

The **NASA** Journal

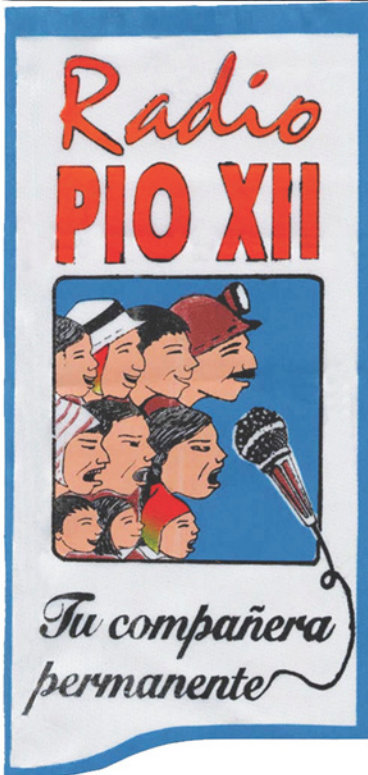
VOLUME LXIII NUMBER 5

MAY 2023



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Please see inside back cover



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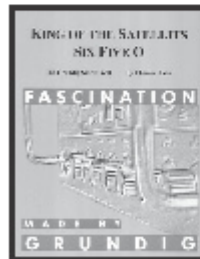


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In This Issue

NASA Notes	4
Musings.....	6
Listening Review	6
International Broadcasting.....	12
Shortwave Center.....	15
The Robinson Report.....	26
Listener's Notebook.....	29
Pirate Radio Report.....	43
Contributors' Page.....	47
Loggings.....	48
Index.....	56

NASA Notes

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Mark Taylor informs us that he will be hosting the 2023 Madison-Milwaukee Get-together for DXers and Radio Enthusiasts this year on Saturday August 19, 2023 from 1:00 PM - 9:30 PM (come when you can and leave when you must). This will be the 29th Madison - Milwaukee DX Get-together. We would be very pleased if you could join us. The Madison-Milwaukee DX Get-together has been held on the third Saturday in August every year (except the 2020 pandemic year) since 1994. The purpose from the beginning has been to promote camaraderie among all DXers and radio hobbyists-- "making new friends and renewing old friendships." This is an all-band event, which brings together a diverse group of hobbyists who have one thing in common-- a love of radio. Each year the get-together alternates venues between Madison and Milwaukee. This year we are in Madison at the William G Lunney Lake Farm Park (4330 Libby Rd. Madison, WI 53711) in Shelter #2. As usual, you can expect an afternoon of good fellowship and lots of DX talk in an informal atmosphere. If you like, bring along radios, antennas, station souvenirs, QSLs, photos, log books or any show-and-tell items to share with the group. There are opportunities to DX during the event, and a few informal demonstrations are anticipated. An assortment of snacks and soft drinks will be provided during the event. If you prefer an alternative beverage, please bring your own. Our group photos will take place in the late afternoon, so bring along your camera. A highlight of every Madison-

Milwaukee get-together has always been the dinner - participation optional. As of now we have not decided on a location, so keep tuned for details. Dinner is followed by a night session of DX and camaraderie. The park closes at 9:30 PM. Mark would appreciate an RSVP to markokpik@gmail.com or you may call or text him at 608-225-2690. If you have a presentation, display, or would like to offer assistance in running the event, please contact Mark at his email or phone number above.

This month's John Herkimer's cover design features two active and well-known shortwave stations in Bolivia. The first is Radio Pio XII operating on 5952.5 kHz from Siglo XX, and the second is Radio Mosoj Chaski which is operating on 3310 kHz from Cochabamba. A third Bolivian station, Radio Santa Cruz, Santa Cruz de la Sierra, formerly operating on 6134.8 kHz, is not shown since it has not been reported in several years. Anker Petersen's latest Domestic Broadcasting Survey (see below) shows the last log for Radio Santa Cruz was back in July 2021.

The World Radio Television Handbook ("WRTH") editorial team have now provided the Summer 2023 "A" schedules in a PDF file. This file is a supplement to the 2023 edition of 2023 WRTH. It summarizes the changes to the international schedules printed in the handbook resulting from the

Unity and Friendship

implementation of the 2023 "A" season schedules. Contact details and other information about the stations shown in this file can be found in the International Radio section of WRTH 2023. The PDF file will be updated from time to time and can be downloaded from https://wrth.info/wp-content/uploads/2023/04/WRTH23_INT_Summer.pdf. Many of the updated schedules were used in this month's Listeners Notebook.

From Anker Petersen in Denmark, we learn that the new 25th edition of the Domestic Broadcasting Survey ("DBS") can now be downloaded free of charge from www.dswci.org/dbs/. It includes the 51st annual edition of the Tropical Bands Survey. These two useful DX reference tools are essential for tropical band and domestic station listening situations. The DBS consists of three parts. Part 1 - The Tropical Bands Survey covering all ACTIVE broadcasting stations on 2300 - 5700 kHz, including clandestines. Part 2 - Domestic stations on international shortwave bands above 5700 kHz broadcasting to a domestic audience. Part 3 Deleted frequencies between 2 and 30 MHz which have not been reported heard during the past five years but may reappear. The 14-page DBS is highly recommended for all active DX'ers! This year's cover features the Ecuadorian Grupo Runa Crusay performing in San José, Costa Rica. Remember, Anker offers these for free which is a great benefit for the shortwave listening community. Thanks Anker!

Apparently, Wellbrook Communications in the United Kingdom is closing. Wellbrook antennas, makers of great HF loop antennas has announced they are closing at the end of April. These antennas are well built and highly regarded and may still be available if you hurry. Their website says "Wellbrook Communications will cease trading at the end of April 2023. This is due to retirement.

I would like to thank everyone for their custom over the past 27 years." However, speculation amongst European DX'ers is that Brexit has made exports into the European Union very expensive. Supporting this speculation is the following information from their website: "Sales to EU Countries and Northern Ireland Suspended due to new distance selling rules."


The Dayton Hamvention 2023 is scheduled for May 19 - 21 is amateur radio's largest annual convention, is held at the Greene County Fairgrounds and Expo Center in Xenia, Ohio. Tickets are now available online and by mail order. They can be purchased at <https://hamvention.org/purchase-tickets>. With nearly 700 volunteers, this year's Hamvention is expected to have more than 500 indoor exhibits and more than 2,500 outdoor exhibits. The event showcases the latest in amateur radio equipment, technology, and computer software and hardware, along with hard-to-find radio and computer accessories and equipment. For the latest information about the Dayton Hamvention 2023 visit their website.

The New Zealand Radio DX League has had to cancel its Convention 2023. The convention was planned for April 2023 in South Otago, New Zealand but was canceled due to insufficient advanced registrations. However, the Celebration 2023 on Wednesday 18 October, 2023 at a Wellington Central location is still being planned. The main event will be a lunch to celebrate the NZ Radio DX League 75th anniversary. On Tuesday evening 17 October 2023 there will be a Meet and Greet social gathering in the central city venue for visitors from out of town. On Wednesday 18 October 2023 following the formal Celebration Lunch, an afternoon visit to RNZ facilities at Titahi Bay to view one of the 2 original 7.5 kw transmitters that inaugurated Radio New Zealand's Shortwave Service 75 years ago and

the RNZ Record Library will be toured! If you haven't already registered your interest in Celebration 2023, please email hello@radiodx.com this month, as they need an indication of likely numbers to determine suitable venues and costings.

As usual, John Figliozzi's Shortwave Center provides a bunch of great reading this month. First up is "Propagation for Dummies" by Andrew Tett followed by Shortwave Receiver Retro with Bill Marsh writing about "Receivers from Days Gone By - Drake SPR4". In Shortwave DXing Bryan Clark writes about "DX Detectives at Work!"

which is the story about uncovering Radio Integridad from Peru on 4820 kHz. In Shortwave Receiver Review Jenny List writes about "XHDATA D-219 Short Wave Radio Receiver". Finally, in Shortwave Opinion "When AM Radio Finally Disappears, We'll Lose Something" by John Cairns who notes that news that electric car manufacturers are turning away from AM radio is a jolt to AM fans.

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

Musings

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We have no musings this month. Send your musings to Jerry at the e-mail listed above.

Listening Review

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Welcome to Listening Review for May 2023.

Thanks to Dick King (for BDXC) and Bill Matthews (for NASWA) for their emails who both responded to my query "Is there anyone out there?" which I added as almost a footnote to the March column. Dick notes in part "as a dedicated broadcast band listener for the last 55 years, I am interested in what the actual program that is being broadcast and enjoy very much your comments and observations. It was program content that took my imagination 50 years ago - where else at that time could you listen to South American rhythms via say Radio Caracol,

highlife music from Gabon or domestic news from Australia?" Thankyou Dick. I could also mention the wonderful music from Radio Bras, Brasilia, and so many others. However, whilst we have lost so many shortwave stations, there is still a lot of interesting content to be heard, not the least than from shortwave content providers that were not around then, such as WRMI, USA; Radio Angela via WBCQ, USA; Channel 292, Germany; and Shortwave Service, Germany.

Radio Romania international (English Service)

It has been some time since I last reviewed in depth the programs from the English service **Radio Romania International**, so here is look at their current output, starting with their daily schedule.

The daily one-hour program schedule starts at 1700UT each day and is repeated at 2200, and then the following day at 0000 and 0300. The edition heard at 1100UT is something of a hybrid: generally, it comprises the new program segments being heard from 1700UT, but may include some program segments from the previous day. On occasion, whilst the program segment name heard at 1100 is the same as that heard at 1700, the contents may be the previous week's edition. In addition, there is a half-hour program heard at 2030UT which mostly comprises the segments from the first half-hour of the one-hour program, although there are exceptions some days. The 2030 program is repeated the following day at 0530.

Randomly, one or more segments (usually in the first half-hour of a one-hour program, and in the half-hour program) may be replaced by a **Special Report** of a topical current event story, or even an old episode of a discontinued series such as **The Cooking Show**.

So, here is their current program schedule, as far as I can determine.

Sun 1100, 1700, 2200; Mon 0000, 0300

01: News
07: Sunday Show
28: Romanian Without Tears
31: Music Time *or* All That Jazz
42: In the Spotlight
52: Simply Folk

Mon 1100, 1700, 2200; Tue 0000, 0300

01: News, Reports & Commentary
14: Hit of the Day

17: The History Show
24: Think Greener
28: Sport
31: 1100 only: All That Jazz
Other times: Your Music
42: DX Mailbag or Listener's Letterbox
52: Simply Folk

Tue 1100, 1700, 2200; Wed 0000, 0300

01: News, Reports & Commentary
14: Hit of the Day
17: Inside Romania
24: Cultural Event
28: Sport
31: 1100 only: Your Music
Other times: Truly Romanian
42: New Names on the Cover or People & Places
52: Simply Folk

Wed 1100, 1700, 2200; Thu 0000, 0300

01: News, Reports & Commentary
14: Hit of the Day
17: Society Today
24: Visit Romania
28: Sport
31: Music of Romania
42: Happening in Romania
52: Simply Folk

Thu 1100, 1700, 2200; Fri 0000, 0300

01: News, Reports & Commentary
14: Hit of the Day
17: Traveller's Guide
24: Generation 3.0
28: Sport
31: 1100 only: Music of Romania
Other times: Music Highlights
42: In the Spotlight
52: Simply Folk

Fri 1100, 1700, 2200; Sat 0000, 0300

01: News, Reports & Commentary
14: Hit of the Day
17: Future Starts Today or Green Planet
24: Report of the Day
27: Sports Weekend

31: 1100 only: Music Highlights
 Other times: Truly Romanian
 42: Artscape or Through The Looking Glass
 52: Simply Folk

Sat 1100, 1700, 2200; Sun 0000, 0300

01: News
 07: The Week in Review
 14: Hit of the Day
 18: World of Culture
 24: RRI Encyclopaedia
 31: 1100 only: Truly Romanian
 Other times: All That Jazz
 42: DX Mailbag or Listener's Letterbox
 52: Simply Folk

Sun 2030; Mon 0530

31: News
 37: Romanian Without Tears
 40: Hit of the Day
 44: RRI Encyclopaedia
 52: Visit Romania

Mon 2030; Tue 0530

31: News, Reports & Commentary
 44: The History Show
 52: Think Greener

Tue 2030; Wed 0530

31: News, Reports & Commentary
 44: Inside Romania
 51: Cultural Event

Wed 2030; Thu 0530

31: News, Reports & Commentary
 44: Society Today
 51: Visit Romania

Thu 2030; Fri 0530

31: News, Reports & Commentary
 44: Traveller's Guide
 50: Generation 3.0

Fri 2030; Sat 0530

31: News, Reports & Commentary
 44: Future Starts Today or Green Planet
 50: Report of the Day

Sat 2030; Sun 0530

31: News
 37: The Week in Review
 44: World of Culture
 51: Visit Romania

(Below some of the many QSLs issued by Radio Romania International)



Next month I hope to look a little more in-depth at some of Radio Romania International's programs.

Radio Romania International (Romanian Service).

For me, the highlights of the week on the Romanian Service of **Radio Romania International** are **Radio Concert Season** (classical music recorded live from the "Mihail Jora" Studio at RRI) on Sundays at 0100UT and **Zi-le D-Alead-Ale Noastre**

(Romanian traditional and folk music) on Mondays at 0000UT (repeated from 1800UT on Sunday), both heard here with strong reception on 9730kHz. The edition of **Zi-le D-Alead-Ale Noastre** on 17 April seemed to be a little different from usual, starting off with tunes that sounded more Christian (probably to mark the Orthodox Easter in Romania) and later (at around 0024UT) a song that seemed to have Country & Western influences! The program continued with references to “memoria”, so most likely reviewing the music of some folk artists who have died (either recently or this month in past years). It’s a great program, and I highly recommend. The 1800UT broadcast is usually streamed live on the *Zi-le D-Alead-Ale Noastre* Facebook page at <https://www.facebook.com/groups/1463189960604105>,



and you can watch the host, Catalin Maximiuc (*pictured*), in the studio tapping along to the music with his pen!

China Regional Services.

Further to last month’s comments about CGTN Radio, the various regional language services of China National Radio very often provide a lot of local music and often make for great listening – even if you don’t know the language. For example, try **PBS Xinjiang** in Kazakh at 0000UT. On 26 March and again on 16 April (and other dates between), I have heard varied selections of ballads and pop songs in either Chinese or

Kazakh (probably both, with the Kazakh songs being quite distinctive). Reception varies, but 4850 and 6015 both provide fair reception.

Texas Radio Shortwave.

Here is a quick update on Texas Radio Shortwave programming for May, with thanks as always to Terry Colgan. **Note** (updating the provisional schedule in last month’s column), TRSW will provide a relay of **Radio Northern Star** from Norway on 14 May, for which there will be a special eQSL available. There will also be a special eQSL for the **Cinco de Mayo** broadcast, and a third eQSL design covering the other transmissions.

- **Sundays at 0000UT on 5950 kHz**

7 May: Cinco de Mayo (encore);

14 May: R Northern Star (Norway)

relay;

21 May: Don Henley;

28 May: *Reverend Horton Heat*

- **Sundays at 0100 on 5950 and at 1200UT on 15770 kHz**

7 May: Sunny Sweeney;

14 May: 2023 Conroe Crossroads
Music Festival Week 1;

21 May: 2023 Conroe Crossroads
Music Festival Week 2;

28 May: *Austin City Limits TV #2*

China Radio International

CRI in Yue/Cantonese at 0400UT. Earlier in the year, Glenn Hauser noted in the WOR iog mail list on 23 February at 0445 on 5910 via Cuba “Western familiar classical piano and orchestral music, break for announcement in Cantonese; until 0455 sign-off announcement.” The following day Ricky Leong reported, also in the WOR iog mail list,

"I was able to hear the same broadcast, starting around the same time. The announcement in Cantonese was some narrative describing the artistry of Ludwig van Beethoven, whose music was being played." The A23 frequencies for this broadcast are 9790 (via Cuba), 15160 and 15230 kHz. The Yue/Cantonese broadcasts are also heard from 1700-1800 on 9770 and 9800, and from 1900-2000 on 9575 and 11895. I have often noted varied musical selections in these broadcasts.

By the way – apologies for a minor error in last month's column for **CGTN's Music Talks**. The correct schedule is weekly on Sundays at 0530 & 1730, and Saturdays at 1030, 1330 & 2330.

Radio Havana Cuba, was being heard with fair reception throughout the early morning hours 0000-0600 UTC on 6000kHz on 16 April with their two-hour program at 0000UTC repeated at 0200 and 0400. In particular, I enjoyed **The Jazz Place**, hosted by Jorge Miyares, at 0230. I think that this was a repeat edition as it referred to the death of a musician "on April 18th" as if this was a recent occurrence. Unfortunately, I couldn't make out the musician's name: whilst the music was clearly heard, the narration between was a bit echo-y resulting in difficulty understanding fully what was said. Anyway, a pleasant half-hour's listening. By the way, I have found that over the last few months a number of recent editions of **The Jazz Place** are being uploaded by Jorge Miyares to his YouTube account at <https://www.youtube.com/@miyaresjorge/videos> - it's not clear if these represent each weekly edition, or are random archive editions, but either way a good opportunity to hear the program with good audio quality.

Radio Six International. Just space to mention a special 24-hour broadcast of Radio Six International to celebrate the station's



60th anniversary from 0000-2400 UTC on 6 June 2023 on 9670kHz via Channel 292, Rohrbach, Germany.

The broadcast will comprise a day of original programs from all the current station presenters: Iain McNay, Al Galpin, Ewan Spence, David Belcher, Kenny Tosh, Duncan Newmarch, Andre Leon, Tony Currie, Emma Scott, Todd Gordon, Eric White, John Cavanagh, Thea Newcomb and Emperor Rosko. A two-hour live special program "Sixty Swinging Years" hosted by Tony Currie will be aired from 1900-2100 UTC (and also heard on 1323kHz from the Nexus-IBA transmitter in Milan, Italy). A special QSL card will be issued for the occasion and reception reports are encouraged. They can be sent during the broadcast (with probable mentions on air) to: letters@radiosix.com.

