SHORTWAVE BULLETIN

Issue no. 1995, Feb 6, 2022

The log is as usual quite extensive. I use quite some time to edit your logs to fit the SWB layout. So please take a look on the template.

One wish – please always include date for reception in evrylog.

One interesting station, R Symban, seems to be back in the 120 m band. The station seems to use low ower and unfortunately only heard in Australia and via KiwiSDR's in the neighborhood.

It is nice to see that Ron Howard is recovering fast after his fall accident and as you can see feels much better (as you can see to the right).

Also a warm welcome to our newest member in the mailing list – Zacharias Liangas. He is living in Thessaloniki.

If you have something of interest for the DX-Nostalgia column just drop a line or two to Ronny Forslund.

Keep on

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SWB-info

SWB on HCDX: Dateline Bogotá 1993-1998: SWB latest issue/archive: http://www.hard-core-dx.com/swb http://www.hard-core-dx.com/swb/Dateline.htm http://www.hard-core-dx.com/swb/archive.htm

Deadline e-mail next issue: 0800 UTC, Feb 20, 2022

QSL, comments, etc.

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 UT Thursday via: <u>http://www.worldofradio.com/Hauserlogs.html</u> The latest ones direct: <u>https://www.w4uvh.net/ghlogs_2022_0127_0202.txt</u> (73, Glenn Hauser)

Ron Howard. Greetings from California. For an indefinite period of time, I will not be actively DXing, so no more reports.

Thanks to Glenn and all the fine folks at WORiog for allowing me to post my logs and comments here. It has been fun!

Appreciate all the wonderful assistance Glenn and others have given me over the years. It is possible I will get back on the saddle again after I recover from my current medical situation, but I think it more likely that my serious DXing days may be over. Have years of many wonderful memories!

Best wishes to all, Ron

Thanks a lot for all of your fantastic and informative logs sent to SWB. We will all miss your contributions. I sincerely hope, that your recovery will be successful and we can see your signature in all of the mailing lists soon. Regards, Thomas

Latest info:

I want to thank Glenn and all the wonderful folks at WORiog for their best wishes for a quick recovery.

Happy to say I'm doing better now. Believe in the future I will try to limit my DXing time to before my local sunrise, so that I will be arriving back home from the beach in daylight. Think this will be a more secure, safe and comfortable schedule for me, hopefully resulting in no more falls. Last week I fell going up the stairs to my home upon returning home from the beach. It was 2:30 AM. Was extremely scary for me, as it was very difficult for me to get back on my feet again. For several days I had to use a walker to get around the house. A situation I do not want to repeat! The joys of getting old, hi! Thanks again everyone! Your good wishes are greatly appreciated. /Ron



Well, it looks like Ron is feeling better – got this mail today,

Feb 1: Greetings from California! Tomorrow (Feb 2) starts the year of the Tiger.

At the Howard household, it's all about FOOD :)) /Ron Christer Brunström: Radio Piepzender 7425 kHz eQSL and photo of transmitting equipment.



Zacharias Liangas. I am near 60 years old, strongly involved in radio and DX ing since the end of the 60ies. Listened not only to standard radio stations but also to utes and digital communications in the 80ies and 90ies and have collected more than 500 QSLs so far.

My first radio was a Silver radio-cassette-recorder. It was replaced later by a Sony ICF7600D – mini digital the first of its type- in the 80ies and a Lowe 150 in the 90ies. In 2000 I bought an Icom R75 receiver and later a few Tecsun radios which included also the PL380 and the DE1003 Degen that I also use today.

I installed several SW wire antennas in the house but my favorite is the 2×16 m that is used also today since 98 after I married and moved to a mountainous place with much clearer signal than in my parents house. I recently removed all small antennas and added a 3×9 m antenna located 3 m above the ground.

Since 2019 a portable PC and a SDR returned my main DX-ing interest into doing scientific signal analysis. The first was a SDRPlay RSP1a and was later the backup SDR for the Airspy HF+Discovery that works better in LW.

The sad thing is that I am living between 3 places: my parents home in central Thessaloniki, my family's temporary home in grandpa's home in Litohoron (in the downhills of Olymp) and my inlaws home in a mountain nearby Salonica where I have best reception.

The remaining two places are quite noisy, this is the reason I many times prefer to use KIWI SDRs. (Welcome to the SWB gang. /Thomas

| LUY | | | (010) |
|---------|-------|------|---|
| 2368.43 | Feb3 | 0935 | Radio Symban - Checking 2368.43 kHz. for traces of a carrier from 0935+, but nothing at |
| | | | all heard. Ron Howard, Asilomar State Beach, Calif.) |
| 3250 | Jan29 | 1706 | Korean Central BC Stn, Pyongyang. Songs. 15341 (CGS) |
| 3310 | Feb3 | 0000 | Mosoj Chaski. Música en quechua. (Claudio Galaz, Barraza Bajo, Chile) |
| 3915 | Jan25 | 2237 | BBC, Kranji relay. WS in E to SEAs, tks on drug cartels. 35443 (CGS) |
| 3930 | Feb1 | 1903 | Voice Of The People (cland.), Goyang. Kor to KRE, tks. Jammed. 23441 (CG) |
| 3945 | Feb2 | 2210 | R.Echo Of Unification (cland.), Chongjin. Kor to KOR, songs, tks. 35342 (CG) |
| 3955 | Feb1 | 1905 | Channel 292, Rohrdorf. G, mx, DX px. 35433 (CG) |
| 3955 | Feb5 | 1835 | Channel 292, Rohrbach German ann, pop songs (AP-DNK) |
| 3975 | Jan22 | 1845 | Shortwave Gold, Winsen. E, pops. 35342 (CGS) |
| 3975 | Feb5 | 1840 | Shortwave Radio, Winsen. English ann, English pop songs (AP-DNK) |
| 3980 | Feb1 | 1907 | R.Echo Of Hope (cland.), Gyengi-do. Kor to KRE, tks, mx. Jammed. 23441 (CG) |
| 3985 | Jan22 | 1847 | R.Bielorussia via Shortwave Sce., Kall-Krekel. E, tks on Bielorussia. 35443 (CGS) |

| 3985 | Feb5 | 1840 | R Bulgaria, via Shortwave Service, Kall-Krekel. English news, weather, "Bulgaria to- day" (AP-DNK) |
|--------------|----------------|--------------|--|
| 3990 | Jan29 | 0007 | PBS Xinjiang (T), Urumqi; female talk (listed in Aoki as Uyghur), music. Poor (LOB) |
| 3995 | Jan29 | 1704 | HCJB, Weenermoor. G, songs in Ru, tks. 35342 (CGS) |
| 3995 | Feb5 | 1845 | HCJB, Weenermoor. German hymns, German religious talk (AP-DNK) |
| 4010.2 | Jan29 | 1713 | Kyrgyz Radio, Bishkek, Kyrgyz songs. Very weak. (Méndez) |
| 4010.24 | Jan31 | 1550 | Birinchi R, Krasnaya Rechka, Kyrgyz talk - no more relay of BBC news! (AP-DNK) |
| 4450 | Jan29 | 0834 | Voice Of The People, Kyonggy-do Koyang; Poor, jammed. (LOB) |
| 4450 | Jan30 | 2156 | Voice Of The People (cland.), Goyang. Kor to KRE, tks. QRM de CODAR. 22441 (CGS) |
| 4747 | Feb3 | 0010 | R. Huanta 2000. Id y luego noticias locales sobre las plazas docentes. (Claudio Galaz, |
| | | | Barraza Bajo, Chile) |
| 4749.95 | Feb4 | 1142 | VOI, via Cimanggis/Jakarta. Very unusual to be able to hear VOI here; clearly two stations |
| | | | in Chinese; other one was CNR1; slight het as VOI is off frequency from CNR1; currently |
| | | | VOI is off the air on 3325 (Palangkaraya). My reception today was only possible during |
| | | | pre-Bangladesh Betar. (Ron Howard, Asilomar State Beach, Calif.) |
| 4750 | Jan29 | 1708 | Bangladesh Betar. Bangla (p), tradit. songs, tks. 35433 (CGS) |
| 4750 | Feb5 | 1850 | Bangladesh Betar, Shavar English ann, pop songs (AP-DNK) |
| 4752 | Jan28 | 0009 | R. Huanta 2000, Huanta; local music, ID "Huanta 2000", Clear, het, fair to good (LOB) |
| 4800 | Jan22 | 1450 | Voice of China, Golmud Chinese with music behind. // 6000, 6125 and 7230 (AP-DNK) |
| 4809.991 | Feb2 | 2318 | Tent. R Logos weak with talk & music, back again after some time of absense. (TN) |
| 4810 | Jan25 | 0721 | Not even a JBA carrier, which was about all I could get from R. Logos, nor for the past tri- |
| | | | ple weeks in bandscans, last logged here during this hour on Jan 1 & 4. Of course it could |
| | | | still be on at other dayparts, not overnight. Last logs I find of it were Jan 11 by LOB in |
| | | | Brasil, Jan 13-14 by Wilkner, FL, both circa 0000. (Glenn Hauser, OK, WOR) |
| 4810 | Feb3 | 1113 | presumed R. Logos. Best ever reception here, even with the normal heavy CODAR QRM; |
| | | | announcer (1113-1120) and OA music/songs (1120-1128). My audio (two minutes of an- |
| | | | nouncer and one of music) is posted at <u>http://bit.ly/3gqiI1e</u> . Ron Howard, Asilomar State |
| | | | Beach, Calif.) |
| 4810 | Feb3 | 0016 | R. Logos, Peru, San Martin; flute instrumental music. Very weak, listening on 4808 kHz to |
| | | | avoid STANAG on 4810. (LOB) |
| 4820 | Jan22 | 1455 | Xizang PBS, Baiding, Tibet Chinese ann, song and orchestra music. // 5935, 6050, 7240 |
| | | | and 7450 (AP-DNK) |
| 4880 | Jan24 | 2132 | R.Echo Of Hope (cland.), Nowong-gu. Kor to KRE, tks, western pops. Jammed. (CGS) |
| 4885 | Feb1 | 1909 | R.Echo Of Hope (cland.), Nowong-gu. Kor to KRE, tks, mx. Jammed. 33442 (CG) |
| 4885 | Feb4 | 2239 | R.Club do Pará, Belém PA. "A Voz do Brasil". QRM de KOR + KRE. 34432 (CG) |
| 4885.05 | Jan23 | 0010 | R Clube do Pará, Belém, PA, ann, Brazilian pop songs. (AP-DNK) |
| 4925 4930 | Feb3 | 2237 | R.Educação Rural, Tefé AM. Tks. 15341 (CG) |
| | Feb5 | 0415 0026 | VOA Africa Sce., Moepeng Hill. English talk about an American program (AP-DNK) R. Cultural Amauta. Música cristiana y luego programa bíblico. (Claudio Galaz, Barraza |
| 4955 | Feb3 | 0020 | |
| 4965 | Jan28 | 1807 | Bajo, Chile) Voice of Hope Africa, Lusaka, English, religious comments. (Méndez) |
| 4903 5040 | Jan28 Jan28 | 0825 | RHC, running very late; heard at last check at 0825, but noted the usual open carrier at |
| 3040 | Jall20 | 0823 | 0835 check (Cuba audio gone). (Ron Howard, Asilomar State Beach, Calif.) |
| 5040 | Feb2 | 0753 | Radio Vanuatu, Port Vila, English, comments, mentioned "Vanuatu", music, at 0800, id. |
| 5040 | 1002 | 0755 | "Radio Vanuatu", "Seven O'clock", news. Fair signal. Log via SDR Kiwi remote receiver |
| | | | in Marahau, New Zealand. (Méndez) |
| 5040 | Feb3 | 1003 | R. Vanuatu. Very respectable signal; much better than yesterday; here are some highlights: |
| 5010 | 1000 | 1005 | 1003-1020: News/sports in Bislama (As Zacharias Liangas has also noted, a helpful |
| | | | sprinkling of English words here); many sound bites; items about New Caledonia, Papua |
| | | | New Guinea, Australian investments, "sports football club," etc. |
| | | | 1033: RV ID and local time check ("half past nine"); into the usual half hour religious pro- |
| | | | gram; preaching and prayer in Bislama ("tonight the Bible says," etc.) |
| | | | 1041+: Religious songs; many in English ("Just Reach Out Your Hand," etc.). |
| | | | 1103-1104: ending audio with the National Anthem. My audio is at <u>http://bit.ly/3AWvY7n</u> |
| | | | 1104+: open carrier/dead air with no audio at all (1150+). |
| | | | Ron Howard, Asilomar State Beach, Calif.) |
| 5040 | Feb4 | 0832 | Vanuatu, Vanuatu; Poor, significantly lower signal than yesterday. (LOB) |
| 5055 | Feb3 | -0954* | Radio 4KZ, cut off at 0954:25*; recently consistent with five seconds earlier cut off time |
| | | | every day. Feb 4 - Significant anomaly - Not heard at their usual time (checked 0941), but |
| | | | later on the air at a time normal off (checked 1018+ and still on at last check at 1255); |
| | | | usual format (The Rascals - "Groovin on a Sunday Afternoon" and many other recog- |
| 5050 | x - 0 | 0000 | nizable pop oldies). (Ron Howard, Asilomar State Beach, Calif.) |
| 5850 | Jan28 | 0808 | WRMI. Tony Alamo preaching. (Ron Howard, Asilomar State Beach, Calif.) |
| | | | |

