

The **NASA** Journal

VOLUME LXI NUMBER 10

OCTOBER 2021



North American Shortwave Association – America's Shortwave Broadcast Club

Quality Communications Equipment Since 1942

Portable Shortwave Receivers

ETON ELITE MINI

The Elite Mini an amazing worldband radio at an amazing price. Enjoy AM, FM and shortwave coverage 5.6-10 and 11.65-18 MHz with dimmable digital display, scanning, clock-alarm and protective case. **\$29.95**



ELITE FIELD

The Elite Field receives AM, FM and SW 1.7-30 MHz with 50 memories, bass, treble, FM stereo with RDS, wide/narrow bandwidth, Bluetooth®, dual tune speeds and includes AC adapter. Optional case. **\$129.95**



ELITE 750

The Elite 750 is the ultimate longwave, mediumwave, shortwave, VHF air portable. For full details and current pricing call or visit our website! **\$399.95**



SANGEAN

ATS-909X2

The Third Generation ATS-909X2 is the new flagship of the Sangean line. Enjoy superb LW, MW, SW and VHF Air reception. Large LCD, multiple bandwidths, 1674 memories, FM-RDS, more! **\$319.95**



TECSUN PL-660

The full featured PL-660 provides AM, FM, VHF Air and shortwave, including SSB, at an affordable price! **\$109.95**



PL-880

The PL-880 offers an amazing 9 bandwidths and other features usually only found in a communications receiver! **\$159.95**



PL-990

The new PL-990 is an impressive mid-sized LW/MW/AM/FM/SW/MP3 portable with great sound. **\$269.95**



C.CRANE

SKYWAVE

The SKYWAVE put quality worldband radio in your pocket at the right price. Also includes VHF Air and weather! Only 4.75 x 3 x 1.2 inches! **\$79.95**



SKYWAVE-SSB

The compact SKYWAVE-SSB does it all. AM, FM, shortwave with SSB, VHF Air and weather! Only 4.75 x 3 x 1.2 inches! **\$149.95**



Radio Communications Books



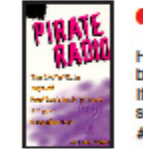
Shortwave Receivers Past & Present 1942-2013 Fourth Edition By Fred Osterman

A comprehensive guide to over 1700 shortwave communications receivers and 1200 variants manufactured from 1942 to 2013 by 370 manufacturers in 40 countries. Over 1800 photographs are presented in this 800 page hardcover book. ©2014. Fourth Edition. **#0004 \$49.95 Sale! \$39.95**



World Radio TV Handbook 2021 - 75th Anniversary Edition

This long established publication is filled with schedules, frequencies and addresses of shortwave broadcast stations. Organized primarily by country. Also includes a by-frequency listing of shortwave broadcast stations. Plus interesting articles, maps and radio reviews. **#2021 \$49.95 \$46.95**



Pirate Radio By Andrew Yoder Includes an audio CD!

Here is the incredible saga of America's underground, illegal broadcasters. From early pirate broadcasting to current times. It's all here. 326 p. Includes an audio CD with segments from some of the most famous, infamous and notorious pirates. **#3038 \$29.95 \$19.95**



Discover DXing! By J. Zandio Third Edition

A great introduction to DXing the AM, FM and TV bands. Includes: propagation, seasonal conditions, equipment, antennas, reference materials, best bets for hearing 50 states on AM, plus FM and TV information and tips. **#0009 \$6.95**



Guide to Utility Stations By Joerg Klingentuss 2021-2022 Edition

Simply the best guide to non-broadcast stations. Nearly 10,000 frequencies 0-30 MHz for CW, SSB, AM, RTTY and FAX. Fully updated every two years. 31st Edition ©December 2020. 550 pages. **#0809 \$59.95**



Listening to Longwave By Kevin Carey

Your introduction to the fascinating basement band of the radio spectrum. Includes: who is on the air, LW reception equipment, listening tips, sounds of nature: Whistlers, Tweaks, Dawn Chorus and other radio atmospheric, navigation beacons, time stations, broadcasters, NAVTEX and Lower band. 98 pages. **#0024 \$6.95**



Joe Carr's Loop Antenna Handbook By Joe Carr

Here is a comprehensive, but readable guide to understanding and building loops for longwave, medium wave, shortwave and VHF. Loop antennas can be very effective, even if you have limited space and a tight budget. **#0016 \$19.95**



Worldwide Listening Guide By John Fjellz

This book covers all of today's formats: live on-demand, podcast, satellite, internet, digital, analog, AM, FM, shortwave and Wi-Fi. Learn what can be heard how, where and when! Spiral bound 9th Ed. 192 pages. ©2019. List \$29.95. **#1044 \$28.95**



Buying a Used Shortwave Receiver By Fred Osterman

This affordable market guide features the top 100 most sought after portables and tabletops produced in the last 20 years. Photo, specs, features, ratings, plus new and used values for each. Fourth Ed. ©1998 URR. 78 pages. **#0444 \$5.95**



Universal Radio, Inc.
752 N. State St. Unit 222
Westerville, Ohio 43082

614 866-4267 Telephone
dx@universal-radio.com
www.universal-radio.com

www.RFfun.com or
www.universal-radio.com

- Prices and specs. are subject to change.
- Returns subject to a 15% restocking fee.
- Informative equipment archive on website.
- Special Note: We no longer have a showroom, but we ship Monday through Friday.

FLAT RATE SHIPPING
Up to \$50.00 \$6.95
\$50.01 - \$100 \$8.95
\$100.01 - \$500 \$9.95
\$500.01 - \$1000 \$14.95
USA except AK, HI, PR.

Visit our informative website for used radio books, literature and memorabilia.

In This Issue

NASA Notes	4
Musings.....	5
Listening Review	7
International Broadcasting.....	7
Shortwave Center.....	9
The Robinson Report.....	19
Listener's Notebook.....	22
Pirate Radio Report.....	34
Scoreboard.....	38
Contributors' Page.....	40
Loggings.....	41
On the Short Waves.....	50
Index	52

NASA Notes

Richard A. D'Angelo • 2216 Burkey Drive • Wyomissing, PA 19610 • rdangelo3@aol.com


We have another good cover this month thanks to John Herkimer. Guam is still on shortwave thanks to the broadcasters Trans World Radio (KTWR) and Adventist World Radio (KSDA). The top portion of the cover features KTWR with an envelope, QSL card, and pennant. The bottom portion of the cover features KSDA with an envelope, QSL card and pennant. The beautiful postage stamp of Guam separates the two scenes. There is plenty of listening to Guam on shortwave that is still possible so check Listeners Notebook for broadcast schedule information and the latest updates about Trans World Radio and Adventist World Radio broadcasting schedules.

Andrew "A.J." Janitschek of Radio Free Asia ("RFA") we learn that RFA has removed the map, with pins, from their Automated Reception Report System (ARRS) at <http://techweb.rfa.org> but they are planning to eventually update it. That page needed an update for a while and they are currently looking at what Google, Amazon Web Services, and others may provide. Also, the pandemic continues to hamper RFA's ability to confirm reception reports quickly. Instead of days or weeks, it now takes months before they get to most reports. They ask for your patience but also feel free to write them at qsl@rfa.org to follow up on any RFA reception reports you've sent, but have gone months without hearing from the station.

Unfortunately, this month's edition of The Journal will not contain Alan Roe's Listening Review column. He has been quite busy with some home construction projects that resulted in not being able to listen to

shortwave much less find the time to write about it. Alan will be back again next month. However, this month's bulletin contains some excellent reading in the Shortwave Center where editor John Figliozzi has two major articles this month. The first is by Alokesh Gupta with the story behind All India Radio Leh's 50th anniversary. The second is The History and the End of Rampisham/Dorset Shortwave Transmitter written by Charlie Connelly. Some excellent reading this month!

Don't forget about Radio Free Asia's ("RFA") 25th anniversary QSL that is now available. RFA first broadcast was in Mandarin on September 29, 1996 at 2100 UTC. RFA concentrates coverage on events occurring in and/or affecting Cambodia, Laos, Myanmar, North Korea, the People's Republic of China, and Vietnam. This is RFA's 77th QSL and used to confirm all valid RFA reception reports from September - December 2021. RFA encourages listeners to submit reception reports. Reception reports are valuable to RFA as they help us evaluate the signal strength and quality of our transmissions. RFA confirms all accurate reception reports by mailing a QSL card to the listener. RFA welcomes all reception report submissions at <http://techweb.rfa.org> (follow the QSL REPORTS link) not only from DX'ers, but also from our general listening audience. Reception reports are also accepted by email at qsl@rfa.org and by mail to: Reception Reports, Radio Free Asia, 2025 M. Street NW, Suite 300, Washington DC 20036.

That's it for this month. Enjoy this month's edition of the JOURNAL; it's another good one. 

Unity and Friendship

Musings

Jerry Lineback • 4422 Sierra Del Sol • Paradise, CA 95969-8116 • jalinebk@gmail.com

Please e-mail your Musings, preferably as MS Word attachments, to jalinebk@gmail.com or mail to Jerry Lineback, 4422 Sierra Del Sol, Paradise, CA 95969-8116. Please note that the deadline for contributions to the November issue is October 27, 2021.

Eric Bueneman, 631 Coachway Lane, Hazelwood, MO 63042-1347

The month of October is a landmark month for me, especially as a DXer. October of 2021 marks 40 years since I started in the DX hobby. When I was a kid growing up on Lamplight Lane in Hazelwood, I discovered that I could hear radio stations outside the Saint Louis area on the MW (AM) broadcast band. The first out-of-town signal I heard was WBBM (780 kHz) out of Chicago. When I was in sixth grade, I discovered other stations, like the other 50,000-watt MW (AM) stations out of Chicago, as well as WLW (700 kHz) Cincinnati, OH, WSM (650 kHz) Nashville, TN, WSB (750 kHz) Atlanta, GA and KOA (850 kHz) Denver, CO. In September 1980, when I was in the eighth grade, I heard Radio Moscow on 600 kHz via CMKV Urbano Noris, Cuba. It was then that the DX bug bit me. Even with a local on 590 kHz (WRTH Wood River, IL, now KFNS), the Cuban had minimal adjacent channel interference from the 1,000-watt local. It was then that I knew I had to get a shortwave receiver. I would later pull in image transmissions from shortwave broadcasters like Radio Canada International, the Voice of America, WYFR and HCJB above 1600 kHz. On October 21, 1981, I bought a Realistic DX-60 portable receiver (which I still have) at my local Radio Shack. When I turned it on for the first time, a whole world opened up for me. I was hearing perspectives on the events of the time that I could not hear on my local radio stations, even my local 50,000-watt blowtorch, KMOX (1120 kHz). The first morning I had the receiver, I listened to Radio Australia as I was getting ready for school. I homebrewed my first antenna (a broken hacksaw blade connected to speaker wire) the following month; I pulled in the Voice of Nigeria on 15120 kHz with that antenna. Within a year, I also got into serious MW (AM) broadcast band DXing, followed by FM broadcast band and TV DXing. I joined my first club (the now-defunct ASWLC) in May of 1982. I would be in several other clubs before I started my sophomore year of high school. Through these clubs, I met local DXers like Terry Klasek and the legendary Rich Eddie (both of whom are no longer with us). In October of 1982, I upgraded to a Realistic DX-200 tabletop receiver (which eventually became my main MW receiver), adding a Realistic DX-400 in June of 1985 for shortwave DX. Between August of 1988 and June of 1991, I DXed from Woodstock, GA. I made a longwire antenna I put in the baseboard of my bedroom for shortwave DX, followed by an antenna made with speaker wire and a metal coat hanger when I relocated across the county line to Marietta. I've been at my current location since the end of June 1992. I began DXing the NOAA Weather Radio band (162.400-162.550 MHz) in January 2001

and digital TV (ATSC-1 format) in September 2005. I also monitor VHF/UHF Public Service communications; various police and fire departments from within 100 miles of my shack are programmed into my Uniden Bearcat BCD996P2 scanner. The DX hobby was a natural precursor for my entry into Amateur Radio; I was first licensed as a Technician Class licensee in October 1992, upgrading to a General Class license in June 2007 and an Extra Class license in May 2012. I mainly work my fellow Hams on HF and VHF. I also occasionally talk on the Citizens' Band (some Hams call it "the Chicken Band"); I have a Uniden Bearcat 980SSB for the Citizens' Band, mainly monitoring Channel 19 in AM mode and Channel 38 in LSB mode. I added a new aspect to my hobby in November 2018, when I went on my first DXpedition to Babler State Park in Wildwood, MO. I also worked in the broadcast industry, mainly as an announcer and studio engineer, for 22 years, primarily for small commercial outfits, public broadcasters and a Christian radio outreach. The deregulation of the broadcast industry in the United States brought an end to my broadcasting career in July 2009. Since the beginning of the COVID-19 pandemic, I've been spending plenty of time in my shack. My current setup includes a Sangean ATS-803A, which I purchased at a Hamfest in October 1995. This is my main shortwave receiver. I also have a Yaesu FRG-7, which I occasionally use for shortwave, but mainly use for MW (AM) BCB DX, which I purchased at a Hamfest in January 2011. In August 2020, I added a software-defined receiver in the form of an SDRplay RSPdx, which I have set up for shortwave and MW (AM) broadcast band DX, as well as monitoring VHF/UHF Public Service communications. For antennas, I use a homebrew 30-foot longwire with my Sangean and Yaesu receivers, along with an Apex 303WA-2 vertical with the FRG-7 and the SDR. Many historic events have happened in the 40 years since I began in the hobby, including the Cold War, the fall of Communism in Eastern Europe, 9/11 and one I spent many nights in the shack monitoring communications: the 2014 riots in Ferguson, MO. It has proven, to me, that radio allows us to be witnesses to history.

73 and good DX from the Florissant Valley Dial Twister.

Jerry Alice Lineback, jalinebk@gmail.com, Paradise, CA

I am sending Musings in early this month because of travel plans. Thanks to Eric. Please contribute to Musings. I am scheduled for knee replacement in November, Covid willing. Meanwhile, I hurt.

Be good and listen often, Jerry Alice.

These pages are open for your contributions.

Please remember to direct all communications about subscriptions, bulletin delivery issues, the use of PayPal as a payment method, etc. to Rich Cuff at the club's new business address P. O. Box 3292, Allentown, PA 18106 or to his e-mail address, hq@naswa.net. Thanks!



Listening Review

Alan Roe • 33 Athara Road • Teddington, TW11 9PA, United Kingdom • alan-roe-swl@randa33.co.uk

As mentioned in NASWA Notes in this issue, Alan will be back next month. Hopefully his home construction projects have produced the desired results and he will be back behind the dials soon.

International Broadcasting

Kim Andrew Elliott • 5001 25th St. North • Arlington, VA 22207 • kimelli@verizon.net
<http://www.kimandrewelliott.com>

Shortwave Radiogram: Internet alternative

September was not a rich month for news about international broadcasting. I am using the lull to promote my shortwave radio project Shortwave Radiogram. When you listen to Shortwave Radiogram, you hear some voice and music at the beginning of the half-hour show, but mostly it's strange noises. Those strange noises are digital modes that have been used for years by radio amateurs, but they also can be transmitted on and received from shortwave broadcasts. Just patch the audio from your radio (even a cheap portable with no SSB will work) to a PC with the Fldigi software from w1hkj.com.

The schedule and other information about Shortwave Radiogram are available on swradiogram.net. Results from listeners can be seen at the Twitter account [@SWRadiogram](https://twitter.com/SWRadiogram) or, if you are not a Twitter user, twitter.com/swradiogram.

The important part of Shortwave Radiogram is the text. We transmit text using mostly

the MFSK32 (120 wpm) and MFSK64 (240 wpm) modes. These modes (especially MFSK32) do a good job of overcoming weak signals, fading, and interference. They can serve as a useful replacement for the internet, which is censored and blocked in a growing number of countries.

One great advantage of the MFSK modes is that they can also transmit pictures. The MFSK images add visual information to the text news stories and they are fun to decode.

Most of the images transmitted on Shortwave Radiogram are color. Black-and-white images can be transmitted more quickly, thus tend to be larger. And because photos in these inside pages of the NASWA Journal are black-and-white, below are examples of a 1930s-era shortwave transmitter of the Czechoslovak Radio, part of the Shortwave Radiogram show September 2-5. It is 280 x 203 pixels and transmitted in one minute, three seconds. They were

received by Shortwave Radiogram listeners or by me via SDRs.

See Kim's projects: <https://twitter.com/kaedotcom> and <http://swradiogram.net>



Sept 2, 2341 UTC, 9265 kHz from WINB, received in Switzerland.



Sept 3, 1311 UTC, 15770 kHz from WRMI, received in Vermont.



Sept 4, 0241 UTC, 9265 kHz from WINB, received in Cuba.



Sept 5, 0811 UTC, 5850 kHz from WRMI, received in Virginia.



Sept 5, 0811 UTC, 7730 kHz from WRMI, received in South Australia.



Sept 5, 2341 UTC, 7780 kHz from WRMI, received in the Czech Republic.

Shortwave Center

John Figliozi • 45 Algonquin Rd • Clifton Park, NY 12065 • jfiglio1@nycap.rr.com

Welcome to October, which marks the start of what we hope will be a promising 2021-22 DXing season. (Let's hope it's the opposite of the New York Mets' baseball season that mercifully is ending simultaneously.)

This month we have two feature articles provided to us from prominent names and publications in our hobby. Enjoy, and stay healthy and safe.

SHORTWAVE STATION PROFILE

All India Radio Leh celebrates 50th Anniversary

By Alokesh Gupta, VU3BSE
Asian DX News

Leh, a sleepy town located in the Leh district, is the capital and largest town of the Union Territory of Ladakh, which is known as the "Land of High Passes." It is situated in the northern most tip of India. It was also the historical capital of the Himalayan Kingdom of Ladakh, the seat of which was in the Leh Palace. Unlike other districts in India, the Ladakh Autonomous Hill Development Council (LAHDC) is in charge of governance in Leh. Ladakh was part of Jammu & Kashmir which became a separate Union Territory on the 31st of October 2019.

Leh is at an altitude of 3,524 meters (11,562 ft) and is famous for its high altitudes and numerous passes connecting various locations in the difficult terrain. It is one of the most sparsely populated regions in India and has a cold desert climate with long, cold winters and minimum temperatures well below freezing for most of the winter. During the winter months in Ladakh, the stocking of batteries along with other essential supplies is the way of life. This tells the importance of Radio in the lives of people living in snowbound remote areas of Ladakh. **All India Radio Leh** has been a platform for providing many youngsters an opportunity to upgrade their talents and showcase them to the world.



During my 2013 visit to Leh, I took the opportunity to visit the **All India Radio (AIR)** station at Leh via a prior appointment. Presently the station setup consists of one 10 kW SW transmitter, one 20 kW MW transmitter & two 100 Watt FM transmitters. One of the highest altitude radio stations, AIR Leh station was inaugurated on 25 June

1971 with a 10 kW Nippon Electric MW transmitter on 1050 kHz. However on 23rd Nov 1978 frequency was changed to 1053 kHz due to a MW frequency reshuffle from 10 kHz to 9 kHz spacing as per international radio regulation. Its name was changed from **Radio Kashmir** to **All India Radio Leh** on 31 October 2019 when Ladakh became a separate Union Territory of India.