Meanwhile, the station continues to broadcast on the first Sunday of the month on 9670kHz from 1100-1200UTC via Rohrbach, as well as 24/7 on the internet at <http://www.radiosix.com>.

Shortwave Radio, Winsen, Germany.

Shortwave Radio kindly sent me their latest program schedule, which is detailed below (although it is subject to change, and note that all times are in UT). Just ahead of my print deadline, Shortwave Radio added an extra hour of broadcasts to their daily schedule (adding 2200-2300UT). So, the latest frequency schedule is 0700-1500UT

Saturdays and Sundays on 6160, 1500-1700 daily on 6160 and 1700-2300 daily on 3975 kHz, (with 6160 kHz also sometimes used in parallel with 3975 kHz from 1700). The following program schedule may therefore have changed just a little to add in the extra hour, but it's likely to be fairly similar to this.

Breakfast Show (see note *):

Daily: 0700-0800

Stafford's World (Mark Stafford):

Sat: 0800-1100 and 1600-1900

Prog Mill (Shaun Geraghty):

Mon: 1400-1600 and 1900-2100

Andy Walker Show:

Sun: 1000-1200 and 1700-1900;

Mon: 1600-1800

Tue: 1400-1600 and 1600-1800;

Wed: 1600-1800 and 2000-2200

Thu: 2000-2200

Fri: 1400-1600 and 1600-1800

Sat: 1200-1400 and 1900-2100

Andy Peters (Guess keyword):

Sun: 1200-1400

Mon: 2100-2200;

Tue: 2000-2100;

Thu: 1500-1600 and 1700-1800

Fri: 1800-1900

Sat: 1400-1500

Chris Ise Show:

Sun: 1400-1600 and 1900-2100

Wed: 1400-1600 and 1900-2000

Thu: 1600-1700 and 1900-2000

CQ Serenade (see note **):

Sun: 0900-1000, 1600-1700 & 2100-2200

Mon: 1800-1900

Tue: 2100-2200

Wed: 1800-1900

Thu: 1800-1900


Fri: 1900-2000

Sat: 1100-1200 and 2100-2200

Note * Breakfast Show with Andy Walker, Chris Ise (live) or Pirate Andy

Note ** CQ-Serenade, carrying the Amateur Radio News Line (USA), Radio Netherlands "Media Network" or Olaf Mertens' AGDX-News.

Until next month – 73's – Alan

NASWA Facebook Page: Join moderator Richard Murphy < rm271828@gmail.com > at the club's Facebook page which provides members with another way to keep in touch. This group is intended for social interaction between the club members and will not be used to publish loggings, articles, or other materials that would normally appear in The Journal, the NASWA E-group at Groups.io, or the Flashsheet. While the existence of the group is visible to all Facebook users, the online postings are available only to group members and group members must be NASWA members. Comments and suggestions from the membership are welcome. To locate the NASWA Facebook page, log into your Facebook account and then enter "North American Shortwave Association" into the Facebook search box at the top of the page. If you are into social media, give it a try. 

International Broadcasting

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Twitter and “government-funded” broadcasting

You probably have been reading about Twitter’s Musk-inflicted woes. One chapter of that story is the controversy involving Twitter’s (Elon Musk’s) decision to affix labels to various media organizations. The recent Twitter kerfuffle started April 2 when Twitter, now owned by Elon Musk, decided to plant a “state-affiliated media” label to NPR. This was a snarky, over-the-top move by Twitter (Musk), presumably in sympathy with conservatives’ complaints that NPR has a liberal bias and thus is doing the bidding of the Biden Administration and other Democrats.

(Previously, starting in 2020, Russia’s RT and China’s CGTN had labels informing Twitter users that those accounts were affiliated with their respective governments. Presumably this was a warning that these self-described news organizations could very well be engaging in propaganda.)

Later in April, the label for NPR was changed to “government-funded media.” This did not mollify NPR, which claimed that only one percent of its funding comes directly from the US government (through the Corporation for Public Broadcasting), and about ten percent indirectly by way of program sales to public radio stations that receive some of their funding from CPB and local governments. Furthermore, “government-funded” could be construed as government-controlled, unless the Twitter user investigates NPR’s actual funding and

structure. NPR, frustrated, decided to quit posting content to Twitter. (t.ly/Af-w) Many NPR-affiliated radio stations, and PBS, followed suit.

BBC: Government-funded, then publicly-funded

BBC entered the fray April 10, or thereabouts, when Twitter gave it the “government-funded media” label. BBC strongly protested, insisting that it “is funded by the British public through the licence fee.” (t.ly/Gjxzd) But the licence (license) fee is mandatory to own a television set in the UK. This, arguably, is government funding. Furthermore, BBC World Service is funded about three-fourths by the licence (license) fee and one-fourth by a Foreign Office grant.

BBC and other “public service” broadcasters around the world are funded by license fees or taxes or both, plus advertising for some of them. The important distinction is whether they are journalistically and creatively independent of the governments that provide or mandate the funding. (One such public service broadcaster is Canada’s CBC, which also “paused” its Twitter account in protest of the “government-funded” label. t.ly/W1_b)

Eventually, Twitter “upgraded” BBC to “publicly-funded media.” BBC was probably happy about this, but “publicly-funded”

implies voluntary donations from the public. For the reasons explained above, the BBC's funding is not from voluntary donations. Ironically, the "publicly-funded" label more appropriately applies to NPR and PBS, which actually receive most of their income from audience donations and underwriting from corporations and foundations. Nevertheless, NPR and PBS remained "government-funded" until Twitter gave up on labels later in April. (By the way, government-funded Radio France International also received the "publicly-funded" label.)

VOA: "Of course we're government-funded, but ..."

During the April tumult, Voice of America was pulled in to the maelstrom when Twitter labeled VOA as "government funded media." Amanda Bennett, CEO of the US Agency for Global Media, VOA's parent agency, addressed this matter, answering a question at – maybe not the best choice of venue for optics – a US State Department briefing in Brussels: "as to Twitter, we completely reject the implications of the label 'government-funded.' Of course, we're government-funded, but it's potentially misleading, and it ... can be construed as government-controlled. And so like NPR, we reject that. And we're not government-controlled; we are independent We've been independent by practice, as I'm sure you've seen many examples of, and by statute. And so to label us as government-funded we think is very, very misleading. And we continue to emphasize this distinction in our discussions with Twitter, because we think the labeling causes really unjustified concerns about the objectivity of our coverage." (t.ly/q5-v)

Bennett's response gets to the crux of the matter: There is government-funded, and there is government-funded. She was arguing that VOA is government-funded but not "government-controlled." She added:

"We've been independent by practice, as I'm sure you've seen many examples of, and by statute." So here Bennett is saying: read, listen to, view VOA news content, and decide if you deem VOA to be independent. And, in this fashion, audiences around the world, through months and years of consuming content, determine which international media outlets are independent, or not, in their news coverage.

The Twitter labeling controversy seemingly disappeared by the third week of April, when it suddenly quit applying labels to media outlets. VOA's news story about this development offered a possible explanation: "Katie Harbath, chief executive at the tech policy firm Anchor Change and a former director of public policy at Facebook, told VOA it seemed that 'Elon doesn't want to do the hard work to figure out the nuances of these types of situations.' ... It 'seems like he wants an easy solution that doesn't exist.'" (t.ly/Nb78)

Part of that hard work has to do with the fact that there are so many Twitter accounts belonging to media organizations. NPR alone has 52. Many international broadcasting stations have separate Twitter feeds for each language service. And, just in English, @DeutscheWelle also has @dwnews, @dw_freedom, @dw_scitech, @dw_innovation, among others.

Now Twitter users, like shortwave listeners, must decide for themselves

It seems that Twitter passed the buck by dropping the media labels. The conundrum, however, remains. Media labels were also dropped for the likes of Russia's RT, China's CGTN, and Qatar's Al Jazeera – no "state affiliated," no "government funded," no nothing. Now all the international broadcasters with Twitter accounts are on equal footing, all the way from

@bbcworldservice to Iran's insalubrious @PressTV. Twitter users will have to read enough tweets to decide who presents credible news, and who spews propaganda.


Shortwave broadcasting was like this: There were no labels on that medium, either. The listener would start with the reputation of the country, then listen for a few hours to decide if the broadcaster had any merit. (And often it seemed that the shortwave broadcasts of disreputable nations would be accompanied by transmitter hum – a label of sorts.)

During the April labeling controversy, I frequently visited the @ShareAmerica Twitter account. This belongs to Share America (share.america.gov), the news-like public diplomacy service of the State Department's Bureau of Global Affairs, with content available in eleven languages. Twitter never gave @ShareAmerica a label, which is not surprising, as this element of US public diplomacy is not well known. In fact, if you don't know what it's called, it is very difficult to find Share America by spelunking through the State Department website.

Anyway, Twitter could have appropriately labeled @ShareAmerica as "state-affiliated media." And this would not have been an insult to Share America, which describes itself as "a platform for sharing compelling stories and images about American society, culture, and life, and about the principles that underlie our nation's foreign policy and engagement with the world." Its parent Bureau of Global Affairs includes in its mission "engaging foreign publics to enhance their understanding of and support for the values and policies of the United States." (bit.ly/41AVs6Y)

These are the *complementary* outputs of US government international communication: Share America, which is unabashedly state-affiliated, and the USAGM entities, which are government funded but, for the most part, try to maintain and to proclaim their journalistic independence.

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

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. 

Shortwave Center

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

Lots to get to this month, so I'll keep this intro short. Much of what you see in SWC comes from suggestions and forwards of articles and links from NASWA members. I may regret saying this, but if you see something that others might appreciate seeing in SWC, drop me a line. A friendly reminder though: I'm still the editor and get to screen everything that comes in and decide what belongs. So, no tears. OK?

SHORTWAVE SCIENCE

Propagation for Dummies

by Andrew Tett - andrew@bdxc.org.uk
(British DX Club – “Communication”)

For the shortwave listener and DXer interested in the higher frequencies the high number of sunspots currently appearing on the Sun is good news. From reading various sources on the Internet it appears that the maximum useable frequency is generally better in the winter rather than in the summer. A recent RSGB Propagation News Bulletin said:

“Maximum usable frequencies continue to be high, but we are starting to see the effects of the Summer ionospheric changes that will see daytime MUFs decline. The MUF over a 3,000km path often doesn't exceed 28MHz now until later in the morning. This is due to a seasonal change in the ionospheric chemistry ... So, make the most of 10m as by midsummer we may lose long-range propagation on 28MHz, other than through Sporadic-E events.” [RSGB Propagation News, 12 March 2023]

“MUF” means Maximum Useable Frequency and is the highest frequency that radio waves can be propagated by bouncing off the

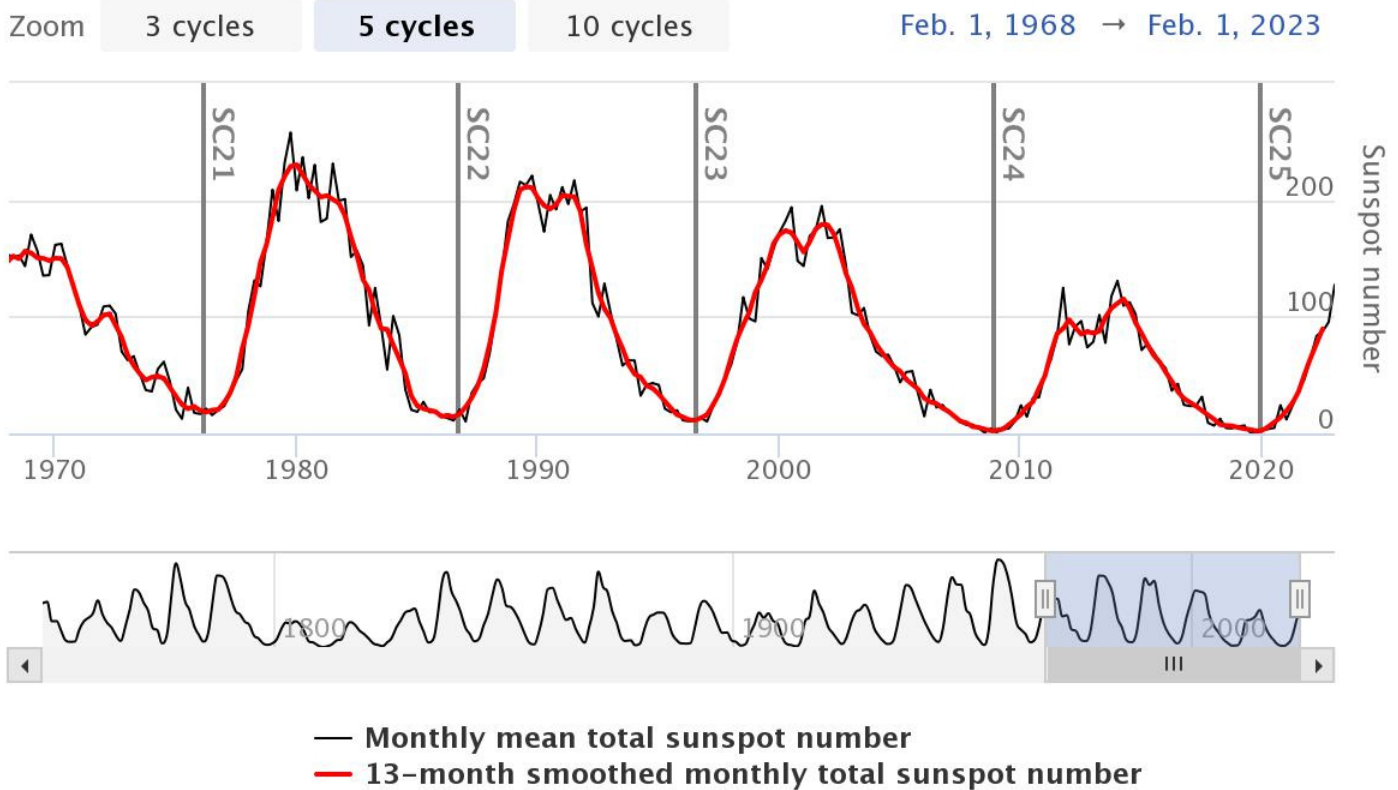
Ionosphere. I would guess that we will see the peak of this Solar Cycle at the end of this year or next year and the good potential conditions on our beloved 11mb (25.6-26.1 MHz) should return in the Autumn. But unfortunately, there is no real sign of any actual broadcasting being likely to take place in the 11-metre band to enable us to enjoy this period.

Sunspot Numbers and Solar Cycles [source: spaceweatherlive.com]

This graph comparing the sunspot numbers over the last 50 years shows how we have had a gradual decrease in the maximum numbers of sunspots over time. Through my own nonscientific observation, I would say that sunspot numbers over around 100 mean that the possibility of long-distance propagation in the 11metre band becomes quite likely.

Back in Cycles 21 and 22 I had easy access to Band I television reception and on those occasions' reception of signals from Russian

International Sunspot Number



WDC-SILSO, Royal Observatory of Belgium, Brussels

and even Chinese signals on the lower channels was regular. I used to have to take pictures of the TV screen to capture these back in those days and even have a VHS recording of one catch from the early Nineties. Sadly, Band I television has all but died out across the World, I believe?

I'm not the only one to have asked the question of what it was like in the past to DX this wonderfully esoteric band. Unfortunately, I have no personal memories of it at all; as a child in the Sixties and Seventies on a very limited pocket money allowance my access to SW radio was restricted to what the local jumble sales could offer. This furnished me with a wonderful small collection of radios but only one of these went higher than the 16-metre band and none as high as 11m.

Later on, I did manage to have access to a Grundig Satellit 2100 and that was during

Solar Cycle 21 which was a good one but at that point I was mainly focusing on TVDX. I decided to have a look back at the reception reports from previous editions of "Communication" to see how it might have been in those heady DX days at the height of the Cold War. The result was interesting.

□ Solar Cycle 21 - started 1976, peaked 1979-1982 - 32 loggings 01/1977-03/1986

□ Solar Cycle 22 - started 1986, peaked 1989-1991 - 18 loggings 03/1990-04/1994

□ Solar Cycle 23 - started 1996, peaked 2000-2002 - 2 loggings 02/2001-11/2004

□ Solar Cycle 24 - started 2008, peaked 2012-2014 - almost no loggings

The variation in logging details reflects the actual transmissions available to listen to rather than any lack of enthusiasm of the DXer. As time went on, DXers had access to radio sets which generally covered the whole of the SW band rather than that more usual bit between 6 and 18 MHz. The RSGB Propagation News webpage recently stated, "All in all, this is a good time for HF so get to it!", It's so frustrating that with nothing "broadcast" to listen to this is rather difficult for us.

The only regular signal that I have heard in this HF range recently is WWV on 25 MHz. It puts in an appearance at the moment almost every day at varying strengths here in the south of the UK.

In the next three months we will be entering the Sporadic E season and for European DXers this should give us listenable signals from WMR on 25800kHz and a host of international FM signals on Band II. Keep your ears peeled for these from mid-May and peaking over the next month or so from then.

SHORTWAVE RECEIVER RETRO

Receivers From Days Gone By: The Drake SPR4

By Bill Marsh
(New Zealand Radio DX League – DX Times)

This receiver was manufactured by the R.L. Drake Company of Miamisburg, Ohio, USA, from about 1969 to the late 1970's.

It is fully solid state utilizing 11x FET's, 17x transistors, 1x OP amp & miscellaneous diodes/ rectifiers. It can be operated from the AC mains (120/240v) or a 12-volt battery. It covers the ranges of 150 kHz to 30 MHz in 500 kHz tuning ranges using switchable mixing crystals. There is an overshoot of 50 kHz at each end of the tuning range on all bands. The tuning knob has a calibration facility built in for minor dial calibration during use, but when properly aligned this is rarely used.