| 5915 | Jan29 | 1715 | Zambia NBC, Radio 1, Lusaka, Vernacular, comments. (Méndez) |
|--------------|----------------|--------------|---|
| 5915 | Jan25 | 2241 | ZNBC-Radio 1, Lusaka. Vn, tks. QRM de CHN (p). 34342 (CGS) |
| 5930 | Jan28 | 1155 | World Music R, Bramming. English ID: "W-M-R", Latin American pop songs. // 927 MW (AP-DNK) |
| 5938.9 | Feb4 | 2241 | R.Voz Missionária, Camboriú SC. Natl. nx magazine A Voz do Brasil. 25341 (CG) |
| 5954.987 | Feb2 | 2341 | Pop ballad in English, S9+10/15 via UTwente, first noticed as ACI to Turkey/China on 5960, q.v. EiBi says Sunlite Radio but only at 04-17; while Aoki shows overnite on days 3 |
| | | | & 6 = Tuesday & Friday but this is Wednesday going into European Thursday: |
| | | | 5955 0500-1800 HOL ICON BV.Sunlite Radio Dut Overslag 1-7 |
| | | | 5955 1800-0500 HOL ICON BV.Sunlite Radio Dut Overslag 36 |
| | | | But WRTH 2022 shows overnight 1800-0600 only on Saturday as a daggered irregular |
| | | | test: does that mean Saturday into UT Sunday, or Friday into UT Saturday??? 500 watts. SHN`s latest Feb list of Euro private SW stations says 24/7, plans daily 0400-1700. Locat- |
| | | | ion is Westdorpe, which is in SW Neth right on the Belgian border. Operator clarified that |
| | | | it is barely on the Dutch side. That's 238 km = 148 stmi from UTwente at Entschede. As if |
| | | | confirming at an awkward distance, 2348 ID fades right as the name is said, and then stays |
| | | | downfaded; 2359 announcement definitely in Dutch; 2401, YL ID as "This is Sunlite" and |
| 5955 | Jan30 | 0750 | back to music (Glenn Hauser, OK, WOR) Sunlite Radio, Overslag, pop songs, id. "Sunlite", Dutch, comments. (Méndez) |
| 5970 | Feb5 | 0420 | R 208, Hvidovre. Danish/English ann, English pop songs (AP-DNK) |
| 5995 | Jan30 | 0733 | Radio Mali, Bamako, Radio Mali, Bamako, Vernacular, comments. (Méndez) |
| 5995 | Jan25 | 2243 | R.Mali, Kati. F, mx px. 55444 (CGS) |
| 5995 | Jan30 | 1744 | R.Echo of Hope (cland.), Gyengi-do. Kor to KRE, tks, western pops. Adj. QRM. // 4880 a.o. 22441 (CGS) |
| 6017 | | | Unid, Mexican? station, 6017, heard for about ten minutes, 0605-0615*, 06-02, Mexican |
| | | | songs, at 0614 anthem, I think was the Mexican National Anthem and close. Weak but clear |
| | | | signal here in Friol, also checked via SDR Kiwi remote receiver in Iceland and exactly the same frequency, 6017 kHz with a bit better signal, via Pardhino, Brazil, no signal. (Méndez) |
| 6020 | Jan30 | 0702 | Radio Delta International, Elburg, pop songs, oldies, id. "This is Radio Delta Internat- |
| | | | ional", program "Finnish Hour". (Méndez) |
| 6020 | Jan30 | 1152 | R.Delta - pir. Pops. ID via DX press. 25331 (CGS) |
| 6035 | Feb3 | 1156 | Yunnan Radio International. Heard with nice classical (western) orchestra music (unus- ual to hear this type of music via a Chinese station, but must be living up to their "Internat- |
| | | | ional" name); clear multi-language IDs (English: "Yunnan Radio International"); one of |
| | | | their better days. Ron Howard, Asilomar State Beach, Calif.) |
| 6080 | Jan24 | 2136 | R.Marumby, Curitiba PR. Rlgs. propag. Co-ch. QRM. 34342 (CGS) |
| 6085 | Jan29 | 1651 | Radio Mi Amigo, Kall Krekel, songs in English, oldies, "California dreamin" by "The Ma- mas & The Papas", id. "Mi Amigo", English, comments, "This is Radio Mi Amigo Inter- |
| | | | national". (Méndez) |
| 6085 | Jan29 | 1107 | R.Mi Amigo (HOL)via Shortwave Sce., Kall-Krekel. E, pops, Shortwave Sce. anns. in E. |
| 6114 | Feb1 | 0707 | 25341 (CGS) RTTY Intruder, rapid FSK is S9 vs much weaker 6115 Nikkei Japan. Had hoped the RTTY |
| | | | were gone for good, last heard on January 13 (Glenn Hauser, OK, WOR) |
| 6140 | Jan29 | 1124 | R.Onda, Borculo. P, Braz. songs, pops, also pops in F. // 9530. 25342 (CGS) |
| 6150 6160 | Jan29 Jan23 | 1533 1050 | Europa 24, Datteln, pop songs, at 1530 time signals and news in German. (Méndez) Shortwaveradio, Winsen. English HAM-radio programme. (AP-DNK) |
| 6160 | Jan29 | 11050 | Shortwave Gold (p), Winsen. Tks. QRM de USA. 25331 (CGS) |
| 6175 | Feb5 | 1805 | Radio Andorra with -65dbm signal in my mini portable SDR in center of Thessaloniki at |
| | | | 1805, off at 1828. Man with funny talks in front of laughing audience, then various kinds of |
| 6175 | Feb5 | 1620 | music, most French. (Liangas) Badia Andarra via Maashrunn. Tuš timmar mad att gammalt rastaurarat program från klas |
| 0175 | геоз | 1630 | Radio Andorra via Moosbrunn. Två timmar med ett gammalt restaurerat program från klas- siska Radio Andorra. Allt på franska förutom det klassiska anropet. 4 (CB) |
| 6175 | Feb6 | 1701 | R. Andora, Mosbrunn. Fr mx Fr tk 2x jingle. (TB) |
| 6185 | Jan30 | *0759- | Radio Classic Sunday via Radio Piepzender, Zwolle, "This is Radio Classic Sunday on Sorthwave", special program "Radio Luxembourg". (Méndez) |
| 6224U | Jan28 | 0924 | Taupo Maritime Radio. Marine weather warnings in English; fair, but bothered by non-stop |
| - | . == | | beeping c (also in USB) QRM, which was still going at 0943. (Ron Howard, Asilomar |
| 60 H T | x c- | 1010 | State Beach, Calif.) |
| 6245 6250 | Jan25 Feb1 | 1910 1911 | R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. Jammed. Adj. uty. QRM. (CGS) R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks, mx. Jammed. 34432 (CG) |
| 6355.1 | Jan23 | 1635 | R.Echo of Hope. Kor/E, nx. Jammed. 24432 (CGS) |
| 6370.1 | Feb2 | 2229 | Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 15341 (CG) |
| 6520 | Feb2 | 2231 | Voice Of The People (cland.), Goyang. Kor to KRE, tks. Jammed. 23341 (CG) |