A two-term Member of Parliament for Ladakh, Kushak Bakula Rinpoche, was instrumental in establishment of the **AIR Leh** station in 1971. It was foresightedness and continuous persuasion that helped landlocked Ladakh to connect with the rest of the world with radio services. Kushak Bakula Rinpoche continuously pursued the Indian Govt. to set up radio services to reach out to Ladakhis. Understanding the urgency and importance of establishing communication and information, the Indian Government set up a Ladakhi unit in Delhi and sent 85 minutes of Ladakhi language programs daily by Air to Srinagar. Later, a similar setup was made for **Radio Kashmir** in Srinagar. Broadcasts were heard by Ladakhis through village level community radio sets and loudspeakers. In a reply to a question in Lok Sabha by Kushak Bakula Rinpoche, then Information Broadcasting Minister IK Gujral assured him that the setting up of the Radio Station at Leh was in progress and programs for listeners in Ladakh and the neighborhood will be increased considerably. Finally, then J&K Planning and Cooperatives Minister Sonam Wangyal inaugurated the **AIR Leh** station in 1971. Ever since, **AIR Leh** has become a lifeline in the Ladakh region. In 1970 the Ladakhi language was on the verge of extinction, but in 1971 a blessing came with the installation of the radio station in a single wooden room. The first station director of **AIR Leh** was K.P.Shunglu and first station engineer, M.S.Talwar and first Ladakhi broadcaster Tashi Angdus (Nyachu).

AIR Leh studios and offices are located in the city and the MW & SW transmitter site is located 5 kms away at Choglamsar. The same program is broadcast on MW & SW in parallel. On FM, **FM Rainbow** is relayed from New Delhi. There is a small emergency studio near the transmitters The antenna is a self-radiating mast 115 meters high. At the time of my visit there was no electricity at the transmitter site and an electricity connection was requested. The transmitter site used to run on three 125 KVA generators.

There are three studios, talk, music, and drama, which are located on first floor. Its offices and program dept. are located on the ground floor. The low power FM Transmitter is also located in the first floor. The complete building is internally heated due to the very cold weather there. There are six 62 KVA and two 63 KVA generators to run the station. A Yagi antenna at the top of the building is used as a studio to transmitter link.

In 1986, 10 kW NEC Japanese-made shortwave transmitter Model HFB-7840 was installed at Choglamsar site. The shortwave transmitter is running on low power (2.5 kW) since Jan 2017 due to technical issues.

During a survey by **AIR** in 2018, it was found that in many households in nearly every village of Ladakh region the demand of shortwave reception was very high. However due to low power, the shortwave transmitter does not provide enough power to cover remote areas of the Ladakh division. It was suggested that this region could be fairly covered by upgrading the existing shortwave transmitter with new 50 KW DRM ready transmitter with the NVIS mode of propagation. The presence of large numbers of hills makes it very difficult for radio propagation. Line of sight propagation like FM is very difficult to implement as number of transmitters would be very large to cover

every shadow zone. Medium wave requires good ground conductivity, which is also very scarce in Ladakh area. The coverage of 20 KW MW transmitter of Leh is just 50 Km in any direction.

In 2002, the wooden studio building of **AIR Leh** was completely gutted by fire and all recorded Ladakhi music, electronic equipment and important documents were lost. However, on 29 May, 2008, a new concrete building was inaugurated along with a 100 watt FM transmitter and Satellite Uplink Station by then Jammu and Kashmir Chief Minister Ghulam Nabi Azad, hence enhancing the reach of the world's highest radio station. It was linked to low power transmitters at Nyoma, Khaltsi and Diskit, thus introducing the youth to FM broadcast.

On the 6th August, 2010 there was a flash flood in the city of Leh, which severely damaged the transmitter site of **All India Radio**. The Hindustan Times reports that "Water has gushed through [the **AIR** building], sweeping furniture and equipment helter skelter, and a dish on top the building



is contorted beyond recognition – from the impact of a truck that was swept against it." Fortunately, there were no casualties among **AIR** staff. Rainwater and mud slushes entered inside the transmitter hall causing damage to transmitter as well as diesel generators, causing the station to go off air for few days. Shortwave transmission on 4760 kHz was noted back on air on 10th Aug, 0230 UTC and MW broadcast on 1053 kHz was back on 18th Aug at 1404 UTC. Some small structures inside **AIR Leh** were damaged and two AIR officials from Delhi were rushed to Leh to restore satellite connectivity.

On 4760 kHz, the morning & night frequency of **AIR Leh**, another rare station **AIR Port Blair** was also operating more or less at the same times, making it somewhat difficult to pick up **AIR Leh** in faraway places. Even then many enthusiastic DXers in other parts of the world could pick up the Leh station. Now that **AIR Port Blair** has left SW, catching **AIR Leh** is easier.

AIR Leh's allotted frequency of 4760 kHz has been noted drifting occasionally in the past. Interestingly, for almost two and half years from around 21 Aug 2011 to around 19 Dec 2013, their SW transmitter was noted on 4660 kHz instead of 4760 kHz. This gave an opportunity to DXers to log this rare outlet as **AIR Port Blair** also used 4760 kHz. In Nov 2011 Leh was on 4748 kHz for some time. The SW transmitter was also off air for some periods from time to time.

On the 26th Nov, 2019 **AIR Leh** went online as **HIAL** founder and Ramon Magsaysay Awardee Sonam Wangchuk inaugurated live streaming of AIR, enabling listeners from anywhere in the world to tune into AIR Leh using android mobile phones and computers.

Transmitter Details:

MW - 1053 kHz

25 June 1971 - NIPPON ELECTRIC 10 kW (1050 kHz)

23 Jan 2002 - HARRIS DX-20 (20 kW) (Replacement of 10 kW Txer)

10 kW Standby

SW - 4660 (4760) & 6000 kHz

1987 - NEC HFB-7840 (10 kW)

On low power (2.5 kW) since Jan 2017

101.1 MHz

29 MAY 2008 - WEBEL - 2 X100 Watts (1 Transmitter at use at a time)

SW & MW schedule:

Transmission I: 1053 / 4760 Summer 0155 / Winter 0210-0430 UTC (Morning)

Transmission II: 1053 / 6000 0630-0930 UTC (Noon)

Transmission III: 1053 / 4760 1130-1630/1700 UTC (Evening/Night)

Languages of broadcast: Ladakhi, Urdu, Balti, Tibetan, Hindi, English etc.

Address: All India Radio, Horzey, Leh, Ladakh 194101

EMAIL: leh@air.org.in, seairleh@rediffmail.com

Recording of Sign on MW & SW: <https://qsl.net/vu2jos/Leh.mp3>

QSL of AIR Leh: https://qsl.net/vu2jos/qsls/AIR_Leh.jpg



Live streaming of AIR Leh is available on Newsonair App

NEC 10 kW Txer details: <https://www.transmitter.be/nec-hfb7840.html>

Major Events:

25th June, 1971: **Radio Kashmir, Leh** inaugurated, Nippon Electric MW 10 kW (1050 kHz)

23rd Nov 1978: Frequency changed to 1053 kHz in MW frequency reshuffle from 10 kHz to 9 kHz spacing

6th Sept 1984: Doordarshan TV Station installed

1986: SW Transmitter installed, 110 NEC HFB-7840 (10 kW)

26th Jan 2002: Harris DX20 20 kW MW TXER (Replacement of 10 kW MW)

2002: Wooden studio building destroyed in fire

31st May 2002: Foundation stone laid by Dy.Prime Minister Shri.Lal Krishna Advani for permanent studio set up.

[29th May 2008: FM Transmitter at Leh was commissioned.](#)

6th Aug 2010: Cloudburst at Choglamsar village, AIR Leh transmitter damaged, rain water & mud slushes enter transmitter hall.

25th June 2016: **AIR Leh** celebrated 45th Anniversary in Music studio.

25th June 2018: **AIR Leh** observes 47th Foundation Day

31st Oct 2019: Renamed as **All India Radio Leh**, identity announcements changed to "**All India Radio**"/"**Akashvani**" from "**Radio Kashmir**".

26th Nov 2019: **AIR Leh** goes online, live streaming started

25th June 2021: **AIR Leh** Golden Jubilee

(With additional inputs from Jose Jacob, News on AIR & various news reports)

SHORTWAVE HISTORY

The History and the End of Rampisham/Dorset Shortwave Transmitter

by Charlie Connelly

Worldwide DX Club's DX Magazine

(Charlie Connelly via Simon Hicks-UK, BrDXC-UK, via Wolfgang Büschel)

Charlie Connelly, in his book, "Last Train to Hilversum", devotes chapter 27 to Rampisham (he grew up near there). He suggests 2 masts were left when he wrote the book. Publication was 2019. The book is a good read by the way for those who like radio history with a personal twist. Here's the chapter. It gives the story and an idea how Charlie writes:

The towers fall one by one and without ceremony. Men in luminous jackets and hard hats high-step through the long grass with dew-

darkened toecaps. A drop to one knee, a spray of bright orange sparks and, almost imperceptibly at first, the tip of another latticed metal giant begins to glide towards the ground with the same melancholy dignity as the rest. A graceful arc accelerates until there's a metallic crump that's whipped away across the hills by the wind. Thirty-four of these towers stood at the highest point on Rampisham Down in rural west Dorset. Seven hundred feet up on the hill, some of them 350-foot high, this was a

vantage point from where the **BBC World Service** was once catapulted to the farthest outposts of the globe.

The masts were a comforting presence on the horizon, almost protective. As long as the



towers were there - implacable, authoritative, with the spars that emerged from just below their peaks making it look like they were keeping watch in all directions - all was right with the world. There's barely anyone alive now who would remember a time before the Rampisham transmitters, and as the towers started to fall the spaces appearing in the skyline looked more incongruous than the clutch of steel goliaths ever did among the undulating hills of Hardy country.

When the British Foreign and Commonwealth Office decided to pull its funding from the World Service in 2009 the Dorset transmitting station was one of the first victims of the cuts. The last World Service transmission sent out via Rampisham was on 29 October 2011, broadcast to North Africa by the **BBC Arabic Service** on 5790 and 11680 kilohertz, while the last transmission of all followed immediately afterwards, a **Deutsche Welle** program beamed to Europe on 6075 kilohertz that ended at 21.59. At 22.00 the station fell silent for the last time and the towers became mute sentinels beneath a canopy of stars.

My parents lived in the shadow of Rampisham Down for 20 years. I'd see the towers every time we left their village - glimpses from the car, or a handy orientation landmark on walks. When I left the city to visit and get away from the noise and

hullabaloo I'd be reassured by the towers on the hill.

The world and its troubles felt a long way off in time-stilled rural Dorset. All those voices in the air - the news, the discussions, the dramas, the jabbering and gabbling, making a point, avoiding a question, laughing, doubting, singing, reciting, asserting, arguing - all of it swirled around me in the silence. Whenever I went into Bush House, the old World Service building on the Aldwych in London, and spoke into a microphone, I'd always think of the Rampisham towers, how my half-baked

ramblings were being fielded there and twanged around the globe to places I could barely imagine, swirling around my parents' house, whooshing past the windows as they set off on their global odyssey.



Rampisham Down transmitting station had been a feature of the west Dorset landscape since the **BBC** purchased the 189-acre site at the beginning of the Second World War. The station, with four Marconi transmitters contained in two large halls, was given the unimaginative name 'Overseas Extension 3' and came into operation on 16 February 1941, immediately attracting the attention of the Luftwaffe.

Bombs fell close by but the transmitters were vigorously defended by the RAF, with locals telling stories for decades afterwards of dogfights over the villages and fields. Bombs never fell any closer than the other side of

the road, and there was some damage to a diesel tank once, but Overseas Extension 3 kept going through it all. A small, basic studio was incorporated into the bowels of the station, used occasionally to broadcast reports from war correspondents recorded onto gramophone records, and to send coded messages to Resistance fighters across Europe.

During the Cold War when the Russians attempted to jam radio signals from western Europe the BBC responded by opening up all their transmitters, including Rampisham, to bombard the Soviet Union with an armada of World Service broadcasts on a range of frequencies - a squadron of sound impossible to deter. When I used to walk up close to the quiet, grassy field in an out-of-the-way part of an out-of-the-way county it seemed an unlikely combatant on the front line of global affairs. Those towers had secrets, and I wondered if ghosts whispered through them in the night.

The first of them fell in 2013, just one or two initially, before the complex was declared a Site of Specific Scientific Interest by Natural England in August of that year due to the expanse of lowland acid grassland that covered most of the site and had been almost completely undisturbed since the land was acquired by the **BBC** in 1939.

In 2015 British Solar Renewables applied to use the site to install solar panels, eventually locating the solar farm nearby instead but, as part of the planning permission, agreeing to help Natural England bring down the rest of the towers. There are only two left now, spaced far apart, the spars protruding from the top of the towers facing each other across an empty expanse as if hoping one might tell the other where the rest of them have gone. When I got back from Hilversum I went to have a look - the first time I'd been to the site since my



parents moved away from the area a few years ago.

Metal fencing surrounded the site and vast, empty cable reels were jumbled against a wall of the vacant office block. I stood by a gate that had an old, dirty sign hanging loosely from the top bar. 'Danger of death' it warned, beneath a yellow triangle on which a stick man was being struck by lightning. 'Keep away' it added, under a big white exclamation mark in a blue circle. The only sound was the wind hissing through the tufty grass.

Overseas Extension 3 was once a busy place, thrumming with activity. It had a social club for employees and a range of sports teams, from cricket to chess. Now there were just two lonely towers, a few old buildings and silence. A commotion of flapping came from

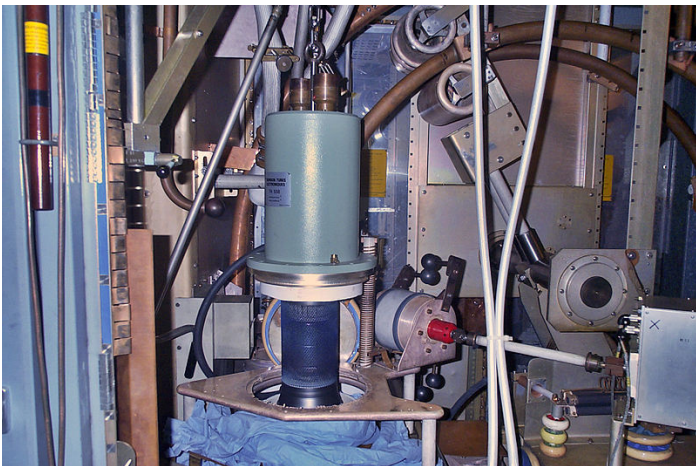
deep among the reels, and a buzzard emerged, heaving itself slowly into the air. It cleared the roofline, latched onto the breeze and transformed from a weary, clumsy-looking creature that could barely haul itself off the ground into a graceful monarch of the skies, wings fully extended, gliding and swooping around the nearest tower until it settled on the spar and folded its wings together. Once upon a time that bird would have ridden thermals of voices and winds of words; soaring over a song from Suriname or a weather forecast for the Western Sahara, but now it's just the plain old wind that barrels across the Dorset hills.

Sometimes while visiting my parents, I'd lie awake at night with the curtains open, looking up at stars that are invisible in the city, thinking about the voices being channeled through the air just over the hill. The last night I stayed in the house, before my father's advancing Alzheimer's forced a move to somewhere a little less remote, I reached for the little Roberts travel radio I carried everywhere in its wraparound case, clicked it on and pushed it under my pillow, letting the voices leaving Rampisham talk quietly into my ear until I fell asleep. The buzzard took off again, swooped down, extended its wings and flew off with long, slow, lazy movements in the direction of the village where my parents used to live. I was beginning to realize what a strong connection radio has with a sense of home. Most of our formative radio listening is done

at home: first the transistor in the kitchen as you get ready for school, and the Archers omnibus on a Sunday morning as the lunch cooks. Then your first radio of your own, the little one under the pillow, the shifting of your head until your ear is right over the speaker. Then, if you're lucky, your own music system on which for the first time in your listening life radio doesn't sound thin and reedy. The next step is your own home and your own radio for the kitchen. A clock radio for the bedside. A waterproof radio for the shower. Measuring out your life in a succession of radios. Right from early childhood the radio is party to your most intimate life in a way that television isn't.

Your television set stays in one place - you have to go to the television - but you make sure radio follows you around the home. Up on Rampisham Down watching that bird ease itself from the spar and glide off towards the village I finally understood why I'd embarked on these journeys into radio and, most importantly, why I'd begun accumulating those old valve sets and transistors. When radio began to take hold during the early 1920s its possibilities seemed endless. It was a time when the nation was still coming to terms with the trauma of the First World War. Three quarters of a million combatants, almost all of them men, almost all young, crossed the English Channel and never came back. There was a huge void in the population - death on a massive scale, each of them a raw, agonizing personal tragedy for mothers, fathers, friends, siblings, spouses and sweethearts. There was roughly one death in the conflict for every 60 people in the country. That's three or four on an average street in an average town, each of them mourned by an extended network of people who loved them.

Perhaps unsurprisingly in the years that followed the war spiritualism flourished. So much shock, so much grief, so many



unanswered questions, it's no wonder people hoped and believed they could contact their loved ones in the afterlife and mend the fractures in their psyche.

And then there was the wireless. A machine that captured invisible voices from the ether and made them audible. If the voices of the living could be heard in such a fashion, surely the same must be true of the voices of the dead? Local newspapers from the early 1920s are full of accounts of meetings held in halls up and down the country in which mediums would attempt to contact the dead and spiritualism was discussed in scientific terms. Wireless invigorated these debates as an example of how we'd really no idea of what manner of voices were calling to us through the atmosphere.

As late as 1930 when Mars passed considerably closer to Earth than usual wireless enthusiasts and mediums across the country claimed to have picked up tangible messages sent from the red planet. In 1922 a well-attended meeting of the Sheffield Rotary Club agreed a broad consensus that the next step forward from broadcast radio would be a device on which we could tune in and listen to people's thoughts.

Sir Oliver Lodge, a British physicist and one of the key figures in the early development of wireless - often referred to as Britain's father of radio - lost his son Raymond in 1915 when a shrapnel shell exploded over the communication trench in which he was sheltering just outside Ypres. Lodge was a firm believer in spiritualism, through which he'd become a friend of fellow believer Sir Arthur Conan Doyle, and after the war spent long hours in seances with a well-known medium named Gladys Osborne Leonard through whom he was convinced he had communicated directly with Raymond. A year after his son's death in Flanders Lodge published a book, *Raymond, or Life and*

Death, in which he set out his scientific reasoning for accepting Leonard's channeling of Raymond from the afterlife as genuine and logged in minute detail the conversations with his son conducted through the medium.

Not long before I'd travelled to Rampisham I'd read a poem by the radio historian and poet Sean Street called 'Wireless', a beautiful meditation on Lodge and his grief. Two of the stanzas read: I ask my radio to listen for you, catch your words in the ectoplasm of white noise. Voices come flooding past with the idea, But not the sound I've carried like a jewel within me.

In truth each dial's turn I make is a prayer for you, possibilities refining the search across silhouetted horizons of sound. The speaker gapes static. The day I visited Rampisham was the first anniversary of my father's death. He's buried in the churchyard almost within view of the towers. I had just come straight from visiting his grave. I'd watched helplessly for four years as this gentle, brilliant, quietly heroic man lost to Alzheimer's disease his eloquence, his bearings, his self-confidence, his motor skills, his memory, his ability to feed himself, his dignity, his ability to communicate. Towards the end of his life I'd visit him in the care home where he spent his last two years, see the absence in his eyes of almost any trace of the father I loved and listen to the stream of gibberish that poured from him in the handful of hours a day he spent awake. I'd listen desperately closely for something that might make sense, something that would indicate he was still in there somewhere.

I'd try to lead him in conversation about things we'd done together, even though I knew he had absolutely no idea who I was, as if I was turning the dial through the static hoping I might catch a voice I could

recognize. Sometimes I'd make out a couple of words that sounded like him and I'd think, 'Was that . . .?' but then the hint of a signal would be lost and the static of gibberish would start again. At his funeral we played 'Star Eyes' by Sarah Vaughan as his coffin was brought into the little village church on a small Dorset hill. Dad's first job after leaving school had been at a London office where DJ Pete Murray's wife also worked. Eventually he plucked up the courage to ask her if Pete would dedicate a song to his friends on his **Radio Luxembourg** program.