All ranges have a 50-ohm aerial input impedance with the exception of the first 2 ranges 150 – 500 - 1000 kHz which is high impedance. It has excellent sensitivity and selectivity. When first manufactured it was up there with the best and more expensive receivers. It still holds its own with the very latest receivers and SDR's minus some of the refinements of these newer processor-based receivers.

Many accessories were available for this receiver including a loop antenna which mounted on the top of the metal cabinet. Only popular bands were supplied with mixing crystals but the other ranges were also available including dial decals.



These receivers are very much collector items today and fetch extremely high prices on eBay. I would venture to say a great number of verifications came the way of DXers using these receivers.

Details from Universal Radio's website:

The R.L. Drake Company produced the solid-state **SPR-4** receiver with the serious shortwave listener in mind. Supplied coverage includes: 0.15-.5, .5-1.5, 6-6.5, 7-7.5, 9.5-10, 11.5-12, 15-15.5, 17.5-18 and 21.5-22 MHz. Additional 500 kHz crystal ranges are available. A total of 23 ranges may be employed. Modes of reception include AM, SSB (LSB/USB) and RTTY (with optional RTTY adapter).

The dial accuracy is ± 1 kHz when calibrated to the nearest 100 kHz calibration point. Other features include S-Meter, IF Notch, Preselector, RF Gain, Mute, Dial Lamp, Dial Lamp Switch, Spinner Knob, Audio In-Out Jack, Anti-Vox Jack. The antenna input is an RCA phono jack. This radio has a speaker built into the left side panel. 10.75 x 5.5 x 12.25 inches. 18 lbs. Operation is from 120 VAC or 240 VAC, switch selectable from the rear panel.

[Ed. Note: SPR4s still command from \$200-\$700 on eBay!]

SHORTWAVE DXING

DX Detectives at Work!

By Bryan Clark
(New Zealand DX Times)



PERU 4820 Trujillo

Peru is 11,912km from my home in Mangawhai, across the wide Pacific Ocean. I knew nothing about it, but the research for this report has shown me that Trujillo is a very attractive coastal city, very different to the inland locations of most Peruvian broadcasters I've previously monitored.

News of a new Peruvian shortwave operation first broke in the international DX hobby

channels on 19 March, when Chilean DXers Claudio Galaz reported to *Glenn Hauser's World of Radio* (WOR) newsgroup that he heard a **Radio Integridad** from Peru on 4820 kHz on 17 March. Initially it was assumed to be the carrying the major Peruvian religious network called Red Radio Integridad (RRI).

I began monitoring the reported frequency of 4820 on 20 March. Assuming the station would commence daily broadcasts in the early morning, I monitored in our late

evening, and was immediately intrigued by a weak carrier showing up around 0945 UTC.

After several days monitoring in the 0930-1100 period, I was able to confirm that I was actually hearing **Xizang PBS** from Tibet fading in!

Then on 27 March, several other Chilean DXers' reports were posted to WOR. Marcos C advised that, referring to a blog posting by "Mr DX Chile", rather than carrying RRI, the programme was a relay of **Radio Integridad de Trujillo** on 105.7 FM. Also, that there was a valid licence for station OAW-6C located in Arequipa to use 4820. But I see that is 1230km north of Trujillo.

The same day I did a scan of 60 metres in the late afternoon on my home receiver to see what signals might be fading in from the Americas. This revealed some weak audio on 4820, so I quickly checked some South American SDRs and immediately heard an identification for **Radio Integridad** and the Peruvian national anthem just before 0500 UTC on the Chilean KiwiSDR run by CA3PBR. A Google search then found a weblink to online audio from **Radio Integridad** 105.7 FM in Trujillo, parallel to what I was hearing on 4820.

It was now 0515 UTC and turning back to my own receiver I found the same audio at listenable level in NZ! After posting details to the League's own DX Dialog and Glenn Hauser's WOR, I continued listening to 4820 as the signal level and quality improved, logging off at 0905. Reacting to my post, fellow League member Bruce Churchill found the station audible on an SDR in Western Iceland at 0603 UTC.

Speculation then began about whether 4820 was a legal SW operation or a "pirate relay" given the Arequipa/Trujillo discrepancy. Reception of 4820 in NZ on subsequent

nights improved (the best 60m signal from South America), so I sent a short audio file of my reception to the station via Facebook Messenger.

This resulted in an overnight response from the station, the translation saying in part: "Good morning brother Bryan Clark! We rejoice to know that the signal is heard. Is awesome. To God be the glory. Our fraternal greetings in the Love of Jesus Christ. Today we will send you a greeting shortly in our



Radio Senda Cristiana transmission site with FM antenna.

program... [at 1.20pm in Trujillo Peru]". I wrote back explaining that reception was only possible in NZ after midnight Peru time, so they sent an audio file copy of the greeting that said (Google translated): "Thank you very much, brother Bryan Clark for tuning in to **Radio Integridad**. There is a signal that can be heard up there and it is the signal of this station."

I also asked told them that their signal is good in NZ, more than 10,500 km from

Trujillo and asked whether the new transmitter is in Trujillo, or elsewhere in Peru. Their translated response was “we also broadcast online, this is our web address: <https://radiointegridad.net/>” so it was still not clear that they were operating a shortwave station themselves.

Then, on 30 March, Californian master DX detective Ron Howard made a breakthrough in getting closer to positively identifying the 4820 operation. Between 0645 and 0735 UTC, Ron was able to hear segments of preaching and religious songs. His research led him to determine that the station is operated by the Cotahuasi Ministry Center Project which already includes a Christian radio station on 99.9 FM and supply of digital media players and fixed frequency radios.

According to their website: <https://quechuamissions.com/peru2> “the Cotahuasi Canyon has some of the most rugged country on earth. There are over 40 villages scattered through the canyon and shepherds’ huts dot the high-altitude meadows, some accessible only by hiking or horseback. The Quechua church planters that cannot visit all of the new village churches are now using “**Radio Senda Cristiana**” (The Christian Way Radio) to supplement church planting and discipleship ministry.”

The website states that they would like to expand their transmitter range using Shortwave, and “when complete we expect to reach most of southern Peru with the Gospel in the Quechua and Spanish languages. Through efforts of the SonSet Solutions ministry (see <https://sonsetsolutions.org/>) we receive technical help, resources, and

training to enable us to develop and continue on the air. The prospect of expanding our listening area with the installation of Shortwave Radio is an exciting and important development with the help of SonSet solutions' expertise and resources. Their portable, solar powered, fixed-frequency radios have been donated and these are a great blessing to enable people to listen to **Radio Senda Cristiana.**”

Cotahuasi is just 195km from Arequipa, so a much better fit for the OAW-6C license compared with Trujillo being 1230km away. So, it looks like a new SW transmitter has been under test and initially feeding programming from a Christian broadcaster elsewhere in Peru, or maybe overnight when we hear it in New Zealand.

Finally, Marcos C in Chile has highlighted that the OAW-6C licence holder is listed as Hanco Hanco Fredy and one of the Quechua staff shown on the Cotahuasi Ministry Center website is Fredy Hanco Hanncco.

Meantime, for me, I know I heard the **Radio Integridad** from Trujillo Peru on 4820 shortwave, and they have acknowledged that I did hear them. So, I’m happy adding another exotic catch in my 62nd year of DXing.

STOP PRESS!

On 2 April, 4820 was heard at 1030 UTC with a rebroadcast of Red Radio Integridad, Lima (<https://rri.pe/>) with regular identifications as “RRI” in Spanish, instead of the previously heard **Radio Integridad** from Trujillo. (BCM)

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. Missing issue emails go to missing-issues@naswa.net. Thanks!



SHORTWAVE RECEIVER REVIEW

XHDATA D-219 Short Wave Radio Receiver

by Jenny List
March 15, 2023

(Australian DX News originally appearing in Hackaday)

As any radio amateur will tell you, the world of radio abounds with exciting possibilities. Probably the simplest pursuit of them all is that of the SWL, or shortwave listener, who scours the airwaves in search of interesting stations. SWLs will often have fully featured setups with high-end general-coverage communications receivers and tuned antenna arrays, but it can start with the cheapest of radios at its bottom end.

Such a radio is the subject of this review. The **XHDATA D-219** is a miniature portable receiver that costs under ten dollars, yet is currently the talk of the town in SWL circles. This interest is in no small amount due to its being an especially low-price way to get your hands on a shortwave radio using one of the Silicon Labs integrated software-defined radio receiver chips. We don't often review a consumer radio here at Hackaday, but with

an avid eye for unexpected gems at the cheaper end of the market this one's worth a second look.

What Do You Get For Your Tenner?

I ordered my D-219 from the XHDATA website, spending about £10 including the postage from China. The usual wait ensued before the package landed on my doormat, and inside was the radio in its box with an instruction leaflet. It's a small unit about 135 mm x 75 mm x 30 mm, and it follows closely the form factor of other similar radios.

On the top is the extendible antenna with an on-off switch and sockets for headphone and 5 V power, on the side are side-on knobs for tuning and volume, while on the front is the speaker and old-style multi-band tuning display.

On the back is a flip-up stand and a hatch for a pair of AA cells. There's a band switch covering AM, nine different shortwave bands from 4.75 MHz to 22 MHz, the east Asian FM band from 64 MHz to 87 MHz, and the international FM band from 87 MHz to 108 MHz. The tuning indicator is very old-school, a vertical bar that moves across a frequency scale with the tuning knob.

Opening it up, and it's immediately obvious how simple the DSP chip makes a radio like this. Where once you'd have seen a board covered in analogue circuitry taking up most of the space, now aside from the AM ferrite rod antenna there's a board about a third the



Figure 1: This form factor is very typical for cheap "world band" radios.

size of the case, behind the tuning display. Carefully lifting this up reveals the circuitry, all surface-mount, with a Silicon Labs Si4825 single-chip DSP radio, and a Shaoxing Silicore D2882 audio amplifier being the only integrated circuits.

How Does It Compare To Older Cheap Radios?

It seems crazy to give an SDR an analogue interface using an ADC, but you can't deny it works. The Silicon Labs single-chip radios are nothing new, having been on the market for over a decade. They come in a wide variety of versions for different applications and control methods, with the Si4825 being one of the lower-end versions. In keeping with its traditional analogue interface, it doesn't have any digital controls. Instead, it achieves both tuning and band switching by means of voltage. A switched voltage divider selects the band, while a variable resistor serves as the tuning control. Some of the higher-spec chips in the series allow the insertion of DSP code to demodulate, for example, SSB signals, but this one remains firmly stuck with AM and FM on the two VHF bands.

Inserting some batteries and turning it on, and there were the usual dial-full of FM stations. The real action though lies in the shortwave bands, so that was where I headed next. And immediately I had in my headphones a world of stations, and while the shortwave bands have seen a decline since I first listened to them back in the 1980s, there were still enough for me to quickly identify stations from the far east, north America, the Arabic speaking world, and from eastern Europe.

When evaluating a small portable shortwave radio like this one, it's important to understand a little about how such radios have traditionally worked. My other older

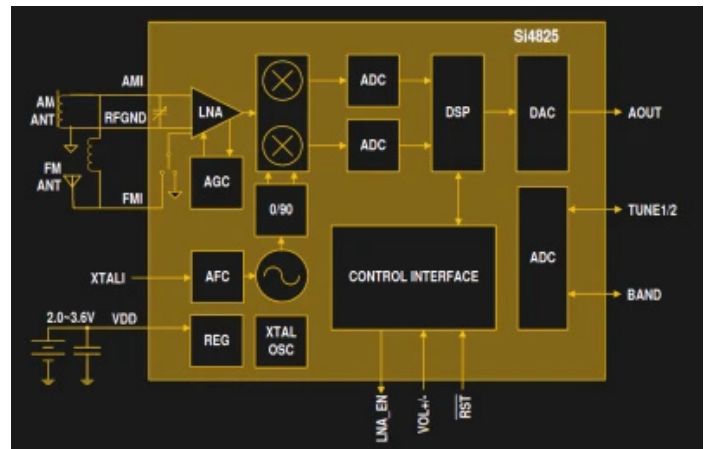


Figure 2: It seems crazy to give an SDR an analogue interface using an ADC, but you can't deny it works.

cheap radio with a few shortwave bands is a more conventional model as it has a tuning capacitor that controls both an input tuned circuit and an oscillator. The oscillator is set 455 kHz away from the desired station, and the signal from the antenna is mixed with it to create a so-called intermediate frequency, the difference between the two at 455 kHz. This is then fed into an IF amplifier tuned to 455 kHz from which the audio can be demodulated.

It has two major shortcomings: first, that 455 kHz isn't enough distance from the receive frequency in a cheap shortwave radio; and second, that the bandwidth of that 455 kHz amplifier is quite wide. The first leaves the possibility of receiving whatever is on the sum of the oscillator and 455 kHz alongside its difference, while the second sets the slice of spectrum that you are listening wide enough that more than one station can be heard at once. More expensive traditional receivers, like my workhorse 1980s Lowe, solve this by using a much larger frequency difference than 455 kHz and some expensive filter components to reduce that bandwidth, but you would certainly find neither in a ten-dollar radio. The experience of short wave listening on a very cheap radio has thus always been rather dismal. Tuning is difficult, and there is lots

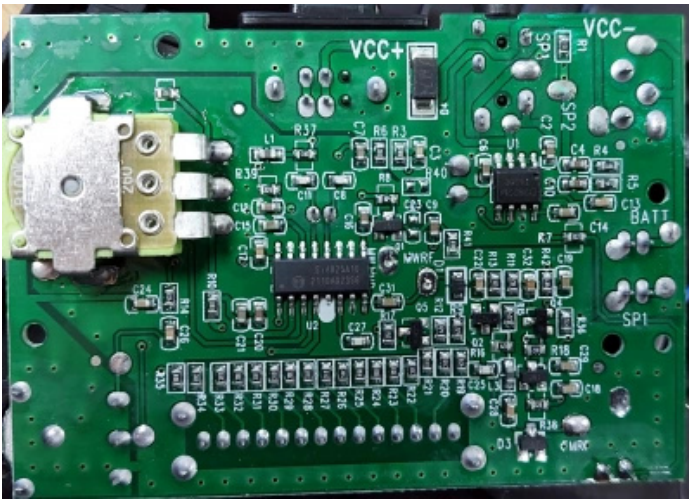


Figure 3: There's not much to a radio using one of these chips.

of interference and breakthrough from other stations.

How Good is It and Should You Buy It?

A radio based on one of these Silicon Labs chips immediately solves both of the problems from the previous paragraph due to its software-defined architecture: it has no IF offset to worry about, and it replaces the

need for those expensive filters by means of signal processing in its software. Thus, the effect is much more similar to that of a receiver with one of those expensive IF filters: there's little or no breakthrough from all those adjacent stations, and tuning becomes much easier. It also seems as though the demodulator is better than its analogue equivalent, returning even weak signals in a much clearer form. How much of this is my imagination and how much DSP tricks I can't tell you, but the radio certainly delivers.

To sum up the D-219 then, it's a good little radio that gives good results for a pocket-money price, and I can see why the SWL community are rather excited about it. It will never equal a high-end general coverage receiver with a well-implemented antenna array and even the Silicon Labs SDR chip is not new, but for the price of a couple of pints of beer it's a no-brainer and a diamond in the rough.

SHORTWAVE OPINION

When AM Radio Finally Disappears, We'll Lose Something

John Cairns' News Watch

News that electric car manufacturers are turning away from AM radio is a jolt to AM fans.

By John Cairns

sasktoday.ca - April 22, 2023

REGINA - Those who know me well know that I am not only a heavy media consumer in general, but also a very heavy radio listener.

Because of my heavy preference for information and news, and especially sports, I have been a particular devotee of AM radio. That's been the way it is for years — you tuned in to FM for the music, and AM for the spoken word stuff.

The excuse we are getting is that the electricity interferes with the AM. Right. From what I gather, what manufacturers really want to offer more “proprietary” services where they own the technology and can force you to pay to listen to the radio.

As a consumer, I'm obviously outraged by this prospect.

If you take a step back, however, and look at the landscape, the reality is that this potential move by the car manufacturers is reflective of a larger situation going on. The reality is AM radio looks like it finally might be on its way out.

I am sad to say this, because for years I have loved to tune in late at night to the signals of radio stations from far distant places, whose local signals in Chicago or San Antonio or San Francisco or wherever would bounce off the atmosphere and land on my radio dial here in frozen Canada. That was part of the excitement. Here's some station in Denver or Salt Lake City or wherever, with the local weather and traffic report, and you're picking up the same signal the locals are getting. And if the conditions were just right, you might even pick up signals from Mexico, or even Cuba.

It was awesome back in the old days. During baseball season, you could just turn the AM dial at night and hear the networks of countless Major League Baseball teams like the Twins, the Cubs, the Mariners, the Rockies or the Royals, among others. In fact, you can still do that; you don't need a **Sirius XM** subscription. If you want to save money on satellite radio, just tune in to AM.

You could also listen to all-news stations like **WBBM** which boomed in from Chicago, or **KNX** from Los Angeles, or a multitude of talk stations. Late at night, I used to tune into Larry King when he had his Mutual radio show — there were plenty of stations carrying that show in those days.

These were the days before the internet, so if you wanted to tune in to radio stations from outside your local market, you had to tune in to AM because the FM signals didn't travel as far. And if you wanted to tune in to countries around the world, you would tune in **shortwave radio** and signals such as the

BBC World Service, Radio Nederland, Deutsche Welle and other services.

So, imagine my horror when I read the stories a couple of weeks ago about how car manufacturers are planning to phase out AM from the car radios in their new models, and in particular their electric vehicle lines.