| 7110 | Jan28 | 1745 | Radio Ethiopia, Vernacular comments, East African songs. (Méndez) |
|----------------|----------------|--------------|---|
| 7140 | Jan29 | 1553 | Voice of Broad Masses, Asmara, comments, East African songs. Ham QRM. (Méndez) |
| 7205 | Jan30 | 1632 | Sudan R & TV Corp. (p), Al-Fitahab. E (?), tks. If E, relay of VoAfrica? 15331 (CGS) |
| 7254.9 | Jan22 | 0650 | Voice of Nigeria, Abuja Lugbe, Vernacular, comments, at 0658 interval signal, id. "Voice |
| 7231.9 | 5un22 | 0000 | of Nigeria, more Vernacular comments. (Méndez) |
| 7280 | Jan24 | 1707 | V of Vietnam in Vietnamese talks and short music intervals, very clear but a bit overloa- |
| ,200 | Juli2 | 1707 | ded. Via Irish SDR. (Liangas) |
| 7385 | Jan29 | 1610 | PSB Xizang, Lhasa, English, news, comments. // 4905. (Méndez) |
| 7390 | Jan23 | *1259- | R.NZPacific, Rangitaiki. IS, E, nx, wx at 1504. Improving. rtd. at 1500. 25331 (CGS) |
| 7400 | Feb5 | 2133 | Andorra heard at 2133 via local SDR with S9 signal but rather poor reception with lots of |
| | | | local noise and with very trebly sound, rather undermodulated as like someone turned off |
| | | | Dolby while playings a casette and with full treble! Spectrum analyzer shows that very |
| | | | clearly in my radio it's much more noise. Check in central Italy with S10 and splitter in the |
| | | | lab with very trebly sound lacking bass and up to 35 db of fades. Also test in Brazilia BR |
| | | | with signal to S10 but strong fading. (Liangas) |
| 7425 | Feb4 | 1110 | Radio Piepzender, Zwolle, enjoyable music. Announcements in Dutch and English. 3 (CB) |
| 7505 | Jan28 | 0834 | WRNO. Brief English intro to the start of the segment in Arabic; slight variation in starting |
| | | | time. (Ron Howard, Asilomar State Beach, Calif.) |
| 7780 | Jan26 | 2050 | WRMI with religious program in English. Irish SDR (Liangas) |
| 7810.1 | Feb2 | 2233 | Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 15341 (CG) |
| 9100 | Feb4 | 2301 | R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. Adj. uty. QRM. 23441 (CG) |
| 9400 | Feb1 | 1959 | Dardarsha. Arabic with religious style program, ID 1959, with email address etc. (Liangas) |
| 9420 | Feb1 | 1952 | ERA again with -55 dbm in Albertirsa HU KIWI SDR with a song by Alkistis Protopsalti, |
| 0425 | E-h2 | 1720 | song of a today dead lyrics man, Nick Antypas. Special program for him. (Liangas) |
| 9425 9515 | Feb2 Jan24 | 1730 1834 | VoKorea, with opera music with main piano, S9+20 in Hungary. (Liangas) |
| 9515 9530 | Jan24 Jan29 | 1834 | Denge welat with discussions. Irish SDR (Liangas) R.Onda, Borculo. P, Braz. songs, pops, also pops in F. // 6140. 35332 (CGS) |
| 9530 9535 | Feb1 | 0700 | Radio Absua today with good signal via Tambov KIWI SDR Russia. No signal in the local |
| 9555 | 1001 | 0700 | KIWI SDR in Thessaloniki. Checked again 0923 via Tambov, no signal. (Liangas) |
| 9550.1 | Jan24 | 2139 | R.Boa Vontade, Pt. ^o Alegre RS. Rlgs. propag. Closed at 2159. 25342 (CGS) |
| 9610 | Feb1 | 2226 | TRT with the Turkish IS music with ID in Italian poor in THS good in Landesdorf and pro- |
| 2010 | | | gram in Italian, eibi shows English. In Hungary mixed with another station many other |
| | | | KIWI SDRs were to noisy but in Carlow Eire signal was clear. (Liangas) |
| 9620 | Jan24 | 2010 | AIR in DRMmode with \$10 signal with two audio channels French and Raagam, SNR24 |
| | | | DRM B, 16QAM mode. Irish SDR (Liangas) |
| 9635 | Jan29 | 1645 | Radio Mali, Bamako, Vernacular, comments, African songs. (Méndez) |
| 9635 | Jan31 | 1109 | R.Mali, Kati. Vn, tks. 35443 (CGS) |
| 9666.5 | Jan31 | 1105 | R.Voz Missionária, Camboriú SC. Tks. 15341 (CGS) |
| 9666.561 | Feb1 | 0656 | R. Voz Missionária, nominal 9665, now more than halfway to 9667 from 9666, S3-S6 but |
| | | | VG modulation with music, the main/only? overnite ZY on 31m. Have not noticed them on |
| | | | 5939- lately (Glenn Hauser, OK, WOR) |
| 9670 | Jan29 | 1048 | R.Noordzee (HOL) via Channel 292, Rohrdorf. Du, tks, mx. R.Tumbril in E at 1100, clas- |
| 0.675 | F 1.2 | 1000 | sical mx. 35433 (CGS) |
| 9675 | Feb2 | 1900 | R Saudi in Indo instead of published Turkish for that day. Their signal was for armchair listening. Leannasted my radio to the avternal stores and listened for roughly two |
| | | | listening. I connected my radio to the external stereo speakers and listened for roughly two hours until 2100 while doing other house tasks (Liangas) |
| 9675 | Jan24 | 2050 | Saudi radio in Indonesian with sermons. Irish SDR (Liangas) |
| 9073 9819.2 | Jan24 Jan22 | 2030 1917 | R. 9 de Julho, São Paulo SP. Songs. Weak audio. 25331 (CGS) |
| 9835 | Jan23 | 1106 | Sarawak FM via RTM, Kajang. Pops. 35432 (CGS) |
| 9835 | Jan24 | 2030 | NHK with talks in Japanese. Irish SDR (Liangas) |
| 9870 | Feb2 | 1729 | TRT in Turkish as checked via the Cyprus KIWI SDR with -32 dbm and 'deaf' at -60dbm |
| | | | on Albertirsa. There is no record for that frequency in EIBI. (Liangas) |
| 9885 | Feb2 | 1835 | KNLS in Russian, program <i>Impuls</i> with religious talks. Station info at 1845. English win- |
| | | | dow at 1841 for half minute then sermons and gospel song after 1845. (Liangas) |
| 9899.605v | Feb1 | 2136 | via UTwente, R. Cairo English is S9+25 but only modulation is occasional scratches and |
| | | | some hum. Something's always egregious at Egypt (Glenn Hauser, OK, WOR) |
| 9899.606v | Feb2 | 2134 | Check via UTwente, R. Cairo is S9+25/35, with scratchy modulation attempts much like |
| | | | yesterday, or just silence except for some hum. |
| | | | Comments on the WOR iog: From Dan Robinson, ex-VOA: ``As Glenn likes to say there |
| | | | is always something egregiously wrong at Radio Cairo. Perhaps it's time for the DX/SWL |
| | | | community to pitch in for a special delegation of knowledgeable persons to visit to help |
| | | | them out?`` |
| | | | |

| | | | But Christian Milling of SWService in Germany replies: ``I've offered them help a dozen |
|------------------|----------------|--------------|--|
| | | | times, either having a look at the SW txes or bringing on a reliable live stream or checking |
| | | | <i>their leveling issue.</i> Forget it. It will never change`` (Glenn Hauser, OK, WOR) |
| 9900 | Feb2 | 1832 | Cairo with clear carrier, no modulation. Still on the freq after 1900. Music is heard at 1904. (Liangas) |
| 9984.6 | Jan24 | 2030 | Cairo with overloaded audio. Only language cold be indefitified: French. Irish SDR (Lian- gas) |
| 11665 | Jan23 | 1108 | Wai FM via RTM, Kajang. Tks. 35432 (CGS) |
| 11690 | Feb5 | 0955 | Scandinavian Weekend R, Virrat Finnish conversation, Finnish song, www-address // 6170 (AP-DNK) |
| 11720 | Feb5 | 0720 | Scandinavian Weekend R, Virrat Finnish talk, music - weak signal // 5980. Also heard 1425-1430 5980 // 11720 (AP-DNK) |
| 11725 | Jan23 | -1258* | R.NZPacific, Rangitaiki. E, mx oldies px, px anns., fq. change ann., IS. 35443 (CGS) |
| 11815 | Jan29 | 2104 | R.Brasil Central. Braz. folk songs. 45444 (CGS) |
| 11895.1 | Jan30 | 1207 | R.Boa Vontade, Pt.º Alegre RS. Tks. 15441 (CGS) |
| 12255 | Jan30 | 1608 | Reflections Europe - pir. E, rlgs. propag. Audio breaks. // 6295 rtd. 35433. 25342 (CGS) |
| 13700 | Jan28 | 1055 | CNR13, Lingshi Uighur ann, folksongs. // 15390 (AP-DNK) |
| 13770 | Jan28 | 1050 | Voice of Guangdong, Beijing Cantonese conversation. (AP-DNK) |
| 15190.1 15400 | Jan24 Jan29 | 2200 1614 | R.Inconfidência, Belo Horizonte MG. A Voz do Brasil. Vy. weak audio. 25342 (CGS) JBA signal into Kenya SDR, even less into Kuwait, but scheduled now at 1600-1629 is a |
| 13400 | Janz | 1014 | new, or reactivated clandestine which must not be reaching target effectively, as discussed |
| | | | in the WOR iog: |
| | | | Arthur Pozner, near NYC, Wednesday Jan 26 at 1610 UT: ``[WOR] Unknown program on |
| | | | 15400 kHz at 16:00 UTC Not listed, seems to be heavily jammed. Sounds to my ears as |
| | | | one of the Ethiopian languages`` |
| | | | Ivo Ivanov, Bulgaria, 1643 UT: ``Language is Afan Oromo Mon-Wed, Fri, Sat probably |
| | | | via Galbeni from NEXUS IRRS SW from January 21. Registered today in HFCC Data- base`` |
| | | | Arthur Pozner at 1644: ``ID as "IRRS Milano". Music interval from Carmen (Toreador).`` |
| | | | Ivo, Observer, Bulgaria: ``ROMANIA New clandestine broadcast of NEXUS IBA IRRS |
| | | | Shortwave via RADIOCOM Galbeni: 1600-1629 on 15400 GAL 300 kW / 140 deg to |
| | | | EaAf Afan Oromo Mon-Wed/Fri/Sat from January 21, 1600-1629 on 15400 MIL 150 kW / |
| | | | 135 deg to EaAf Afan Oromo Mon-Wed/Fri/Sat in HFCC is wrong <u>https://swldxbulga-</u> ric blogspot com/2022/01/new clandating program of paywe irre btml |
| | | | <u>ria.blogspot.com/2022/01/new-clandestine-program-of-nexus-irrs.html</u> Weak/poor signal of this unknown clandestine broadcast via SDR Tambov Russia on Janu- |
| | | | ary 26`` |
| | | | Kai Ludwig: ``Oromia National Media – Arraata Biyyoolessa Oromiyaa. |
| | | | https://www.nexus.org/member-services/radio-and-tv/schedules/monday-program-sche- |
| | | | dule/ https://www.onm-abo.org/ |
| | | | Based in Toronto: https://www.bizapedia.com/canada/oromia-national-media-arraata- |
| | | | biyyoolessa-oromiyaa-onm-abo.html |
| | | | IRRS had already transmitted them, circa summer 2020 til spring 2021, from Kostinbrod. |
| | | | Seems these guys have found some new money`` |
| | | | The NEXUS program schedule does show this on Mon, Tue, Fri, not on Wed or Thu; Sat |
| 15475.98 | Feb2 | 1500 | & Sun refuse to load (Glenn Hauser, Jan 29, WOR) RCUSB, LRA36 is on again this summery Wednesday, via Brasil SDRs: Pardinho is worst, |
| 15475.70 | 1002 | 1500 | not best, with too much noise; Campo better, but Brasília #2 best. 1535 closing, ``hasta la |
| | | | próxima``, Antártida theme song, but starts over with ``sign-on`` at 1538.7, ``a partir de |
| | | | ``, multilingual IDs, but chopped off air at 1547* (Glenn Hauser, OK, WOR) |
| 15790 | Jan29 | 1113 | World Music R, Randers. Mx & songs. 25432 (CGS) |
| 25800 | Jan29 | 1442 | World Music R, Mårslet. Mx & songs. 25431 (CGS) |
| | | | |

Checking for any activity on 3260 & 3325 (both NBC) and 7325 (WRL), but all found totally silent at 0940 UT, Jan 28. (Ron Howard, Asilomar State Beach, Calif.)

5020, nor on 9545, SIBC. Checking 0920+ UT, Jan 28, without hearing anything. (Ron Howard, Asilomar State Beach, Calif.)

CNR1 // **CNR2**, all frequencies // for the 1200 UT, on Feb 4. Start of the live audio feed from CCTV **coverage of the opening Olympic ceremony**; some announcements in French and English; at 1243, with the Parade of

Nations (Albania, Argentina, Azerbaijan, Latvia, Great Britain, Romania, etc.); checked many other Chinese regional stations, but none found with any coverage. Brief audio attached. (Ron Howard, Asilomar State Beach, Calif.)

Pirate stations

| 3905 | Feb4 | 1848 | R.Sovereign (t) - pir. Pops. T-ID via DX press. 25342 (CG) |
|--------|-------|------|--|
| 3940 | Jan22 | 1843 | R.Free Waves Bay - pir. Ru, children's px? 35443 (CGS) |
| 4875 | Jan30 | 1846 | Mystery R 21 - pir. Pops. 35443 (CGS) |
| 5015 | Feb2 | 2227 | R.Deltracks (p) - pir. Pop mx. 25342 (CG) |
| 5135 | Jan30 | 2201 | Charleston R Int'l pir. Oldies. Uty. QRM on the usual 5140. 35343 (CGS) |
| 5140 | Jan29 | 1710 | Charleston R Int'l pir. Oldies. 35433 (CGS) |
| 5770 | Jan28 | 1902 | R.Sovereign - pir. Pops. 35443 (CGS) |
| 5780 | Jan23 | 1030 | R.Harmony - pir. E, mx & songs. 35443 (CGS) |
| 6265.9 | Jan20 | 1038 | Valley Wave R - pir. Tks. ID via DX press. 15331 (CGS) |
| 6280 | Jan30 | 1623 | R.Panda - pir. Mx, songs. Improving. Country & stn ID via DX press. 15341 (CGS) |
| 6285 | Jan23 | 1508 | R.Scotland Int'l pir. E, mx, pops, e-mail addr. anns. 35443 (CGS) |
| 6295 | Jan23 | 1039 | R.Parade Int'l pir. E, pops. 25342 (CGS) |
| 6300 | Jan23 | 1511 | R.Monique - pir. E, tks, pops. 35332 (CGS) |
| 6294.9 | Jan30 | 1040 | R.Cuckoo - pir. Pop oldies. 25331 (CGS) |
| 6305 | Jan30 | 1625 | R.Baken 16 - pir. E, pops, ref. to rec. rpts. ID via DX press. 15341 (CGS) |
| 6320 | Jan30 | 1625 | R.Joey - pir. Pops. 35443 (CGS) |
| 6325 | Jan23 | 1027 | R.Clash - pir. Songs. ID via DX press. 15331 (CGS) |
| 6925 | Jan28 | 2349 | R. RCW, San Francisco; talk & music. Poor, //7610kHz (LOB). |
| 6931 | Jan20 | 1201 | Indy R via UnID, Spanish? - pir. Cast, pops, songs. DF=So. Spain. 35453 (CGS) |
| 6931 | Feb3 | 1058 | Tested at 1056 via Cordoba KIWI SDR Indy radio on 6931 with fair signal at -80 dbm but |
| 0751 | 1005 | 1050 | clear with Spanish rock songs. ID at 1058 with short talks then back to the music. No signal |
| | | | in Twente so its only local in the Basque county with S7 traces on a very noisy system, The |
| | | | same results on two KIWI SDRs in Portugal! (Liangas) |
| 6950 | Jan30 | 1621 | Zenith Classic Rock (IRL stn) via UnID - pir. E, pops. 35443 (CGS) |
| 6954.9 | Jan22 | 1913 | Zeppelin R, Athína - pir. American oldies. 35342 (CGS) |
| 7610 | Feb3 | 0005 | R. RCW, Chile, San Francisco; pop music selections, male spanish announcements. Poor, |
| /010 | 1005 | 0005 | unreadable (LOB). |
| | | | |

