaking about Turkey, here is a QSL which Lars Rydén LR received from Radio Ankara in 1954.



A somewhat older QSL from the Turkish radio, received by LR in 1950.



# RADIO HIRONDELLE

LA VOIX DES FORCES DE L'UNION FRANÇAISE EN INDOCHINE DU NORD

63, Boulevard Doudard de Lagrée - Hanoi

ou S. P. 74.682 T. O. E.

DIRECTION  
Tél. Eléphant 347

DIRECTION ARTISTIQUE & STUDIOS  
Tél. : Haut Commissaire 41  
REGIE EXPLOITATION & REDACTION  
Tél. : Eléphant 247

S.P. 74.682

Hanoi , May 29th 1953

Dear Sir ,

We have been much surprised and pleased by your letter dated 9th of May.

In fact , it's the first time that we have a reception report from SWEDEN and are very interested by the quotation - "4 and 5" - given by you.

Our type of transmitter is a S.I.P.L. .... 1 kws 5

Antenna : EAST - WEST ..... 30 meters

PROGRAMS : (6,30 to 9,00) - (12,00 to 14,30) - (18,00 to 24,00)

OUR TIME

HOLIDAYS PROGRAMS : (6,30 to 10,00) - (12,00 to 18,30) -  
(19,00 to 24,00) OUR TIME

After verification : your report is O.K.

Thanks for the greetings you send to the French Army and to us .