But times have changed, and in many ways things have gotten better. Thanks to the internet and your apps on your tablets, you can now tune into radio stations streaming online from anywhere in the world. You could get far more and far better programming than what your shortwave radio could ever offer.

That was what finally put the shortwave stations out to pasture. One by one, those stations disappeared from the shortwave dial, with some including the **BBC** shifting their efforts to online.

The way I see it, AM radio is heading to the same cliff that shortwave radio fell off of about a decade or so ago.

In other parts of the world, it's already happening. Here's an example: back in the mid-80s on a family trip to the United Kingdom, I turned the AM dial at night and found an American radio station with American sports programming.

It was **Armed Forces Radio** from a transmitter in West Germany, airing the U.S. college football bowl games. As someone who missed seeing American football on the local UK TV stations, this was a godsend.

Fast forward to 2023 and that same Armed Forces AM station is now gone. Kaput. They've shifted their signals entirely to FM and digital/online. And that's happened to AM radio pretty much throughout

continental Europe and even many parts of Asia.

Almost all the major European broadcasters have shifted to FM or to something called DAB - digital audio broadcasting. There are still holdouts like the UK and elsewhere where "medium-wave" is still going, but in general it's a dying medium.

I guess the real question to ask is why the shift away from AM hasn't accelerated in North America the same way. Maybe it's because large swaths of North America aren't densely populated, so the powerful AM signals could get to those areas when FM couldn't.

But the decline clearly is now on and you notice it any time you pull in a distant signal on the AM dial. Whenever my car radio picks up **WBBM** on 780 AM now from Chicago, I notice they no longer refer to themselves as "Newsradio 780." Now, they call themselves "105.9 FM!"

If you tune in to the powerful 1160 signal from **KSL** in Salt Lake City, they now call themselves "Newsradio 102.7 FM," If you manage to get the signal on 1070 from **KNX** Los Angeles, they're "97.1 FM."

That's right, a lot of powerful AM stations have switched to FM signals. They seem to be keeping their AM transmitters on just for laughs.

For how much longer, you have to wonder. There are more and more stories about AM signals going silent. Just this year, down in my favourite city of Las Vegas, **Audacy Radio** sold off their AM transmitter site and shut down their powerful **KDWN** transmitter on 720 and their all-sports signal on 1140.

Those stations have now gone FM-only, not to mention available online. That's the other

thing: people can still tune in these distant stations online, anyway. So what good is an AM transmitter when the signal is clearer hooking up to the Wifi?

I shudder to think of the future, because AM is still my go-to on my car radio. Yes, the medium still has a lot of listeners -- for now. So maybe these powerful signals will stick around for a while. But if enough car companies give up on AM, it will speed up the decline and I'll be forced to listen to FM or pay for **Sirius XM** whether I want to or not.

As it stands, the decline of AM is starting to get noticeable in the programming, especially from the United States. Cost-cutting rules the roost, and local programming is getting shoved out so AM stations can air syndicated stuff like *Coast to Coast AM* late at night, or Dave Ramsey with his financial advice, not to mention a multitude of syndicated conservative talk shows.

I know folks like the late Rush Limbaugh liked to brag that conservative talk was what saved AM radio. The problem is there is now so much conservative talk on American AM stations that even the conservatives are sick of it.

You also have syndicated all-sports talk where the hosts beat the same topics into the ground over and over again. ("Who's better - LeBron or Michael?!") With legalization, there are even syndicated all-sports betting formats. (They killed an entire AM talk radio station in San Francisco to make room for this.)

Now in a sure sign the end times are coming, you have a ton of all-religious stations on AM. And there are now a ton of "all-Mexican" formats on AM -- IN THE UNITED STATES.

Seriously, what's next down there? "All-Canadian?"

Don't get me started with what's happening in Canada, where we saw entire all-sports AM radio stations blown out and closed, not to mention layoffs and programming cuts at other places. Many of the same folks who got thrown out of their AM radio jobs are now doing podcasts or live-streaming on internet platforms, helping bleed even more listeners away from AM.

You even have AM stations here in Canada that are mailing it in with all-comedy 24-7. I kid you not, this joke of a format is for real

in Canada's major cities like Calgary, Vancouver and Winnipeg, consisting of comedians' standup routines replayed all day and night. It's a total waste of 50,000 watts of power that could be better used in your Tesla.

These are more than enough grievances to fill up an entire hour of "Bugs Day - The Hour of Rage." Maybe even a second hour.

Anyway, put me down as an unhappy AM radio listener. Times are changing, but from this listener's standpoint you have to wonder if it's really for the better.

The Robinson Report

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The Wild, Wild World of Japan's Buyee Auction Site

In 2022, I wrote on SWLing.com about Buyee, the site that for many years provided buyers with a door into the world of equipment available on the Japan used market (see: <https://swling.com/blog/tag/buyee/>).

Buyee hasn't gone anywhere, but as I detailed in that article, for some bizarre reason, U.S.-based members are now banned from bidding on shortwave/amateur equipment. According to Buyee, this is due to Japan government regulations preventing sales of equipment that could, in theory, be used for military purposes or pose a threat to Japan (!).

They're not kidding, as strange as this is. In December 2022, this was the response from Buyee to my inquiries:

"Please kindly understand that [certain] items...have been restricted by Japanese laws and regulations (export trade management ordinances) (originally cannot be exported without the permission of the Ministry of Economy, Trade and Industry), are unable to export out from Japan. We are afraid amateur radio-related items are restricted. . .and shipping these items out [of] Japan [by our] our service [has] been restricted and [banned] by the law. We are afraid we are unable to take such risk thus we have to stop our proxy purchase service for these items. [Items that are restricted include] weapons related, items and technologies which [may possibly be used] for military purpose[s] [and] which may threaten the safety of Japan and other countries, . . .will be restricted by the law."

So, that was the end of that. As this is written, the restriction continues. But what of some of the amazing items I was able to acquire before things changed? Here are a few:

Figure 1. Japan Radio Company (JRC)

NRD-253: Pretty much never seen on the used market, this is a fixed frequency version of JRC's marine receivers. The receiver arrived packed with an original manual and connectors. Although fixed frequency, it appears that the positions are re-writeable/adjustable. Modes include CW, MCW, DSB, USB, and LSB.



Figure 1

Figure 2. RF Systems EMF Longwire Antenna:

Extremely rare, this interesting antenna by RF Systems was at one point carried by Universal Radio (see: https://www.universal-radio.com/catalog/sw_ant/0743.html). An Electro-Magnetic Field passive wire antenna, it's 16 feet long with 16

feet of RG-174 coax and a PL-259. The lead in serves as a counterpoise, eliminating the need for a ground. Magnetic transfer technology acts as a screen of Faraday resulting in reduced atmospheric noise and interference caused by static [so it is] quieter than a normal wire antenna. I was able to find one YouTube video comparing the EMF with an active PAORDT antenna (see: <https://www.youtube.com/watch?v=RLJH79r9VG4>).



Figure 2

Figure 3. ASAP System Japanese/European CW Reader (AS-CW1ar):

I'm not that much in to CW, but when this rare accessory showed up, I knew I had to give it a try. I was able to find ONE video online showing it in operation (see: <https://www.youtube.com/watch?v=gs1wNAL0oEQ>). The unit works with a 3.5 connection to a receiver with DC power.



Figure 3

Figure 4. JRC NDH-93: As a JRC marine owner I am always on the lookout for

various accessories and this one fit the bill. It's the NDH-93 memory unit that goes with the NRD-93/93 receiver. This one was in excellent condition, and serves here as a standby unit for my two NRD-93 receivers.



Figure 4

Figure 5. **ICOM R-9000 Sherwood Fan Back:** Having achieved one of my remaining holy grails, acquiring an ICOM R-9000, I was on the hunt for the super-rare Sherwood fan back for the receiver. Sure enough, this one appeared on Buyee. Complete with instructions.

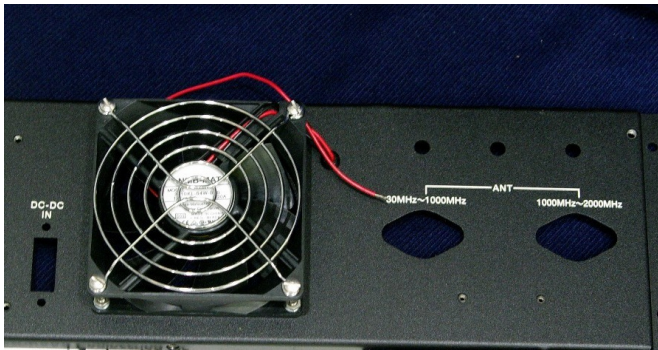


Figure 5

Figure 6. **Japan HQ Version of Malachite:** At a time when I was doing investigative reports about the Russian-made Malahit and various clones, I came across something called the Shaft Corporation HQ. Based on the Russian Malahit, the Japan-based maker claimed to have upgraded the

PC board and provided improved VHF sensitivity, with a new encoder, a higher quality 22 mHz oscillator and a revised RF switch.



Figure 6

Figure 7. **JRC Remote Control:** Though JRC NRD marine receivers such as the 92 and 93 are often seen on the used market, rarely seen is this preset memory unit designed to operate with those receivers. The seller described this as an "exhibition" with scan, mode and step tuning and claimed that it also operates with an ICOM IC-756 Pro. I have yet to actually test this unit, but it's an example of the kind of rare accessories available on the Buyee site.

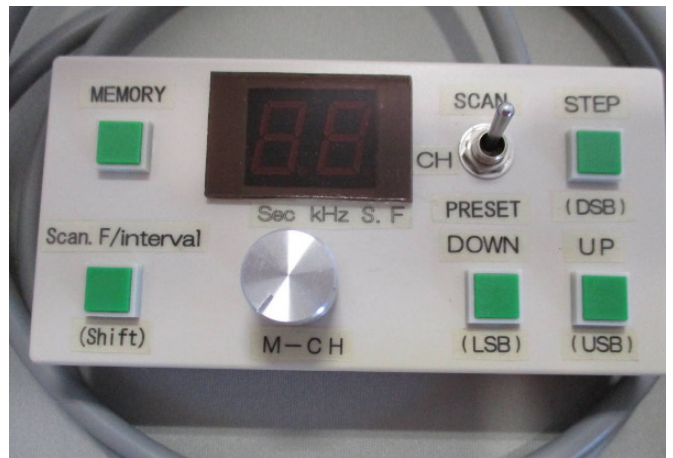


Figure 7

Figure 8. **Mizuho UZ-77 Mediumwave Loop:** While I was never a hard core AM DX'er, this rare accessory appealed

to me. The UZ-77, which appeared to be new, came with its original box and instructions and original brochure. An amazing find and another example of the things found at Buyee.



Figure 8

So, these are just a few examples of the kind of exotic things that can be found on the

Japan used market. Unfortunately, unless you have someone in Japan willing to act as a buyer, they're all off limits to U.S. buyers (it's also unclear whether anyone in Japan doing this and shipping items to us would be in violation of Japan government regulations.)

I count myself lucky to have been able to obtain, before the puzzling Buyee ban took effect, two like new Anritsu marine receivers (the RG-52A and RG-53A). As of the time of this writing, among items on Buyee are a Drake FS-4 with original manual, the latest of a succession of NRD-93 receivers complete with cabinet, a Perseus SDR, and a rare VLF version of the SP-600.

Listener's Notebook

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Times are UTC and frequencies in kHz.

ALASKA KNLS International (Rlg) Summer Schedule 2023

0800-1000 daily EAs 11875nls Chinese
 0800-0900 daily EAs 9695nls English
 0900-1000 daily EAs,CAs 9695nls Russian
 1000-1100 daily EAs 9685nls Chinese
 1000-1100 daily EAs 9580nls English
 1100-1200 daily EAs 9730nls Korean
 1100-1200 daily EAs,CAs 9580nls Russian
 1200-1300 daily EAs 7355nls, 9795nls English
 1300-1400 daily EAs 9740nls Chinese
 1300-1400 daily EAs 7395nls Korean
 1400-1500 daily EAs 7395nls Chinese
 1400-1500 daily EAs 9580nls English
 1500-1600 daily EAs 9760nls Chinese
 1500-1600 daily EAs,CAs 9800nls Russian
 1600-1800 daily EAs 11870nls Chinese

1600-1800 daily EAs,CAs 9580nls Russian (WRTH Update)English

9795, KNLS (Anchor Point, Alaska) at 1234 in English with an explanation of skywave propagation, ID at 1235. Good, Apr. 7. (Harold Sellers-BC/DXplorer)

ALGERIA Radio Algerienne (Pub) Summer Schedule 2023 in Arabic

0000-0300 daily NAF,CAF 13590bec (t)
 0300-0600 daily NAF,CAF 9470bec (t)
 0600-0900 daily NAF,CAF 15110bec (t)
 0900-1100 daily NAF,CAF 17600bec (t)
 0900-1200 daily NAF,CAF 17560org (t)
 1100-1800 daily NAF,CAF 21550bec (t)
 1200-1500 daily NAF,CAF 21455org (t)
 1500-1800 daily NAF,CAF 17560org (t)
 1800-2000 daily NAF,CAF 15160org (t)
 1800-2100 daily NAF,CAF 17600bec (t)
 2000-0900 daily NAF,CAF 13790org (t)

2100-2400 daily NAF,CAF 13590bec (t) (WRTH Update)

ANTARCTICA Argentina's LRA36 Radio Nacional continues to broadcast on Saturdays from approx 2100-0300; shorter broadcasts may be carried on other days, notably Wednesdays around 2100-2300. The frequency is usually 15476 but had moved to 15475 for one of the recent broadcasts before switching back to 15476 on 18 March. (British DX Club)

Radio Nacional Arcangelo San Gabriel (Pub) Summer Schedule 2023 Spanish
2100-0300s. SAm 15476lra (t, USB)
2100-2300 ..w.... SAm 15475lra (t, USB) (WRTH Update)

15475.97, Apr 1, 2022, LRA36 Radio Nacional Arcángel San Gabriel mx, ID R. Nacional, hetherodyne, mx, ID Antártida ... R. Nac. ... San Gabriel, mx. (Méndez-Spain/Shortwave Bulletin) 15476, Radio Nacional Arcangel San Gabriel, F/D e-QSL Card in 19 days. E-mail address: lra36nacional@gmail.com. (Antonello Napolitano-Italy/DX Fanzine) 15476, LRA 36 Radio Nacional, eQSL received in 47 days for English report & MP3 sent to: lra36nacional@gmail.com. (Bill McDavitt-FL) 15476usb, LRA 36, Radio Nacional Arcangel San Gabriel, Base Esperanza, 2132-2147, 08-04, Spanish, comments. Very weak. 15321. (Manuel Mendez-Spain/Hard Core DX)

ARMENIA 9965, DXers Diary via TWR via Gavar, F/D QSL card in 27 days for e-report to the following e-mail address: dxersdiary@gmail.com. (Jürgen Waga-Germany/DX Fanzine)

13690, Trans World Radio (Yerevan) at 1437 in English, man preaching, TWR schedule shows "Hope for Today" at this time on Fridays, to India. At 1444 program closing, confirming this program. IS and into another language. Fair, Apr. 7. (Harold Sellers-BC/DXplorer)

Trans World Radio: Erevan to S.Asia 300 kW, B22 :

12075 1315-1330 Su SANTHALI
12075 1315-1330 M Tu MUNDARI
12075 1315-1330 W Th F KURUKH
12075 1315-1330 Sa KUI
12075 1330-1345 Su BRAJ BHASHA
12075 1330-1345 M KHARIA
12075 1330-1345 Tu SADRI
12075 1330-1345 W BONDO
12075 1330-1345 Th F MAGAHI
12075 1330-1345 Sa HO
12075 1345-1400 Su KURUKH
12075 1345-1400 M AWADHI
12075 1345-1400 Tu Th F HINDI
12075 1345-1400 W BUNDELI
12075 1345-1400 Sa BENGALI
9965 1415-1430 Su MAITHILI
9965 1415-1430 M Tu W Th F HINDI
9965 1415-1430 Sa GHARWALI
9965 1430-1500 Su HINDI
9965 1430-1500 M Tu W Th F ENGLISH
9965 1430-1500 Sa PUNJABI
9965 1500-1530 Su M Tu W Th F Sa URDU.
Reception Reports to asiafeedback@twr.org.