Sure enough, 'Star Eyes' by Sarah Vaughan went out dedicated to Dad's gang of mates, beamed across northern Europe all the way from Luxembourg. Sixty years later it was the soundtrack to his final journey. As the bird shrank to a speck over the village where Dad lies I thought about all the old radios I'd acquired, the heavy old Bakelite valve ones and the beautifully designed transistors with all those mysterious place names on the dials, and I finally realized why.

Occasionally I'd pause by one as I passed and drop to my haunches in front of it. I'd switch it on, waiting that few seconds of warm-up silence if it was a valve radio, or getting the immediate hiss of static from a transistor. I'd turn the dial the length of each waveband, one end to the other, and pass along the bursts of speech and music. I'd thought I was taking a brief moment out of my day to marvel at the everlasting magic of radio, but that's not what I was doing at all. I was listening out for him.

Wherever he was I wanted to hear his voice, I wanted to know he was himself again. I wanted to know he was all right. I also realized that whenever a new radio would arrive and I'd unpack it, have a quick fiddle with it to get it working and place it somewhere in the flat, I wasn't doing it

randomly, as I'd first believed. The penny dropped that the radios were situated so I'd always be in sight of one. Whichever room I was in, wherever I was, there'd be a radio. I was making sure I was always in earshot should he ever come through the static.

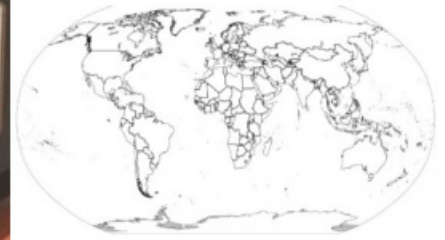
I climbed back into the car and pointed it east, the milky yellow wintry sun low behind me. As I pulled on to the A35 I remembered a Christmas Eve when I'd been very late getting away in the evening, driving the other way down the same road on an absolutely clear, starry night. I was the only person on the road in either direction, everyone else was where they were supposed to be, and when I switched on Radio 4 the classic, definitive **BBC** recording of Dylan Thomas's Under Milk Wood was about to commence.

There was a few seconds of silence after the announcement and then Richard Burton's velvet urgency: 'To begin at the beginning . . .' It was probably the most perfect radio moment of my life. I thought of my mum, in her new house now, where she'd be halfway up a stepladder painting a wall, making the place her own, and nearby the Roberts New Classic 993 I'd bought her recently, a portable radio she could carry round with her from room to room, filling each with the sound of familiarity as the last echoes of the previous occupants dispersed. And I thought of my dad, hoping he was out there somewhere, well along the way on his last journey.

I'll keep turning those old dials through radio geography, listening hard, trying to pick him out of the ether somewhere among Brussels, Lille, Bucharest, Athlone, Kalundborg, Toulouse, hoping to catch a word or two, hoping to hear about his ride on the last train to Hilversum.

The Robinson Report

**Looking at
U.S. international
broadcasting and
the shortwave
listening
hobby**



Daniel Robinson ♦ % PO Box 3292 ♦ Allentown, PA 18106 ♦ dxace1@gmail.com

Looking at the Premium Receiver Scene in 2021: Part I

Wow – 2021 is fast on the way to conclusion. After challenges we all faced with COVID through 2020, we're not quite out of the woods. And after focusing on the USAGM/VOA situation, in this issue I switch to a topic near and dear to my heart, namely the premium receiver scene.

Since before 2000, I have spent a lot of effort acquiring many receivers that I had never used during a DXing career begun in the late 1960's. Those of you who participated in online radio gatherings in 2020 saw a presentation I gave on Zoom – anyone who wants a pdf of that, feel free to contact me.

The collection here in Maryland now numbers more than 100 receivers – encompassing premium receivers, classic tabletop and portables familiar to all, along with just under a dozen SDR sets, ranging from WinRadio to SDRPlay and recently Russian and China-made sets. Those who attended the SWL Fests saw some of these.

As many as 24 are in operation at any one time using Raven 16 port and RF Systems DA-8 multi-coupler amplifiers fed by Wellbrook, W6LVP, and other loop antennas and one PAR-FED longwire.

A few observations to start – many of these may seem obvious:

- Prices for premium receivers have come down, though this depends on electrical and cosmetic condition and desirability.
- Ebay remains the primary location to find premium sets because of its global reach, but costs for sellers and buyers have risen.
- There is a “quiet” less visible market for receivers involving collectors who may have the technical capability to carry out repairs.
- With the decline in use of shortwave as a transmission method, the focus for many collectors is now on the joy of operating specific receivers with the different capabilities they have.
- Some of the rarest receivers and accessories have been seen more frequently on the used market.

My Top 40+ List

Everyone with a copy of Fred Osterman's massive guide to receivers knows there are hundreds of sets that are or could still be out there, and be included on the list, but here

Dan's Top 40+ Receiver List

1. **Squires Sanders SS-IBS**
2. **Hammarlund SP-600 JX21A**
3. **Japan Radio NRD-630**
4. Japan Radio NRD-240
5. **Japan Radio NRD-95**
6. **Lowe HF-250 Europa**
7. Collins 51J4 (Beckman)
8. R-390A (Manson, Dittmore, Fowler)
9. **Cubic CDR-3130**
10. Cubic HF-1030
11. Cubic R-3080
12. **Cubic SMR-2400**
13. Cubic R-3050
14. **Watkins Johnson 8712P**
15. Drake MSR/FM-P
16. **Drake R4245**
17. Eddystone 1650/1,9,10
18. **Eska RX-99M/ESCOM 500**
19. **Galaxy R-1530**
20. **Kobayashi / Furuno AS-76/80**
21. **Kneisner-Doering KWZ 30/60**
22. McKay MSR 5050A
23. **National HRO-600**
24. Plessey PR2250/PRS2280
25. **Racal RA 6225/6217**
26. Racal RA 6793A/A6
27. **Reuter Elektronik RDR 55/54**
28. R&S EK 800 series
29. R&S EK series (070,085, etc)
30. **Skanti R-8001/8003**
31. SONY CRF-V21
32. Panasonic RF-9000
33. **Sunair R9000 series**
34. **Telefunken E1800/3/A**
35. **Telettra HF-L-R**
36. Thomson TRC200 series
37. Watkins Johnson WJ 8718/MFP
38. Watkins Johnson WJ 8700
39. Watkins Johnson AN/URR-74(V)2
40. Watkins Johnson 8711A
41. Watkins Johnson 8600 series
42. **Elmer (Italy) marine**

is mine based on observation of the selling and buying market since 2000. Those in bold are, in my view, the rarest.

I do not dive too deeply into the weeds of certain manufacturers seen in the Osterman guide and receivers that are unlikely to be ever seen. However, no one can rule out any of these showing up at any particular moment.

Good examples include the Hagenuk RX 1001M, which began appearing in Europe, the Eska ESCOM 500, one of which appeared on Ebay, various Dansk and Marconi models, one of which showed up at a U.S. surplus dealer, and Anritsu sets which began appearing on the Japan used market.

Some receivers that were almost never seen a decade ago, now appear more frequently: the Harris HF-590/A, Racal RA-6790 (R-2174P and AP), and east German RFT EKD-300/500 series of Cold War-era sets. Sophisticated Rhode & Schwarz sets that sold new for 10s of thousands of dollars, are now showing up.

I'll stress again that on any given day, the rarest radios could appear suddenly on Ebay and other used markets. An excellent example is the Japan Yahoo auction site "Buyee" which makes it easy to monitor the Japanese used market (though some receivers there can be physically elsewhere, such as Bangladesh or South America).

Over the past year, we saw NRD-95, NRD-240, and Kobayashi/Furuno receivers come up on Buyee, setting records of over \$5,000 USD final auction price. Also seen are rare accessories - such as a memory remote control for the JRC NRD-93 receiver, a Mizuho Ultra Loop UZ-77 AM antenna, and a RF Systems EMF longwire antenna.

The proliferation of Anritsu receivers on Buyee indicates that these receivers, which are in the hands of a few collectors worldwide, may still be in the process of being removed from marine/coast guard sites, though I can't confirm this.

Also frequently seen in Japan are classic boat anchor receivers such as SP-600s and R-390/A, frequently military versions of these sets – these were probably in the hands of Japanese collectors who are now clearing out their collections.

Back to what I would call the ultra-premium level, receivers that were almost never seen on the used market such as the Collins 851S-1 – have appeared on Ebay. In Europe, Siemens E 300 series receivers and Telefunken and Rhode & Schwarz receivers are seen more frequently.

The German Ebay site, with Ebay/UK and Ebay/Switzerland are excellent places to bookmark and check on a daily basis, especially if your search is for classic older Grundig receivers.

Recent searches on the Japan Buyee site yielded a gray-face Collins 51J-4 and a SP600 JX17. AOR-7030 receivers, including sought after PLUS versions, are often found there, and JRC NRD-92 and 93 receivers, along with original and copies of JRC receiver cabinets, are also found.

CAVEATS: Buyer beware is always good advice. On the Buyee site, it's impossible to ask questions of the seller. You depend on the site translation from Japanese to English for descriptions of the item. Look at the photos carefully. I have found it's usually possible to know when an item is non-functional or has cosmetic issues.

I have had a couple of negative experiences: a Furuno receiver shipped from Bangladesh

arrived looking like it had been in a monsoon downpour. I quickly returned it and obtained a refund from the seller. An Eddystone receiver shipped from Saudi Arabia was in poorer condition than had been described.

However, in general my experiences with the Japan Buyee site have been superb – receivers arrive professionally bubble wrapped, often double boxed (the checkout process usually provides a way to purchase extra packing protection). Most packages are shipped via DHL.

In some of my purchases I have been assisted by friends in Europe who have been willing to drive to pick up a receiver and pack it for the trip to the United States. This was the case for a modified R&S EK 056 that weighs as much as a R-390. The same helper, a major collector, sold me my Telefunken/AEG 1800/3 and E800 receivers and rare modules.

To end this first overview of the premium receiver world, let me pinpoint what I view as of mid to late 2021 to be the rarest receivers:

Squires Sanders SS-IBS (the radio that the late Richard Wood was pictured using decades ago), the National HRO-600 (only one seen on Ebay in recent years), Hammarlund SP-600 JX21A (with engraved front panel, one amazingly showed up and sold for only \$600 or so), and the Skanti R-8003 (upgraded version of the R-8001).

While Watkins Johnson WJ 8711A and HF-1000 sets are seen fairly frequently, the **WJ 8712P version is now in the ultra-rare category as are Telefunken E1800/3 and E1800A sets. I would also place the Drake R4245** (one of which I owned but sold) in this category as none have been seen in recent times on the used market.

What I consider to be among the most beautiful receivers are the Eddystone 1650 series, one of which I foolishly let go some years ago. In the super-spook/military category, is the Cubic SMR-2400 (of which I now own two) along with the CDR-3280/3250 receivers.

Among super rare exotics are Italian-made Elmer marine receivers, and SUNAIR sets, along with Telettra, and Thomson TRC200 series (one of which sold on Ebay).

Reuter Elektronik (<https://www.reuter-elektronik.com/>) receivers are in this exotic category. Manufactured by Burkhard Reuter in Germany, the RDR 55 is the latest tabletop version of this sophisticated receiver,

though he also manufactures the Pocket and sPocket portables.

Built like a tank, with high-end SDR technology, and GPS capability these Reuter modular receivers are or have been owned by a small group of demanding radio connoisseurs around the world. Two, including my own RDR54, are located here in the Washington, DC/Maryland/Virginia area.

But when you get into these levels of receiver design, you're in the stratosphere with the radio collecting Gods. Be prepared to spend in the thousands to become a member. But then tuning one of these receivers is like driving a radio Lamborghini. Anyone who wants advice on any of this, feel free to contact me directly by email.

Listener's Notebook

Richard A. D'Angelo • 2216 Burkey Drive • Wyomissing, PA 19610 • rdangelo3@aol.com

Times are UTC and frequencies in kHz.

ANTARCTICA 15476U, Sep 15, 1613, LRA 36 Radio Nacional Arcángel San Gabriel, Base Esperanza, 1613-1855, at 1655 ID "Nacional, la Radio Pública", at 1721 Base Esperanza song, comments and songs, at 1756 Base Esperanza song again, and ID "LRA 36... desde la Base Esperanza, Antártida Argentina...", female, "Bienvenidos a un nuevo ciclo de El Lejano Sur...", "Datos del tiempo", songs and new ID at 1815 "Nacional Antártida Argentina, en todo el país, la radio pública", at 1822 sport news by female, more songs and comments, id. At 1824 "Desde la Base Esperanza, Antártida Argentina, transmite LRA 36, Radio Nacional Arcángel San Gabriel, para todo el mundo". (Méndez-Spain/Shortwave Bulletin)

AUSTRALIA Fair to good signal of Reach Beyond Australia via Kununurra, September 18:

1100-1130 on 15565 Japanese Sat/Sun (DX Mix-Bulgaria)

3210U, Aug 29, 0540, Unique Radio, Tamworth. OK signal 0540 with ZZ Top 'Le Grange'. Back on air for a test 28/8. (Francis-Australia/Shortwave Bulletin) Coming in quite well with Dragon's "It's been raining for so long", 0616, 29/8 (Seager-Australia/Shortwave Bulletin)

5055, Sep 6 -1002* Radio 4KZ, with xmtr off at 1001:45*, via a timer (Sept 3, with xmtr off at 1002:00*). (Ron Howard-CA/Shortwave Bulletin)

ARMENIA 13690, TWR India (Yerevan-Gavar) at 1430 beginning English broadcast with Voice of Hope ID, prayer, two women with scripted program about life experiences. Fair, Sept. 6. (Harold Sellers-BC/DXplorer)

AUSTRIA The Radio Andorra commemorative broadcast was aired on 7 August from 1700-2000 on 6180 via Moosbrunn. The broadcast was arranged by Christian Milling of Shortwaveradio who writes that it was part of the "Carte Blanche" series that ran regularly on Radio Andorra in the summer of 1979. Stars and starlets met in the studio and presented their favourite music. It was a three-hour broadcast from the last Radio Andorra program director Arty Parera together with the chansonnier Sacha Distel. It was recorded on cassette in more or less studio quality and had survived being stored for more than 30 years in the abandoned Radio Andorra transmitter building in Encamp. A most enjoyable listen with excellent audio and signal quality. (Dave Kenny-UK/British DX Club)

6180, Radio Andorra, via Moosbrunn, E-QSL, in 2 hours. Report in English sent to: christian.milling@shortwaveservice.com. (Christian Ghibaudo-France/DX Fanzine)

7295, BBC, Moosbrunn. Surprisingly strong signal for the 0100-0130 Pashto service to Afghanistan. Not normally this strong at this time of year, 24/8. (Wagner-Australia/Australian DX News) Good reception in NA (RAD)

9630, Adventist World Radio (Moosbrunn) signing on at 0500 with brief music, English ID "This is Adventist World Radio, the Voice of Hope...", website, and into Hausa. Fair, Sept. 2. (Harold Sellers-BC/DXplorer)

BANGLADESH 4750 Bangladesh Betar, Shavar. Great to hear much-improved audio in recent times, but still not 100% pure yet.

Noted at 1947 in Bangla with commentary and many mentions of Bangladesh and Pakistan. Eventual s/off at 2000. Good signal, 13/8. (Wagner-Australia/Australian DX News)

BOLIVIA 3310, Sep 16, 0120, Radio Mosoj Chaski, Cotapachi, Quechua, comments, Bolivian songs. (Méndez-Spain/Shortwave Bulletin)

BRAZIL Reception of ZYE521 Radio Inconfidencia via Belo Horizonte MG on September 16:
from 1030 on 6010 BEL 005 kW Portuguese (DX Mix-Bulgaria)

ZYE365 Radio Nacional da Amazonia via Brasilia DF on September 16:
from 1100 on 6180 Portuguese
from 1100 on 11780 Portuguese (DX Mix-Bulgaria)

4885, Sep 13, 0557, Radio Clube do Pará, Belém, relaying Radio Bandeirantes: "Jornal a Primeira Hora, 58 horas no ar" "Radio Bandeirantes", "3 horas e 1 minutos aqui na Radio Bandeirantes". (Méndez-Spain/Shortwave Bulletin)

6080.1, Sep 11, 2105, R.Marumby, Curitiba PR. Rlgs. propag., px anns., songs. QRM de CHN. Inaudible on // 9515. 34342 (Carlos Gonçalves-Portugal/Shortwave Bulletin)

9550.1, Sep 2, 2126, R. Boa Vontade, Pt.º Alegre RS. Rlgs. propag. // 11895.198 vy. poor + adj. QRM. (Carlos Gonçalves-Portugal/Shortwave Bulletin)

9819.1, Sep 8, 2002, Radio 9 de Julho, Sao Paulo, relig. comments and songs. (Méndez-Spain/Shortwave Bulletin)

11815, Radio Brasil Central, Goiania, 0808-0827 on Sept 15, Brazilian songs, program "Brasil Sertanejo", ID "Radio Brasil Central".

25322. 11815.028 kHz Sept 17, wb. (Manuel Mendez-Spain/hcdx Sept 16/TopNews)

11895.2, Sep 10, 2104, R. Boa Vontade. Rlgs. propag., rlgs. songs. Adj. QRM. // 9550.121 rtd. 2114. 23441. (Carlos Gonçalves-Portugal/Shortwave Bulletin)

CANADA 6070, CFRX, Toronto, 0655-0718 on Sept 15, English, news, comments. QRM from Channel 292 with Overcomer Ministry on the same frequency. 12421. (Manuel Mendez-Spain/hcdx Sept 16/TopNews)

CHILE 5825, Sep 8, 2343, R. Triunfal Evangélica; religious music, male Spanish ID "Radio Triunfal Evangélica, Talagante, Chile". Poor but sometimes readable. (Lúcio Bobrowiec-Brazil/Shortwave Bulletin)

CHINA CRI to stop SW? My friend from Germany OM Volker Willschrey told me that China Radio International (German service?) will stop shortwave service on Tuesday 31 August (Paul Gager-Austria/British DX Club) Discontinuation of various CRI services by endless Chinese national MUSIC ONLY programme noted on Sept 1st to 05th. Albanian, Amoy, Bengali, Bulgarian, Cantonese, Chaozhou, Croatian, Czech, Filipino, Hakka, Italian, Khmer, Korean partly, Polish, Portuguese, Romanian, and partly some other languages also? Still in full CRI foreign service programme noted Chinese, English, Esperanto, French, Arabic, Russian, Spanish, Filipino partly, Hindi, Hungarian(!), Indonesian, Japanese, Khmer, Lao, Malay, Mongolian, Nepalese, Pashto, Persian, Serbian (!), Sinhalese, Swahili, Tamil, Thai, Turkish, Urdu, and Vietnamese. (wb., via wwdxc BC-DX Topnews Sept 5)

China Radio International's German service via shortwave ends on August 31 but on September 1 CRI in German is on air as scheduled on 17615 & 17720:
0500-0657 on 17615 URU German

0500-0657 on 17720 KAS German (DX Mix-Bulgaria)

6185, China Huayi BC, Fuzhou. at 0955 with Chinese pops, time pips and Mandarin ID at 1000. Very good signal but some light QRM from a weak co-channel broadcaster, 24/8. (Wagner-Australia/Australian DX News)

CHINA (Tibet) Reception of PBS Xizang Holy Tibet in English via Lhasa on September 20: 1600-1700 on 6130 LHA English

CLANDESTINE Radio NUG Voice of National Unity Government of Myanmar-updated on September 1:

0130-0159 on 17710 PAO Burmese Daily
1229-1258 on 17710 MDC Burmese Daily, from Sept.1 - BUT NOT ON AIR!!