Contributors to the log:

| wb, Wolfgang Büschel, df5sx, wwdxc BC-DX TopNews, | CG/CGS, Carlos Gonçalves, Lissabon, Portugal |
|---|--|
| DXLD, DXPlorer, A-DX | Manuel Méndez, Lugo, Spain |
| Glenn Hauser, Enid, OK, USA (also from WOR/DXLD) | Ron Howard, Asilomar State Beach, CA, USA, |
| AP-DNK, Anker Petersen Skovlunde, Denmark | WOR/DXLD |
| Robert Wilkner, Pompano Beach, South Florida | (LOB) Lúcio Bobrowiec, Embu SP Brasil |
| CB, Christer Brunström, Halmstad, Sweden | Claudio Galaz, Barraza Bajo, Chile) |
| Liangas, Zacharias Liangas, Greece | TB, Tomas Burian, Morava, Moravia |

Don't forget to take a look att Rudolf Grimm's blog here: https://dxways-br.blogspot.com/

Station news

AUSTRALIA. 2368.5, Jan 22 circa 1845, no signal from **R. Symban** into NSW SDR; it's the Greek ethnic station which used to be on 120m years ago but recently reported by someone nearby. Is anyone else hearing it? Found nothing on website about this frequency, but apparently quite active on VHF digital, mentions 151 MHz area. WRTH now shows most such stations are in 206 MHz band (Glenn Hauser, OK, WOR)

Radio Symban is on the air now, 1023 UTC Jan 31, heard with Greek vocal music, S5 into the Freeman's Reach Kiwi SDR. Local storm activity in the Sydney area this evening Regards, (Brian Powell, VK2XBP, Sydney, Australia via WOR)

There, it is just now enjoyable listening... <u>http://sdrvk2ari.hopto.org:8073/?f=2368.43amz10</u> (Kari Kallio via WOR) With thanks to Brian Powell on WOR list for the news I finally logged this interesting Australian radio station with Greek music of the 60s - 80s. Music typical of Greek radio pirates most of them are unknown to me except of a hand-ful. All of these are extinct or unknown singers of the past....

Tested with two kSDRs for better reception: 1522z with S5 on the GRLC kiwi SDR in Forster in AM mode, songs from the 60s and then needed to use narrow bandwidth for better reception. In Hunter Valley even better SNR signal. (Zacharias Liangas via HCDX)

Information about R Symban

The station began transmitting on 151.675 MHz on Sunday April 6th, 1997 from its studio in Sydney, serving the Greek community of Sydney.

On Friday July 25 th 1997 the Greek speaking people of Newcastle, the second largest city of New South Wales awoke to the melodies of Radio Symban, the first and only 24 hour Greek radio broadcast in the city's history. This initial success and the desire to preserve Greek culture through the creation of a radio link between the Greek speaking people of the most populated state of Australia, New South Whales, led Angelo Matsoukas to look beyond the Greek community of Sydney. The first step was completed within three months. On Friday July 25 th 1997 the Greek speaking people of Newcastle, the second largest city of New South Whales awoke to the melodies of Radio Symban, the first and only 24 hour Greek radio broadcast in the city's history. The city of Wollongong soon followed, the third largest urban centre in new South Wales. Soon the Southern Highlands and Central Coast areas followed by mid 1999. In less than two and a half years the dream had been achieved as Radio Symban had set up repeaters in every important urban centre of New South Whales and until this day remains as the only Greek radio station to be broadcasting so far on a 24 hour basis.

On Thursday December 13th 1999, Radio Symban also became the first Greek Radio Station from Australia to be broadcasting live to the world via the internet.

Today Radio Symban continues to broadcast in Greek on a 24 hour basis serving the needs of the greek speaking people of New South Whales and maintains a studio in Sydney, Newcastle, and Wollongong."



QSL from reception in Ängelholm in Dec 26, 2011. /Thomas

BRAZIL.

From WORLDWIDE DX CLUB Top News #1494 February 5th, 2022, original i German. {Wolfgang Bueschel refers me to a much better online translator:}

Brazil is one of the last countries with an extensive, although diminishing presence in the tropics. Using Anker Petersen's Tropical Bands Monitor 2021 as a second source for the following Overview for 2021:

3365 kHz: Radio Cultura de Araraquara (SP) was picked up several times in August in 2021 by the Brazilian reception expert Lucio Otavio Bobrowiec, who lives in the same state and who has recorded his reception reports. However, there were no further reception reports from him either. Previously the station had not been reported internationally since March 2020.

The Brazilian reception expert Rudolf Grimm remarks in the counter-reading of this column: "The other day it was like this: in Araraquara there is a football team, Ferroviaria Futebol Clube. Radio Cultura de Araraquara activated the 3365 kHz during the games of Ferroviaria. Game over, end of the Broadcast." The station is listed in the World Radio TV Handbook 2022, but without broadcast schedule information.

3375 kHz: Radio Municipal, Sao Gabriel da Cachoeira (AM), is listed in WRTH 2022. International reception reports have not been received and registered by either Anker Petersen or Dr. Hansjoerg Biener. The WRTH lists 0700-1200 and 2200-0200 as transmission times, but notes the station as inactive.

4775 kHz: "Radio Congonhas 91.3 FM - A emissora do Bom Jesus", Congonhas (MG), broadcasts 0800-0100 hours on shortwave according to WRTH 2022. The shortwave 4775 kHz was almost not reported internationally at all in 2021 (or was unsafe) and will be broadcast on <<u>http://www.radiocongonhas.com.br</u>> also no longer mentioned. According to Rudolf Grimm the frequency is since 2021 permanently silenced. Prominently on the top left there is a link to the stream (91.3 MHz).

4875 kHz: Radio Roraima, Boa Vista (RR), celebrated 65 years on the air in January 2022. In a news report on January 7, 2022, it was recalled that in its first decades, the station contributed much to the development of the Rio Branco territory in the state of Roraima.

The first real singers, announcers, journalists coming from Roraima were broadcasting on Radio Roraima. In addition, it was referred to the distance learning and sports broadcasts. The station broadcasts 0800-0300 hours on shortwave in 2022 according to WRTH. In 2021 according to Anker Petersen, R Roraima was reported internationally in five out of twelve months, but overall was rare. The stream comes in at <<u>http://radiororaima.com.br</u>> (590 kHz).

4885 kHz: Hardly any other Brazilian tropical band station is reported in the logbook of the Radio Kurier as often as Radio Clube do Para, Belem (PA). This probably has to do with the fact that the station has been broadcasting longer than many other Brazilian stations. The WRTH records a 24-h-operation on 4885 kHz.

In the European morning, you can hear an announcement that also mentions the shortwave: "Clube da Madrugada, na Radio Clube, onda media, 690 kHz, onda tropical, 4885 kHz ..., unha emisora da Rede Amazonica de Comunicacao, Para, Amazonia, Brasil." From time to time programs from Radio Bandeirantes are used. The stream at <https://radioclube.dol.com.br/aovivo> (690 kHz) has a noticeable time offset from the direct signal.

The frequency 4885 kHz is also used weekly by the Voice of Hope for North Korea (4880 / 4885 kHz). The frequency, previously spared from interfering transmitters has been occupied since Nov 2021 by a super-strong North Korean jammer transmitter.

4885 kHz: Radiodifusora Acreana, Rio Branco (AC), have problems with Radio Clube do Para, which is perceived as a stronger signal. According to WRTH 2022, the station broadcasts 0900-0400 hours. Anker Petersen records reception reports for six months, but according to the notes of Dr. Hansjoerg Biener rather sporadic. In Europe the station is reported for four months in 2021 by the Portuguese reception expert Carlos Goncalves, who as a native speaker certainly can distinguish the stations. At <<u>http://difusora.ac.gov.br</u>> one can find working streams at (Difusora A Voz das Selvas) and also <<u>http://aldeiafm.ac.gov.br</u>> (96.9 MHz).

4905 kHz: Radio Relogio, Sao Goncalo (RJ), was broadcast in 2021 and according to Anker Petersen reported internationally in eight of the twelve months. From our own records this impression cannot be confirmed. In the WRTH 2022 the station is listed, but without transmission times.

4925 kHz: According to Anker Petersen, the radio no longer reported as of February. Educacao Rural, Tefe (AM), was reported on 4925 kHz in every month from August 2021. The messages archived by Dr. Hansjoerg Biener refer to midnight UTC, but already in Brazil reception was difficult. "Radio Rural - uma radio por um mundo melhor" broadcasts according to WRTH. 2022 1000-1600 and 2000-0200 hrs on shortwave. In the header of <<u>http://www.radioruraltefe.com.br</u>> you will find the stream (93.9 MHz) in the upper left corner.

4965 kHz: Radio Alvorada, Parintins (AM), was hardly ever reported internationally in the last years and has, according to its own information left shortwave. However, there was an isolated reception report in July 2021 from Lucio Otavio Bobrowiec in Brazil. According to his good name has Anker Petersen apparently decided to include the station in the Tropical Bands Monitor after he had already written it off in 2020. The WRTH 2022 does not list the shortwave. In 2020, 2200-0200 hours was broadcasting time. In the header of <<u>http://www.alvoradaparintins.com.br</u>> you will find the Internet stream (100.1 MHz) in the upper left corner.

4985 kHz: Radio Brasil Central, Goiania (GO), was reported internationally in 2020 in almost reported internationally every month, but hardly ever in Europe. In 2021, neither Anker Petersen nor the rapporteur registered any international reception reports. According to Rudolf Grimm, the frequency has permanently gone silent. Nevertheless, the station announcement could still be heard in the program "Radio Brasil Central, ondas curtas, medias e tropical." The WRTH 2022 still carries the

frequency still without restrictive signs, but without broadcasting times.

5035 kHz: Anchor Petersen notes on Radio Educacao Rural de Coari (AM) "back", but only a small check for November 2021. The last reception in the station file of Dr. Hansjoerg Biener is from July 2019. In the WRTH 2022 the catholic station is no longer listed. (Dr Hansjoerg Biener-D / Anker Petersen-DEN; addx Feb 2022, via wwdxc BC-DX TopNews Jan 16)

Brazil is one of the last countries to have shortwave transmitters in the higher bands for domestic broadcasting:

5940 kHz: Radio Voz Missionaria, Camboriu (SC), is easily identifiable by its frequency deviation downwards. The station of the Pentecostal church Gideoes Missionarios da Ultima Hora was reported in 2021 in each month also reported in Europe (HjB: second half of the night) and regularly also in the Radio-Courier.