ASCENSION ISLANDS 9410, BBC World Service at 0512 in English, African news. Good, Apr. 26. (Harold Sellers-BC/DXplorer)

AUSTRALIA Reach Beyond Australia (Rlg) Summer Schedule 2023 in English:
0945-1000 .tw... SAs 9580knx
1200-1215 m...fss SAs 11900knx
1200-1300s SAs 15460knx
1315-1330 m.w.f.. SAs 15460knx
1345-1400 daily SAs 15460knx (WRTH Update)

11905, HCJB Japan via Reach Beyond Australia, QSL in four weeks for e-report to hcjbjapan.office@gmail.com. (Artur Fernandez Llorella-Spain, hcdx March 30/TopNews)

15420, JSWC via Reach Beyond Australia, v/s Kazuhiko Iwasa. e-QSL in seven weeks for e-report to jswc70qsl@gmail.com. (Artur Fernandez Llorella-Spain, hcdx March 30/TopNews)

AUSTRIA 6030, Welle 370 via ORS Moosbrunn sw center, QSL in four weeks for e-report to welle370@funckerberg.de. (Artur Fernandez Llorella-Spain, hcdx March 30/TopNews)

6070, SM Radio Dessau via ORS Moosbrunn, E-QSL in two days for e-report to maxberger@smradio-dessau.de. (Artur Fernandez Llorella-Spain, hcdx March 30/TopNews)

BELGIUM Radio Onda Summer Schedule 2023 English/French/Portuguese 0600-2200fss Eu 6140bor (t, alt. fq 9530kHz, reactivated in June) (WRTH Update)

BOTSWANA 5925, Voice of America (Moepeng Hill) at 0447 in English with news headlines, ID. Good, //7375 Woofferton fair, Apr. 26. (Harold Sellers-BC/DXplorer)

BRAZIL 4885, Radio Clube do Para, Belem, 0531-0548, 05-04, relaying Radio Bandeirantes news. 25432. (Manuel Mendez-Spain/Hard Core DX) 4885, Radio Clube do Para, Belem, 0048, the usual PT religious pgm, fair, 04/10. (XM-FL via Bob Wilkner-FL)

4985, Radio Brasil Central, Goiania, 0604-0622, 05-04, Brazilian songs. Teletype QRM. 21431. (Manuel Mendez-Spain/Hard Core DX)

5940, Voz Missionaria, Camboria, 2120-2133, 05-04, religious comments, Portuguese. // 11750. 24322. (Manuel Mendez-Spain/Hard Core DX)

6180, Radio Nacional da Amazonia, Brasilia, 2103-2121, 05-04, Portuguese, comments, ID

"Radio Nacional". // 11780. 35433. (Manuel Mendez-Spain/Hard Core DX)

7400, Radio Antares located somewhere in Brazil. Rec'd a verification statement letter indicating that a EQSL will be coming (still waiting) In the reply this was indicated: Power 250 watts , Music played is "Choro" Reply came back from antaresradiobrazil@gmail.com V/S: Vladmir. (Edward Kusalik-AB/Asian DX Review)

11780, Radio Nacional da Amazonia, F/D E-QSL in 15 days. E-mail: ouvidoria@ebc.com.br and/or centraldoouvinte@ebc.com.br. (Antonello Napolitano-Italy/DX Fanzine)

15190, Radio Inconfidencia, Belo Horizonte, 1943-2006, March 25, Brazilian songs, Portuguese, comments, ID. "Rede Inconfidencia de Radio", "inconfidencia.com.br". 25432. (Manuel Mendez-Spain, BrDXC-UK ng March 26/TopNews) 15190.072 on March 30. (wb df5sx, wwdxc BC-DX TopNews)

BULGARIA 5900, Radio Taiwan Int'l 5900 via Kostinbrod. German serv. Full data colour QSL card in English (Wen Luo Ting area apartment building) for report sent to deutsch@rti.org.tw. Rec'd in 21 days. Postal address on the envelope: P. O. Box 123-199, Taipei 111, Taiwan (R. O. C.). (Hansjoerg Biener-Germany/Worldwide DX Club)

CHILE 5810. RCW. April 22, 0015-0055. Music. 45433 (Claudio Galaz-Chile/Hard Core DX)

CHINA China Tibet Broadcasting (Gov) Summer Schedule 2023 English 0700-0800 m.wtfss As 4905lha, 4920lha, 6025lha, 6110lha, 6130lha, 6200lha, 9490lha, 9580lha 1600-1700 daily As 4905lha, 4920lha, 6025lha, 6110lha, 6130lha, 6200lha, 7255lha, 7385lha (WRTH Update)

CLANDESTINE The Kurdish station Dengê Welat has moved from 11560v to frequencies around 17460-17480. It was observed here on 17470 (17469.77v) from before 1000 to past 1800 on 16 March. Its thought to be via Tashkent and is subject to Turkish jamming. The Turkish jamming carrying military music and Erdogan speeches shadows Dengê Welat. On 17 March Dengê Welat moved up to 17480 (17479.77v) while the jamming continued initially on 17470. The station was first reported on this new frequency by Francois Theveneau on the BDXC-News list on 13 March and subsequently confirmed by Mauno Ritola, Wolfgang Bueschel and Tony Rogers who heard it in parallel with the web stream at www.denge-wealt.org. Dengê Welat and the TRT jamming have since played cat and mouse around 17455-17490. (British DX Club)

Frequency change of Shiokaze Sea Breeze via Yamata site. The 1600-1700 transmission from Shiokaze (Sea Breeze) noted today March 29 on a new frequency of 5920. Wednesday in English. Heard via Asian KiwiSDR remotely. (Stig Hartvig Nielsen-Denmark, hcdx March 29/TopNews)

Iran International, a London-based Iranian opposition TV and radio broadcaster, has relocated its newsroom to Washington DC for safety of staff. The decision to relocate followed the arrest of a Chechen-born Austrian national who had allegedly been carrying out hostile reconnaissance of the broadcaster at Chiswick Park in west London. Magomed-Husejn Dovtaev was arrested by officers from the Metropolitan Police Counter-Terrorism Command and appeared before magistrates in London charged under Section 58 of the Terrorism Act 2000. This incident led the Metropolitan Police to say that despite a "ring of steel" around the broadcasters' premises, it could no longer guarantee the safety of Iran International journalists. At the same time, it feared that

members of the public were unsafe as a result of the threats to the broadcaster. Threats have also been made against journalists working for BBC News Persian, as well as their families in the UK and in Iran. (AIB Global Media Briefing/British DX Club)

5800, Radio Republica, via Okeechobee, N/D QSL letter in 2 days. E-mail address: marialima@directorio.org. (Marcelo A. Cornachioni-Argentina via Facebook Group "QSL Recientemente recibidas"/DX Fanzine)

7600, Radio Afghanistan International, Yerevan, 0042, the usual TV relay with M and W anncrs, but strong "grinder" type jammer reported as a Taliban operation. Signal fair but listening difficult because of the jammer, which continued even after the broadcast was over, 4/10. (XM-FL via Bob Wilkner-FL)

COLOMBIA 4940, LA MONTANA COLOMBIA relay of FUERZA DE PAZ RADIO, Arauca, 0046, one of the stronger signals in the tropical bands, SP religious program with M preaching and choir singing, 04/10. (XM-FL via Bob Wilkner-FL)

5909.950, Alcaravan Radio, 0048 on Apr 11, Spanish songs. Must be reactivated Alcaravan Radio as Rafael Rodriguez R., QSL manager had said would soon happen after 6010, LV de tu Conciencia. Monitoring and reports are appreciated and will be confirmed with eQSL. Reports to rafaelcoldx@yahoo.com. (TopNews) 5910, Alcaravan Radio, Puerto Lleras, 0422-0705 on April 15, Colombian and other Latin American songs, Mexican songs, at 0518 song "Ay Jalisco no te rajes", at 0521 religious song "Alabare, alabare, alabare al Senor", other religious songs "Llaneras", more songs, at 0606 short comment in Spanish by female, more songs, at 0656. 25432. (Manuel Mendez, Station heard in Puerto de la Cruz, Tenerife Island/TopNews)

6010, 0500 (April 8), LV de tu Conciencia. Fair Spanish music good audio peaks, after there was a YL talking but signal and audio not strong enough, saw on FB that this should be Colombia 49mb was good. Definitely Educacion Mexico 6185. (Maurits Van Driessche ON3MK/Hard Core DX)

DENMARK World Music Radio (WMR) has commenced using a new 300 Watts transmitter from April 12 2023 on 15700 after several months with 10 Watts only here. The transmitter is currently being run on a test basis 24/7 but from next week it will be Saturdays and Sundays only. Occasionally on weekdays (I can put the transmitter on - by request, should anyone want it). So far results have been good. The signals have been monitored via KiwiSDRs in South Africa, Kenya, Argentina, Brazil, Bonaire, USA, Iceland, Russia, Ireland, many places in Central and South Europe, the Middle East, Australia and New Zealand. The aerial is a three element yagi beamed south. The transmitter is slightly off channel (a bit below 15700.0); this will be adjusted as soon as possible. Works will also be done to improve the audio quality on 15700. WMR is still on the air on 927 (150 Watts), 5930 (100 Watts), and 25800 (60 Watts). These three frequencies are on the air 24/7. Power on 5930 will soon be increased to 200 Watts. In the last few months 25800 have been monitored almost all over the world - at times - due to the current high sunspot numbers. I am very late sending out QSL's. Sorry! The new WMR 2023 QSL is currently being designed and will hopefully be ready by the end of the month. Please notice that reports using remote receivers are not wanted, and they are not QSLed. E-QSLs are free of charge of course, but if a printed QSL card is desired, kindly send five euro's or two IRCs to cover return postage. Donations are always VERY welcome. Address is: World Music Radio/Radio208, PO Box 112, DK-8960 Randers, Denmark. Paypal via wmr@wmr.dk. E-mail addresses are: wmr@wmr.dk and

mail@radio208.dk. (Stig Hartvig Nielsen-Denmark/Hard Core DX)

World Music Radio on 5930 is currently running 160 Watts. WMR now on the air Saturdays and Sundays on 15700 only - but occasionally also weekdays. Radio Piepender and Sunlite are broadcasting from Zwolle and Westdorpe which are not in neither the province of North Holland nor the province South Holland - but in the province Overijssel and in the province Zeeland - in the country called The Netherlands. Sunlite is running 200 Watts (perhaps 250 Watts) as far as I know. And from a very good transmitter site with excellent ground conductivity. Radio208 is not broadcasting from "Holland" - but from Hvidovre, Copenhagen - which is in Denmark. The power was recently increased from 75 Watts to 200 Watts. Plans are to improve the antenna, and so power will be increased to 300 Watts. (Stig Hartvig Nielsen-Denmark/Hard Core DX)

ECUADOR 6050, HCJB, Pichincha-Quito, 0422-0500* on March 26, Spanish, comments, ID. "HCJB", Ecuadorian songs and music, program "Ritmos y Canciones de Nuestra Tierra, un programa de HCJB" and closed at 0500. 25432. (Manuel Mendez-Spain, BrDXC-UK ng)

GERMANY A23 Adventist World Radio - Nauen:
0400 0430 Amharic Ethiopia 15515 125 1234567
0430 0500 French Morocco, Algeria 7390 250 1234567
0600 0630 French Cameroon, Ghana, (Senegal) 15220 250 1234567
0700 0800 Arabic Morocco, Algeria 15220 250 1234567
0830 0900 Tachelhit Morocco, Algeria 15220 250 1234567
0900 1000 Italian Italy 9610 125 1
1300 1330 Uighur W-China 17770 250 17

1300 1330 Mandarin W-China 17770 250 23456
 1630 1700 Amharic Ethiopia 17725 250 1234567
 1630 1700 Tigrinya Eritrea 15490 250 1234567
 1730 1800 Oromo S-Ethiopia 17725 250 1234567
 1900 2000 Arabic Morocco, Algeria 11800 250 1234567
 1930 2000 Tachelhit Morocco, Algeria 11955 125 1234567
 1930 2000 Ibo E-Nigeria 15355 250 1234567
 2000 2030 French Cameroon, Niger 9555 250 1234567
 2000 2030 French Morocco, Algeria 9780 250 1234567
 2000 2030 Moore Burkina Faso 11800 250 1234567
 2030 2100 Yoruba Nigeria 11790 250 1234567
 2100 2130 Pidgin Nigeria 12040 250 1234567
 2130 2200 TWI W-Africa 12040 250 1234567
 Reception Reports to qsl@awr.org

Bible Voice Broadcasting Program Schedule
 Summer – Nauen
 11655 at 0600-0615 in Arabic
 15300 at 1430-1500 in Nuer
 17650 at 1430-1500 in Dari Sunday
 1400-1430 in English (first Saturday each month)
 1430-1500 in English Saturday (Bible Voice Direct)

New broadcast times for Shortwave Radio, Winsen, from 26 March (A23 schedule):
 0700-1400 Sa/Su 6160
 1400-1600 Daily 6160
 1600-2200 Daily 3975
 (shortwaveradio.de/British DX Club)

GUAM A23 Adventist World Radio KSDA Agat (100 kW):
 1000 1100 Mandarin C/N-China 15450 1234567
 1030 1100 Mongolian N-China, Mongolia 17720 1234567

1100 1200 Mandarin C/N-China 11855 1234567
 1100 1200 Mandarin S-China 15210 1234567
 1100 1130 Indonesian W-Indonesia 15500 1234567
 1130 1200 Javanese Indonesia, Malaysia 15500 246
 1130 1200 Sundanese Indonesia, Malaysia 15500 1357
 1200 1230 Min Nan Chinese S-China 15710 12345
 1200 1230 Mandarin S-China 15710 67
 1230 1300 Cantonese S-China 15710 123457
 1230 1300 Mandarin S-China 15710 6
 1230 1300 Meitei NE-India, Bangladesh 15430 1234567
 1300 1330 Kachin Myanmar 12055 1234567
 1300 1330 Khmer Cambod, Viet, Thai, Laos 15550 167
 1300 1330 Khmer Cambod, Viet, Thai, Laos 15550 2345
 1300 1330 Asho Chin Myanmar 15505 1234567
 1330 1400 Kokborok Bangladesh 15255 1234567
 1330 1400 Assamese NE-India 15550 14
 1330 1400 Indonesian Malaysia 15550 237
 1330 1400 Khasi NE-India, Bangladesh 15430 1234567
 1330 1400 Hmong Thailand 15550 56
 1400 1430 Asho Chin Myanmar 12065 1234567
 1400 1430 Mandarin W-China 15440 1234567
 1400 1430 Karen Myanmar, Thailand, China 11795 1234567
 1430 1500 Karen Myanmar, Thailand, China 11795 1234567
 1500 1530 Kannada S-India 15215 1234567
 1530 1600 English Nepal, Tibet 15670 12347
 1530 1600 Tibetan Nepal, Tibet 15670 56
 1530 1600 Gujarati C-India 15615 1234567
 1530 1600 Kannada S-India 15680 1234567
 1600 1630 Telugu S-India 12080 1234567
 1630 1700 Sindhi S-Pakistan 15360 1357
 1630 1700 Pushto N-India 15360 246
 1630 1730 Korean Korea 11955 1234567
 1730 1830 Korean Korea 15530 1234567
 2000 2100 Korean Korea 9700 1234567

2100 2200 Mandarin C/N-China 11750
1234567
2200 2230 English W-Indonesia 15440 135
2200 2230 Dayak W-Indonesia 15320
1234567
2200 2230 Sundanese W-Indonesia 15440
2467
2200 2300 Vietnamese Vietnam 15685
1234567
2230 2300 Javanese W-Indonesia 15320
1234567
2230 2300 Indonesian W-Indonesia 15440
1234567
2300 2400 Mandarin C/N-China 17700
1234567

Reception Reports to qsl@awr.org

INDIA Changes to AIR Nepali Service programming: The production of programs of AIR Nepali External Service was shifted from New Delhi studios to AIR Kurseong with effect from 1 April 2023. Since then AIR Home Service News is heard in Nepali Service as follows on 15410; Hindi 0230-0245 and English 0245-0300. It may be also noted that since long time, AIR Bengali Mythree External Service has been carrying the Home Service News in Hindi & English several times per day. (Jose Jacob-India, VU2JO/DX India)

AIR Kolkata - (Amtala) - Google SV Imagery now available. Imagery posted up around January 2023 by Google of the Kolkata, India region has revealed a roadside view of the AIR Kolkata SW TX site. I understand that SW transmissions ended sometime pre A16 period from this site. Someone might have an accurate date for me. Current SV shows a sad state of the former SW transmission towers with two. of the three collapsed masts. (Ian, Shortwavesites Groups.io April 16/TopNews) AIR Kolkata - Amtala. The masts went down during Cyclone Aila (25 May 2009 - 27 May 2009). (Sudipta Ghose-India VU2UT, SWsites iogroup April 16/TopNews)

9940, AIR - Delhi. *1045-1215* Tibetan to Tibet, NF (ex 9950), plus noise jamming, Mar 30. (Rob Wagner-Australia)

11560, AIR - Delhi. *1045-1215* Tibetan to Tibet, NF (ex 11590), plus noise jamming, Mar 30. (Rob Wagner-Australia)

11570, AIR - New Delhi. *0100-0230* Tibetan to Tibet, NF (ex 11560). A strange open carrier on 11569.78 created a strong heterodyne against this weak signal. Mar 29. (Rob Wagner-Australia)

INDONESIA 7289.93, RRI Nabire, 0802 till cut off at 0910*. Tuned in to EZL music which switched to Islamic type music; 0815-0857, non-stop announcers; 0857, EZL song and announcers; 0904, brief Islamic sounding music before the Islamic Maghrib (sunset) call-to-prayer, which today was without the usual pre-Shalawat Tarhim prayer; cut off in mid-sentence. (Ron Howard-CA, wwdxc BC-DX TopNews April 8)

IRAN 9855, IRIB Sirjan site, E-QSL in 2.5 years for e-report to englishradio@irib.ir. (Artur Fernandez Llorella-Spain, hcdx March 30/TopNews)

IRELAND 6205, Laser Hot Hits, 0322- on Apr 17. Poor reception, but clearly // to UTwente SDR with pop music. An amazing evening for low power TA signals. (Salmaniw-BC/DXplorer)

6206, Blue Moon Radio located in Ireland. Rec'd a E-QSL w/ full data and cover letter from the operator. Power is 40 watts into a dipole. Reply from bluemoonradio188@gmail.com. (Edward Kusalik-AB/Asian DX Review)

JAPAN NHK WORLD-Japan Frequency Schedule (A-23):
English
0500-0525 (Mon.-Fri.) 0500-0530
(Sat.&Sun.) 7355 kHz S.Africa France

1400-1425 (Mon.-Fri.) 1400-1430
 (Sat.&Sun.) 11815 kHz S.E.Asia Yamata
 1510-1525 (Mon.-Fri.) 1520-1530
 (Sat.&Sun.) 1386 kHz Europe(MW) Lithuania
 French
 0530-0550 11730 kHz W.Africa France
 0530-0550 13840 kHz C.Africa France
 2030-2050 7425 kHz W.Africa France
 Chinese
 0400-0430 11825 kHz Yamata
 1130-1200 9690 kHz Yamata
 1230-1300 6190 Yamata
 1330-1400 6190 Yamata
 1430-1500 Yamata
 2230-2250 9560 k Yamata (Rob Wagner-
 Australia)