1330-1359 on 12000 PAO Burmese Daily
1330-1359 on 12000 PAO Burmese Daily (DX Mix-Bulgaria)

Radio NUG Voice of National Unity Government of Myanmar, September 21:
1330-1359 on 12000 PAO Burmese. Updated English announcement: on 17.71MHz at 0800AM & 12MHz at 0800PM or 0130-0200 & 1330-1400 (DX Mix-Bulgaria)

It appears that Radio NUG is looking for the best frequency to reach its listeners in Myanmar. Though it was stated today in a Facebook post of 'Radio NUG' that the evening program will begin at 1330 on 11840, it was discovered

on 12000 instead. I kept on listening to the blank 11840 from 1320 and while awaiting, I came across on WRTH "Open carrier now on 12000, probably Radio NUG from Taiwan starting." Thank you for the tip!!! (Sarath Weerakoon-Sri Lanka 4S5SL via wwdxc BC-DX TopNews Aug 31) 12000 very good. Only start up music too loud, at 1330. (Victor Goonetilleke-Sri Lanka 4S7VK via wwdxc BC-DX TopNews Sept 1) Calling itself 'The Voice of the National Unity Government of Myanmar', broadcasting for the spring

revolution. Thumping signals in the mornings but not so in the evenings on 15300 at 1330-1400. The half - hour broadcast ends with the theme song of, People's Defence Force, the armed wing of exiled the National Unity Government. (Sarath Weerakoon-Sri Lanka 4S5SL via wwdxc BC-DX TopNews Aug 30 / 31)

Test frequency of Afghanistan International TV via CJSC Yerevan September 2:
0230-0430 on 7590 ERV BUT NOTHING via IBB RMS locations DUSH/ISLA/KABU
0430-0630 on 7590 ERV open carrier via IBB RMS locations DUSH/ISLA/KABU
0630-1400 on 7590 ERV Pashto, according IBB RMS locations DUSH/ISLA/KABU
1400-1434 on 7590 ERV TODAY IS NOT ON AIR DUE TO STRONG CO-CHANNEL WITH North Korea Reform Radio via RRTM Tashkent! (DX Mix-Bulgaria)

Afghanistan International TV via RRTM Telecom Tashkent, September 22:
from 1230 on 7599.9v Pashto (DX Mix-Bulgaria)

A new target broadcast to Afghanistan has been heard on 7600 since 16 August. It is mainly an off-air relay of Afghanistan International, a new TV channel which is run by the London-based company Volante Media UK. This company also operates Iran International TV (and Iran International Radio) – which are also relayed on short wave. In announcing the launch: “On Sunday [15 August], the day the Taliban captured Afghanistan’s capital Kabul, Volant Media UK Ltd., the parent company of Iran International TV, launched Afghanistan International TV (AITV). AITV aspires to serve as a 24/7 international news network to provide reliable information for audiences and protect media freedom in the country... AITV, which has started with daily nine hours of live television news and programs, plans to expand to a full 24/7 schedule as soon as possible. But AITV also has a radio

stream which is already offering 24-hour news and programs.” Web feed is at <https://afintl.com/> 7600 is on air 24 hours with transmitter site changes noted at 0230 and 1430. The indication (unconfirmed) is that it may be 0230-1430 via Tashkent and 1430-0230 via Gavar, Armenia. (British DX Club)

Radio Iran International via RRTM Telecom Tashkent, September 1:
0230-0600 on 12019.8v Farsi
0600-1600 on 15629.8v Farsi
1600-0230 on 9929.9v Farsi (DX Mix-Bulgaria)

Reception of Dimtse Woyane Tigray via TDF Issoudun on September 3:
0400-0500 on 11570 Tigrinya, good + jamming (DX Mix-Bulgaria)

Manara Radio International via TDF Issoudun, September 3:
0700-0800 on 13710 Hausa (DX Mix-Bulgaria)

Radio Dap Loi Song Nui/Vietnam Democracy Radio via Paochung, September 17
1230-1258 on 9670 Vietnamese. Good plus jamming. (DX Mix-Bulgaria)

Reception of Voice of Oromo Liberation via MBR Nauen on September 19:
1700-1730 on 15420 Afan Oromo Sun (DX Mix-Bulgaria)

Reception of Raadiyyoni Dirree Shaggar via TDF Issoudun on September 22:
1600-1630 on 15415 Afan Oromo (DX Mix-Bulgaria)

Reception of Radio ERGO in Somali via ENC-DMS Al-Dhabbayya, September 22:
1200-1300 on 17845 Somali (DX Mix-Bulgaria)

CDNK North Korean Democratization Committee via RRTM Telecom Tashkent, September 18:
1400-1430 on 9900 Korean Tue/Thu/Sat (DX Mix-Bulgaria)

Reception of Voice of Martyrs via RRTM Telecom Tashkent, September 19:
1200-1230 on 9930 Korean Daily (DX Mix-Bulgaria)

Reception of Radio Free North Korea via RRTM Telecom Tashkent, September 19:
1300-1400 on 11510 Korean Daily (DX Mix-Bulgaria)

Voice of Wilderness via RRTM Telecom Tashkent, September 22:
1400-1500 on 11540 Korean (DX Mix-Bulgaria)

Nippon no Kaze via RRTM Telecom Tashkent, September 20:
1300-1330 on 11874.8v Korean (DX Mix-Bulgaria)

North Korea Reform Radio via RRTM Telecom Tashkent, September 21:
1400-1500 on 7590 Korean (DX Mix-Bulgaria)

New time of Radio Ranginkaman via RRTM Telecom Tashkent from September 22:
1730-1800 on 7610 Persian Radio Rainbow, ex 1630-1700 on same frequency (DX Mix-Bulgaria)

9930, Voice of the Martyrs, Tashkent. To EAs at 1215 with Korean religious talks (and the occasional "Amen") and gospel songs inc. "Joy to the World" sung in Korean. Fair signal and s/off 1229, 21/8. (Wagner-Australia/Australian DX News)

12000, Radio N.U.G via Talata-Volondry. New clandestine for Burma, fair 1350 in Burmese, a NF. Thanks to tip from Sarath Weerakoon via Wolfgang Buschel, 31/8. (Seager-Australia/Australian DX News)

CONGO 6115, Sep 4, -1829*, Radio Congo, Brazzaville, French, news, male, female. (Méndez-Spain/Shortwave Bulletin) 6115, Radio Congo, Brazzaville, 1805-1818 on Sept 10, French, news about the Congo, male, female, comments. 25322. Also 1807-1835* on Sept 11, French, news, ID "Radio Congo", male, female, at 1825 African songs and comments. 25422. Also 1813-1831* on Sept 12, French, news, male, female, at 1826 African songs and comments. 15431. (Manuel Mendez-Spain/hcdx Sept 16/TopNews)

CUBA Reception of China Radio International in Cantonese via Titan Quivican, September 2:
0400-0457 on 9790 Cantonese (DX Mix-Bulgaria)

DENMARK 15790, World Music Radio, E-QSL in 66 days. Report in English sent to: wmr@wmr.dk. (Christian Ghibaudo-France/DX Fanzine) 15790, World Music Radio QSL, pennant, letter, received in 41 days for postal report with \$5 donation sent to WMR, PO Box 112, DK-8960 Randers SO. (Dave Kenny-UK/British DX Club)

WMR is now back on 15790 (Sat-Sun 07-20) with 10 Watts only. (World Music Radio Facebook page, 21 August/British DX Club)

ECUADOR 6050, HCJB, Pichincha, 0446-0500* on Sept 12, Spanish, comments, Ecuadorian songs. Strong QRM from Algeria on the same frequency. 21421. (Manuel Mendez-Spain/hcdx Sept 16/TopNews)

EGYPT Test transmission of Radio Cairo in Turkish, September 22:
1700-1900 on 9949.6 ABS Turkish. At same time 1800 no signal
1800-1900 on 9440v ABS Italian. Also check at 1900
1900-2000 on 9710v ABS German, NO SIGNAL/EMPTY CHANNEL

1900-2000 on 9870v ABS Russian NO SIGNAL/EMPTY CHANNEL(DX Mix-Bulgaria)

ETHIOPIA Weak/fair signal of Radio Ethiopia Home Sce on 7110, September 18: from 0530 on 7110 Afan Oromo from 1459 on 7110 Afan Oromo (DX Mix-Bulgaria)

6030, Radio Oromiya, Addis Ababa, 1807-1820, 14-09, Vernacular, comments, East African songs. 24432. (Manuel Mendez-Spain/Hard Core DX)

6090, Voice of Amhara State, Addis Ababa, 1806-1827 on Sep 13, Vernacular, comments, East African songs. 35433. (Manuel Mendez-Spain/hcdx Sept 16/TopNews)

6110, Radio Fana, Addis Ababa, 1832-1846 on Sept 14, East African songs, Vernacular, comments. 34433. (Manuel Mendez-Spain/hcdx Sept 16/TopNews)

FRANCE 7295, R. Algerienne via Issoundun. S/on 0500 to Waf with Qur'an, fair signal and // 9535 where it was a good signal, 21/8. (Wagner-Australia/Australian DX News)

GERMANY Deutsche Welle informed during a broadcast destined for Afghanistan that it has suspended the sending of confirmation cards from 1 September 2021. According to Deutsche Welle technicians, reception reports no longer make sense because remote receivers can do this work and Deutsche Welle does not need the support of DXers listeners. (Dario Gabrielli-Italy)

Frequency change of The Mighty KBC Radio from September 4:
0000-0200 NF 5960 NAU English Sun only, ex 9925 (DX Mix-Bulgaria)

Deutscher Wetterdienst DWD via Pinneberg on September 19:
0600-0630 on 5905 German

0600-0630 on 6180 German (DX Mix-Bulgaria)

Channel 292 (3955, 6070, 9670) Newsletter: We don't run our transmitters only for booked programmes, but the remaining about 440 hours per week we fill with own program and music. More than 33 €-cents per kWh results in expensive costs for energy, and additionally costs for technics, fees, etc. Therefore we are happy, even if not anybody might like it, that starting 16 August once again we can fill the non booked hours with programme of Overcomer Ministry, because this will keep our station on air for some time. If you want to support Radio Channel 292 without having to pay anything, you can do this by sending as many reception reports as possible for this program to: lastime@overcomerministry.org. Every report helps to keep our station on air! (via Alan Pennington, Allen Dean-UK/British DX Club)

Deutsche Welle is resuming its shortwave broadcasts to Afghanistan which closed in 2019. The following schedule has been registered with the HFCC in an update dated 24 August. The planned schedule is: 1400-1500 15230-nau 15390-dha (alt 15180-dha) in Dari 1400-1430; Pashto 1430-1500. (Dr Hansjoerg Biener/Chris Greenway 26 August) Still not active as of 28 August. (British DX Club) DW launches shortwave radio service for Afghanistan {again...}. As of Monday 13, Sept, DW will broadcast daily radio programs in Dari and Pashto via shortwave to provide credible information to listeners in Afghanistan. The programs will be on peace, civil society and gender and human rights issues. (Nick Sharpe-UK, BrDXC-UK groups.io Sept 14/TopNews)

A New Name for Shortwave Radio in Germany. Celebrating four years of broadcasting on 3975 and 6160 - it is time for a change! Shortwave Radio is now

Shortwave Gold! (Kari Kallio via
NORDX/Shortwave Bulletin)

6115, SE-TA 2, via new QTH Gera, F/D E-QSL
in 1 day for e-report to the following e-mail
address: se-ta@web.de (Jürgen Waga-
Germany/DX Fanzine)

9490, NHK World Radio Japan (Nauen) at
0453 in Japanese (to 0500 closing) with
music and female announcer, 0455 news
headlines. Good, Sept. 2. (Harold Sellers-
BC/DXplorer)

GUAM Extended broadcast of KTWR Trans
World Radio Asia DRM mode, September 26
0957-1026 on 15200 TWR Tamil Sun, ex
1014-1026 (DX Mix-Bulgaria)

Reception of KTWR Trans World Radio Asia in
English via Agana, September 22:
1245-1300 on 11590 TWR English Sun-Wed.
(DX Mix-Bulgaria)

Reception of KTWR Trans World Radio Asia in
Hindi/English via Agana, September 23:
1245-1250 on 12040 Hindi Mon-Fri
1250-1253 on 12040 English Mon-Fri (DX
Mix-Bulgaria)

11965, Trans World Radio KTWR, QSL
received in 69 days for report in English sent
to: P. O. Box 6095 Merizo, Guam 96915.
(Christian Ghibaudo-France/British DX Club)

INDIA Unscheduled broadcast of All India
Radio in Punjabi, September 22:
1208-1215 on 15030 BGL Punjabi,
unscheduled on shortwave and
1215-1217 on 15030 BGL 2 min.All India
Radio Interval Signal
from 1217 on 15030 BGL Swahili - as
scheduled in Summer A-21 (DX Mix-Bulgaria)

Unscheduled broadcast of All India Radio in
Punjabi, September 22:
1325-1330 on 11560 BGL Punjabi,
unscheduled on shortwave and

1330-1430 on 11560 BGL as scheduled in
Summer AIR A-21 (DX Mix-Bulgaria)

11560, All India Radio (Bangaluru) at 1423
in Dari with popular Indian music, at 1425
possibly a news report, 1428 music bridge
and announcements. Good, Sept. 6. (Harold
Sellers-BC/DXplorer)

13710, AIR, Bengaluru. Indonesian to SEAs
at 0153 with lively Indian instrumental
music. Not on 13695 as is still being reported
in the Aoki list. Excellent signal, 24/8.
(Wagner-Australia/Australian DX News)

INDONESIA Reception of Voice of Indonesia
in English via Palangkaraya, August 31:
1300-1400 on 3325 English (DX Mix-
Bulgaria)

3325, Voice of Indonesia, via Palangka Raya,
F/D QSL card, in 537 days for e-report to
these e-mail addresses:
voi.deutsch@gmail.com and
deutsch@voi.co.id. (Jürgen Waga-
Germany/DX Fanzine)

KOREA (North) 2350 2000-1800 KRE KCBS
Pyongyang Kor Sariwon 2349.395
3205 2000-1800 KRExKCBS Pyongyang DRM
Kor Pyongyang nil
3220 2000-1800 KRE KCBS Pyongyang Kor
Hamnung 3219.875
3220 1800-2000 KRE PYONGYANG BS Kor
Hamnung 3219.875
3250 2000-1800 KRE KCBS Pyongyang Kor
Pyongyang 3250even
3320 2100-1900 KRE PYONGYANG BS Kor
Pyongyang 3319.999
3480 0400-2400 KOR VOICE OF THE PEOPLE
Kor Kyonggi-do 3479.992
3910 0247-0001 KRE North Korean Jamming
Noi Kujang
3910 0400-2400 KOR VOICE OF THE PEOPLE
Kor Kyonggi-do 3909.967
3920 2000-1800 KRE KCBS Pyongyang Kor
Hyesan nil

3930 0247-0001 KRE North Korean Jamming
Noi Kujang
3930 0800-0400 KOR VOICE OF THE PEOPLE
Kor Kyonggi-do 3930.005
3945 0400-0601 KRE Echo of Unification Kor
Pyongyang
3945 1200-1401 KRE Echo of Unification Kor
Pyongyang 3945.010
3945 2200-0001 KRE Echo of Unification Kor
Pyongyang
3959 2000-1800 KRE KCBS Pyongyang Kor
Kanggye 3959even
3970 0400-0601 KRE Echo of Unification Kor
Chongjin-Na
3970 1200-1401 KRE Echo of Unification Kor
Chongjin-Na 3969.844
3970 2200-0001 KRE Echo of Unification Kor
Chongjin-Na
3978 2000-1800 KRE v KCBS Pyongyang Kor
Chongjin-Na 3980.014 terrible jamming mix
3972 to 3982
3985 0400-2400 KOR ECHO OF HOPE-VOH Kor
Hwaseong 3985even
3985 0247-0001 KRE North Korean Jamming
Noi Kujang (wb df5sx, wwdxc BC-DX TopNews
Sept 2)

3945, Echo of Unification, Pyongyang. S/on
1159 with ID, IS, time pips at 1200, military
music and another ID. Into Korean talks and
occasional songs. Good signal, no jamming,
Aug 21. (Rob Wagner-Australian DX News)

9435, Voice of Korea (Kujang) at 1350 with
upbeat orchestral music, followed by choir,
1355 man with closing announcements,
including schedule of next broadcasts to
Europe and North America. Very good, Sept.
6. (Harold Sellers-BC/DXplorer)

15244.957, at 1344 English sce via Voice of
Korea Kujang towards Europe northwesterly
azimuth target. Much stronger than 15300 R
NUG Myanmar outlet. (wb df5sx, wwdxc BC-
DX TopNews Aug 30)

KOREA (South) 3980, Sep 6, 1012, Echo of
Hope - VOH: anomaly today Sep 6; for a long

time had been changing frequencies every
Monday, but no change today from last
week; 3980 // 4885 // 5990 // 6250 // 6348
// 9100 at 1012. (Ron Howard-
CA/Shortwave Bulletin)

KUWAIT MOI Radio Kuwait via Kabd
Sulaibiyah, September 19:
0500-0900 on 15515.0 Arabic GS
0500-0800 on 15530.0 English (DX Mix-
Bulgaria)

LIBERIA 6050, Sep 16, 0602, ELWA Radio,
Monrovia (presumed), religious songs and
comments in English. Very weak. (Méndez-
Spain/Shortwave Bulletin)

MADAGASCAR 15150, Radio Tamazuj via
Talata Volonondry, Arabic programme, QSL
received in 6 days for report in English sent
to info@freepressunlimited.org. (Jacques
Augustin-France/British DX Club)

MALAYSIA 9835, Sep 8, 1300, Sarawak FM.
News in vernacular (1300-1310); slogan in
English at 1314 ("This station is now the
ultimate power in the universe"). (Ron
Howard-CA/Shortwave Bulletin)

MALI 5995, Radio Mali (Bamako) at 0536
with traditional music, several "Radio Mali"
IDs by woman, 0556 woman with ID and
announcement, modern instrumental music
to 0601 rooster crow, man and then woman
"Radio Mali" and more announcements in
French, another rooster call, short talk at
0602 by man, 0603 modern instrumental
music. Good, Sept. 2. (Harold Sellers-
BC/DXplorer)

MEXICO 6185, Radio Educacion, Ciudad de
Mexico, 0635-0652 on Sept 11, Classical
music. 25322. Also heard 0640-0735 on Sept
15, classical music, songs, ID. "Radio
Educacion, 1060 AM, y para todo el mundo,
nuestra Senal Internacional en onda corta,
Radio Educacion, la emisora cultural de

Mexico". 25432. (Manuel Mendez-Spain/hcdx Sept 16/TopNews)

MOLDOVA 7485, BBC (BAB Farsa), via Grigoriopol, F/D E-QSL, in 1 day for e-report to the following e-mail address: prtc@idknet.com. (Jürgen Waga-Germany/DX Fanzine)

MONGOLIA 12085, Voice of Mongolia verified with e-QSL in 2 days from mnv@yahoo.com. (Toshiaki Tomita-Japan/Japan Shortwave Club)

MYANMAR Myanmar's military regime is confiscating radios from shops and planned to restrict imports after the civilian National Unity Government (NUG) launched a radio station. Radio NUG, named after the shadow government formed by the ousted National League for Democracy and ethnic representatives in April, launched on Friday and will air twice daily. A Yangon police source told The Irrawaddy: "It was discussed at a security meeting in Yangon to confiscate radios from shops with PSI satellite dishes before. It was decided at the meeting to seize all shortwave radios. Some suggested restricting people's access to radios, for example, requesting shops not to sell radios to the public for a certain period." Police and ward and village administrators will be tasked with seizing radios, he said. Regime troops confiscated radios from an electronics shop at Ga Mone Pwint shopping mall in Bogale Zay Street, Yangon, on Friday morning, according to witnesses. "We saw them confiscating radios. We don't know what they told the shop owner," a witness told The Irrawaddy on condition of anonymity. Radios have been in high demand since the NUG announced its radio station this week. When the regime restricted internet access after its February coup, people used radios to listen to Radio Free Asia, the BBC and Voice of America, fueling demand for radios. Under previous military dictatorships, citizens were

detained for listening to the BBC and teashops were shut for screening Norway-based DVB. (The Irrawaddy, via 'ADXN clippings' via Sept "ADXNews" magazine via Craig Seager of ARDXC; direct Sept 2/TopNews)