The reports in Europe are so frequent that the reporter, in compiling this column, the non-European logs were removed from the station file. At <<u>http://www.radiovozmissionaria.com.br/quem-somos</u>> one finds not only the reference to the shortwaves 5940, 9665 and 11750 kHz, but also an aerial view of the transmitter site at Rua do Empreendedor 732. On the website one also finds the link to a stream <<u>https://www.radiovozmissionaria.com.br/radio/?w=janela></u> which used to work, but not during the current search.

6010 kHz: Radio Inconfidencia, Belo Horizonte (MG), is reported internationally much less on 6010 kHz than on 15190 kHz, but often enough so that the frequency can be considered as fairly regularly active. Carlos Goncalves in Portugal reports the station in the hours before midnight UTC. On the website <<u>http://inconfidencia.com.br</u>> one finds prominently the streams of "AM 880 O gigante do ar" and "100,9 A Brasileirissima." The shortwaves 6010 and 15190 kHz (ID "Inconfidencia, 880 AM, <inconfidencia.com.br> ") are still mentioned in the station history.

6080 kHz: "Radio Marumby. A Emissora da Paz", Curitiba (PR), was in 2021 first reported in Brazil. The reports archived by Dr. Hansjoerg Biener are scattered over the year, so that the frequency can be considered as fairly regularly active. All messages from Carlos Goncalves (in five months) referred to after 2100 hours. On the website <<u>http://radioevangel-ismo.com/index.htm</u>>, except for the landing page every link refers to the stream at <<u>http://radioevangelismo.com/radion-line.htm</u>>

6135 kHz: The reception reports noted by Dr. Hansjoerg Biener for Radio Aparecida, Aparecida (SP), referres to the first half of 2021 only. Reception was also possible in Europe in all months, so that one can be assumed that Radio Aparecida will cease broadcasting on the frequency.

The WRTH 2022 does not carry this shortwave frequency anymore, in contrast to the other Aparecida frequencies. According to Rudolf Grimm, all three, 6135, 9630 and 11855 kHz, are permanently silent. A Radio de Nossa Senhora was originally founded to accompany the pilgrimage to the patron saint of Brazil. You can get the stream at <<u>http://www.a12.com/radio-am</u>>

6160 kHz: Radio Boa Vontade, Esteio / Porto Alegre (RS), was hardly reported internationally in 2020 and also hardly in 2021. However 6160 kHz is also a house frequency of WBCQ Monticello (Maine), which makes the reception of Radio Boa Vontade in North America and Europe rather unlikely. More on the station at 9550 kHz.

6160 kHz: The WRTH 2022 lists, without further information, besides Radio Boa Vontade on 6160 kHz, also Radio Rio Mar, Manaus (AM). In June 2020 Celio Romais from Brazil reported that the station was operating with a limited 1100-1400 hours broadcast schedule. According to Rudolf Grimm, both Radio Rio Mar frequencies (6160, 9695 kHz) have been permanently silent since 2019. At ">https://radioriomarfm> you will find the link to the stream (103.5 MHz) at the top in the middle of the black bar.

6180 kHz: "Radio Nacional da Amazonia, a sua voz na radio brasileira", Brasilia (DF), was heard internationally on both a reasonably regular basis on 6180 kHz as well as more frequently on 11780 kHz. The direct signal comes clearly before the current at https:/radios.ebc.com.br/aovivo?emissora=radio-nacional-da-amazonia>

[Part 2 following in TopNews #1495 next week. wb.] (Dr. Hansjoerg Biener-D, addx Feb 2022, via wwdxc BC-DX TopNews Jan 16) (via WOR)

INDIA. Jan 31 - Posted to dxindia iog: The youtube channels of AIR External services are now available in https://newsonair.gov.in/AIR-External-Services.aspx [Dec 29 programming - Ron] Yours sincerely, Jose Jacob, VU2JOS (via Ron Howard)

NEW ZEALAND. Radio New Zealand has had some discussion of the recent communications issues in Tonga. Two different programs have looked at angles.

The Detail: Getting Tonga on the line: <u>https://www.rnz.co.nz/programmes/the-detail/story/2018828425/getting-tonga-on-the-line</u> This is more of a look from the personal perspective compared to the institutional perspective of Mediawatch.

Mediawatch: Covering Tonga's eruption - without communications:

https://www.rnz.co.nz/national/programmes/mediawatch/audio/2018828282/covering-tonga-s-eruption-without-communications This segment of Sunday's program mentions unsuccessful efforts by hams in Australia and California to reach out to people in Tonga.

Both show how fragile our contemporary world truly is in these strange times. (Stephen Michael Kellat, Ashtabula, Ohio via WOR)

SOLOMON ISLANDS. Solomon Islands Shortwave Update. [WOR]

I have been in dialogue with Martin Hadlow who has been the WRTH collaborator for Solomon Islands. At my request he has been in touch with SIBC and he has just advised:

Have had a response from the SIBC in Honiara.

Their MW transmitter is on and working OK. The problem is with the Japanese manufactured transmitter on shortwave. (I think the one TX runs both 5020 and 9545 frequencies). The SIBC technical team is getting advice from the Japanese manufacturer. The equipment came back on-air briefly a few days ago, but is off again now. They are working as hard as they can to get it fixed.

(Regards, Bryan Clark via WOR)

Re: [WOR] 4940 kHz. - From Colombia or Venezuela?

I think that the identification "La Montaña" makes no sense at all, it is based on the fact that when this station first went on the air, for some time it was advertising a religious movie called "La Montaña", but I think it has nothing to do with the name of the station.

It is more realistic to identify it as "Fuerza de Paz", since it is common to hear "Escríbanos a Fuerza de Paz...", without really meaning that this is the name of the station. I believe that they are not interested in identifying themselves, nor in giving any e-mail address so that the DX-ers do not bother them, in my opinion they are not interested in reception reports, they only want to receive correspondence from the people to whom their message is addressed.

I heard a different ID on January 5 and it was as follows:

0610 UTC program "Lecciones de la Historia", at 0614: "Hola amigos, les invito a escuchar esta su emisora Alcaraván Llanero", Llaneras songs.

At that time it was identified as "Alcaraván Llanero", but I never heard that identification again. Las llaneras are typical songs from the plains of Colombia and Venezuela.

This is my opinion about this station.

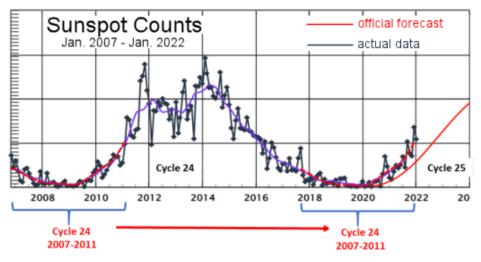
(Best 73, s Manuel Méndez, Lugo, Spain via WOR)

Other radio news

[WOR] Solar Cycle 25 - a different point of view

For much of the past year, the space weather community has been buzzing about <u>the strong performance</u> of young Solar Cycle 25 (SC25). Every month, sunspot numbers seem to blow past official predictions. This means we're about to have a strong Solar Maximum, right?

"Not so fast," cautions Dr. Ron Turner, an analyst at the <u>ANSER</u> research institute in Virginia. "It may be too early to anticipate a strong solar cycle.". This graph shows why Turner is skeptical:



Solar Cycle 25 is doing something interesting. It is mimicking old Solar Cycle 24 (SC24). "I took sunspot numbers from the early years of SC24 (the red dashed line) and overlaid them on SC25," says Turner. "They're an almost perfect match."

This is significant because Solar Cycle 24 went on to become <u>the weakest solar cycle in a century</u>. Its hot start did *not* lead to a strong maximum. Turner isn't saying that Solar Cycle 25 will likewise be a dud. But, rather, "these early sunspot numbers are not enough to guarantee a strong cycle."

Déjà vu, anyone? From <u>https://spaceweather.com/</u> (Mike Terry via WOR)

New museum to recognize Warsaw radio station that was second biggest in the world

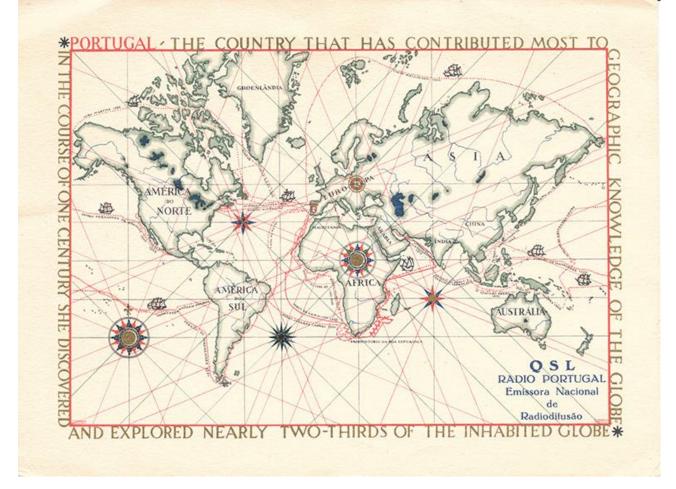
In memory of what was once the second tallest radio transmission station in the world, scientists are looking to set up a museum to commemorate its history. Built after Poland regained independence at the end of the First World War, by 1923 half of Europe was sending telegrams to the USA via the Transatlantic Radiotelegraphic Broadcasting Center in Warsaw.

Consisting of 10 massive 126-meter-tall towers [over 430 feet], the radio station's transmitter was powerful enough to reach both North and South America.

The Warsaw station was also one of the best equipped in the world with two machine transmitters of 200 kW each being powered by a 500 kW diesel-powered generator ensuring 24-hour communication with the U.S. When WWII broke out following Hitler's invasion of Poland, German troops captured the station allowing the Nazis to communicate with their U-boat fleets and with Japan. At the end of the war, they destroyed it, the detonation of which broke windows of houses over 16 km away.

Read more at: <u>https://ampoleagle.com/new-museum-to-recognize-warsaw-radio-station-that-was-second-biggest-in-the-p15646-96.htm</u>

Thanks to Ray Crawford for spotting this piece. ([WOR] NZ DX Times items, Feb)



Radio Portugal used this QSL in 1962.

[WOR] European private SW stations, Feb edition

See <u>https://aer.org.es/wp-content/uploads/2022/01/EuropeanSWfeb2022.pdf</u> (Glenn Hauser via WOR)

Re: [WOR] Tropical Bands Monitor, Jan edition

See https://aer.org.es/wp-content/uploads/2022/01/2022.pdf

I see that it fails to mention the WRMI spurs on 4975, 4985, the WTWW spurs about 5072 & 5098, the Progreso spurs about 4747 & 4783, which might be a source of confusion for anyone not familiar with my reportage. 4975 is especially obvious whenever 4980 be on.

(Glenn Hauser via WOR)



Världsradiodagen närmar sig och SDXF planerar en specialsändning på kortvåg.

SPECIALPROGRAM PÅ VÄRLDSRADIODAGEN

Den 13 februari varje år firas Världsradiodagen på initiativ av FN och UNESCO. Sveriges DX Förbund deltar i firandet med en sändning på kortvåg söndagen den 13 februari 2022 enligt följande schema:

12.00-13.00 UTC på 9670 kHz med repris kl. 16.00-17.00 UTC på 6070 kHz via Channel 292 i Tyskland.

Som vanligt innehåller programmet ett antal intervjuer med välkända representanter för den svenska DX-världen samt diverse andra kortare inslag. Det blir dessutom en hel del trevlig musik. Programmet har ställts samman av Göran Lindemark.

Vi hoppas på god mottagning! Hälsningar, Christer Brunström

Swedish DX Association, By Christer Brunström, January 19, 2022

February 13 every year is World Radio Day, an initiative of the UN and UNESCO. Of course, the Swedish DX Association also wants to be part of the celebration. It will take place with a special broadcast on Sunday, February 13, 2022 according to the following schedule: 12.00-13.00 UTC on 9670 kHz with replay at 16.00-17.00 UTC on 6070 kHz via Channel 292 in Germany.