KOREA (North) 9435, Voice of Korea
 (Kujang) at 1301 signing on in English with
 anthem, 1302 woman with ID followed by
 song praising the "Great Leader". Excellent,
 //11710 good, 7570 and 12015 not heard,
 Apr. 7. (Harold Sellers-BC/DXplorer)

11710, Voice of Korea (Kujang) at 1506 in
 English, choir singing praises to Kim Jong-
 un, 1508 ID, into news. Very good over
 modulation distortion, //9435 excellent,
 12015 fair, Apr. 7. (Harold Sellers-
 BC/DXplorer)

KOREA (South) 9770, KBS World Radio in
 English logged this station on 17th January
 2021 and submitted with audio file. F/d
 beautiful QSL card showing "Love in the
 Moonlight" received after 26 months. They
 send this via registered mail for my report
 via their web form:
https://world.kbs.co.kr/service/about_report.htm?lang=e. (Babul Gupta-India/Asian DX
 Review)

KUWAIT Radio Kuwait (Gov) Summer
 Schedule 2023:
 0300-0630 daily 5960kdb Arabic
 0500-0900 daily 15515kdb Arabic
 0500-0800 daily 11970kdb (+, i) 15530kdb
 English

0800-1000 daily 7250kdb Persian
 0945-1330 daily 15110kdb (+) Arabic
 1000-1200 daily 17760kdb Filipino
 1100-1330 daily 9750kdb Arabic
 1400-1600 daily 11630kdb (Quran prgr, t)
 Arabic
 1600-1800 daily 15540kdb (i) Urdu
 1800-2100 daily 15540kdb (+, t) English
 (WRTH Update)

MADAGASCAR A23 Adventist World Radio
 Madagascar:

0300 0400 Malagasy Madagascar 6065 100
 0500 0600 Arabic Egypt, Iraq, Arab Peninsula
 17790 125
 0600 0630 French Cameroon, Ghana,
 (Senegal) 17790 250
 1330 1400 Dawan E-Indonesia 17725 125
 1400 1430 Sinhalese Sri Lanka 15530 125
 1400 1500 Malagasy Madagascar 6055 100
 1500 1530 Mizo NE-India 15605 125
 1530 1600 Malayalam S-India 15605 125
 1600 1630 Marathi C-India 15605 125
 1700 1728 Kiswahili Tanzania, Kenya,
 Uganda 11790 250
 1900 2000 Arabic Egypt, Iraq, Arab Peninsula
 11880 125

Reception Reports to gsl@awr.org

World Christian Broadcasting introduced
 Korean language broadcasts in January 2023.
 The uniqueness of our mission is focused on
 places where our missionaries cannot go or
 where we do not have enough workers. In
 2006, we began building the radio station in
 Madagascar to reach the Middle East. The 3
 antennas blanket Africa, South America, the
 Middle East, the western part of Russia,
 China, India and Cuba. What is next? North
 Korea! Sang Yang, who lives in South Korea,
 and his team have joined World Christian
 Broadcasting and are sending out Korean
 broadcasts into North and South Korea. In
 North Korea, we will use the "invisible tool"
 of shortwave radio that cannot be traced. It
 may be one of the safest ways to teach
 people. We can drop a strong signal on top
 of North Korea from KNLS in Anchor Point.

(Andy Baker, World Christian Broadcasting Winter 2022 Newsletter/TopNews)

25900, BBC - Talata Volonondry. *1200-1230* French to CAf, NF (ex 21630 Ascension Is). A weak and variable signal but great to hear the 11m SWBC band being used again after many years! (And, no, I'm not including hobby broadcasters like the 60w flea-powered World Music Radio!) Mar 30. (Rob Wagner-Australia)

MALAYSIA Wai FM 11665 daily 2300 – 1600 in Malaysian with 1 kW. They've been noted with a better signal following repairs to the transmitter. Could be a challenge for somebody in NZ? (New Zealand DX Times)

MALI 5995, Radio Mali, Bamako, 0603-0627, 05-04, African songs, Vernacular, comments. 25432. (Manuel Mendez-Spain/Hard Core DX)

9635, Radio Mali seems to be inactive, quite some time without receiving the station on this frequency, which was on air between 0800 and 1800 and was heard very strong here in the past. (Manuel Mendez-Spain/Hard Core DX)

MEXICO 6185, Radio Educacion (Mexico City) at 0550 in Spanish, popular Mexican music, ID at 0553, female DJ. Good, Apr. 26, (Harold Sellers-BC/DXplorer)

MONGOLIA 12015, Voice of Mongolia (Japanese Department), F/D E-QSL in 2 days. E-mail address: mnb_vom@yahoo.com. (Juan Carlos Pérez Montero-Spain via Facebook Group "QSL Recientemente recibidas"/DX Fanzine) 12085 Voice of Mongolia, 0908, M with news or commentary, fair signal but ute QRM and QRN made it impossible to ID the lang, although it is listed as EG. The signal gradually deteriorated. Nothing there but carrier on 1000 check. (04/14). (XM-FL via Bob Wilkner-FL)

MYANMAR Myanmar Radio 5915 at 0730 – 1530 and 2315 – 0530 in Burmese using 50 KW from Naypyidaw and 5985 at 0930 – 1530 in Burmese and 1600 – 1700 daily in English (some days news bulletins start at 15:30) using 25 kW from Yangon. (New Zealand DX Times)

NETHERLANDS 5955, Radio Sunlite, 0451- on Apr 16. I was very pleased to hear this low powered Dutch broadcaster playing Love you More, by Racoon and then Skyboy by Duncan Lawrence (thank you, Shazam!). Initially stronger than the usual I hear lately on 6020, and that's Radio Delta International. I do see that daylight has already reached Holland, so I expect that reception will soon not be possible at all with the longer northern daylight hours. (Salmaniw-BC/DXplorer)

6020, Radio Delta International, Elburg, 0556-0640 on March 26, songs, ID. at 0658 "Good morning, Radio Delta International, one thousand watts ...", songs in English, oldies. 35433. (Manuel Mendez-Spain, BrDXC-UK ng March 26/TopNews)

6130, Radio Europe, 0329- on Apr 17. Poor-fair reception with modern western vocals. I've never heard this one before! Still audible at 0401 recheck, but at poor level now. Anyone know an email address to this station? At 0452, ID for Radio Europe by YL. Mostly non-stop Western vocals. (Salmaniw-BC/DXplorer)

NEW ZEALAND Radio New Zealand International 26 Mar 2023 - 28 Oct 2023:
0000 – 0558 on 15720 Sun – Friday
0559 – 0858 on 13840 Mon-Sun
0859 – 1258 on 11725 Sat-Sun
1259 – 1650 on 7440 Sun-Fri
1651 – 1755 on 9700 AM 11690 DRM Sun-Fri
1736 – 1958 on 11725 Sat
1756 – 1858 on 11725 AM 11690 DRM Sun-Fri'

1859 – 20:58 on 11725 AM 13840 DRM Sun-Fri
1959 – 0000 on 15720 Sat
2059 – 0000 on 15720 Sun-Fri

13755, Radio New Zealand, F/D e-QSL in 13 days. V/S Adrian Sainsbury Frequency Manager. Report sent via webform at: <https://www.rnz.co.nz/international/qsl/new>. (Antonello Napolitano-Italy/DX Fanzine)

NIGERIA 7254.9, Voice of Nigeria, Abuja Lubge, 0613-0620 on April 13, Vernacular, comments, at about 0620 signal cut off abruptly. 25432. Tenerife. (Manuel Mendez, Station heard in Puerto de la Cruz, Tenerife isl, Apr 13/TopNews)

OMAN 11800, BBC World Service (Al Seela) at 1512 in English, interview talking about Uganda. Poor, Apr. 7. (Harold Sellers-BC/DXplorer)

21470, BBC - Al Seela. *0830 Dari, 0900 Pushto, 0930-1000* Dari. NF (ex 15310), Mar 28. (Rob Wagner-Australia)

PERU A new religious station from Peru, Radio Integridad, was heard by Auguste Galaz in Chile on 4820 at 1037 on March 17th including ID: "Red radio integridad, la voz que glorifica a Dios". The Red Radio Integridad website www.rri.pe lists SW frequency 5980 (Cusco) and MW 700 (Lima) as well as many FM frequencies in Peru. (Auguste Galaz on WRTH Facebook page 17 March/British DX Club) On 2 April, 4820 was heard at 1030 with a rebroadcast of Red Radio Integridad, Lima (<https://rri.pe/>) with regular identifications as "RRI" in Spanish, instead of the previously heard Radio Integridad from Trujillo. (Bryan Clark-New Zealand/New Zealand DX Times) See Shortwave Center for a full investigative report. (RAD)

4775 Radio Tarma, 1047, weak threshold signal (04/10). (XM-FL via Bob Wilkner-FL)

4775. Radio Tarma. April 22, 0105-0115. Music. 0110 ID + music. 45444. (Claudio Galaz-Chilr/Hard Core DX)

4820, Apr 2, 0735, Radio Senda Cristiana (The Christian Way Radio) via Cotahuasi, Arequipa, 0735-0805. Surprised by the very decent reception! Perhaps the result of them still adjusting the new transmitter? 0735-0758: Radio drama, 0759: Unfortunately the 0800 ID was the weakest audio heard today, otherwise decent modulation. (Ron Howard-CA/Shortwave Bulletin, California) 4820. Radio Senda Cristiana. Apr. 7. 0000-0030 & Apr. 8. 1100-1110 Devotionals and music. 35333. (Claudio Galaz-Chile/Hard Core DX) 4820. R, Senda Cristiana. April 21, 0025-0250. Program about marriage. 0057, music. 0107, "A travas de la Biblia". 0135, music. 0140, quechua service with music and devotionals. 35333 to 45444. (Claudio Galaz-Chile/Hard Core DX)

PHILIPPINES A23 schedule for PBS Radio Pilipinas via VOA Philippines relay station: 0200-0330 English ME 12010-pht 15640-pht 17820-pht
1730-1930 Tagalog ME 9960-pht 12120-pht 15190-pht (HFCC/British DX Club)

13870, FEBC, E-QSL in 19 months! E-mail: norie.estabillo@febc.ph. (Artur Fernández Llorella-Spain/DX Fanzine)

ROMANIA Tentative A23 schedule for Radio Romania International:
0000-0100 Am 9550-tig 11620-tig
0300-0400 AsAm 9850-tig 11620-tig 17790-gal 15330-gal-drm
0530-0600 EuAu 9700-tig 17760-gal 21550-tig 11960-gal-drm
1100-1200 EuAf 15130-tig 15320-gal 17630-tig 17670-gal
1700-1800 Eu 15180-tig 13750-tig-drm
2030-2100 EuAm 9740-gal 11850-tig 13650-tig 11975-gal-drm
2200-2300 EuAs 9740-gal 9790-tig 11650-tig 11800-gal (HFCC/British DX Club)

A23 schedule for IRRS (most transmission from this country):

9510 0800-0900 Sat 150 kW EuMENAf English (1)(2)

9510 0930-1200 Sun 150 kW EuMENAf English (1)(2)

15385 1500-1530 Mo/Tu/We/Fr/Sa 300 kW EAf Oromo (2)

15375 1500-1530 Sun 300 kW As/Au English (1)

(1) Includes programs from European Gospel Radio (2) Includes program from IPAR See our program schedule for language and program details. For more information, contact: IRRS-Shortwave, email: info@nexus.org Reception reports to: reports@nexus.org. (IRRS web site/British DX Club)

Radio City – the Station of the Cars, writes that due to increases in sunspots, reception of their Saturday morning broadcast via IRRS on 9510 has been poor. IRRS is planning to test a 15 MHz channel on Saturday morning one or two weeks after the start of the A23 schedule. (Radio City email to Rafael Martinez/British DX Club)

SAUDI ARABIA Webstream at <https://www.alarabiya.net/live-stream-fm>

From time to time instead of Radio Saudi International in Bahasa Indonesian 0900-1200 on 21670 can be heard a disco-rap programme with female DJ in English and Indonesian, it sounds like "O.K.FM". Heard on 25 and 26 February. In 2022 some evenings instead of RSI in Turkish was a programme in Indonesian at 1800-2100 on 9675. (Rumen Pankov-Bulgaria/British DX Club)

SINGAPORE 11695, BBC World Service (Kanji) at 1248 in English, discussion of climate. Poor, Apr. 7. (Harold Sellers-BC/DXplorer)

SPAIN 9690, Radio Exterior de Espana via Noblejas in Spanish was logged and submitted reception report with audio file on 20th November 2021 and f/d QSL card with Stickers received after 16 months for my email report to: ree@rtve.es. (Babul Gupta-India/Asian DX Review)

SRI LANKA Sri Lanka has been in a financial crisis and SLBC has had its share of problems that it has had to cut down on most unsponsored for transmissions. The 0030-0100 transmission and also the 1100-1158 transmissions were dropped. The following should still be heard in North America: 0200-0228 on 11905
1630-1800 11750 (Victor Goonetilleke-Sri Lanka/DXplorer)

SUDAN Voice of Africa - Sudan Radio (Pub) Summer Schedule 2023
1630-1715 daily CAf 9505alf (i) French
1715-1800 daily CAf 9505alf (i) English
1800-1900 daily CAf 9505alf (i) Swahili (WRTH Update)

SWEDEN IBRA Media (Rlg) Summer Schedule 2023, various locations:
0000-0030 daily 12095tac 1500-1530 daily SAs 17590tac Bengali
0230-0300 daily 9895dha 0830-1030 daily WAs 15490dha 1500-1800 daily WAs 5130bis (t) Dari
0800-0830 daily 17640wof 1700-1800 daily ME 15260wof Arabic
1430-1500 daily 11725dha Hazaragi
1500-1545 daily 9720dha Pashto
1600-1630 daily 11655dha Afar
1615-1700 daily 9540dha Amharic
1700-1730 daily 9630dha Oromo
1730-1800 daily 9645dha Silte
1730-1900 daily 17670wof Sudanese langs* (Sudanese Arabic, Bedawit, Fur & Tigrawit)
1730-1800 daily 9630dha Tigrinya (WRTH Update)

TAIWAN 9405, Radio Taiwan International, QSL card received by post in 32 days. Report

in English sent to: english@rti.org.tw.
(Christian Ghibaudo-France/DX Fanzine)

TAJIKISTAN A23 Adventist World Radio
Dushanbe (100 kW):

0200-0300 English Bangladesh 15515
1130-1200 Shan Myanmar 15610
1200-1300 Korean Korea 15515
1200-1230 Mon Myanmar 15610
1300-1330 Nepali NE-India 15255
1330-1400 Thai Cambod, Viet, Thai, Laos
15440
1400-1500 English Bangladesh 15505
Reception Reports to qsl@awr.org

THAILAND 9920, Radio Thailand, F/D QSL
folder in 87 days. E-mail:
rthworldservice@gmail.com. (Juan Carlos
Pérez Montero-Spain via Facebook Group
"QSL Recientemente recibidas"/DX Fanzine)

TURKEY A23 schedule for TRT Voice of
Turkiye in English:

0300-0400 EuAsAm 6165 7275
1230-1330 EuAm 15450
1630-1730 MEAs 11660
1830-1930 Eu 5945
2030-2130 AsAu 9875
2200-2300 EuAm 11785 (HFCC/British DX
Club)

5945, TRT/Voice of Türkiye via Emirler, full
data colour QSL "Our voice gets stronger with
your letters" and sked received in 46 days for
e-mail report to head of German service
fuk.gecim@trt.net.tr. Postal address:
Türkiye'nin sesi radiosunu, P. K. 33, 06443
Yenisehir, Ankara, Türkiye. (Hansjoerg
Biener-Germany/Worldwide DX Club)

UNITED KINGDOM The UK gov't has awarded
a one-off payment of £20 million to the BBC
World Service as part of the refresh of the
Integrated Review. The money is being
provided to protect all 42 WS language
services over the next two years and support
English-language broadcasting. (fco press
release 14 Mar/British DX Club)

BBC Persian service, which is supposed to
have discontinued shortwave, continues to
be registered in HFCC for the A23 period, on
Sundays only as follows:

0330-0430 12015-dha
0430-0530 15225-dha
1600-1700 6195-sla 1830-1930 6100-dha
(British DX Club)

A23 schedules for BBC World Service in
English on shortwave by region:

BBCWS English to Middle East
0300-0400 12095-sla 13580-sla
0400-0500 13580-sla 15310-sla
1500-1700 12025-sng
1700-1900 6195-sla 12025-sng

English to Europe
0500-0600 3955-wof (drm) 5875-wof (drm)

BBCWS English to East & Southern Africa
0400-0500 12095-mdc
0500-0600 11810-mdc 21560-dha
0600-0700 15420-sao 17640-mdc 21560-mdc
0700-0800 17530-mdc 17640-sao 21560-mdc
21630-mdc
1500-1600 11800-sla 1600-1700 7445-mdc
11700-sla 21630-asc
1700-1800 7445-mdc 7265-mdc
1800-1900 7445-mdc 7265-mdc 9410-dha
1900-2000 7445-mdc 9410-dha 9890-sao

BBCWS English to West & Central Africa
0500-0600 9410-asc 12095-smg 15490-wof
0600-0700 9410-asc 9915-asc 12095-sao
17830-smg
0700-0800 13580-sao 15400-asc 15490-asc
21470-smg
1600-1700 17830-asc
1700-1800 17780-asc 17830-asc 21470-asc
1800-1900 15400-asc 17640-wof 17830-asc
1900-2000 11810-asc 15400-asc
2000-2100 11810-asc 12095-asc
2100-2200 11810-asc 12095-asc (Mon-Fri)

BBCWS English to South Asia
0000-0100 5945-sla 7325-erv

0100-0200 7325-sla 17790-sng
0800-0900 17720-sng (drm) 21660-sla (drm)
1200-1300 15310-sla 17790-sla
1300-1400 11685-sng 15310-sla

BBCWS English to East & South East Asia
1000-1100 6195-sng 9410-sng 11855-sng
11945-sng 15640-sng
1100-1200 6195-sng 9410-sng 11945-sng
1200-1300 11695-sng
2200-2300 3915-sng 5955-sla 6195-sng
7465-sng 9440-tin 11695-sla
2300-0000 3915-sng 6195-sng 9690-sla
11825-tin (HFCC/British DX Club))

USA WMLK Assemblies of Yahweh Shortwave, now broadcasting 6 days a week: 9275 at 1700-2200
15150 at 0400-0900. Note: There are times that WMLK is not broadcasting because of maintenance or repairs. (The Sacred Name Broadcaster)

WBCQ 9330. They have just changed to their summer sked. The block for Europe is now 0700-1100 on 57 degrees, with English 1000-1100, still on 9330. I thought they might have registered some higher frequencies for A23 season - but no - still on 9330 channel throughout. (Alan Holder-UK, G4ZBH, hcdx March 25/TopNews)

WBCQ 9330 has been off the air for a few weeks, but transmissions resumed on 25 March. Allan Weiner of WBCQ wrote on Twitter 20 March: "Continental Electronics engineers at the Superstation working on the 420D transmitter. Lots of problems. Too complex. Too computer controlled. Give me the days of relays, meters, switches, indicator lamps, and real knobs. Like Classic WBCQ. That stuff works. For generations." (via Alan Pennington-UK/British DX Club)

RFE/RL in Tajik and Uzbek on SW gone. The provisional HFCC registrations for A23 (effective 26 March) show that the RFE/RL (USAGM) broadcasts in Tajik and Uzbek are

missing, leaving only Turkmen (Azatlyk Radiosy) on shortwave to Central Asia. All other USAGM language services (VOA, RFA, etc) that were on air during B22 appear to be continuing in A23, at least according to provisional HFCC data. (Tony Rogers-UK 18 Mar) Mauno Ritola confirms that RL Tajik/Uzbek have gone from SW effective with the B22 schedule. (British DX Club)

5085, WTWW, QSL in 4 weeks for e-report to: email@wtww.us v/s Holly Randall. (Artur Fernández Llorella-Spain/DX Fanzine)

15770, The Mighty KBC via Okeechobee, F/D QSL card in 8 days, for e-report and 2 Euro by Paypal to the following e-mail address: themightykbc@gmail.com. (Jürgen Waga-Germany/DX Fanzine)

UZBEKISTAN Bible Voice Broadcasting Program Schedule Summer. Programmers love to hear from you directly. Please send your reports to mail@bvbroadcasting.org or mail to BVB, PO Box 95561, Newmarket, ON L3Y 8J8, Canada.