5985, Sep 17, 1249, Myanmar Radio. The Friday edition of "Say It In English"; about "when, where, what, which"; mostly readable, but at *1259, New Zealand started on 5980 with a very strong signal, causing QRM for Myanmar. First time I heard this same show was back on Sept 4, 2017. (Ron Howard-CA/Shortwave Bulletin)

NETHERLANDS New station - Studio Denakker via Klazienaveen: 0000-2400 on 5990 KLZ 001 kW Dutch effective from September 23 (DX Mix-Bulgaria)

Radio Europe Netherlands is registered new 6125 kHz via Alphen aan den Rijn: 1400-2300 on 6125 AAR 001 kW Dutch, ex 6115 to avoid RNZP DRM (DX Mix-Bulgaria)

Radio Onda on 6140 AM; antenna for 9520 is ready. Now they are waiting for the transmitter to arrive: "It is low power, 400 to 500 watts, but enough to cover most of Europe. Hope to put it on air in the next two months or so, I am not sure about the propagation, if it will be good during day or night, or both, lets see...". (Harald Kuhl-Germany DL1AX, BrDXC-UK groups.io Aug 29 / 30/TopNews)

6170, Radio Jong Europa via Alphen aan den Rijn. Dutch programme. eQSL received in 1 day for report sent to radioeuropa@hotmail.com. (Jacques Augustin-France/British DX Club)

NEW ZEALAND Radio New Zealand Pacific in English via Rangitaiki, September 3: from 0459 on 11725 English from 0559 on 7245 English (DX Mix-Bulgaria)

PERU 4775, Sep 12, 0124, Radio Tarma, Tarma, Peruvian songs. 25322. (Shortwave Bulletin)

5025, 1000, Radio Quillabamba s/on w/classical music intro under Cuba, 9/8. (Bryan Clark-New Zealand/New Zealand DX Times)

PHILIPPINES Frequency changes of Vatican Radio via Tinang from September 13:
1430-1530 NF 9595 PHT
Hindi/Tamil/Malayalam, ex 5920 kHz // 7320 PHT is unchanged (DX Mix-Bulgaria)

SAUDI ARABIA Saudi Radio plans to launch test transmission of a 24-hour Urdu service from the middle of September 2021, while the services will be formally launched on 23 September, a Saudi official said. The transmission will include programmes on Islam, the holy Quran, Ahadis and historical and world affairs. Saudi Broadcasting Authority deputy chairman Faisal Ilyafi said this, while talking to a delegation of the Pakistan Journalists Forum (PJF). The world transmission was started from the holy city of Makkah in September 1950 with a 15-minute slot for the Urdu programme, he said, and stressed that it is the need of the hour to face challenges and keep ourselves abreast of the changes in media. The Saudi Urdu transmission has decided to continue its transmission on social media, such as Instagram, Facebook, YouTube, FM, Shortwave, Satellite, and Twitter, he added. Information Ministry has also made several other languages part of the project. The deputy chairman said any language has a supreme significance to disseminate news-cum-events, that's why many foreign languages such as Russian, Spanish, Japanese, Hebrew and Chinese would be part of the transmission. (bolnews.com 19 July - more at via AP; BrDXC-UK printed news magazine "Communication" Aug 8, BCDX/Australian DX News)

Saudi Radio International's French service has been reactivated on SW, it's heard from 1400-1600 on 17660. First reported by Hansjorg Biener on 2 August. This broadcast was formerly carried on SW but had been off the air for a couple of years. (British DX Club)

SINGAPORE Reception of BBC World Service via ENC-DMS Krnaji on September 15:
1200-1300 NF 15640 English, x 15145 SNG
1200-1400 on 11945 English, addit. freq. (DX Mix-Bulgaria)

3915, Sep 8, 2238, BBC, Kranji relay. WS in E to SEAs, rpt. from Kenya. 35332. (Carlos Gonçalves-Portugal/ Shortwave Bulletin)

SPAIN 12030, REE, reception report with audio clips verified with f/d QSL cards received in 3 months by Airmail. E-Mail: ree@rtve.es. (Ratan Kumar Paul-India/Asian DX Review)

SOLOMON ISLANDS 5020 Sep 17 1204 SIBC (5020) again didn't turn off the xmtr; 1159-1204, Evening Devotional, ID and NA; 1204 till past 1415+, non-stop island songs; today clearly not a Wantok FM relay, but instead heard with no announcers at all and the songs were not the usual ones in English that Wantok plays. My local sunrise was at 1352. Thanks very for the interesting comment from Bryan Clark, regarding both SIBC (5020) and Radio Vanuatu (5040 - open carrier/dead air long after 1102+) currently not turning off their xmtrs - "Maybe SIBC and VTBC (5040) are both deliberately leaving their shortwave transmitters on all night at present to maintain reliability? Despite the electricity cost, maybe a tactic to ensure daily transmission continues as would imagine 'powering up' a transmitter in their tropical environments is the riskiest part of the operation. Just my thoughts." (Ron Howard-CA/Shortwave Bulletin)

SOMALIA 7750usb Warsan Radio, the NSW site has superb audio from Warsan, hearing it now at 1510 with programming in // to the online web site for the station. (Dan Robinson-USA) The correct e-mail for Warsan Radio is warsanradiobaidoa@gmail.com. One of the station operators there is Hassan Tubey and he is very receptive to reception reports. Hassan e-mail is HassanTubey@gmail.com. (Bruce W. Churchill-CA/TopNews)

SRI LANKA 11750, Sri Lanka Broadcasting Corporation verified with an E-QSL in 3 hours for a report sent to Victor Goonetilleke at victorg.broadcaster@gmail.com. (Shin'ichi Suzuki-Japan/Japan Shortwave Club)

TAJIKISTAN Reception of Bible Voice Broadcasting via Dushanbe, September 22: till 1300 on 11590 English Sun-Wed KTWR Trans World Radio Asia A-21 1300-1330 on 11590 DB English Mon-Wed (DX Mix-Bulgaria)

15515, Adventist World Radio via Dushanbe-Orzu, station monitored on 2nd August 2021. Full data eQSL received after two days for my email report to: qsl@awr.org. (Babul Gupta-India/Asian DX Review)

THAILAND:9920, Radio Thailand via Udon Thani. English programme, QSL received in 84 days for report in English sent to: rthworldservice@gmail.com. (Jacques Augustin-France/British DX Club)

UNITED ARAB EMIRATES NHK World Radio Japan via ENC-DMS Al-Dhabbayya on September 22: 1115-1145 on 17820 DHA Indonesian (DX Mix-Bulgaria)

15215, UAE Gaweylon Tibetan Radio via Dhabya, logged this station on 8th August 2021 and f/d eQSL arrived on 9th August 2021 for my email report to: gaweylon@gmail.com, V/S Anil R. Alfred

(Director). (Babul Gupta-India/Asian DX Review)

UNITED KINGDOM Frequency changes of BBC World Service from September 6:
0000-0100 NF 5945 SLA English, ex 6155 SLA
0000-0100 NF 7325 TAC English, ex 9575 WOF
0100-0200 NF 11730 SNG English, ex 11995 SNG
1200-1300 NF 15640 SNG English, ex 15145 SNG
1200-1400 on 11945 SNG English, addit. freq.
1400-1500 on 11725 SLA Dari BBC addit. Freq. (DX Mix-Bulgaria)

USA Sale of WHRI to Allen Weiner "expired" In his WBCQ broadcast on 21 August, Allen says that his original purchase agreement with WHRI expired on 10 August and was not renewed, so the deal is off. The rest of the broadcast was spent on railing against the insidious delaying tactics employed by the FCC who knew that if they just kept delaying, then the deal was likely doomed. (British DX Club)

World's Last Chance Radio WLCRadio in English via WBCQ-6 Monticello, September 15:
0300-0555 on 9330 English (DX Mix-Bulgaria)

Reception of Vatican Radio in Spanish via USAGM Greenville B on September 17:
1130-1131 on 7305 15 seconds Voice of America in French & Vatican Radio IS
1131-1145 on 7305 Spanish (DX Mix-Bulgaria)

7505, On 5 August 2021, I sent a reception report for 90 minutes to WRNOs two announced e-mail addresses and 7505abcd@gmail.com. On 18 August 2021, I received this reply: "Greetings, Thank you for your reception report, we appreciate you taking the time to correspond with us. You are correct we do not have any form for reception reports on our website, thanks for

pointing that out we will try to work on doing that in the future. We were blessed to hear the you tuned into 7505. We will send you a QSL card in the post. We hope you will continue to catch the wave on 7505. Stay blessed WRNO Staff" So we now know an e-mail-address that should work, and we also know that WRNO might re-establish a QSL form on their website. (Hansjoerg Biener-Germany/Worldwide DX Club)

9955, Radio Emma Toc World Service via Okeechobee, Florida, in English, log this station on 5th August 2021 at 0010 hrs. to 0030 hrs. UTC, f/d eQSL with beautiful cards received after 5 days for my email report to: emmatoc1922@gmail.com, V/S Jim Salmon. (Babul Gupta-India/Asian DX Review)

UZBEKISTAN Bible Voice Broadcasting in Nuer via MBR Tashkent, September 2: 1430-1459 on 15300 Nuer (DX Mix-Bulgaria)

Adventist World Radio via RRTM Telecom Tashkent on September 20: 1200-1300 on 12104.8v Chinese/Cantonese

Adventist World Radio via RRTM Telecom Tashkent on September 21: 1200-1300 on 15669.9v Korean (DX Mix-Bulgaria)

VANUATU 5040, R. Vanuatu, Emten Lagoon. This station's on-again-off-again erratic service is currently on here at 0740. Noted with Bislama community anncts and messages, good signal. Still going strong with a news broadcast when checked again at 1000. ID and closing anncts at 1100, followed by the national anthem, off-air at 1102. Nothing on 3945 or the harmonics. (Wagner-Australia/Australian DX News)

VATICAN 7245 NHK World Radio Japan (Santa Maria de Galeria) at 0440 beginning a program about Japanese landmarks. Fair, //7355 France poor, Sept. 2. (Harold Sellers-BC/DXplorer)

VENEZUELA Radio Onda Corta Venezuela, El Tigre, is on air again on 6205 as reported by its engineer Gregorio Kina in the ROCV whatsapp group. Confirmed via Bonaire SDR receiver (Manuel Méndez-Spain/British DX Club)

ZAMBIA (Bryan Clark-New Zealand/New Zealand DX Times) 5915, Zambia NBC, Radio 1, Lusaka, 1840-1910 on Sept 11, Vernacular, comments. 13221. (Manuel Mendez-Spain/hcdx Sept 16/TopNews)

6065, Voice of Hope Africa, Lusaka, 1740-1805 on Sept 13, English, DX program "Wavescan", at 1759 ID. "This is Voice of Hope", religious comments. 35433. (Manuel Mendez-Spain/hcdx Sept 16/TopNews)

11680, Voice of Hope (Lusaka) at 0443 with Christian worship song "Break Every Chain", another song followed. Poor, //9680 barely audible, Sept. 2. (Harold Sellers-BC/DXplorer)

ZANZIBAR 6015, Sep 9, 0344, Zanzibar Broadcasting Corporation, Dole, Swahili, comments. (Méndez-Spain/Shortwave Bulletin)

Schedules, news and other information about shortwave broadcasting activity can be send to Richard A D'Angelo, 2216 Burkey Drive, Wyomissing, PA 19610 or via e-mail to rdangelo3@aol.com (please indicate in the subject that your contribution is for Listeners Notebook). Thanks! 73, Rich

Pirate Radio Report

Brian Penney • 30 Acorn Way • Brewster, MA 02631 • swradio@comcast.net



Welcome pirate radio enthusiasts to another edition of the Pirate Radio Report. Hopefully the cooler fall weather will mean lower noise and improving radio propagation conditions.

Pirate radio activity continues its onward march into your receivers. Band conditions on Labor Day weekend were the best that I've experienced in a long time. Many stations were active with Wolverine Radio, X-FM, Radio Genix, Truth Radio International, WDOG, Radio Noid, Ballsmacker Radio, ION Radio, Radio Free Whatever, Outhouse Radio, WTF Radio Worldwide, Sycko Radio and Mix Radio International all received at my QTH. Many more stations were reported and logged on HF Underground. On Sunday evening September 5th, up to nine stations were being logged on HFU! DJ Dickweed and Redhat were both taking phone calls from listeners. Even a few pirate radio operators took time out of their broadcasts to call in as well. Overall, it was a very busy weekend! Thanks to all pirate operators for taking to the airwaves!

Mix Radio International continues to impress listeners with a plethora of music styles. Back in early 2020, I approached Mix Radio

and asked if he would be willing to do an all-classical show. He replied that if I supplied the playlist, he'd download the music and produce the show. Three hours of classical music ran in 2020 and on September 11, 2021 four hours of some of the most popular classical music pieces were brought to the airwaves! Many thanks to MRI for tackling the arduous task of downloading the music and producing the show. Mix Radio's technical expertise was evident as the audio quality was near FM quality. Even if you're not a classical music aficionado, who can't appreciate hearing hours of classical music on shortwave from a free radio station?

October is perhaps one of the busiest months for pirate radio activity. Columbus Day weekend usually yields a few unique pirates but the big pirate radio holiday is Halloween! Halloween falls on a Sunday this year, so be sure to listen-in the entire weekend.

Many thanks to this month's contributors: Glenn Hauser, Chris Lobdell, Greg Majewski, Bill Montney, Gianni Serra and Mark Taylor.

4185-USB, PIRATE-NA. **RADIO FREE WHATEVER**. 0046-0110, 08-22-21, DJ DW playing tunes by Mags, Ratinoff, talking call from Charlie L. More music by Sufjan Stevens, etc. S9+ (Lobdell-MA)

4860-USB, PIRATE-NA. **SYCKO RADIO**. 0303-0310+, 08-29-21, Several IDs, talking, played "Psycho" by SYN. S8 (Lobdell-MA)

5014.94-AM, PIRATE-EUROPE. **RADIO DELTRACKS**. 0433-0450, 09-12-21, ongoing

rock,synth pop etc songs (Eurhythmics' Sweet Dreams), w/ man dj very brief announcement; (Serra-Italy)

5185-AM, PIRATE-NA. **THE ELECTRIC DOMINATRIX/RADIO ILLUMINATI**. 2333 - 0020, 09/19 - 09-20-21, Rock n' Roll music mix from The Eagles and solo artists. S7-S8. (Penney-MA)

5825-AM, PIRATE-EUROPE. **RADIO CONTINENTAL (P)**. 1725-1752, 09-10-21, playing some music and then folk, rock, disco etc songs (Scott McKenzie's San Francisco etc),interspersed by man dj brief or longer talk, but not much clear, mentioned ID. Poor/Fair. (Serra-Italy)

6035-USB, PIRATE-NA. **MIX RADIO INTERNATIONAL**. 0029-0105*, 08-23-21, Pop music by Dije Naggi, Elephant, Portugal The Man, etc. IDs before close down. S9+10 (Lobdell-MA)

6270-AM PIRATE-EUROPE. **OFFSHORE MUSIC RADIO**. 2206-2225+, 09-18-21, Program of oldies with tunes by the Tremeloes, Flower Pot Men, Johnny Burnette, Zombies, ID Gary Puckett, Rolling Stones. S9 (Lobdell-MA)

6285-AM, PIRATE-NA. **X-FM**. 0118, 09-05-21, Opening sequence of fill music with periodic announcements to keep listening for X-FM's program. Originally on 6925-AM then abruptly off at 0127. Reappeared with opening sequence on 6285 AM about 4 or 5 minutes later. After the first song, Redhat explained what happened and how he got to 6285. "everything went wrong." Playing a program of new music. Many ID's, gmail address, shout outs to folks who logged him on HF Underground, and into music. (Taylor-WI)

6880-USB, PIRATE-NA. **MIX RADIO INTERNATIONAL**. 0148, 08-31-21, only pirate activity is here, with classical music,

believe it or not! 0151 ID as Mix Radio International, more classical. I keep listening in astonishment, as most pirates avoid classical like the plague. But MRI after all is ``mixed`` and have broadcast various genres before. Let us say these are ``popular classics``, war horses of tuneful "recognizability". S9/+10 (Hauser-OK)

6880-USB, PIRATE-NA. **MIX RADIO INTERNATIONAL**. 2330 - 0130, 09/10-09-11-21, All-Classical show. YL w/ID. Excellent signal, phenomenal audio. S9+10. (Penney-MA)

6925-USB, PIRATE-NA. **CHOIR BOY RADIO**. 0042-0127+, 08-22-21, Talk by Zeeky, ID, some thought it was "Quiet Boy Radio", lol. Tunes by Queens of the Stone age, The Stroker. Zeeky mentioned QSLs to those who are nice. S9 (Lobdell-MA)

6925-AM, PIRATE-NA. **YEAH MAN RADIO**. 2325 - 0015, 09/05-09-06-21, "Solid-Gold, Million Dollar Weekend" show. YM w/ID. Decent signal. S5. (Penney-MA)

6925-USB, PIRATE-NA. **OUTHOUSE RADIO**. 0120, 09-12-21. Nice blues with SSTV - US flag in front with wreckage in background "Remembering 9/11"; hands in the shape of a heart with US stars and stripes coloring hands and "9/11" in middle; dogs playing cards painting "The Outhouse Radio crew" Fair-good. (Taylor-WI)

6925-USB, PIRATE-NA, **KDOG**. 0145-0245+, 09-19-21, Program of old blues tunes by Mississippi Fred McDowell, Boy Blue, Rosalie Hill. Lots of howling and SSTVs with Dogs. S9 (Lobdell-MA)

6926-AM, PIRATE-NA. **WTF RADIO WORLDWIDE**. 2345-0015, 09/03 - 09-04-21, A nice long show of Indie and new groups. Heard the songs, Parsol, Proxima B, Hold me tight, Freckles and others. The id at 0008

gave WTF as what's The Frequency Kenneth (REM song). Good Signal. (Majewski-CT)

6930-USB, PIRATE-NA. **RADIO 48(P)**. 0114, 09-05-21, Symphonic or movie music. Just barely audible. ID from HF Underground. Couldn't stay with it and the recording was poor also. (Taylor-WI)

6930-USB, PIRATE-NA. **UNID**. 0030, 09-12-21, "Star spangled banner "on piano, SSTV (Twin towers over U.S. flag "Honor and remembrance" (Taylor - WI)

6933-USB, PIRATE-NA. **GOAT HERDER RADIO**. 0120, 08-29-21, Zecky with pop music (60's - 70's) and talk about an echo in his headset, the farm, etc. eventually an ID. Fair. (Taylor-WI)

6933-USB, PIRATE-NA. **PRINCE OF DARKNESS RADIO**. 2300 - 2355, 09-02-21, Head-banging, heavy metal rock music. OM Zeke w/ID shout outs to HFU posters and commentary. Decent signal. S6. (Penney-MA)



6935-USB, PIRATE-NA. **RADIO GENIX**. 0001-0135, 09-06-21, A long show. There were multiple stations on at the time and I was going between them. Heard Queen's Radio GaGa, and others. Fair Signal. (Majewski-CT)

6950-USB, PIRATE-NA. **WOLVERINE RADIO**. 0123, 08-22-21, pirate music, 0123

Wolverine Radio reverbing ID, into SSTV and off by 0125* Many HFUreports here of keyword theme ``Angel`` and SSTV images of one. Gotta hand it to Mr. Wolverine for creativity S9/+10. (Hauser-OK)