We remain, dear Sir ,

Yours faithfully

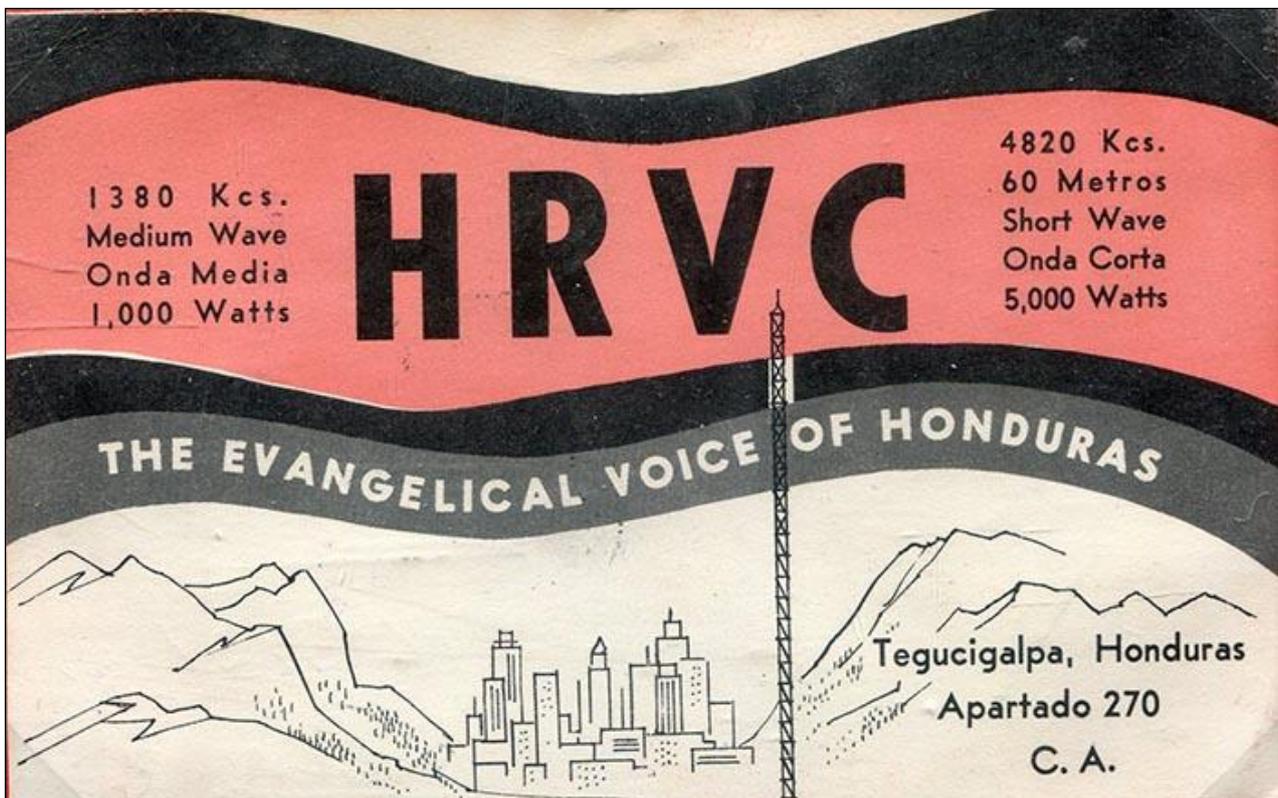
Le Capitaine BURIDANT

Directeur de "RADIO-HIRONDELLE"

Radio Iris, Esmeraldas, Ecuador could be heard now and then on 3380 kHz in the 90 metre band. This card showing the stations premises was received by Olle Alm.



Another QSL card from the collection of Olle Alm. HRVC was probably the most common station to be heard from Honduras and often gave DX-ers around the world a new verified country. Also a very great design of the card. This is what a QSL should look like....



Last time we showed OA:s pennant from Transmisora Caldas in this column and here is the verification letter Olle received. The station was heard on 5020 kHz in the 60 metre band. Location: Manizales, Colombia.

**TC**  
**TRANSMISORA CALDAS**

**TRANSMISORA CALDAS**  
CIA. TRANSMISORA DE MANIZALES, LTDA.

Manizales Mayo 16 de 1.962

No. G- 340

Apts. Aéreo y Nacional  
244  
Teléfonos números  
63-62 y 55-49  
Telégrafo:  
TRANSMISORA

H J F J 1060 Kilociclos  
H J F W 5020 Kilociclos  
H J K N - F. M.  
88.5 Megaciclos

Señor  
Olle Alm.  
Kattilhult 335,  
Soderakra.  
SUECIA.-

Apreciado señor:

Por medio de la presente acusamos recibo de su reporte de recepción de fecha Abril 18 de 1.962 .-

Agradecemos muchísimo su sintonía, y podemos comunicarle que los datos anotados en él son todos correctos, según verificación con nuestros libros de control.-

Por tener agotados los banderines de la emisora, nos permitimos enviarle algunas bonitas - calcomanías taurinas.-

Cordialmente,

*Ignacio Escebar Uribe*  
TRANSMISORA CALDAS  
Ignacio Escebar Uribe.-  
GERENTE

IEU/adlr.

«TRANSMICENTRO» primer Centro de T. V., Radio, Cine y Boite de Colombia  
52-277-190

Finally a verification letter from Bolivian station Radio San Miguel in Riberalta, Beni, received by Lars-Olof Hansson LOH. Contributions to this column are most welcome like scans of old QSLs, pennants, clip-pings, memorabilia or whatever you can think of. Please mail me at info @ rock.x.se if you want to share something. Take care and stay safe.



**RADIO "SAN MIGUEL" C. P. 114**

Riberalta -- BENI -- Bolivia

Riberalta, 15 de junio de 1988

Señor  
Lars-Olof Hansson  
Liljegatan 21  
S-753 24 Uppsala  
Suecia.-

Estimado amigo:

Nuestros cordiales saludos para usted, en nombre de la dirección y el personal que trabaja en esta casa radial Radio San Miguel.

Para su conocimiento, manifestamos que el reporte de nuestra sintonía es correcto. Nuestra emisora transmite en la frecuencia de 90 metros 3.310 Khz. honda corta.

Algunos datos, Radio San Miguel es de propiedad del Vicariato Apostólico de Pando con sede en Riberalta, la radio es de promoción cultural, educativa, se identifica con los campesinos, los pobres, los jóvenes y las organizaciones populares.

Su ubicación, el norte de nuestro país en la ciudad de Riberalta con 40.000 habitantes aproximadamente a 172 metros sobre el nivel del mar, con clima tropical y en nuestra ciudad confluyen los rios Beni y Madre De Dios, afluentes amazónicos.

Esperamos que estos datos le permita una visión más adecuada a nuestra realidad, creemos haberle servido; esperamos noticias tuyas.

Atentamente

  
Héctor Salas Takana  
DIRECTOR DE RADIO SAN MIGUEL