As usual, there will be interviews with famous people in the Swedish DX world, nice music and various other short features. The program has been compiled by Göran Lindemark.

We hope for a good reception! <u>https://tinyurl.com/IARU-Sweden</u> (Glenn Hauser via WOR)



"There was a radio in every house, on every tone. Almost every shepherd had a transistor receiver hanging around his neck.

In Russian.

The radio was listened to attentively and willingly, starting from the program of programs and ending with the weather report. The weather was never missed – the work depended on it, and often the lives of many of them. "

Andrey Nikitin TREASURE OF THORSTEIN THE RED

https://vk.com/club3877182?w=wall-3877182_36647%2Fall (Nikolay Rastoropov, Russia <u>https://vk.com/club3877182</u>) (RUS-DX #1171)

Surprise and outrage Germany: Russia stopped Deutsche Welle

- RIA Novosti, 04.02.2022 (ria.ru)

Deutsche Welle (DW), a federal state institution of the Federal Republic of Germany, began broadcasting to the USSR in 1962. In Soviet times, the short-wave radio signal was sometimes jammed, then, already in the Russian era, te-chnically obsolete radio broadcasting ended, replaced by the Internet and satellite. Today, on the occasion of the 60th anniversary of the federal institution, the head of the Moscow bureau of Deutsche Welle, Yuri Resheto, received an official order from the Russian Foreign Ministry to close the correspondent office until 09:00 on Friday and return the accreditation of employees.

It seems that the determination of the accrediting party was a complete surprise for the German (mostly – actually Russian) employees of DW. "The Russian authorities will not dare to close us down." Although on February 2, on Wednesday, the Russian Foreign Ministry published media reports that seemed to leave no room for illusions. In response to the ban on RT DE in Germany, the Russian side announced that it meant:

(a) Closure of the DW office;

b) termination of accreditation of all employees of the DW bureau;

c) termination of SATELLITE and other broadcasting of DW on the territory of Russia;

d) initiating consideration of the issue of recognition of DW as foreign media outlets performing the functions of a foreign agent;

e) launching the process of forming a list of representatives of state and public structures of the Federal Republic of Germany involved in restricting the broadcasting of RT DE, which is not intended for publication, who will be banned from entering the territory of Russia.

(https://ria.ru/20220204/germaniya-1770984526.html)

(RUS-DX #1171)

[NORDX] Roger Wallis - Radio Sweden - har avlidit R.I.P.

Roger Wallis har avlidit enligt Aftonbladet.

Jag kom ihåg honom via sitt specialprogram lördagar över Radio Sweden.

https://www.mixcloud.com/mickcapewell5/roger-wallis-radio-sweden-saturday-shows/ (John Ekwall)

PS. Jag minns hans **Saturdayshow** mycket väl och med värme! Programmet var ju berömvärt hörbart i hela Norden och i stor del av Europa.

Det var något nytt och populärt på den tiden. Det sändes både på mellanvåg och dels på kortvåg.Det var en viss och absolut höjdpunkt av veckoslutet även i Finland. Roger hade här en stor och trogen grupp av regelbundna lyssnare, varav väldigt många just dxare. Han fick också mycket post just från Finland, som han svarade på i nästan varje program med hans träffande engelska humor. Jag hade lyckan att träffa honom i Stockholm två gånger. En stor personlighet! R.I.P.

(Kari Kallio via NORDX)

Mer information:

https://www.aftonbladet.se/nojesbladet/a/v5yqXl/roger-wallis-ar-dod

https://en.wikipedia.org/wiki/The_Saturday_Show_(Swedish_radio_program)

https://sverigesradio.se/artikel/632642

https://shortwavearchive.com/archive/radio-sweden-saturday-show-studio-recording-march-4-1978

https://www.mixcloud.com/embola1605/radio-sweden-stockholm-sweden-the-saturday-show-6-september-1975/ (Kari Kallio via NORDX)

Sorry to hear this news.

Roger Wallis was co-host with Kim Loughran of the Radio Sweden Saturday Show of the 1970s. I was a regular listener (on shortwave).

The Saturday Show was refreshing departure from the usual shortwave fare, in particular its satirical take on Swedish domestic politics and life. The Saturday Show was one of the key subjects of my dissertation "An Alternative Programming Strategy for International Radio Broadcasting," University of Minnesota, 1979. (Kim KD9XB via WOR)

[WOR] Ukraine vs Russia, Radio War

I have been behind the times of late and have just started researching radio stations on the border inside Ukraine and ran into the following information links. The first report is from a group I had never heard of before. Seems legit, just seems like an odd source for military/political news. This recent article is about the Ukranian Army using small radio stations along the border to counter Russian "disinformation". This seems to go back as far as 2016 or so and this info may not be new to many of you at this point, but this article just came out in December. I will not get into my take on the politics of the area as that is not what this forum is for, so I hope to leave all opinion out of my post. I place this here strictly as a note about the use of "civilian" radio to spread and counter disinformation as well as the use of a countries military staff to operate radio stations inside their own borders. I know this is not at all uncommon given the Armed Forces Radio Network and Radio Free Europe hay days and all. A sort of "resistance" movement if you will I suppose. It's something the bulk of the public here in the US is mostly unaware of unless you were stationed abroad as part of military service or lived in the cold war era.

https://coffeeordie.com/ukraine-army-fm/

Additional source about the origin (dated in 2016): https://uacrisis.org/en/40752-armia-fm

A further "blurb" indicated Ukraine is getting ready to deploy jamming and other electronic countermeasures in the area against the Russian captured radio and television stations.

https://www.unian.info/war/10849613-hi-end-jamming-systems-to-be-installed-in-ukraine-s-donbas-to-block-separatist-tv-radio-stations.html

A short report about the number of frequencies "seized" by Russia over the last few years: <u>https://www.minre.gov.ua/en/news/oleksii-reznikov-russia-has-seized-700-frequency-assignments-tot-ukraine</u>

Info specific to Jamming of primarily non-broadcast communications (tactical military primarily): https://www.thedrive.com/the-war-zone/30741/ukrainian-officer-details-russian-electronic-warfare-tactics-including-radio-virus

Last, an NPR program about partial private US funding of the Army FM system in the Ukraine: https://www.npr.org/2016/08/01/488273997/american-charity-backs-military-radio-station-in-ukraine

Interesting stuff. Likely not new to many of you but I do find the nature of all this interesting.

Thank you all for keeping all manner of radio/television information and this group in particular alive.

/Sean, KB8JNE (Kari Kallio via NORDX)

[NORDX] [WOR] Canary's onetime SW station

Dogs, birds, a volcano, a radio station on a small island off the coast of Africa

It was at 3:13 pm on Sunday September 19 (2021) that a massive volcanic eruption began at the Cumbre Vieja Volcano on La Palma Island in the Canary Islands, 60 miles off the west coast of North Africa. More than 22,000 earthquakes were measured in the first week of seismic activity; volcanic ash and a turbulent cloud of volcanic gas rose 4 miles high; 6,000 people including 400 tourists were evacuated to a neighboring island; twin lava flows up to a quarter mile wide have engulfed villages and small towns; and the lave flow has reached the oceanside, with the resultant chemical reaction coughing out dangerous toxic gases. Large blocks of lava the size of a three storey building have been seen rolling down the hillside.

Audio Insert: REE recent news report

As seen at night time on La Palma Island, the pyrotechnic display in brilliant colors of fiery white and volcanic red is most spectacular, were it not for the tragic loss of homes and possessions and animal life, though fortunately no human life has been lost. According to the latest news reports, the vigorous volcanic activity still continues. Two dogs were trapped upon a small grassy patch, with a flow of lava around them. Local authorities fed and watered the dogs with the use of a drone, though they were subsequently rescued surreptitiously by unnamed personnel. The name for the Canary Islands is derived from the Latin word for dog, canis, of which there were several breeds in early historic times. The popular yellow bird, the canary, was also found on these islands and they were introduced through Spain to Europeans in general. The bird was named the Canary because it came from the Canary Islands.

The Canary Islands are a Spanish archipelago in the Atlantic Ocean, and the island cluster is made up of eight major volcanic islands, together with an unnumbered host of smaller islands and ocean rocks. The original inhabitants were tribal peoples from the nearby African continent, followed subsequently by European peoples from the Iberian peninsula. The total population in the Canaries is more than two million, and their income is derived from agriculture and tourism, with normally 12 million holidaymakers visiting each year. There are two capital cities in the Canary Islands, Santa Cruz on Tenerife and Las Palmas on Gran Canaria. The island of La Palma, which is enduring the volcanic upheaval, is different from Las Palmas, which is a city on a different island (Gran Canaria). The island called La Palma, is a volcanic island that rises four miles above the sea floor. It is noted for its series of natural and manmade water tunnels and irrigation canals.

For the first 40 years of its radio history, La Palma Island was dependent upon local reception of programming from mediumwave broadcasting stations that were installed upon other islands in the Canary Island cluster. However around 1960, a radio broadcasting station was installed on La Palma Island, and interestingly, it was a shortwave station. **La Voz de la Isla de la Palma** was a low powered station with just 350 watts in the 7 MHz shortwave band. The initial frequency was listed as

7385 kHz, and soon afterwards it was shown as 7390 kHz, though subsequently, the operational channel was adjusted to 7345 kHz. The shortwave station on the island of La Palma in the Canary Islands was on the air for a decade or so, and it was replaced by a mediumwave unit in 1966. The initial channel for La Voz de la Isla de Palma on mediumwave was 1385 kHz, though four years later this was changed to 1098 kHz. Likewise the original callsign was ECS16, though subsequently this was

officialized as RNE5, indicating in reality a relay service from the government radio service in Madrid Spain.

The usage of mediumwave on La Palma was phased out around the turn of the century, and all local radio coverage on the island, government and commercial, is now on standard FM. While we are still talking about the Canary Islands, would you believe it, there is a Canary Island in the Australian state of Victoria. This Canary Island is a small inland island formed by the Loddon River, 160 miles northwest of the state capital Melbourne. Ten people live on this island, and there is a community church building, but no radiostation. (Adrian Peterson, IN, script for AWR Wavescan Dec 12, 2021)

Re: [nordx] Odd news about the Russian buzzer on 4625 kHz

Referat ur WOR-prat runt företeelsen: "

"The popular Tambov **KiwiSDR now has 4620 to 4630 missing**. Just a black band on the waterfall. Censorship? Noted at 19:30."Walt

"Yes & No. Telecom laws don't allow to report about those telecommunications which are not for the public. If authorities would keep this law no utility band were listenable at all. Now, perhaps, they enforced the existing laws, you can turn to nowhere against it, this is legal what Tambov SDR did, it was illegal to allow utility band or band segment to be there or on most SDRs as well as nonSDRs.

This is what the telecom laws over 95% of the world says. Perhaps someone asked the SDR owner to close that band part out of its repertoire. Look, Russian authorities don't care if you listen something until you don't misuse it. They also don't care about shortwave pirates if they stay under the radar and don't do dangerous, sily, unacceptable and not tolerable things. When they or other Europeans/Asians/Africans ddiscover that you became stoupid, they also will be stoupid with you. The same is applied to North Korea where the rules are clear, no religious material is allowed to bring in, but if someone is agitating agressively for this or that God, that person shall not wonder if he pulls trouble onto his head.

This also employable against those HAMs in the United States, who are defecating onto the world's HAM etiquette and bringing in anti-Cuban messages into a band which is not for that, then they shall not wonder that they are jammed by the Cubans. Now, it seems someone stepped over a boundary and jammed UVB76 and they want to defend themselves.