6950-USB, PIRATE-NA. **RADIO GENIX**. 0301, 09-05-21, Mx into MotorHead w/ "God Save the Queen", Blue Oyster Cult w/ "Burning for You", Bee Gee's next w/ "Stayin Alive", America w/ "A Horse with No Name", House of Pain w/ "Jump Around" then Quiet Riot w/ "Come Feel the Noise." Pulled plug @0:50. (Montney-MI)

6950-USB, PIRATE-NA. **UNID**. 2326, 09-11-21, Mx into KC and the Sunshine Boys w/"That's the Way I Like It" Neurotic Outsiders w/"Nasty Ho", Simon and Garfunkel cools things Down w/"The Sound of Silence", More softening up with Artists: Anne Murray, John Denver, and Andy Williams.Good. (Montney-MI)

6955-USB, PIRATE-NA. **RADIO NOID**. 2336, 09-03-21, Playing 30's - 40's jazz and big band music with some boogie woogie in for good measure. SSTV of a blue man with a visible red brain holding his head with the names of us who logged Radio Noid on HF Underground (including me.) This was resent 5 times adding names and "Radio nerds" 3rd send, "Hello Radio Nerds" 4th, and "Over the air QSL for the Radio Nerds.Good. (Taylor-WI)

6955-USB, PIRATE-NA. **OUTHOUSE RADIO**. 0040-0042, 09-06-21, A Pink Floyd song followed by an ID at 0042. Fair signal. (Majewski-CT)

6955-USB, PIRATE-NA **WBNY**. 0030, 09-07-21, Revival of this classic station with current rabbit revolution, rodent / rabbit related songs, chaotic sections and general chaos. Fair. (Taylor-WI)

6956-USB, PIRATE-NA. **WRRR (Rabbit Rapture Radio)**. 0045, 09-07-21, Chaotic bits of music including "Here comes Mr. Cottontail" with other sounds and song bits cut in, looped phrases, bits of songs. 10 SSTV sent without a break: "WRRR Rabbit Rapture Radio" with pictures of humans being lifted into the clouds; Sketch of Commander Bunny "WBNY - Pirate Radio"; 6 "Impeach Biden" SSTV of different types; another Commander Bunny sketch; repeat of first WRRR image. (Taylor-WI)

6960-USB, PIRATE-NA. **WASTELAND RADIO**. 2341, 08-29-21. Hard rock and some blues between SSTV sends (Radio tower above houses. "WLR"; 2nd SSTV Woman figure in front of perhaps an altar with a fire. SSTV; robot with an umbrella with "WLR"; woman warrior with "WLR"; woman figure with long flowing veil next to a car with the hatch open, off. Fair. (Taylor-WI)

6960-USB, PIRATE-NA. **WDOG**. 0017-0144, 09-04-21, Another nice long show, initially with songs that had word Dog either in the lyrics or title. Followed by classic rock tunes. Gave the id in CW. Good signal. (Majewski-CT)

6960-AM, PIRATE-NA. **BALLSMACKER RADIO**. 0106, 09-04-21. On with their Friday night broadcast. Contemporary pop / rock, 0119 woman with ID and bowling pins dropping which continued for some time. Didn't listen for a theme since the signal was very noisy and weak despite fair - good signal strength. (Taylor-WI)

6960-USB, PIRATE-NA. **WDOG**. 2359, 09-04-21, Tube Way Army w/"Are Friends Electric". 0:06 Anncr w/ID. David Bowie next w/"Fall Dog Bombs the Moon". Elton John and "The Bitch is Back" The next four tunes have to do w/"Dogs" Good. (Montney-MI.)

6960-AM, PIRATE-NA. **WTF RADIO WORLDWIDE**. 2322-2350, 09-18-21, Tunes by Run River North, Future Connections, Angel Olsen, Dramarama and others Nice audio and S9+ signal. (Lobdell-MA)

6965-USB, PIRATE-NA. **RADIO FREE WHATEVER**. 0017-0127, 09-06-21, DJ Dickweed with a nice show of Indie artist music and request. He had the phone line open. Sycko called in as well as others. He gave a shout out to the posters on the HF Underground. Signal faded out at 0127. (Majewski-CT)

6965-AM, PIRATE-NA. **THE BEGINNING**. 0045, 09-12-21, "Smoke on the water", long techno piece, ID into more Techno. Fair to good. (Taylor-WI)

6969- USB, PIRATE-NA. **LODE RADIO**. 0117, 09-03-21, Man announcer taking calls with some longer soliquities. Offered a QSL at one point to L0deradio at ????.com, got partial telephone number 877-398-?????. Managed a couple of ID's at peaks. Poor and noisy reception made difficult listening. (Taylor-WI)

6970-USB, PIRATE-NA. **WOLVERINE RADIO**, 0015-0103, 09-04-21, A theme show with songs that use the word Red. Heard Red House Blues, Redneck Friends, Red Shoes and others. ID at 0030 and off at 0103 with



SSTV. Excellent signal with great audio. (Majewski-CT)

Madlib, etc... Signal was up and down with no IDs. (Lobdell-MA)

6975-AM, PIRATE-NA. **NOWHERE RADIO.** 0200-0502+, 09-07-21, TENTATIVE ID. Program Of music by Elephant Rifle, Nic Gyalson, Espers, Funky Stull, Black Helium, Function Stone, Lisofv, Clay Brothers,

11840-AM, PIRATE-NA. **YHWH.** 1534, 09-11-21, direct, usual earnest anti-Christ assertions. This time I beat RickBarton, AZ in notifying the WOR by only one minute, but he was not hearing Josiah Elias until 1540 tune-in. (Hauser-OK)

Scoreboard

Gary R. Neal • P.O. Box 1 • Cockeysville, MD 21030-0001 • grneal@earthlink.net

This month we are highlighting our members' totals from North & Central America. Ranking is based upon North & Central American Countries Verified. This is your chance to show everyone how well you are doing. The next deadline is March 15th for the April 2022 issue of the Journal. The spotlight will be on Africa.

Name, State	Total		American		Best North & Central American QSL
	C/H	C/V	C/H	C/V	
Don Jensen, WI	256	256	30	30	Barbados Rediffusion, Bridgetown Barbados
Harold Cones, VA	247	246	28	28	
Jerry Berg, MA	244	244	26	26	ZNX32 Barbados Rediffusion Ltd.
Tom Williamson, ON	243	230	28	26	PJC Curacao
Edward Kusalik, ALB	250	249	25	25	VS18 Turk & Caicos 4788
Dan Henderson, MD	253	248	25	25	CKFX Vancouver Canada 6080 kHz
Marlin Field, MI	246	246	25	25	CFRX (10 w.)
Wendel Craighead, KS	235	223	24	24	Voice of Mongolia via Cuba
James W. Young, CA	253	239	29	23	Turks & Caicos Is. (500 w.)
Chris Lobdell, MA	229	225	25	23	VSWI - Turks & Caicos
Paul Buer, FL	219	208	24	23	CKFX (10 w.)
Rich D'Angelo, PA	234	234	22	22	Gronlands Radio, Greenland
Stephen Leite, MA	210	197	22	22	CKFX (10 w.)
Steven R. Lare, MI	239	226	22	21	CKFX (10 w.)
Sheryl Paszkiewicz, WI	225	219	21	21	R N El Salvador
Jerry Klinck, NY	220	202	22	21	R. Miskut
Donald Hosmer	228	201	22	21	Gronlands Radio, Greenland
Ron Howard, CA	212	200	22	21	Turks & Caicos
Christos Rigas, IL	217	198	21	20	R. Free Grenada
James R. Renfrew, NY	189	161	20	20	R. Venceremos
Dan Robinson, MD	232	208	22	19	Radio Turks & Caicos
Jim Evans, TN	213	203	20	19	WIBS - Grenada 1963
Bill Smith, MA	186	177	19	19	Greenland

Allan R. Loudell, DE	192	167	20	19	YSS. El Salvador & R. Belize
Paul Brouillette, IL	148	121	19	19	CKFX (10 w.)
John Mosman, WI	120	120	18	18	Swan Island
George Maroti, NY	208	202	18	17	R. Imperial, El Salvador
Scott C. Newman, IN	148	113	17	17	R. Grenada
Stephen Price, PA	198	183	17	16	R. Miskut
Ross Comeau, MA	193	172	18	16	R. Miskut
Jerry Johnston, KY	210	141	20	16	CHU off frequency 3333 kHz
Dan Srebnick, NJ	156	121	18	15	AFN, Puerto Rico
Edward G. Stroh, IL	135	104	18	15	R. Grenada
Mark Humenyk, ON	169	148	14	14	KUSW
George L. Glotzbach, MN	154	136	15	14	CKZN
Gary R. Neal, MD	137	127	16	14	CHNX (50 w.)
Jilly Dybka, TN	145	108	15	14	La Voz del CID
Joe Kremer, OH	153	104	18	14	R. Belize
Richard Murphy, TX	135	88	14	14	
Scott R. Barbour, NH	168	115	15	13	WRNO
David Turnick, PA	175	158	15	12	R. Impacto, Costa Rica
Larry Colton, FL	154	125	14	12	Radio Barahona, DR
Ken McCartney, OH	124	73	17	12	El Salvador
Doug Tilley, WA	117	89	17	11	R. Belize
Gary W. Froemming, AZ	184	44	17	6	WWVL
Alex Vranes, Jr. WV	226	216			
Bob Raymond, NH	175	151			
Richard Bradley, MA	145	130			
Richard E. Lawrenson, RI	145	129			
Jerry Ervine, TX	110	60			

NASWA E-group at Groups.io: Join moderator Dan Ferguson, the club's e-mail based E-group, and other club members to discuss reception of shortwave radio broadcasts, program content, propagation, reception conditions, loggings, hot news and information as well as radio equipment and accessories and any topics related to shortwave radio in general. Please keep in mind that loggings, QSL news, schedule changes should also be reported to the appropriate column editor of the Journal for publication. This forum is a supplement to, not a replacement of, The Journal. Subscribe by going to <https://groups.io/g/NASWA>. Any club members wishing to participate in the NASWA E-group at Groups.io, moderated by Dan Ferguson (k4voa@zerobeat.org), but not interested in registering direct with Groups.io should contact Dan direct by e-mail for further information. Dan can manually add you to the group.



Contributors' Page

The following people made contributions to this issue:

The rightmost column is the column key: first letter of column name, except L = Loggings, LN = Listener's Notebook, and LR = Listening Review.

Greg MAJEWSKI , Oakdale, CT	Air Spy HF+, Xiegu G60 SDR	L, P
Mark TAYLOR , Madison, WI	Perseus, Elad FDM-SW2, Airspy HF+ dual & Discovery, various portables; W6LVP loops, Welbrook ALA 100 N	L, P
Rich D'ANGELO , Wyomissing, PA	Ten-Tec RX-340, Drake R-8B, Eton E1, Eton E5, Alpha Delta DX Sloper, RF Systems Mini-Windom, Datong FL3, JPS ANC-4	L
Vince HENLEY , Anacortes, WA	WiNRADiO G39DDCe SDR, ICOM IC-R8600, Ten-Tec RX-340, SDRPLAY RSPdx, TECSUN PL-880. Antennas: whip on PL-880 and Alpha-Delta DX-Ultra installed broadside east - west at 30 feet for all others.	L
Bill MCDAVITT , Englewood, FL	Kenwood TS-440SAT with DX Engineering DXE-RPA-2 Preamp 75' End Fed Longwire up 40' / Hustler Vertical 5BTV w/35 radials and a buried in ground Alpha-Delta DX-SWL	L
Dario GABRIELLI , Italy		LN
Rick BARTON , Sun City, AZ	SW-1, SW-8, SW-2000629, Satellit 205/TR5000, HQ-180A, long wires and Slinky, indoor shortwire and improvised window frame antenna.	L
Jerry BERG , Lexington, MA		LN
Eric BUENEMAN , DXep, Creve Coeur Park, Maryland Hts, MO	Tecsun PL-600, MFJ-1022 active antenna	L, M
Eric BUENEMAN , Hazelwood, MO	Sangean ATS-803A, 30' logwire, SDRplay RSPdx SDR, Apex 303WA-2 vertical antenna	L
Ed CICHOREK , Somerset, NJ	R75, SW8, ICF2010, MFJ956 outdoor sloper, HF-319 Loop	L
Gianni SERRA , Roma, Italy		P
Glenn HAUSER , Enid OK	NRD-545 with ALA-330S, IC-R75, PL-880, random wires	L,P
Brian PENNEY , Brewster, MA	Perseus, Wellbrook ALA1530LN	P

Chris LOBDELL, Stoneham, MA

Eton E1, JRC NRD-525, 535 and 545, Icom P
IC-7300, MFJ G5RV dipole

Bill MONTNEY, Monroe, MI

P

Bob WILKNER, Pompano Beach, FL

LN

Dan ROBINSON, Potomac, MD

LN

Loggings

Dave Turnick • 372 Spohn Road • Sinking Spring, PA 19608 • david.turnick@gmail.com

- 2500 **UNITED STATES WWV** Fort Collins, CO – 8/6 0026 noted with time signals and UTC time check in English. SIO 323. (Bueneman-MO/CCDX)
- 3160 **UNITED STATES WBCQ**, 2321, 8-19-21. Tuned in to a rerun of the late Jean Shepherd, master raconteur. Good (Cichorek-NJ)
- 3320 **NORTH KOREA Pyongyang Broadcast service** at 1034, w/ Patriotic choruses, in progress at tune-in. – Fair 8/4 (Barton-AZ)
- 3330 **CANADA CHU** Ottawa, ON -8/6 0027 noted with time signals, “CHU Canada” ID in English, UTC time check in English and French at 0028. SIO 333. (Bueneman-MO/CCDX)
- 3605 **UNITED STATE Radio Marti** in SS to Cuba. September 10, 2021, 1516 – 1520. SIO 232. Poor, noisy signal. Mixed OM and YL announcers. Latin MX. Overall poor listening. (Henley, WA)
- 3925 **JAPAN R Nikkei** Program One 1130, lively banter in Japanese M, W. Not as strong as the // on 6055. – Poor to Fair 8/17 Barton-AZ
- 4765 **CUBA Radio Progreso** via Bejucal, Ciudad de la Habana – 8/6 0125 noted with commentary, “RP” ID and vocal music in Spanish. SIO 333. (Bueneman-MO/CCDX)
- 4775 **PERU Radio Tarma** – Tarma, 1025, 7/17/21 in Spanish. Program of light contemporary Latin (presumed Peruvian) music with DJ talk between songs including a couple of ID’s in passing. Fair – good signal marred by CODAR swishes. (Taylor – WI)
- 4790 **UNITED STATES WBCQ** – Monticello, Me. (P), 1029, 7/17/21. Non Br. Stair man preaching about the “Holy Ghost” at some length. Tuned away, then back in at 1058 hoping for a ToH ID - none. There was a chaotic “praise” section over a piano playing a hymn, typical of Overcomer Saturday services, then into a young Brother Stair preaching. Signal was good. Tired again about 1129 to see if there was an ID and the signal was barely audible. // WRMI with Overcomer on 9455. (Taylor – WI)
- 4840 **UNITED STATES WWCR**, 0341, 8-20-21. Axex Jones show with anti vax talk and ad for info wars. Good (Cichorek-NJ)
- 4885 **BRAZIL Radio Clube do Pará** - Belém, PA, conversation between two men in the Portuguese language with time pips noted at 0315 and again at 0330. Fair to good signal. (D’Angelo-PA)

- 4885 **BRAZIL *Radio Clube do Pará*** ZYG362 Belém, Pará – 8/6 0024 noted with commentary in Portuguese. SIO 222. (Bueneman-MO/CCDX)
- 4890 **OPPOSITION *Echo of Hope*** – Gyongge-do, South Korea (P), 1035, 7/17/21 in Korean. Woman with lively talk (maybe a story). Ron Howard tells me that this is part of an English lesson using a lot of Korean reading a Harry Potter series book. (Taylor – WI)
- 4900 **CHINA *Voice of the Strait*** (Fuzhou) 1130 Pop vocal music – Fair 8/4 Barton-AZ
- 4940 **COLOMBIA *Radio La Montana*** – Maicao, 0332-0508 Sep 8, after a vocal selection a woman began a religious talk. More music and mix of talks by a man and woman until 0400 station ID followed by a real long religious talk by another man announcer. Vocal selection followed by an announcer with station ID prior to a final vocal selection before I tuned out. Poor to fair with some decent peaks. (D'Angelo-PA)
- 4940 **CHINA *Voice of the Strait*** (Fuzhou) 1134 Talk; W in Chinese – Fair 8/4 (Barton-AZ)
- 5025 **CUBA *Radio Rebelde*** CMBA Bauta, Ciudad de la Habana – 8/6 0010 noted with sporting event play-by-play in Spanish. SIO 434. (Bueneman-MO/CCDX)
- 5040 **CUBA *Radio Havana Cuba*** via La Habana – 8/6 0020 noted with commentary in Spanish. SIO 434. (Bueneman-MO/CCDX)
- 5085 **UNITED STATES *WTWW*** - English, 0110 - 0200 17 August Nice music show with a lot of ads for MFJ equipment. Good Signal (Majewski CT)
- 5800 **UNITED STATES *Supreme Master TV*** ?? 0020-0051 Sep 8, Supreme Master TV – Okeechobee, English language program with many station IDs featuring short talk segments hosted by a man and woman announcers. Good signal. (D'Angelo-PA)
- 5800 **UNITED STATES *R. Prague*** via WRMI, 0152, 8-21-21. Woman in English with talk followed by a male singer with aversion of Hotel California. ID in English at 0159. Good (Cichorek-NJ)
- 5900 **BULGARIA *Overcomer Ministry*** – Kostinbrod (Sofia), 02421-0344 Aug 26, Brother Stair's Overcomer Ministry active on this frequency with the usual religious fare. Poor to fair signal. (D'Angelo-PA)
- 5900 **BULGARIA, *Overcomer Ministry***, 0148, 8-21-21. Male preacher with fire and brimstone delivery. Lots of Hallelujahs. Fair with QRN (Cichorek-NJ)
- 5900 **BULGARIA *Overcomer Ministry***, 0221, 8-10-21, Heard male with religious message in English. Poor with QRN. (Cichorek-NJ)
- 5930 **FRANCE *Radio Algerienne*** - Issoudun. 2251-2300* Aug 10, man with recitations from the Holy Quran followed by a man announcer with Arabic language talk just before the transmission was terminated. Poor to fair. (D'Angelo-PA)
- 5950 **UNITED STATES *Texas Radio Shortwave*** – WRMI Okeechobee, 0052-0159 Sep 5, heard Radio Clash Euro pirate program prior to special program special program for NASWA club members with Cap'n Ric playing musical selections from the Austin City Limits program over the years beginning at 0100. Plenty of station IDs and e-mail address for QSLs (texasradiosw@gmail.com). Very good signal. (D'Angelo-PA)
- 5950 **UNITED STATES, *Truth2Ponder***, 0229, 8-10-21. Male with conspiracy theories and anti vax talk. Good. (Cichorek-NJ)
- 5980 **NEW ZEALAND *RNZ Pacific*** 1410 Conversational political program. Looking for signs of Shiokaze, none heard. DPRK beeper jammer could be heard under the whole thing – Very Good 8/19 Barton-AZ