Bible Voice Broadcasting Program Schedule Summer - Tashkent
11590 at 1300-1330 in Korean
17670 at 1230-1245 in Bahasa Sunday (Bible Voice Direct)

VANUATU Radio Vanuatu's presence on shortwave has been a bit haphazard over the past few days (early March), but perhaps understandable after the devastating tropical cyclones they experienced recently. Over the past few days I had noticed carriers on 3945 (+ harmonics), 5040 or 7260 at one time or another with no audio, although had also heard audio from RV clearly at other times. (Tony Rogers-UK, 15 March/British DX Club)

7260, Radio Vanuatu, 0650 till cut off at 0658:52*, on April 8; fair reception. (Ron Howard-CA, wwdxc BC-DX TopNews April 8)

11835 (3rd harmonic of 3945), Radio Vanuatu, *0659+, April 8. Another entertaining reception: 0700-0711 - Time check (6 o'clock); news/sports/weather in Bislama. Was able to understand just about every news item. 0711+ - As it is Easter weekend, mostly non-stop religious (Christian) songs in English. 0744 - Promo in English for the University of the South Pacific's courses in French. (Ron Howard-CA, wwdxc BC-DX TopNews April 8)

VATICAN A23 schedule for Vatican Radio broadcasts in English:

1130-1200 Friday 15595-smg 17790-smg (Mass)
1615-1630 Daily 15595-smg
1630-1700 Daily 13830-mdc 15565-smg
2000-2030 Daily 9705-smg 11825-smg (HFCC/British DX Club)

VENEZUELA (or COLOMBIA) 4940, Unknown relaying Fuerza de Paz, 0548-0610, 05-04, Spanish, religious comments. 15321. (Manuel Mendez-Spain/Hard Core DX)

VIETNAM Voice of Vietnam (VOV World) (Gov) Summer Schedule 2023 in English:

1000-1030 daily 9840vni
1130-1200 daily 9840vni, 12020vni
1230-1300 daily 9840vni
1330-1400 daily 9840vni, 12020vni
1500-1530 daily 9840vni
1600-1630 daily 9730vni, 11885vni
1600-1630 daily 7220vni
1900-1930 daily 9730vni, 11885vni
2030-2100 daily 7220vni
2130-2200 daily 9730vni, 11885vni
2330-2400 daily As 9840vni (WRTH Update)

9840, Voice of Vietnam (Sontay) at 1330 in English, welcome, program lineup, news. Very good but some over modulation distortion, //12020 also very good, Apr. 7. (Harold Sellers-BC/DXplorer)

ZAMBIA Voice of Hope Africa has problems with one of its transmitters. Ray Robinson confirmed this when asked about the absence of the mission's transmitter on 11680 in the morning and 6065 in the evening. These frequencies are intended for long range use. According to Robinson, 9680 or 4965 cover Africa south of the equator very reliably. On the website you can also find the broadcast schedule published on 1 November:

0400-0800 9680 11680 for South and West Africa
1200-1400 9680 for East Africa: Swahili
1400-1600 6065 9680 for South and West Africa: English
1600-2100 4965 6065 for South and West Africa: English (via Dr Hansjörg Biener/British DX Club)

ZANZIBAR Zanzibar Broadcasting Corporation (Pub) Summer Schedule 2023

0330-0600 daily 6015dol (i) Swahili
1500-2100 daily 11735dol (i) Swahili (WRTH Update)

Schedules, news and other information about shortwave broadcasting activity can be sent 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

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. Missing issue emails go to missing-issues@naswa.net. Thanks!



Pirate Radio Report

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

Hello everyone and welcome to the May 2023 edition of the Pirate Radio Report.

Easter weekend found Dr. Benway and Undercover Radio airing new shows from Alan Maxwell and KIPM. It's been good to hear Alan Maxwell back on the air with so much new content! Cloudsplitter Radio relayed a couple classic WBNY shows featuring Commander Bunny. Wolverine Radio & WDDR-Drunken DJ Radio, entertained us with another marathon broadcast, WAIR (All-Indie Radio) was heard broadcasting their 20th anniversary show.

Relays of classic pirate broadcasters brought to us by the folks from NAPRS (North American Pirate Radio Relay Service) included; Radio Titanic International, KAT, Grass Cutter & Sunshine, WORK & WEED.

Crapola Radio, Foxy AM, Captain Morgan Shortwave, Thunder Chicken Radio, Doghouse Radio, Ion Radio, Radio 48, 77LJS, Mix Radio International and Radio Free Whatever kept us busy throughout the month as well.

Andrew Yoder's Hobby Broadcasting Radio continues the third Thursday of every month at 0400 UTC on WBCQ 5160 kHz, with interviews, news, information and audio clips of selected personalities in the free-radio community. This show is always informative and entertaining. Don't miss it!

Many thanks to this month's contributors: Glenn Hauser, Greg Majewski, Bill Montney,

Gianni Serra and Mark Taylor for their support.



5800-AM, PIRATE-EUROPE. **RADIO CONTIKENZO**. 2038, 04-06-23. In Dutch, playing rock, folk, funk, country pop songs (Michael Jackson, Shania Twain's Man, I feel like a woman, etc) fair/almost fair at times (Serra-Italy)

5879.96-AM, PIRATE-EUROPE. **RADIO ROCK REVOLUTION**. 2041, 03-23-23, playing rock and hard rock songs, DJ brief talk and ID w/ hoarse voice at times after a track; poor (Serra-Italy)

6204.94-AM, PIRATE-EUROPE. **TECHNICAL MAN**. 1920, 03-18-23, playing pop, rock, songs (The Pretenders' I'll stand by you), and one lively LA ballad, DJ talk slowly after first track; Good (Serra-Italy)

6204.96-AM, PIRATE-EUROPE. **RADIO SIXTY**. 1721, 04-18-23, In English and German, playing various kind of rock and hard rock songs, man ID and brief announcement in English. ID at 1745 (This Radio Sixty), good w/ loud audio (Serra-Italy)

6297.02-AM, PIRATE-EUROPE. **RADIO ZENDER AKENZO**, in Dutch, 1815, 03-30-23, playing folk songs, one disco pop and pop songs. Almost fair (Serra-Italy)

6300-AM, PIRATE-EUROPE. **JOHNNY TOBACCO**. 1850, 04-07-23, playing slow mellow, folk, oldie songs, w/ man dj talk at times with ID (...This is Johnny Tobacco and goodbye) fair. (Serra-Italy)

6852-USB, PIRATE-NA. **RADIO 48 via MIX RADIO INTL**. 2343, 04-23-23, A show of classic rock songs that were remixed. A good signal until about 0115 and started to fade severely. (Majewski-CT)

6915-USB, PIRATE-NA. **CRAPOLA RADIO**. 0001, 04-10-23, ``what condition my condition was in``; interspersed with W&M voice dialogs, about paying for transmitter; new sponsor: Life Alert, faux commercial ``I've fallen and can't get up``, vs auto phone reply, your waiting time is: 4 hours, etc. Haha. ``You are listening to Crapola Radio, shortwave pirate, all free, all the time. S9/+10 (Hauser-OK)

6925-USB, PIRATE-NA. **PIGS KNUCKLES RADIO**. 0156, 03-20-23, Sign on w/ "White Horse" - Laid Back, "A virus takes hold", silly voice, "The mighty Quinn", Pigs Knuckles does intro and talks a while into a program of a song then some talk and another song. Fair. (Taylor-WI)

6925-USB, PIRATE-NA. **WMPQ**. 0302, 03-20-23, light vocals and bagpipes alternated then into a program of non - English songs, voice clips, and SSTV IDs. Fair. (Taylor-WI)

6925-USB, PIRATE-NA. **MYSTERY SCIENCE RADIO**. 2349, 03-26-23, A show of nice music, which I did not know. Fair Signal (Majewski-CT)

6925-USB, PIRATE-NA. **GLEN CAMPBELL RADIO**. 2256, 03-27-23, A show of Glen Campbell songs. Good Signal (Majewski-CT)

6925-USB, PIRATE-NA. **YEAH MAN RADIO**. 2317, 03-31-23, this was a show for his friend Jimmy Crack Corn, who had passed. It was a solid gold million-dollar weekend of sixties and seventies pop music. Nice show with shout outs to the HF Underground posters. Good signal (Majewski-CT)

6925-USB, PIRATE-NA. **ONE DOG RADIO**. 2328, 04-01-23, "Fools", SSTV (dog next to a cup and chair? Illegible red lettering on bottom. Poor decode w/ lightning QRN), "Everybody wants some" all Van Halen, SSTV ("One Dog Radio" w/ a dog looking at a computer screen) (Taylor-WI)

6925-USB, PIRATE-NA. **KNOB**. 0005, 04-02-23, ID into a parody documentary of the "living legends" of "The Rutles" Very good signal. (Taylor-WI) 0014, 04-02-23, A show of Beatles parody songs by the Rutles. Fair Signal (Majewski-CT)

6925-USB, PIRATE-NA. **RADIO FRANZ SCHUBERT**. 0235 - 0320, 04-02-23, Music the classical composer; Franz Peter Schubert. OM w/ID "This is Radio Franz Schubert". Decent signal S7. (Penney-MA)

6925-AM, PIRATE-NA. **GEORGE CARLIN RADIO**. 2312, 04-15-23, George Carlin comedy about baby boomers. There was no real ID announced, but this is how it was identified on HF Underground. Good Signal (Majewski-CT)

6925-AM, PIRATE-NA. **B-SIDE RADIO**. 0250, 04-18-23, fair. OM anncr w/"Wishing everyone a wonderful evening here on B-Side Radio, let's hear from Miles Davis and "Walkin" (Montney-MI)

6925-USB, PIRATE-NA. **KIPM** via UNDERCOVER RADIO. 0021, 04-19-23, Alan Maxwell with intro and KIPM opening, monologue with theme of "pirate radio operators" - including a section about the secret society of pirate broadcasters, Fair to good. (Taylor-WI), 0028, 04-19-23, Good Signal (Majewski-CT)

6925-USB, PIRATE-NA. **DOG HOUSE RADIO**. 0145, 04-19-23, Metal, including "In the Meantime" - Spacehog and "Alcoholin' Ass" - HELLYEA, SSTV (drawing of a dog house with "Dog House Radio"), off. Poor. (Taylor-WI)

6925-USB, PIRATE-NA. **NUTTIN' ON SW**. 2315 - 0011, 04-20-23, Da Crusha with music selections from AC/DC, The Meters & others, shout-outs to HFU posters and couple comedy sketches. Great signal. S9. (Penney-MA)

6925-USB, PIRATE-NA. **FUBAR RADIO**. 0122, 04-23-23, A show of classic rock tunes and radio ads. The announcer audio had a bit of hum in it. The songs were cut short. Fair Signal. (Majewski-CT), 0114, 04-23-23, good. (Montney-MI)

6925-USB, PIRATE-NA. **77LJS**. 2330 - 2342, 04-25-23, OM with commentary about the GRU spy recruitment procedure. Good Signal. S8. (Penney-MA)

6925.3-AM, PIRATE-NA, **ELK COUNTRY RADIO**. 0044, 03-29-23, "Six o'clock rush" "Walk with me"- Track Tribe, ID, SSTV (drawing of an Elk on back legs "Elk Country Radio"), Fair. (Taylor-WI) 0032, 03-20-23, Fair (Montney-MI)

6930-USB, PIRATE-NA. **CLOUDSPLITTER RADIO**. 2215, 03-21-23, fair. On-going mx from Elton John w/ "Jamaica Jerk-Off," "One of Us" next by Joan Osborn, Chumbawamba w/ "Tub Thumping", OM w/ ID, heard Jerry

Reed next w/ "East Bound and Down," (Montney-MI)

6930-USB, PIRATE-NA. **PISS-ANT RADIO**. 0351, 04-22-23, Bits of music, sounds, sfx, indistinct OM talking, about 0400 started music mostly 80's including Neil Young. SSTV (drawing of an ant with "Piss-Ant Radio" and at end ("Leeroy")), off. (Taylor-WI)

6933-USB, PIRATE-NA. **EASTER EGG ROLL**. 2359, 04-09-23, Zekey doing an Easter show. Fair Signal (Majewski-CT), 2255, 04-09-23, good. (Montney-MI)

6935-USB, PIRATE-NA. **WKFC**. 2120 - 2136, 04-02-23, Classic Kentucky Fried Chicken commercial w/out-takes. Songs about KFC chicken, then abruptly off. OM/ID. Good Signal. S8. (Penney-MA)

6935-AM, PIRATE-NA. **VOICE OF THE DEAD**. 0008, 04-06-23. This was an interesting show tunes done by people who have passed away. The announcer was the Dead Guy. Fair signal (Majewski-CT),

6935-AM, PIRATE-NA. **RADIO TITANIC INT**. (relay). 2322, 04-15-23, Music and talk. Most songs were cut short. Received an eQSL card for my post on HF Underground (Thank you). This was a relay by North American Pirate Radio Relay Service (NAPRS). Fair Signal (Majewski-CT)

6935-AM, PIRATE-NA. **KAT** (relay). 0028, 04-20-23, A show from Kappa Alpha Tau of the University of Wisconsin. Started with classical music and into tunes by Grateful Dead. Played some comedy bits. Fair Signal (Majewski-CT)

6935-USB, PIRATE-NA. **CLOUDSPLITTER RADIO**. 2322, 04-23-23, The final episode of Voyage, they got to Mars by BBC Radio 4. Fair Signal. (Majewski-CT)

6949.91-AM, PIRATE-NA. **ACID**. 0157, 04-19-23, "The Trip"- The Fire Escape, "They're coming to take me away" / "I'm happy they took you away" - Napoleon XIV, "The Trip" - Kim Fowley, monologue about reality, the mind & hallucinogenic drugs. Good. (Taylor-WI)

6950-AM, PIRATE-NA. **CAPTAIN MORGAN SHORTWAVE**. 2356, 04-02-23, A nice show of blues music. Poor signal made it hard to listen. (Majewski-CT)

6950-USB, PIRATE-NA. **DILLIGAF RADIO**. 0149, 04-03-23, fair. Just catching end of SSTV. Buckethead w/ "The Other Side Of the Dark," SSTV w/ biker and ID. (Montney-MI)

6950-USB, PIRATE-NA. **WOLVERINE RADIO**. 0000, 04-09-23, A show of popular music thru time. Had a technical problem with the audio at 0005, then back 0021. At 0114 went into a show by WDDR (Drunken DJ Radio). Good signal (Majewski-CT)

6950-USB, PIRATE-NA. **RADIO 1700**. 2258, 04-09-23, easy sounding music to listen too. Good Signal (Majewski-CT)

6950-USB, PIRATE-NA. **WTF RADIO WORLD WIDE**. 0128, 04-16-23, Program of Creedence Clearwater Revival music.. Fair signal (Taylor-WI), 0153, 04-16-23. Fair. (Montney-MI)

6950-USB, PIRATE-NA. **RADIO FREE WHATEVER**. 2310, 04-16-23, good. Catching DJ Dickweed going-off about a tech issue (can't play mx (?) Mx on: Anabelle w/ "Candy Apple Red," DJ w/ ID. More mx: Roy Kapra

w/"Preacher," DJ again comments about histech issues (blah blah blah). (Montney-MI), 2345, 04-16-23, (Taylor-WI)

6950-USB, PIRATE-NA. **SYCKO RADIO**. 0116, 04-20-23, good. Anncr w/ID and "good evening everybody," Mx: CloudWarmer w/"After the Sun Goes Down,". Anncr back ID and wishes himself a Happy B'Day. (Montney-MI)

6955-AM, PIRATE-NA, **ION RADIO**. 2229, 04-18-23, fair/fades. Hearing YL w/"You look pretty, but there is so much more" (repeated). Mx: Tin Mixer w/"Life," ID next, the Kinks follow "Everybody A Star." Anncr w/ "Hello radio land, Ion Radio here." (Montney-MI)

6955-USB, PIRATE-NA. **WAIR**. 2322, 04-18-23, WAIR, or "All Indie Radio" with Robert T. Eyebrow as DJ. Played the Mekongs and a few others. This was the 20th anniversary broadcast. Good Signal (Majewski-CT)

6960-AM, PIRATE-NA. **BALLSMACKER RADIO**. 0124, 04-22-23, "L.A. Woman" - The Doors, "California Dreamin'" - The Mamas and the Papas", ID, "Monterey" - Eric Burdon & the Animals. Signal getting noisy to the point where I pulled the plug. Poor with significant lightning (Taylor-WI), 0104, 04-22-23, Fair/Good Signal (Majewski-CT)

7320-AM, PIRATE-NA. **RADIO VOSTOCHNAYA ZVEZDA**. 0642, 04-07-23 Russian song, S8/S9 (Hauser-OK) 0644, 04-06-23, music at S5/S7, presumed SW USA, NV? (Hauser-OK)

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.