UVB76 has the right to do that. Because that station legitimatelly uses that frequency for decades. Plus, the jammers don't know (we also don't) what this UVB76 is doing, what is the aim of its existence. It is the strangest station what I ever heard in my life. Perhaps the jammers jammed an innocent station, perhaps not." Tibor Gaal

"Maybe they simply decided to block that portion of spectrum due to the high number of requests coming from people curious about the "waterfall art" war which is visually jamming the station. "Andy

"Malarkey! I'm also seeing 7050 and 7055 LSB censored You can't call it anything but that." Walt

"Yes Walt, you are right, because this 7050 and 7055 are where the HAM radio war is going between Russians and Ukrainians. I canot say else that this HAM band is not for that purpose to do radio war, this is also completely against the HAM etiqqette, HAM spirit shall not be this degeneration what these war makers are doing. "Tibor

"You are right, I had to do the same on my remote receivers, starting with Perseus already almost 10 years ago and now on KiwiSDR. 4625 kHz listeners occupy all the slots." Mauno

"It not so recent that Tambov SDR censored the 7xxx. Frequencies I seen the same a few days if not weeks ago. Not only in Tambov but also in a few in Ukraine and Russia. To add, you can listen in most other SDR in the e Europe for Better." Zach

The question raised is interesting and intricate. In my youth there was a paragraph from the Radio Law quoted on the radio license that it was forbidden to listen to radio transmissions which were not intended for the general public. An exeption, evident but not mentioned there, was amateur radio. The law was meant to protect privacy (like radio telephone conversations ship-to-shore between sailors and their families at home) and the secrecy of official communication by radio between govenments etc. For a period in the 1960'ies and 1980'ies I was listening to utility stations but seldom I was danger to trespass on the law mentioned above, since what we heard was usually a so-called voice mirror for the distant station to tune in and assure good communication, and when the contact was established, the

communication turned over to scrambled speech.

It is probably not legal to listen to police radio, still this has been done in many countries.

Amateur radio has got its code of honour since 1928. According to the IARU in 2021 it is still valid. One of the points is: The Radio Amateur is

"PATRIOTIC... His station and skills are always ready for service to country and community"

This of course refers to the radio amateur's obligation to assist in cases of emergency. History is full of examples showing that many radio amateurs have actually given their service to the country and community, and even acted in international soldarity when needed.

It is not mentioned however, that radio amateurs should avoid dealing with politics and religion in their activities. This is where the US hams mentioned have made a grave mistake by engaging in a radio war against Cuba. Such activities are not only harmful, in the long run; amateur radio as a whole is at stake. In this case the unbiased attitude of radio amateurs is just as important as that of the members of the Red Cross.

World Radio Listeners and DXers are not so affected. However, it is wise not to engage in political arguments in contacts with radio stations, positive or negative. It is wiser to limit our contacts to technical, cultural and personal issues. This is quite enough.

(Ullmar Qvick via NORDX)

Universal Radio is closing down



Dear Friends Of Universal Radio,

Time waits for no one, and that includes Barbara and myself. We have decided to retire and our current location in Worthington will close on November 30, 2020. Even though the store is closing we will fulfill all existing customer orders and have a large amount of inventory to close-out. The Universal Radio website will be maintained for the foreseeable future to sell this remaining stock, publications and some select products. Unfortunately the lack of a store front showroom will preclude us from carrying some manufacturers' products.

I am very fortunate to have been in the radio business for over 50 years, 13 at Radio Shack and 37 at Universal Radio. We have met many wonderful people along the journey who have supported me personally as well as Universal Radio. It has been a privilege to have a continuous career in the fascinating field of radio since 1969.

Please accept our sincere "Thank You" for your support of Universal Radio for these many years, and for the months to come.

Thank you.

(73, Fred Osterman N8EKU, Barbara Osterman KC8VWI)

This disappearing space object is emitting giant, highly-polarized radio bursts every 20 minutes

Astronomers have discovered a "really weird" object 4,000 lightyears away from Earth, a study published in <u>Nature</u> on Wednesday said. The object disappears from view every other minute and emits a giant burst of radio waves three times an hour.

Read all about here: https://www.cbsnews.com/news/space-object-radio-bursts-magnetic-neutron-star/

The **Murchison Widefield Array** (**MWA**) is a joint project between an international consortium of organisations to construct and operate a low-frequency radio array. Operating in the frequency range 70–300 MHz, the main scientific goals of the MWA are to detect neutral atomic Hydrogen emission from the cosmological Epoch of Reionization (EoR), to study the sun, the heliosphere, the Earth's ionosphere, and radio transient phenomena, as well as map the extragalactic radio sky. It is located at the <u>Murchison Radio-astronomy Observatory</u> (MRO).

The Telescope



The Murchison Widefield Array (MWA) is a low-frequency radio telescope in Western Australia. The front-end of the MWA consists of 4,096 spider-like antennas arranged in 256 regular grids called 'tiles', spread over several kilometres within the Murchison Radio-astronomy Observatory (MRO).

SDRAngel

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| Signal Analysis | Cross platform | For Developers |

| Signal Analysis | Cross platform | For Developers |
|--------------------------------|---------------------------|---------------------------|
| Real-time, overlapped spectrum | • OS: Windows, Linux, Mac | API for remote control |
| • 2D spectrogram | • CPU: x64, ARM, Power | GUI or server |
| Time domain oscilloscope | | • Expandable with plugins |
| Radio astronomy measurements | | Open-source |

Read more at:

https://www.sdrangel.org/

https://www.youtube.com/watch?v=WDEEQHDguEM

How Yuri Levitan became the voice of Victory and Hitler's personal enemy.

His voice was hated by the leaders of the Third Reich and awaited by all the inhabitants of the USSR. Yuri Levitan did not fight and did not know military secrets, but it was his special services that protected him as the apple of their eye, and the Nazis searched everywhere. How did yesterday's student suddenly become one of the most important people in the country? This is told by the program "Incredibly interesting stories" with Alexey Korzin on REN TV... Details in Russian - <u>https://onair.ru/main/enews/view_msg/NMID_82172/</u> (OnAir.ru)

(RUS-DX # 1170)

Mantelwellensperren



Immer wieder sieht man in A-DX an sich kompetente und freundliche Händler die versuchen den DXern für Mantelwellensperren das Geld aus der Tasche zu ziehen. Es geht auch viel einfacher wie am Foto zu sehen ist!

Again and again you see in A-DX competent and friendly dealers who try to pull the money out of the pockets of the DXers for RF-chokes. It's also much easier to do as you can see in the photo!

(Christoph Ratzer via A-DX)

2022 editions of ENDBH / GNDBH / NANDBH handbooks and CDs

Many thanks to SWLing Post contributor, Michael, who shares:

The 2022 editions of my NDB handbooks and CDs are ready now and have once again been updated extensively to reflect the latest changes and monitoring results.

The new GNDBH contains the details of more than 17100 NDBs worldwide. It is the perfect listening companion for radio listeners who use the extensive and ever-growing network of WebSDRs.

The updated ENDBH shows the data of more than 8300 NDBs, and the new NANDBH features more than 5900 NDBs.

Please find all relevant details [on this PDF document]. Once again, I'd like to thank all fellow NDB DXers for your continued support! Please keep up the good work, I do appreciate your direct input to keep the handbooks up to date! vy 73 + gd DX, Michael, ENDBH, GNDBH & NANDBH editor https://ndbchangeblog.blogspot.com https://www.ndblist.info/beacons/NDBpublications2022.pdf (via SWLingPost)

Pirates Spammed an Infamous Soviet Short-wave Radio Station with Memes.

The UVB-76 numbers station took a break from being a suspected communications tool of Russian intelligence to blast 'Gangnam Style'

https://www.vice.com/en/article/y3vbjj/pirates-spammed-an-infamous-soviet-short-wave-radio-station-with-memes-uvb-76

(https://vk.com/dxing / https://swling.com/blog/2022/01/radio-waves-data-rx-via-web-sdrs-mystery-signals-from-spacepublic-medias-role-in-democracy-and-pirates-spam-uvb-76/)

(RUS-DX # 1170)

An old timer's experience with SLBC (ex-Radio Ceylon)

Let me introduce myself as an old time listener of Radio Ceylon (currently named as SLBC).

In 70's and 80's, SLBC was dominant in the SW bands (please remember in those days there was minimum of RF interference - like we have now the overwhelming white noise from TVs/Mobile Towers/CFL based lamps and other such modern devices). We are all aware of the immensely popular Binaca (or Cibaca) Geet Mala hosted by legendary Shri Ameen Sayani at 2000 hrs. 1ST on Wednesdays on 11800 Khz -- on some evenings this 25-meter band was so crowded that some analog radios (most of us didn't have digital tuning etc on the portable or table top receivers) had added band spread option particularly for 25m band. The table top radios (valve based) had a magic eye to show the tuning quality and I remember the quality for reception for SLBC was most of the time very good - they were probably using a 250 KW transmitter. I was, those days (in 70's), living at Jaipur near Delhi

The attached advertisement from an old magazine provides the wide extent of transmission schedule of SLBC – please note that Hindi programs were widely distributed during the day as also the English programs. Even recently (4-5 years back) the English program in the mornings was popular on 19m band and also we had late evening Hindi programs till 2200hrs 1ST on 25m band (11905 KHz). The 41 m and at 7 1 90 Khz was usually weak. It is to be noted that both English and Hindi programs even in the mornings was heard clearly even in North-East India (I have myself tried listening from Silchar, Assam few years back in the mornings upto the end of transmission at 1000hrs. And Silchar is more than 3000 kms from Sri Lanka!) The Hindi program listeners were majority from North Indian States and also from Maharashtra.

There was a group of listeners from Jumri-Taliaya which became famous (otherwise an obscure village in erstwhile Bihar -- now Jharkhand). And there were similar groups spread out across India. Also note that even till past few years there

was regular transmission from SLBC at 11905 Khz during 1400 - 1 700 hrs. 1ST covering the four main South Indian languages (Kannada/Telugu/Tamil and Malayalam).

Another important point is that SW transmission of All India Radio (Vividh Bharati and the Urdu Service which were extremely popular) has stopped since one year (only option is internet or cellphone app) – thus this is also best opportunity to get SLBC dominate the SW!

Finally, it seems SLBC has also started live streaming on internet http://220.247.227.6:8000/Asiastream

But I was never comfortable with this option. And also they may have a cellphone app.

Well now it's unfortunate that SLBC which is the oldest SW station in South Asian region (on the air for more than 80 years) has very limited transmission (only few hours in the morning) due to various financial issues faced by SLBC. Only recently SLBC has started Middle East transmission at 11750 Khz during 2200-2400 hrs which is a privately sponsored program. It covers four languages (English/Tamil/Sinhalese/Hindi) --Madam Jyoti Parmaralso is one of the presenters.

Well, the only hope of the listeners is that SLBC revives (if required, to use sponsors etc) its morning Hindi and evening Hindi transmission and morning English transmission. It will surely become very popular with the listeners in India (and other neighboring countries) and bring back the glory of yesteryears to all of us.

<text>

They should also advertise on various social media like FB/WhatApp and the usual print media etc.

I look forward to the day when above suggestion is implemented by the SLBC.

(Prof. Ranjan Gupta, IUCAA, Pune, India via Asian DX Review, Volume 40 – No. 568) Prof. Ranjan Gupta, member of International Astronomy Union and Astronomical Society of India is a PhD from Physical Research Laboratory, Ahmedabad in Upper Atmosphere and Instrumentation. He was a Scientist at Indian Institute of



Geomagnetism (IIG), Colaba, Mumbai, India. Afterwards, he joined the IUCAA (Inter University Center for Astronomy & Astrophysics), Pune where he supervised many PhD students in the field of Astronomical Instrumentation, Interstellar Dust and Applications of Neural Networks to Stellar Spectra. Retired in 2018 he is currently a consultant at IUCAA. (Asian DX Review, Volume 40 – No. 568)

Braun T1000CD



The T1000 was very advanced in its day (mid 60s) and costed a little fortune. Today it is a collectors item because of its design, more than anything else. It was designed by the famous architect / industrial designer Dieter Rams. Surviving samples of the Braun T 1000 CD or its predecessor the T 1000 fetch very high prices in the usual 2nd hand electronics websites, particularly if they come with a white dial instead of the usual black one (this was a very limited edition of the T 1000 CD). I have seen these prices only rising with the time, and they are likely to keep rising (in case you want to look at it as an investment).