- 5995 **MALI Radio Television du Mali** – Bamako, 2349-0001* Sep 7, man announcer with French language talk hosting a popular music program. As usual, carrier cut mid-song without any formal closedown announcements. Fair. (D'Angelo-PA)
- 5995 **MALI ORTM**, Sept 15 at 0628, ORTM better than usual S9/+10 with strumming and yelling, into non-French talk. Normally audible by 0600 whether or not RHC has closed 6000 by then (Glenn Hauser, OK,)
- 6000 **CUBA Radio Habana Cuba**, 0223, 8-10-21. Woman in English with report on Olympic medal count praising Cuban athletes past and present. Good (Cichorek-NJ)
- 6040 **OPPOSITION Shiokaze/Sea Breeze** at 1330 // 5935... M, then W, in Korean and over familiar soft piano music. – Fair to Good August 4. ALSO: 5935, Shiokaze/Sea Breeze at 1345, Heard with Drake SW1, 50' N/S wire. W in English and closing after contact information nearer the next hour. Heard clicking sound co-channel that could have been signs of jamming, but sounded like OTHR radar pulsing – Fair to Good 8/6 (Barton-AZ)
- 6050 **FRANCE Radio Algerienne** – Issoudun, 0404-0422 Sep 1, talk by woman announcer in the Arabic language followed by a man with recitations. Fair to good signal. (D'Angelo-PA)
- 6070 **CANADA CFRX** Toronto, ON – 8/6 0031 noted with local ads and iHeart Radio promo in English. SIO 444. (Bueneman-MO/CCDX)
- 6105 **FRANCE NHK World Radio Nippon**, 0336, 8-20-21. Two males in Japanese calling a sporting event then brief musical background. Good (Cichorek-NJ)
- 6120 **AUSTRIA Adventist World Radio** – Moosbrunn, 0406-0429* Sep 3, woman announcer with a long religious talk in the Turkish language. Close down station ID prior to instrumental music and carrier cut. Fair to good signal. (D'Angelo-PA)
- 6160 **UNITED STATES WBCQ** - English, 0000 - 0015 21 August Alan Weiner World Wide, Alan was complaining about the heat in Maine. Excellent signal (Majewski CT)
- 6185 **MEXICO XEPPM**, 0246, 8-23-21. Tuned in to a vocal with violin followed by another vocal with guitar. At 0256, vocals continue with nice guitar in background. Vocals continue with violin and guitar. (Cichorek-NJ)
- 6185 **MEXICO XEPPM**, 0246, 8-23-21. Tuned in to a vocal with violin followed by another vocal with guitar. At 0256, vocals continue with nice guitar in background. Vocals continue with violin and guitar. (Cichorek-NJ)
- 7245 **CHINA CNR 2** in CC. China Business Radio. September 10, 2021, 1457 – 1502. SIO 433. POP MX, YL announcer. Domestic broadcast. MX, sound effects, heavy QRN, shallow QSB. OM announcer. Time pips at TOH. Programming continues past 1500. (Henley, WA)
- 7250 **CHINA China Radio Int'l** – Urumqi, 2247-2316 Aug 15, man and woman announcers talking in the Spanish language. Nice male vocal selection at 2253 which seemed to be the beginning of a musical program as non-stop vocal selections were heard. Poor at tune in but slowly improving. (D'Angelo-PA)
- 7295 **AUSTRIA BBC** – Moosbrunn, 0051-0108 Sep 8, woman announcer talking in the listed Dari language with a man announcer with station ID at 0059 over instrumental music. At 0100 a woman announcer opened the Pashto language program with another station ID quickly followed by some sort of radio drama. Good signal. (D'Angelo-PA)
- 7305 **UNITED STATES Vatican Radio** via Greenville, NC – 8/6 0120 noted with commentary in Portuguese. SIO 555. (Bueneman-MO/CCDX)

- 7375 **ROMANIA Radio Romania Int'l**, 0007 - 0014 Sept. 5 News with a story about a political crisis involving the Justice Department. Followed by a discussion of the COVID vaccination rates. There are people who do not want to be vaccinated. Into the World of Culture program. Excellent (Majewski CT)
- 7375 **ROMANIA Radio Romania Int'l** via Tiganesti - 8/6 0045 noted with talk on Romanian language and culture in English. SIO 545. (Bueneman-MO/CCDX)
- 7375 **ROMANIA Radio Romania Int'l** - English, 0015-0028 23 August the History Show talking about the use of informers during the Communist era. People told how they were forced to inform on others. Followed by the Artist of the Day and Focus on Romania. Excellent signal (Majewski CT)
- 7375 **GUAM Adventist World Radio** - Agana (P), 1129, 7/17/21 in Mandarin. Man preaching. Interesting that the pace and inflection is the same in Mandarin as in many other languages. Poor. (Taylor - WI)
- 7385 **CHINA PBS XIZANG**, 0300, 8-16-21. Woman in listed Tibetan with presumed news. Fair (Cichorek-NJ)
- 7410 **CHINA China Radio Int'l** in JJ to FE. September 7, 2021, 1502 - 1510. SIO 434. OM announcer with commentary. Moderate QRN, rapid, shallow QSB. OM with long monologue. Listenable. YL announcer joins at 1508. Program switch at 1510. (Henley, WA)
- 7485 **SINGAPORE BBC** in EE relay to ME via Kranji. September 10, 2021, 1507 - 1513. SIO 322. Mixed OM and YL announcers with programming to ME. Noisy signal, listenable with difficulty. Heavy QRN. (Henley, WA)
- 7485 **MOLDOVIA BBC**, 0302, 8-16-21. Woman in listed Persian with news items and mention of Afghanistan and Taliban. At 0303, casual BBC ID by male. Good (Cichorek-NJ)
- 7490 **UNITED STATES WBCQ** Monticello, ME - 8/5 2350 noted with talk on eminent domain in English. SIO 545. (Bueneman-MO/CCDX)
- 7505 **UNITED STATES WRNO** Worldwide New Orleans, LA - 8/6 noted with Christian teaching in English. SIO 555. (Bueneman-MO/CCDX)
- 8764 **UNITED STATES US Coast Guard NMN** Portsmouth, VA - 8/5 2320 noted with marine forecast for the North Atlantic in English. SIO 555 in USB mode. (Bueneman-MO/CCDX)
- 9105 **OPPOSITION Echo of Hope** - Suwon Osan (P), 1134, 7/17/21 in Korean. Woman with Harry Potter story in Korean as part of English teaching program. Poor - fair. (Taylor - WI)
- 9265 **UNITED STATES WINB** Red Lion, PA - 8/6 0055 noted with instrumental Christian music into a Bible story in English. SIO 444. (Bueneman-MO/CCDX)
- 9350 **PHILIPPINES Voice of America** 8-14-21, 1209, Male in listed Korean with music in background. Female with talk at 1224 in Korean. Poor (Cichorek-NJ)
- 9350 **PHILIPPINES Voice of America** (Tinang) 1240. News magazine, audio clips, in Korean but NOT // to 9490. Strange slow-tapping sound that may be et another OTHR radar signal. - Very Good 8/10 (Barton-AZ)
- 9390 **THAILAND Radio Thailand** 09/17/2021 1230 English. Radio Thailand News Hour with National and Global news stories, male/female anns Great Sigs 4/5/4/5/4 5 (McDavitt-FL)
- 9410 **PHILIPPINES Voice of America** in KK relay to FE via Tinang. September 7, 2021, 1454 - 1500. SIO 544. OM announcer with long monologue / news items. Moderate

- QRN / QSB. Listenable. YL joins at 1458 with program ID. Sign off MX with ID in EE by OM and then "Yankee Doodle" theme. Off air at 1500. (Henley, WA)
- 9410 SAO TOME BBC** 08/26/2021 0745 English. Male Ann with discussion of Middle East tensions. Female sign-off at 0800 with mention of upcoming program on Libya's Gaddafi. SIO 3/3/3 (McDavitt-FL)
- 9470 TAIWAN Clandestine Furusato no Kaze** / opposition in JJ to North Korea. (Tentative). September 6, 2021, 1603 – 1610. SIO 333. "Furusato no Kaze." YL with calm talk in JJ. Likely broadcast from Paochung, Taiwan. Moderate QRN, steep QSB. Background MX. Listenable. (Henley, WA)
- 9490 FRANCE Radio Republica** (Cuban Democratic Directorate) 09/15/2021 0130 Spanish. Clear Station ID "Radio Republica" followed by news/commentary. 5/5/5/5/5 (McDavitt-FL)
- 9490 THAILAND Voice of America** (Udon Thani) 1230. News and "VoA News ", magazine after the hour with translations of audio clips, a lot about vaccine issues in USA – Very Good 8/10 (Barton-AZ)
- 9575 UNITED KINGDOM BBC** - English, 0010-0017 August 30 News about the Taliban and Afghanistan, and a story about the battery problems of the Chevy Volt. Good signal (Majewski CT)\\
- 9575 UNITED KINGDOM BBC** - English, 0002 - 0007 Sept. 5 News with the Taliban putting down a protest by women, followed by a story about Afghani Women under the Taliban. Good signal (Majewski CT)
- 9575 UNITED KINGDOM BBC** - English, 0000-007 19 August World News, Taliban using social media to track down opponents. UN wants fighting to stop in Ethiopia. Good Signal (Majewski CT)
- 9575 UNITED KINGDOM BBC** - English, 0030 - 0035 23 August Repeat of news, had a story about storm Henri impacts on Connecticut and Rhode Island. Good signal (Majewski CT)
- 9575 ARMENIA BBC WS** 08/11/21 0015 English. BBC WS News and commentary. Excellent Sigs 5/5/5/5/5 (McDavitt-FL)
- 9615 PHILIPPINES BBC** in KK relay via Tinang. September 9, 2021, 1545 – 1552. SIO 444. YL and OM announcers alternating with talk and commentary. Language lesson EE / KK follows. (Henley, WA)
- 9675 IRAN Voice of Iran** (IRIB) 09/13/2021 2310 Hausa. Various male commentary, many mentions of "Iran". Piano ballad at 2320; off abruptly at 2322. Target audience Hausa Speaking West Africa. 3/5/3/5/3 (McDavitt-FL)
- 9675 CHINA China Radio Int'l** in RR to FE. September 7, 2021, 1447 – 1454. SIO 444. POP MX, YL singer. Moderate QRN / QSB. OM announcer alternating with YL in RR. YL with long monologue. (Henley, WA)
- 9685 OPPOSITION Nippon no kaze**/Wind from Japan 1500. Open with W in Korean over music, then monologue with M in Korean. Contact 411 towards end of broadcast – Very Good 8/19 Barton-AZ
- 9705 VATICAN Vatican Radio** 09/02/2021 2000 English. African Service of Vatican Radio. Interesting news stories from various countries in Africa. 4/5/4/4/4 Good Sigs (McDavitt-FL)
- 9705 OPPOSITION Furusato no kaze**/ Wind from Hometown, 1430 // 9450. W in Japanese, Japanese vocal music at 1220. Closing with W over the usual instrumental music both //s about equal. – Good to Very Good peaks 8/19 Barton-AZ

- 9740 **TAIWAN Radio Taiwan Int'l** via Paochung – 8/1 1135 noted with commentary in Japanese. SIO 333. (Bueneman-MO)
- 9760 **ALASKA KNLS** religious broadcaster in CC to FE. September 9, 2021, 1517 – 1523. SIO 555. Excellent signal. OM with sermon or religious message. Slight QSB, no QRN. Long monologue or homily. (Henley, WA)
- 9770 **EAST TURKISTAN China Radio Int'l** Sept 8 at 1645, nice low-key strumming Chinese music with occasional brief announcements until 1657*. Listed as CRI Hakka hour via Urumqi, land of imperialist ChiCom genocide against Uyghurs and other Moslems. Via Alberta SDR, I was seeking YHWH on 9775, which Rick Barton had just reported from AZ, but gone already (Glenn Hauser, OK, and)
- 9800 **ALASKA KNLS** religious broadcaster in RR to FE. September 7, 2021, 1525 – 1538. SIO 434. POP MX, YL vocalist. OM announcer. ID and contact information given in RR. OM with homily follows. Steep QSB to JBA, moderate QRN. MX, hymn sung by mixed choir. (Henley, WA)
- 9830 **TURKEY Voice of Turkey**, Sept 17 at 2211, VOT English direct is VP but clear of RTTY if tuned in LSB only (Glenn Hauser, OK, and
- 9830 **TURKEY Voice of Turkey**, Sept 15 at 2200, VOT English strong but with RTTY QRM on plus side into Maryland SDR; by sign-off 2248 the RTTY is hardly audible, IS until 2254* uncovering it still there (Glenn Hauser, OK,)
- 9870 **TURKEY Voice of Turkey** via Emirler – 8/6 0100 noted with news in Spanish. SIO 434. (Bueneman-MO/CCDX)
- 9875 **NORTH KOREA Voice of Korea** 08/30/2021 0815 Russian. Soft instrumental music, brief song intros by female ann. 3/5/4/4/4 (McDavitt-FL)
- 9920 **THAILAND R. Thailand** HSK9 09/05/2021 2030 English. Radio Thailand morning news with male/female Anns, National news with focus on delta covid; sign off at 2045 3/5/4/5/4 Decent Sigs (McDavitt-FL)
- 9925 **BOTSWANA Voice of America** – Mopeng Hill, 0314-0347 Aug 25, English language news features seemingly hosted by a man announcer. Station ID at 0330 after brief instrumental music. Poor in noisy conditions. (D'Angelo-PA)
- 9925 **GERMANY The Mighty KBC** via Nauen – 8/21 0015 noted with pop/rock Oldies, "The Mighty KBC" ID in English, ads in English and Dutch. SIO 545. (Bueneman-MO)
- 9975 **UNITED STATES KVOH** Rancho Simi, CA – 8/6 0005 noted with Contemporary Christian music into Christian teaching in Spanish. SIO 545. (Bueneman-MO/CCDX)
- 11570 **CLANDESTINE Dimtse Woyane Tigray** – Issoudun, 0416-0438 Sep 2, man announcer with talk in the listed Tigrinya language with a poor signal covered by jamming that dominated the channel tonight. (D'Angelo-PA)
- 11660 **CHINA China Radio Int'l** – Kashi, 2210-2227* Sep 8, French language program mainly consisting of short talks and some musical segments until closedown station ID and announcements. Poor to fair. (D'Angelo-PA)
- 11695 **PHILIPPINES Voice of America** (Tinang) 1315, W in (listed) Cambodian – Good 8/10 Barton-AZ
- 11725 **CHINA China Radio Int'l** (Xianyang) 1730. Dialogue with M, W, in German, some pop music. At 1750, what sounded to be German to Chinese language lesson? – Fair to Good 8/2 (Barton-AZ)

- 11740 **CHINA CNR-2/China Business Radio** (Lingshi) at 1500, M and W in Chinese, acoustic guitar music used to separate various items. On thru the next hour and off at 1606 – Fair 8/1 (Barton-AZ)
- 11770 **NIGERIA Voice of Nigeria**, 2031, 8-28-21. Two males in discussion in listed Hausa but signal abruptly gone at 2033. Poor (Cichorek-NJ)
- 11770 **NIGERIA Voice of Nigeria**, 2031, 8-28-21. Two males in discussion in listed Hausa but signal abruptly gone at 2033. Poor (Cichorek-NJ)
- 11780 **BRAZIL Radio Nacional da Amazônia ZYE365** Brasilia, DF – 8/6 0104 noted with rapid-fire talk in Portuguese. SIO 555. (Bueneman-MO/CCDX)
- 11810 **UNITED KINGDOM BBC**, 2027, 8-28-21. Male and female in discussion with "BBC world service" ID by female at 2029. News item with report on the ongoing evacuation in Afghanistan. Referenced President Biden's statement, Fair to poor. (Cichorek-NJ)
- 11810 **UNITED KINGDOM BBC**, 2027, 8-28-21. Male and female in discussion with "BBC world service" ID by female at 2029. News item with report on the ongoing evacuation in Afghanistan. Referenced President Biden's statement, Fair to poor. (Cichorek-NJ)
- 11870 **SRI LANKA Adventist World Radio** in CC to FE. September 6, 2021, 1439 – 1456. SIO 444. YL announcer. MX, OM singer, then YL singer follows. (Henley, WA)
- 11880 **UNITED STATES KBS World** via Greenville, NC – 8/6 0111 noted with commentary in Spanish. SIO 555. (Bueneman-MO/CCDX)
- 11900 **SAO TOME Voice of America** – Pinheira, 2116-2128 Aug 25, woman announcer with talk in the French language followed by several people in conversation. Poor signal and eventually buried by Voice of America/Santa Maria do Galeria opening at 2118. (D'Angelo-PA)
- 11900 **VATICAN Voice of America** - Santa Maria do Galeria, *2128-2159* Aug 25, woman announcer with announcements in the listed Baara language followed by instrumental music and station ID mentioning "Washington, DC". Another station ID followed by news and news features until close down. Good signal. (D'Angelo-PA)
- 11905 **AUSTRALIA Reach Beyond Australia** – Kununurra, 1140-1155* Aug 26, a man announcer with non-stop religious talk in the listed Burmese language. A woman announcer at 1153 followed by instrumental music. A man announcer at 1154 with English language station ID and schedule announcement, Poor to fair. (D'Angelo-PA)
- 11905 **SRI LANKA Sri Lanka Broadcasting Company** – Trincomalee, *0029-0057* Sep 1, beating drums interval signal followed by instrumental music prior to a woman announcer with station ID and opening announcements in the Hindi language. Program mainly of vocal selections. Fair to good reception again. (D'Angelo-PA)
- 11905 **SRI LANKA SLBC** 08/22/2021 0040 Bengali. Program of traditional folk music of Sri Lanka. Abruptly off at 0057. 4/4/4/4/4 Excellent Signals (McDavitt-FL)
- 11960 **GUAM KSDA/Adventist World Radio** 2200, sign-on, and into talk by M in (listed) Ngaju (spoken in Central Kalimantan, Indonesia) – Fair 8/22 Barton-AZ
- 11960 **GUAM KSDA/Adventist World Radio** (Agat) 2230, M in (listed) Indonesian, children's choir, then a string of vocal voices after a long monologue – Good 8/4 (Barton-AZ)
- 11960 **GUAM KSDA / Adventist World Radio** 2210. In progress at tune-in with monologue with man, sounded like religious lecture by the cadence, in (listed)

- Ngaju (Kalimantan region of Indonesia). Children's choir at 2222 – Fair 8/2 (Barton-AZ)
- 11965 MADASCAR *World Christian Broadcast***. Africa, 2015, 8-28-21. Male in English with address given for Bible material. Male talking in English with a parable with African percussion instrument in background. Parable about instilling values in children also accompanied with percussion instruments. (Good with slight fading. (Cichorek-NJ)
- 12000 CUBA *Radio Havana Cuba*** via La Habana – 8/6 0112 second harmonic of 6000 kHz; noted with commentary in Spanish. SIO 333. (Bueneman-MO/CCDX)
- 12005 UNITED KINGDOM *Radio Farda***, 1351, 9-17-21. Tuned in to two men in an intense conversation in listed Persian. Fair to good with fading. (Cichorek-NJ)
- 12005 UNITED KINGDOM *R Farda*** at 1700. W, M in (listed) Farsi/Persian (Iranian), some pop music. Pips at BoH, ID by W – Fair 8/17 Barton-AZ
- 12035 THAILAND *Voice of America*** Deewa Radio (via Udon Thani) 1600, M and Win (listed) Pashto (Afghanistan) – Fair to Good 8/17 Barton-AZ
- 12055 PHILIPPINES *FEBC Radio*** (Bocau) 0015, M open in (listed) Lahu (spoken in pockets of China, Laos, Vietnam, Thailand, et al), pop music cuts. Chorus of unusual sounding vocal music to switch on the quarter hour to Wa language (spoken in Myanmar and China, according to reference lookup). Intermittent QRM from OTHR radar bursts – Fair; Poor on some deep dips Radar pulse QRM noted 8/5 (Barton-AZ)
- 12095 MADAGASCAR *BBC*** relay in Somali to East Africa. September 7, 2021, 1441 – 1446. SIO 322. From Talata Volonondry. Flutter on signal. OM announcer. Heavy QRN, fluttery QSB. Listenable with difficulty. YL with ID in Somali, MX clips. (Henley, WA)
- 12095 UNITED KINGDOM *BBC***, 1953, 8-28-21. Afro vocals then talk in English by male. Poor (Cichorek-NJ)
- 12160 UNITED STATES *WWCR*** 2 in EE from Nashville, TN. September 6, 2021, 1541 – 1551. SIO 444. CSC Talk Radio with Beth Ann. Talk of Civil Rights legislation and the progress the USA has made. We don't seem to get credit for our successes. (Henley, WA)
- 12160 UNITED STATES *WWCR***, 1744, 8-10-21. Alex Jones show with usual talk, interviews and ads for the tax doctor. Good (Cichorek-NJ)
- 13264 IRELAND *Shannon VOLMET*** – 8/5 2326 noted with weather reports for various European airports, "This is Shannon VOLMET, Shannon VOLMET" ID in English. SIO 333 in USB mode. (Bueneman-MO/CCDX)
- 13610 JAPAN *NHK World Radio*** 1445, programming in (listed) Burmese, W nearer the hour with closing ann, several references to "NHK" familiar pips at ToH, ID by M, and going forward in Japanese. Several references to "Hokkaido" (northernmost prefecture) – Fair 8/8 (Barton-AZ)
- 13650 NORTH KOREA *KCBS/Voice of Korea*** 1400. M in Korean, long monologue. Constantly hammered by blasts from OTH Radar pulses. Predictably, sappy soprano vocalist with patriotic song at 1415 tune-out, still clobbered by strong radar pulse. – Fair 8/6 (Barton-AZ)
- 13660 ROMANIA *Radio Romania Int'l*** 1545, not usually heard here, W in Arabic, soprano vocalist at 1553. Familiar RRI tuning signal noted at 1555 and then off – Fair 8/5 (Barton-AZ)

- 13710 SAUDI ARABIA *Holy Quran*** to North Africa. September 10, 2021, 1521 – 1530. SIO 222. Chanting Quran verses to North Africa, OM chanting verses. Noisy signal, listenable with difficulty. SBA Holy Quran Radio from Riyadh. OM with talk following chanting, then more chanting. (Henley, WA)
- 13760 CHINA *China Radio Int'l*** - English/Chinese, 1637 - 1640 22 August A show with a male and female announcer talking how to express ideas in both English and Chinese. They gave the phrase in both languages. Fair signal (Majewski CT)
- 13840 NEW ZEALAND *Radio New Zealand Pacific*** via Rangitaiki -8/5 2352 noted with a discussion in English. SIO 323. (Bueneman-MO/CCDX)
- 15000 HAWAII *WWVH*** Kekaha, Kauai – 8/5 2312 noted with UTC time check in English into time signals. SIO 323 with no sign of WWV. (Bueneman-MO/CCDX)
- 15140 CUBA *Radio Habana Cuba*** in SS to SAM. September 10, 2021, 1446 – 1454. SIO 343. Latin MX, OM announcer. Steep QSB to JBA. Frequent ID. Listenable. (Henley, WA)
- 15340 ROMANIA *Radio Romania Int'l*** 1340. Unexpected reception. String of pop music tunes, W presenter CLEARLY in Romanian. Started losing steam as the hour approached. Fair at best after 1400 – Bine 8/10 (Barton-AZ)
- 15420 CLANDESTINE *Voice of Oromo Liberation*** – Nauen, 1712-1729* Aug 27, tuned in to a man announcer speaking in the listed Oromo language followed by male vocal group Horn of Africa vocals. More discussion followed with music from 1722 until the carrier was terminated. Fair signal with periodic deep fades. Best reception of this outlet in a long time for me. (D'Angelo-PA)
- 15490 GERMANY *Adventist World Radio*** (via Nauen) 1645. Long monologue with M in (listed) Tigrinya (spoken in Eritrea), some vocal music, then off at 1659. – Poor to Fair 8/8 (Barton-AZ)
- 15510 UNITED KINGDOM *IBRA Media/R Sama*** (Wooferton) 1830, dialogue, W and M in Arabic, references heard to "Afghanistan" – Fair 8/9 (Barton-AZ)
- 15565 VATICAN *Vatican Radio*** 1725, in French and to choir music to sudden shutoff at 1727– Fair to Good 8/9 (Barton-AZ)
- 15580 BOTSWANA *Voice of America*** 1922, 8-28-21. Heard female vocalist then male with talk in English. Poor with QRN. (Cichorek-NJ)
- 15590 THAILAND *Radio Thailand World Service*** – Udon Thani, 0013-0029 Sep 1, tuned into the English news with various topics covered including public service announcements and station IDs and a commercial for Subaru, Fair to good signal which was lost at 0029 when apparent antenna change. (D'Angelo-PA)
- 15590 THAILAND ???** 08/21/2021 0000 English. "National News" by male (Benjamin) and female Anns with focus on covid followed by "Global News"; several commercial ads. 4/4/3/4/4 Good Signal, summertime noise. (McDavitt-FL)
- 15600 CHINA *China Radio Int'l*** via Beijing – 8/5 2355 noted with traditional Chinese music, sign-off in Portuguese into Chinese program at 2400. SIO 333. (Bueneman-MO/CCDX)
- 15660 UNITED KINGDOM *Voice of America***, 1836, 8-10-21. Heard woman with talk in listed Amharic followed by two males in discussion. Brief music at 1840 followed by more talk. Poor to fair with QRN. (Cichorek-NJ)
- 15770 UNITED STATES *Supreme Master***, 1921, 8-28-21. Male in English with a sermon preaching against the violence and atrocities in Afghanistan and the true meaning of Islam. Good (Cichorek-NJ)

- 17570 FRANCE *Adventist World Radio*** – Issoudun, 1632-1659* Sep 8, man announcer talking in the listed Somali language with station ID followed by vocals and another man with a religious talk. Fair signal but subject to deep fades. (D'Angelo-PA)
- 17855 SPAIN *Radio Exterior de España*** via Noblejas – 8/5 2315 noted with pop music and commentary in Spanish. SIO 545. (Bueneman-MO/CCDX)
- 21690 RANCE *Radio France Int'l***, Sept 14 at 1532, RFI Swahili JBA into Kuwait SDR, nothing yet on registered 25775 (Glenn Hauser, OK,)




Jerry Berg ♦ 38 Eastern Ave ♦ Lexington MA 02421 ♦ jsberg@rcn.com

<www.ontheshortwaves.com> Update, August 29, 2021 -- Under "DX History-I/Recordings," look for the red "New" next to "Ecuador-III" and the following "new" station recordings [ID locations in parentheses]: (1) HCJB, Quito, 6075 kHz, 1977 [:52]; (2) HD2IOA, Oceanographic Inst. of the Ecuadorean Navy, Guayaquil, 7600, 1977 [:28]; (3) La Voz del Napo, Tena, 3280, 1976 [:04]; (4) La Voz del Triunfo, Santo Domingo de los Colorados, 3253, 1979 [:07]; (5) Ondas del Zamora-Canal Juvenil, Loja, 4850, 1978 [:23, 1:42, 1:53]; (6) R. Carrizal, Calceta, 3260, 1977 [:20, 1:58]; (7) R. Catolica Nacional, Quito, 5055, 1984 [:29, 1:33]; (8) R. Chaskis, Otavalo, 4909.2, 2006 [:10, :25, 1:45]; (9) R. Jesus del Gran Poder, Quito, 5050, 1981 [:14]; and (10) R. La Voz del Upano, Macas, 5040, 1984 [:04, 2:44].

<www.ontheshortwaves.com> Update, September 5, 2021 -- The weekly, newspaper-like BBC *World-Radio* began publication in 1925 to cover foreign broadcasting, mostly mediumwave with only very limited shortwave. *World-Radio* offered various services to their listeners (including a station identification service). One of their listening aids was a booklet called "World-Radio Station Identification Panels," which included station data presented in the same format it used in *World-Radio*. There were at least four editions of this booklet—1930, 1931, 1932 and 1935 (probably more), and in "DX History-II/Lists, Logs, Guides & Columns" we have posted the 1935 edition. The shortwave info is on the last few pages. -- Under "DX History-I/Stations," we have added two more pennants to our HCJB tribute page <http://ontheshortwaves.com/HCJB/HCJB.html> (Tnx to Ed Malphrus for these.) -- Under "Specialized Resources/The DX Recordings of Tetsuya Hirahara," we have posted two recordings of stations in Tacna, Peru. -- And under "Specialized Resources/Wavescan," we have two new editions: "Easter Island: The Almost Lost Air Flight" (Wavescan N652, August 22, 2021), and "What Happened to the Famous KDKA Shortwave Station at Saxonburg?" (Wavescan N653, August 29, 2021).

<www.ontheshortwaves.com> Update, September 12, 2021 -- Do people still make scrapbooks? They did in the twenties and thirties, and this time we have posted such a "radio scrapbook" under "DX History-III/People." In the original it is 7" tall by 11-1/2" wide, with the contents pasted in place, and a plastic pocket on the front holding a couple of miscellaneous items. The name "Ethel Markwell" is neatly penned at the bottom of the first inside page, and a small clipping on the page shows a picture of Miss Ethel Markwell and a note to the effect that it was she who greeted visitors at KMMJ, Clay Center, Nebraska. Did this scrapbook belong to Ethel? One thing is for sure: the owner was a fan of KMMJ, and also KMA and KFNF, both in Shenandoah, Iowa, for the contents are almost entirely news clippings about the stations and their personalities, and photos and postcard views of the stations. It's a nice look back at early radio (and scrapbooking). -- Under "Specialized Resources/The DX Recordings of Tetsuya Hirahara," we have posted six new recordings, from Cusco, Peru. And in "Wavescan," we have a new entry from Adrian Peterson: "The Radio Scene on Easter Island-3" (Wavescan N654, September 5, 2021). *Tnx, Tetsuya and Adrian.*

<www.ontheshortwaves.com> Update, September 19, 2021 -- By the mid-1930s, the number of active shortwave broadcast stations in Colombia was around 25. One of them was HJ1ABB, La Voz de Barranquilla, which was often heard in various multi-station on-air events. Another regular participant in these broadcasts was W2XAF, the General Electric shortwave station in Schenectady, New York. Read more in "Relays and Roundtables: HJ1ABB, W2XAF et al.," in "DX History-I/Stations/Colombia" (look for the red "New"). -- This time, under "Specialized Resources/The DX Recordings of Colin Miller," we have a new recording of the clandestine, Voice of the Thai People. -- In "The DX Recordings of Tetsuya Hirahara," we have five new recordings from stations in Lima, Peru. -- And in "Wavescan," we have "Ancient DX Report: 1925" (Wavescan N655, September 12, 2021). *Thanks, Colin, Tetsuya and Adrian.*

NASWA Electronic Flashsheet: Are you getting the latest hot information about what is happening on the shortwave bands? If you have not signed up for the club's electronic Flashsheet service, you are missing out on timely news and information about the DX scene that will enhance your shortwave listening pleasure. If you are a current member of the club and want to receive the electronic Flashsheet, just drop Rich Cuff (hq@naswa.net) a note with your e-mail address, location and membership expiration date from your mailing label. You can participate by sending your latest logs to the electronic Flashsheet edited by Mark Taylor, markokpik@gmail.com. The club's electronic Flashsheet helps members stay on top of the action with breaking shortwave news and information. The electronic newsletter is an excellent supplement to the monthly Journal for the timely dissemination of DX loggings and breaking news. 

Index

Key: the number in parentheses is the month number of the issue in this year.

- Antenna
 - longwire
 - (10), 40
 - vertical
 - (10), 40
 - Wellbrook
 - (10), 19, 40
- Book
 - WRTH
 - (10), 5, 24
- Broadcaster
 - BBC
 - (10), 13, 14, 15, 18, 23, 30, 31, 32, 43, 44, 45, 47, 48, 50
 - RFA
 - (10), 4
 - VOA
 - (10), 19
- Column
 - Loggings
 - (10), 40, 55
 - Musings
 - (10), 5, 6, 55
- Country
 - ALASKA
 - (10), 46
 - ARMENIA (Armenian S.S.R.)
 - (10), 23, 45
 - AUSTRALIA
 - (10), 22, 47
 - AUSTRIA
 - (10), 23, 43
 - BANGLADESH (East Pakistan)(India)
 - (10), 23
 - BOLIVIA
 - (10), 23
 - BOTSWANA (Bechuanaland)
 - (10), 46, 49
 - BRAZIL
 - (10), 23, 41, 42, 47
 - BULGARIA
 - (10), 42
 - CANADA
 - (10), 24, 41, 43
 - CHILE
 - (10), 24
 - CHINA, PEOPLE'S REP.
 - (10), 24, 42, 43, 44, 45, 46, 47, 49
 - COLOMBIA
 - (10), 42
 - CONGO
 - (10), 26
 - CUBA
 - (10), 26, 41, 42, 43, 48, 49
 - DENMARK
 - (10), 26
 - ECUADOR
 - (10), 26
 - EGYPT
 - (10), 26
 - ETHIOPIA
 - (10), 27
 - FRANCE
 - (10), 27, 42, 43, 45, 50
 - GERMANY, FED. REP.
 - (10), 27, 46, 49
 - GUAM
 - (10), 28, 44, 47
 - HAWAII
 - (10), 49
 - INDIA
 - (10), 28
 - IRAN
 - (10), 45
 - IRELAND (Eire)
 - (10), 48
 - JAPAN
 - (10), 41, 48
 - KOREA, DEM. PEOPLE'S REP.
 - (10), 41, 46, 48
 - KOREA, REP.
 - (10), 28, 29
 - KUWAIT
 - (10), 29
 - LIBERIA
 - (10), 29
 - MADAGASCAR

(10), 29, 48
MALAYSIA (Malaya)
(10), 29
MALI (French West Africa)
(10), 29, 43
MEXICO
(10), 29, 43
MOLDOVA (Moldavian S.S.R.)
(10), 30
MONGOLIA
(10), 30
MYANMAR (Burma)
(10), 30
NETHERLANDS
(10), 30
NEW ZEALAND
(10), 30, 42, 49
NIGERIA
(10), 47
PERU
(10), 31, 41
PHILIPPINES
(10), 31, 44, 45, 46, 48
ROMANIA
(10), 44, 48, 49
SAO TOME
(10), 45, 47
SAUDI ARABIA
(10), 31, 49
SINGAPORE
(10), 31, 44
SOLOMON ISLANDS
(10), 31
SOMALIA, FED. REP. OF - BRITISH (British
Somaliland)
(10), 32
SPAIN
(10), 31, 50
SRI LANKA (Ceylon)
(10), 32, 47
TAIWAN (China)
(10), 45, 46
TAJKISTAN (Tadzhik S.S.R.)
(10), 32
TANZANIA - ZANZIBAR
(10), 33
THAILAND
(10), 32, 44, 45, 46, 48, 49
TURKEY
(10), 46
UNITED ARAB EMIRATES
(10), 32
UNITED KINGDOM
(10), 32, 45, 47, 48, 49

UNITED STATES OF AMERICA
(10), 32, 41, 42, 43, 44, 45, 46, 47, 48, 49
UZBEKISTAN (Uzbek S.S.R.)
(10), 33
VANUATU (New Hebrides)
(10), 33
VATICAN CITY
(10), 33, 45, 47, 49
VENEZUELA
(10), 33
ZAMBIA (Northern Rhodesia)
(10), 33

Event
DXpedition
(10), 6

Language
Arabic
(10), 14, 24, 29, 42, 43, 48, 49
Chinese
(10), 24, 31, 33, 42, 46, 47, 49
English
(10), 12, 16, 21, 23, 24, 26, 27, 28, 29, 30, 31, 32,
33, 41, 42, 43, 44, 45, 46, 47, 48, 49
French
(10), 24, 26, 29, 31, 32, 41, 43, 46, 47, 49
German
(10), 20, 21, 24, 26, 27, 46
Hausa
(10), 23, 25, 45, 47
Hindi
(10), 12, 24, 28, 31, 47
Italian
(10), 22, 24, 26
Japanese
(10), 10, 20, 21, 22, 24, 28, 31, 33, 41, 43, 45, 46,
48
Korean
(10), 24, 26, 28, 29, 33, 42, 43, 44, 45, 48
Portuguese
(10), 23, 24, 41, 42, 43, 47, 49
Russian
(10), 19, 24, 27, 31, 46
Spanish
(10), 24, 26, 31, 32, 41, 42, 43, 45, 46, 47, 48, 50
Swahili
(10), 24, 28, 33, 50
Turkish
(10), 24, 26, 43
Urdu
(10), 12, 24, 31

Mode
AM
(10), 5, 20, 29, 30, 34, 35, 37, 38
DRM

(10), 10, 28, 30
FM
(10), 5, 9, 10, 11, 13, 29, 31, 34, 35
LSB
(10), 6, 46
SSB
(10), 7
USB
(10), 34, 35, 36, 37, 44, 48
Organization
HFCC
(10), 27
NASWA
(10), 7, 42, 55
Publication
Flashsheet
(10), 55
Receiver
Drake

(10), 21, 40, 43
Hammarlund
(10), 21
Perseus
(10), 40
SDR
(10), 6, 8, 19, 22, 33, 40, 46, 50
WinRadio
(10), 19
Station
WWV
(10), 41, 49
WWVH
(10), 49
Station type
Clandestine
(10), 45
Pirate
(10), 34, 37, 55

Executive Director: Richard A. D'Angelo, 2216 Burkey Dr., Wyomissing, PA 19610-1553

Publisher / Business Manager: Richard Cuff, P. O. Box 3292, Allentown, PA 18106-0292

Executive Council: Jerry Berg, Ralph Brandi, Richard Cuff, Rich D'Angelo, John Figliozi

EDITORIAL STAFF

NASWA Notes: Richard A. D'Angelo, 2216 Burkey Dr., Wyomissing, PA 19610-1553

Musings: Jerry Lineback, 4422 Sierra del Sol, Paradise, CA 95969-8116

Listening Review: Alan Roe, 33 Atbara Rd., Teddington, TW11 9PA United Kingdom

Shortwave Center: John Figliozi, 45 Algonquin Rd., Clifton Park, NY 12065-7703

Adrian Peterson's Diary: Dr. Adrian M. Peterson, Box 29235, Indianapolis, IN 46229-0235

NASWA Awards: Gary R. Neal, P.O. Box 1, Cockeyville, MD 21030-0001

Listener's Notebook: Richard A. D'Angelo, 2216 Burkey Dr., Wyomissing, PA 19610-1553

Pirate Radio Report: Brian Penney, 30 Acorn Way, Brewster, MA 02631-2659

QSL Report: Sam Barto, 78 Blakeman Rd., Thomaston, CT 06787-1301

The Robinson Report: Dan Robinson, %PO Box 3292, Allentown, PA 18106-0292

Scoreboard: Gary R. Neal, P.O. Box 1, Cockeyville, MD 21030-0001

International Broadcasting: Dr. Kim Andrew Elliott, 5001 25th Street North, Arlington, VA 22207-2622

Loggings: Dave Turnick, 372 Spohn Rd., Sinking Spring, PA 19608-1737

NASWA Flashsheet: Mark Taylor, 1114 Ellen Ave., Madison, WI 53716-1535

Desktop Publishing/Graphics: Richard Murphy, 1342 Oak Path, San Antonio, TX 78258-1935

Cover Art/Design & club archives: John Herkimer, 1090 Cunningham Dr., Victor, NY 14564-9512

JOURNAL ISSN: 0160-1989

MEMBERSHIP FEES:

United States (First Class Mail)	\$32.00
Canada (First Class Mail)	\$39.00
Overseas (U. S. Air Mail)	\$54.00
e-Journal	\$15.00

All remittances must be in U.S. funds and may be mailed to:

NASWA

P. O. Box 3292

Allentown, PA 18106-0292

U.S.A.

Paypal is also accepted. Contact hq@naswa.net.