It covers the entire HF radio spectrum between 130KHz and 30MHz in 12 segments, and it incorporates a BFO control for the decoding of CW and SSB signals, as well as several controls to customize the

audio delivered through the elliptical speaker to the left of the front panel.

It has a very pleasant audio, and that is perhaps, together with the design, its most outstanding feature (has several tone or bandwidth controls that allow sound "customization"), particularly if you tune to FM stations.

The quality of construction is amazing, or I'd rather say, luxurious, with no costs spared or compromises of any kind. Great, solid German technology of back then, at its best. For example, switching short, medium or long wave bands in the T 1000 is done by means of a rotary drum which contains all the coils. Well, that drum features contacts made of solid gold... The cabinet has a beautiful finish of brushed aluminum.

As a DX receiver the T 1000 CD has its shortcomings though, if we compare it with more modern domestic multi-band receivers available in today's market).

The AGC is perhaps among its weak points (when disengaged you will likely miss some of the weaker stations, and when engaged you will need constant adjustment to avoid saturation, so it is not so automatic after all). The BFO control is not the forte of this radio either, though there is indeed one as a (quite unique) feature of a receiver in its class, of that era. Sensitivity towards the higher end of the HF spectrum is not particularly great (20MHz and above), but just passable. Overall, a more than acceptable multi-band shortwave receiver for casual listening but not really a "DX machine" by today's standards.

And, most of all, a true classic of modern design that makes part of the permanent collection displayed at the Metropolitan Museum of Modern Art in New York (MOMA)

(https://www.gsl.net/ea4bb/EA4BB/Braun T1000CD.html)

European, Private Shortwave Stations

February 1st 2022

Only legal stations are included. Most stations use low power, but a few use several kW. Note that UTC is used here - not CETI Abbreviat ions used: 0 = Germany, DNK = Denmark, FIN = Fin land, NL = Netherlands, NOR = NorwayF.pl.: future plan. Inf I = International, Irr. = irregular, LT = Local time, 24/7 = twenty-four hours a day, seven days a week

| N | Mo = Monday, Tu = Tuesday, We = Wednesday, Th = Thursday, Fr = Friday, Sa = Saturday, Su = Sunday | | | | | |
|-------|---|-------------------------------|------------------|--|--|--|
| kHz | Country | Name | Transmitter site | Schedule - UTC | | |
| 3955 | D | Radio Channel 292 | Rohrbach Waal | Daily 0700-2000 & 2200-0600 | | |
| 3975 | D | Shortwave Gold | Winsen | Daily 0700-2100 | | |
| 3985 | D | Shortwaveservice | Kall-Krekel | Daily 1500-2100 | | |
| 3995 | D | НСЈВ | Weenermoor | 24/7 | | |
| 5895 | NOR | The Sea / Radio Northern Star | Bergen | Silent, but renewal of license granted | | |
| 5920 | D | НСЈВ | Weenermoor | Daily 0700-1705 | | |
| 5930 | DNK | World Music Radio | Bramming | 24/7 | | |
| 5940 | NL | Radio Piepzender | Zwolle | | | |
| 5955 | NL | Sunlite | Westdorpe | 24/7. F.pl.: Daily 0400-1700 | | |
| 5970 | DNK | Radio208 | Hvidovre | 24/7 | | |
| 5980 | DNK | Radio OZ-Viola | Hilleröd | We 2200-2300 | | |
| 5980 | FIN | Scandinavian Weekend Radio | Virrat | 1 ^{rt} Sa LT of the month (22-08 & 14-17) | | |
| 5990 | NL | Lomp Radio | Klazienaveen | F.pl. | | |
| 6005 | D | Shortwaveservice | Kall-Krekel | Daily 0900-1700 | | |
| 5005 | NL | Radio Delta International | Elburg | F.pl from March 27 th 2022 - evenings | | |
| 5020 | NL | Radio Delta International | Elburg | Su 0600-1500 | | |
| 5055 | DNK | Radio OZ-Viola | Hilleröd | Sa-Su 1200-1400 | | |
| 6070 | D | Radio Channel 292 | Rohrbach Waal | 24/7 | | |
| 5085 | D | Shortwaveservice | Kall-Krekel | Daily 0800-1800 (Radio MiAmigo Inti) | | |
| 5115 | D | Radio SE TA 2 | Gera | Irr. (0900-1200 UTC) | | |
| 5125 | NL | Radio Europe | Alphen a/d Rijn | Irr. (1400-2300 UTC) | | |
| 5140 | NL | Radio Onda, Belgium | Borculo, NL | Irr. (mostly weekends) | | |
| 5150 | D | Europa 24 | Datteln | Daily 0800-1605 | | |
| 5160 | D | Shortwave Gold | Winsen | 0800-1500 | | |
| 5170 | FIN | Scandinavian Weekend Radio | Virrat | 1 ^{rt} Sa of the month (08-14 & 17-22) | | |
| 6185 | NL | Radio Piepzender | Zwolle | Irr. | | |
| 7340 | NL | Radio Delta International | Elburg | F.pl. | | |
| 7365 | D | НСЈВ | Weenermoor | 0900-1500 | | |
| 7425 | NL | Radio Piepzender | Zwolle | irr. (1800-0800 UTC) | | |
| 7445 | NL | Radio Piepzender | Zwolle | Irr. (0800-1800 UTC) | | |
| 7575 | NL | Rockpower | Nijmegen | Daily | | |
| 9530 | NL | Radio Onda, Belgium | Borculo, NL | irr. (weekends) | | |
| 9670 | D | Radio Channel 292 | Rohrbach Waal | 24/7 | | |
| 11690 | FIN | Scandinavian Weekend Radio | Virrat | 1 ^{rt} Sa of the month (08-10 & 17-22) | | |
| 11720 | FIN | Scandinavian Weekend Radio | Virrat | 1 ^{rt} Sa LT of the month (22-08 & 10-17) | | |
| 15700 | D | World Music Radio | Randers | F.plfrom March 27* 2022 | | |
| 15785 | D | Funklust | Erlangen | DRM-modulation | | |
| 25800 | DNK | World Music Radio | Marslet, Aarhus | 24/7 | | |

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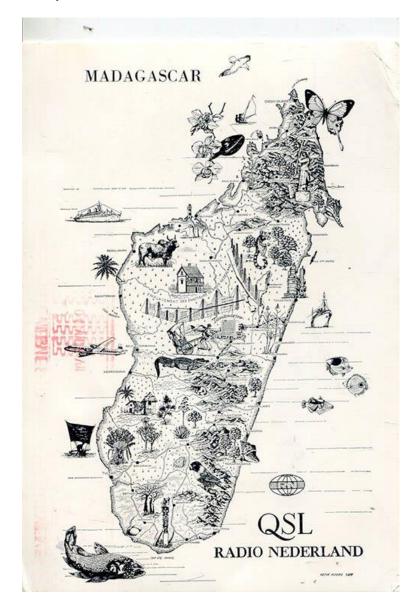
This list is published by Hartvig Media ApS each first day of the month - based on details supplied by the radio stations, the stations websites, monitoring observations, H FCC registrarions, and some presumptions. The list is not copyrighted and may be published everywhere. Subscription by email is free of charge; write to shmgwmr.dk.

DX nostalgia by RFK

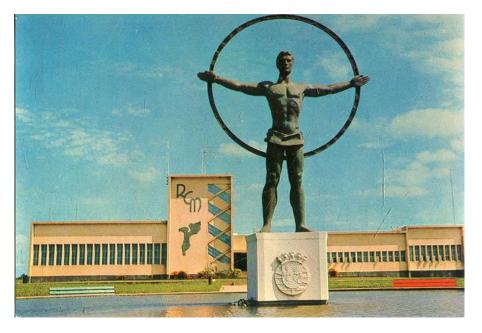
Once QSL cards used to be a natural thing to have for most broadcasting stations. It did of course help if any radio amateur, "ham", was involved in the operation as they knew perfectly well the meaning of a QSL. But even the rest of the staff usually did have some knowledge about the hobby and the thrill of catching distant radio signals. In some cases it may even have been a source of pride for the station to refer to the letters from abroad while others may have seen the long distance reception as a technical failure while the transmitter was intended for serving a local area. In any event the knowledge about our hobby was better then and it was not uncommon to find members of the radio staff who were actually DX-ers themselves. After all it would be a logical start of a career in radio.

As we know all this has changed as new generations have taken over the actual operation of stations. Our hope is that one day somebody at the station will start seeing the nostalgical value of the hobby and start printing real QSL card again. After all this is much cheaper and simpler today than it used to be. Meanwhile we can always dream of bygone days, when beautifully stamped letters from exotic locations filled our letterboxes.

One of the most DX-friendly radio stations was definitely Radio Nederland. They used to verify with special QSL cards for their various relay stations. This card was received by Olle Alm for a report of the station at Talata-Volonondry in 1972.



Another African QSL from the collection of Olle Alm: Radio Clube de Moçambique, showing the broadcasting house in Lourenço Marques. It confirms Olle's reception of the regional station in Beira on 4890 kHz.



Radio Clube de Moçambique had a very popular and successful service called LM Radio beamed at South Africa – a sort of Africa's answer to Radio Luxembourg. Here we see pop star Cliff Richard visiting LM Radio. If you want to know more about this operation check out <u>http://www.lmradio.org/</u>



Radio Agricultura in Chile sent Olle this pennant with the QSL text on it.



Costa Rican Radio Columbia on 4825 kHz was a station focusing on news and novelas (soap operas). From the text and design of the QSL card you would imagine that there was a radio amateur involved. Sure it was! The manager was a ham and definitely knew what a QSL was all about.

| | VOUS AVEZ ENTENDU USTED ESCUCHO YOU LISTENED T. I. L. X. |
|-------|--|
| | CADENA de EMISORAS COLUMBIA |
| - | APARTADO 708 — SAN JOSE, COSTA RICA. |
| | TO SWL Olle Alm WE ACKNOULEDGE YOUR RECEPTION |
| | OF RADIO COLUMBIA on 14825 Khz. At 20:30 HRS. LOCAL - GMT |
| | DATE Diciembre 9 19 83. THANKS FOR YOUR QSL CARD, 73 |
| | Technical Data: Xmtr PWR 10 KW. Antenna QUAD 2 ELEMENT |
| | Other used frequencies: 760, 1060, 1160, 1240, 1320 1460 and 1520 Khz. |
| 1 | NEWS - SPORTS - RADIOTHEATER ENTERTAINMENT AND EDUCATIONAL PROGRAMS. |
| 11/10 | |

The station manager of Radio Columbia with his ham station which was housed at the premises of Radio Columbia. A great way of combining business with pleasure.... If you want to see more historic radio station photos do check out https://worldradiohistory.com/ which is a goldmine of anything related to radio history.



The last nostalgia item for today is OA:s 1958 letter from XEWW La Voz de la America Latina desde Mexico. Your contributions are always welcome: QSLs, clippings, photos or anything you can think of. Please mail me at info @ rock.x.se. For now: take care, stay safe and GOOD DX!

OFICINAS Y ESTUDIOS PLANTAS TRANSMISORAS CALZ, TLALPAM 3000, COAPA, 0 CADENA RADIODIFUSORA MEXICANA, S.A. 15160 KC 9500 KC 900Kg XEW X E W W AMERICA LATINA DESDE MEXICO MEXICO, D.F. June 20, 1958 250.000 W 0.000 Mr. Olle Alm Kattilhult Soderakra, Sweden Dear Sir: We are pleased to verify your reception of our transmition on April 9th, 1958 for XEWW 9500 kcs our -short wave frequency. Thanks very much for your kind report, we hope to have your atention in the future. Cadena Radiodifusora Mexicana, S.A. LA VOZ DE LA AMERICA LATINA DESDE MEXICO, XEW Y XEWW 0 ano Gloria Granados Correspondence Department.