Member	Equipment	Column
Greg MAJEWSKI , Oakdale, CT		P
Mark TAYLOR , Madison, WI		N,P
Rich D'ANGELO , Wyomissing, PA		L
Vince HENLEY , Anacortes, WA		L
Eric BUENEMAN , Hazelwood, MO		L
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Bob WILKNER , Pompano Beach, FL		LN

Equipment is listed only for new contributors. A year-end summary of all contributors, including their equipment, will be published in the December e-Journal.

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.



Loggings

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- 4775 **PERU Radio Tarma** – Tarma, 0012-0039 Apr 9, nice program of Peruvian vocals hosted by a man announcer with Spanish language talks, station IDs and announcements. Poor signal. (D'Angelo-PA)
- 4940 **COLOMBIA (or VENEZUELA) Fuerza de Paz Radio** (presumed), 0325-0420 Apr 9, nice musical program hosted by a man announcer with Spanish language talks but no station IDs noted pr location announcements as this station continues to baffle listeners. Apparent station ID at 0405 with mention of "onda corta" prior to more vocals. Poor to fair. (D'Angelo-PA)
- 5850 **UNITED STATES WRMI** Okeechobee, FL 0145-0200 Mike's Bluegrass Gospel; Carl Story and the Rambling Mountaineers "I Found a Hiding Place," Stanley Brothers & others; same songs as for several previous weeks on 9955 and repeated on 5850 at this time 27 March and 3 April; fair+ 3/20 (Prodan-ME)
- 5910 **COLOMBIA Alcaravan Radio** – Puerto Lleras, 0443-0520 Apr 15, non-stop religious vocal selections until a brief station ID by a man announcer and quick Spanish language announcements before resuming vocals. Poor to fair. (D'Angelo-PA)
- 5910 **ROMANIA Radio Romania Intl** Romanian 0203-10 f Ann; very good 3/7 (Prodan-ME)
- 5940 **BRASIL Radio Voz Missionaria** Portuguese 2310-0005 m & f Ann, songs Corazon Hallelujah and m preacher after to; fair 3/29 (Prodan-ME)
- 5940 **BRAZIL Radio Voz Missionária** - Camboriú, SC, 0238-0305 Mar 19, tuned in to a long religious talk in the Portuguese language by a man announcer. Fair signal but //9665 was poor to fair. (D'Angelo-PA)
- 5960 **KUWAIT Radio Kuwait** via Kabd – 3/28 0507 noted with Middle Eastern pop music and announcements in Arabic. SIO 323. (Bueneman-MO)
- 5990 **CUBA China Radio Intl** 0015- 25 Chinese songs, f singer; m & f dialog in Spanish; fair 4/6 (Prodan-ME)
- 5995 **MALI Radiodiffusion TV du Mali** – Bamako, 2342-0005* Mar 17, popular music vocals until conversation by a man and woman announcers in French language began. Carrier terminated slightly later than usual tonight. Poor to fair signal. (D'Angelo-PA)
- 6000 **CUBA Radio Habana** Cuba English 0121-0140 Music with a Message Chilean music from 1971-73; fair-good 3/26 (Prodan-ME)
- 6100 **CUBA. Radio Habana Cuba** 6100, April 24 at 0630, RHC English still on proper frequency, during extreme propagation disturbance, but unusual flutter on S9/+10 signal, and some `rumble`, unclear source of that. Something's always wrong at RHC (Glenn Hauser, OK)
- 6155 **AUSTRIA ORF1** via Moosbrunn – 3/28 0515 noted with commentary in German. SIO 333. (Bueneman-MO)

- 6170 **ASCENSION ISLAND *Voice of America*** relay – 3/25 0511 noted with African pop music and commentary in Hausa. SIO 333. (Bueneman-MO)
- 6175 **BOTSWANA *Voice of America*** Studio 7 via Moepeng Hill – 3/24 0433 noted with commentary in Ndebele. SIO 434. (Bueneman-MO)
- 6180 **BRAZIL *Radio Nacional da Amazônia*** ZYE365 Brasilia, DF – 3/22 0759 noted with ID, frequencies and promos in Portuguese. SIO 555. (Bueneman-MO)
- 6754 **CANADA. *Trenton Military*** with usual VOLMEUSB, April 14 at 0336, S9+15, CHR, Trenton Military with usual VOLMET, including lots of ``no report received`` from Italy et al. Now giving own time checks only 4 minutes slow instead of 64, e.g. ``0335Z`` at 0339. I suppose extra hour resulted from DST/non-confusion. The correction first reported by Ricky Leong, Calgary at 0549 April 10 (Glenn Hauser, OK)
- 7315 **SOUTH SUDAN *Radio Tamazuj***. The signal is spread from 7.315 to 7.320, but WRTH lists it as 7.315. Tonight's reception revealed that 7.315 is the strongest point (Center) of the signal. Very strong and clear signal, lots of commentary split up by musical interludes of few seconds. Clear ID at 0430hrs with Male announcer singing "radio Tamazuj" three times. SINPO is 5555 across the board! (Kelly)
- 7390 **NEW ZEALAND RNZI** at 1400. News by man, leading with arrest warrant issued for Vladimir Putin for war crimes by an Int'l court, regarding the forced deportation of thousands of children. -- Excellent 3/18 (Barton-AZ)
- 7410 **CHINA *China Radio Int'l*** in JJ to East Asia. April 20, 2023, 1538 – 1550. SIO 444. POP MX. YL performer. More POP MX follows. (Henley, WA)
- 7410 **CHINA *China Radio Int'l*** in JJ to FE. April 8, 2023, 1512 – 1520. SIO 444. YL announcer, MX, and slow, deliberate talk in JJ. More MX clips follow. Long monologues, ethnic MX clips. CC / JJ language lesson. Good signal, listenable. (Henley, WA)
- 7440 **NEW ZEALAND RNZ** to Oceania in EE. April 15, 2023, 1519 – 1531. SIO 343. Folk MX. YL singer, OM announcer, substituting for regular YL announcer today. More MX follows. Moderate QRN / QSB. Listenable. News cast toward BOH. (Henley, WA)
- 7440 **NEW ZEALAND RNZ *Pacific*** in EE to Oceania. April 8, 2023, 1444 – 1452. SIO 444.. Talk of the loss of culturally significant sites and forestlands. (Henley, WA)
- 7480 **PHILIPPINES *Voice of America*** in CC via Tinang to FE. April 8, 2023, 1437 – 1444. SIO 333. Mixed OM / YL announcers, MX, and talk in Mandarin. Long monologues, interviews / commentary. Listenable. (Henley, WA)
- 9435 **NORTH KOREA *Voice of Korea*** 1320. News, a lot of talk of construction in DPRK. Everything is fine and they are building stuff. Audio less muddy than usual, whole bx much easier to understand this session -- Very Good 3/17 (Barton-AZ)
- 9455 **UNITED STATES *WRMI*** in EE to Central America. April 23, 2023, 0445 – 0452. SIO 323. MX. Elton John songs. Heavy QRN, difficult listening. Via Okeechobee, FL. POP MX continues, but the signal is overall poor. (Henley, WA)
- 9664 **BRAZIL *R. Voz Missionária***. 9664.411, April 15 at 0623, S9/+15 with good musical modulation, R. Voz Missionária has been way off frequency again for several nights, so I finally measure it direct. Gary Pence also reports: ``9664.408 as of 0814z 4/15/23 rSDR Utah East Ant`` (Glenn Hauser, OK)
- 9675 **CHINA *China Radio Int'l*** in EE to South Asia. April 10, 2023, 1522 – 1528. SIO 232. OM / YL conversation. Talk of Chinese popular culture. Heavy QRN, slight QSB. (Henley, WA)

- 9800 ALASKA KNLS** religious broadcast in RR. April 5, 2023, 1537 – 1551. SIO 555. MX. OM announcer in RR with homily or religious message. Target is FE. ID and contact information given in RR. Announcer switch at 1540. Talk in EE with RR translation. Long monologue in RR. QRN increasing as sun rises here. QSB is becoming steeper. (Henley, WA)
- 9965 PALAU Hope Radio T8WH** Medorm – 3/31 0830 noted with station information and “Hope Radio” ID in English into Christian teaching program in Chinese. SIO 444. (Bueneman-MO)
- 10000 UNITED STATES. WWV** standard time and frequency broadcast in EE. April 10, 2023, 1454 – 1457. SIO 444. From Fort Collins CO. Moderate QRN. Listenable. (Henley, WA)
- 11600 PHILIPPINES FEBC/R Liangyou** 1320, vocal music, M in (listed) Hui, familiar FEBC tuning signal, then bx in (listed) Yunnan -- Excellent 3.16 (Barton-AZ)
- 11660 PHILIPPINES Voice of America** relay Tinang – 3/1 1325 noted with news analysis and commentary in Chinese. SIO 545. (Bueneman-MO)
- 11675 CHINA China Radio Int’l** in EE to Pakistan. April 11, 2023, 1439 – 1444. SIO 333. Mixed OM / YL announcers. Chinese popular culture program. Moderate QRN / QSB. Still discussing the need for people to be farming, producing food, instead of being in cities or in technical occupations. Round-table discussion of how to achieve that objective. (Henley, WA)
- 11710 NORTH KOREA Voice of Korea** in EE to NAM. April 15, 2023, 1503 – 1513. SIO 333. Mixed OM / YL announcers. Martial MX, with mixed choir. (Henley, WA)
- 11710 NORTH KOREA Voice of Korea** in EE to NAM. April 4, 2023, 1532 – 1540. SIO 333. YL announcer, MX, talk and commentary with a healthy dose of propaganda. ID as “Voice of Korea.” Orchestral MX follows ID, with a men’s chorus. (Henley, WA)
- 11725 NEW ZEALAND Radio New Zealand International** – Ranghaiki, 1216-1258* Apr 9, woman announcer talking about various movies with brief audio clips and short interviews. A man announcer began hosting a music program at 1245 starting with Gladys Knight and the Pips, frequent time checks (“nine minutes to one”) up until the carrier was terminated. Good signal. (D’Angelo-PA)
- 11745 SAUDI ARABIA Radio Al-Azm** – Jeddah, 0018-0122 Apr 2, non-stop vocal selections until a woman announcer spoke in the Arabic language with talks and announcements. Another vocal selection followed by a long talk by a man and woman announcers. The talk continued until 0107 when vocals were heard once again. Fair to good signal. (D’Angelo-PA)
- 11775 CLANDESTINE Sound of Hope Radio** – 3/1 1320 noted with commentary in Chinese. SIO 333. (Bueneman-MO)
- 11780 BRAZIL Radio Nacional da Amazonia** in PP domestic broadcast. April 15, 2023, 2241 – 2250. SIO 333. Brazilian MX, multiple performers. Noisy signal, but listenable. OM announcer between Brazilian POP MX songs. (Henley, WA)
- 11790 CHINA China Radio Int’l** – Xian, 233202356* Mar 30, two men announcers in lively English language discussion about the Chinese economy. The program went off mid-sentence at 2356 when the carrier was terminated. Poor to fair. (D’Angelo-PA)
- 11815 BRASIL Radio Brasil Central** Portuguese 0221-0224 operatic singing m & f; fair-3/7 (Prodan-ME)
- 11815 JAPAN. NHK Radio Japan** in Burmese to SEA. April 10, 2023, 1447 – 1453. SIO 444. OM / YL announcers. Good signal, moderate QRN / QSB. Background MX. ID

- given in Burmese with contact information. Interval MX begins at 1450. (Henley, WA)
- 11815 BRAZIL Radio Brasil Central** – Goiania, 0043-0118 Mar 30, long talk by a man and woman announcers in the Portuguese language. At 0059, a man announcer gave the station ID and some announcements before a popular music program commenced with Credence Clearwater Revival’s “Have You Ever Seen Rain” leading off the music parade. Fair to good signal. (D’Angelo-PA)
- 11815 BRAZIL Radio Brasil Central** – Goiânia, 0035-0122 Apr 22, non-stop popular music program with a man announcer at 0102 providing station ID and announcements followed by more music. Fair signal. (D’Angelo-PA)
- 11815 JAPAN NHK World Radio Japan** at 1400. Male Ann w/ newscast, leading with RoK Korea and US not being intimidated by new barrage of DPRK missile launches -- Very Good 3/27 (Barton-AZ)
- 11820 ROMANIA Radio Romania Int’l** – Galbeni, 2052-2057* Mar 16, Romanian popular music selection followed by a man announcer with closing station ID and announcements in the Romanian language. Carrier terminated at 2057. Fair to good signal. (D’Angelo-PA)
- 11825 AUSTRALIA Reach beyond Australia** in Burmese. April 5, 2023, 1519 – 1530. SIO 444. YL announcer, minor QRN / QSB. Easy listening, probable target is SEA. Multiple YLs in conversation or commentary. MX clips. EE at 1525 with OM and short sermon or religious message. ID in EE at 1530 BOH. Off the air at 1530. (Henley, WA)
- 11850 CUBA Radio Havana Cuba** in SS to Chile. April 23, 2023, 0433 – 0438. SIO 322. Badly distorted audio. YL singer of Jazz MX. Poor listening. The heavy distortion makes it almost unlistenable. OM announcer between song attempts. (Henley, WA)
- 11855 CHINA China Radio Int’l** – Urumqi, 2203-2237 Apr 8, a man announcer with Spanish language talks alternating with a woman announcer hosting a program of vocal selections. Fair signal. (D’Angelo-PA)
- 11875 FRANCE Radio France Int’l** via Issoudun – 3/22 0753 noted with commentary in Fulani. SIO 323. (Bueneman-MO)
- 11875 CHINA China Radio Int’l** – Beijing, 0032-0054* Apr 7, man announcer speaking in the listed Mongolian language with the carrier being terminated mid-sentence. Poor and rapidly fading signal. (D’Angelo-PA)
- 11880 UNITED STATES KBS World Radio** – Greenville, *0056-0200* Apr 7, open carrier noted until opening at 0059 with instrumental music and a man announcer with Spanish language ID followed by English station ID (“KBS World Radio”) and multiple other language station IDs. Another English station ID noted at 0031 with closing announcements at 0159. Good signal. (D’Angelo-PA)
- 11930 UNITED STATES Radio Marti** in SS to Cuba via Greenville, NC. April 15, 2023, 2235 – 2239. SIO 444. Various OMs in conversation / debate. Moderate QRN / QSB. Listenable. (Henley, WA)
- 11945 ROMANIA Radio Romania Intl** Romanian 0013-21 f then m ann, sta ID, heard “joint venture” then sports & song; very good 3/29 (Prodan-ME)
- 11950 KUWAIT Radio Free Asia** Tibetan? 0215-18 f Ann, some music; faint 3/7 (Prodan-ME)

- 11995 **KUWAIT Radio Free Asia** – Umm al-Rimam, 0146-0200* Apr 16, woman announcer with long talk in the listed Uyghur language followed by flute music until carrier was terminated. Poor signal. (D’Angelo-PA)
- 12000 **CUBA Radio Habana Cuba** English 0210-15 news, protests in Greece about rail disaster; fair 3/7 (Prodan-ME)
- 12005 **GERMANY Radio Farda** via Biblis – 3/22 0750 noted with commentary and pop music in Farsi. SIO 323. (Bueneman-MO)
- 12025 **SINGAPORE BBC WS** at 1610, news magazine in progress, mostly about war - errr! - "The special military operation" - in Ukraine. The Beeb was here last year for A-22, and so it is again for A-23. -- Good 3/26 (Barton-AZ)
- 12025 **SINGAPORE BBC World Service** via Kranji to ME. April 4, 2023, 1522 – 1530. SIO 333. Talk of NATO and more countries seeking to join after the Russian invasion of Ukraine. Call – in question-and-answer program. (Henley, WA)
- 12035 **GERMANY Radio Farda** via Lampertheim – 3/23 0553 noted with commentary in Farsi into Middle Eastern pop music. SIO 323. (Bueneman-MO)
- 12035 **THAILAND Voice of America** Deewa Radio in Pashto to Afghanistan, via Udon Thani. April 15, 2023, 1448 – 1457. SIO 333. Mixed YL / OM announcers. MX clips between news / commentary items. (Henley, WA)
- 12045 **THAILAND Voice of America** in KK via Udon Thani to FE. April 10, 2023, 1441 – 1445. SIO 433. Mixed announcers with talk and commentary. Audio and MX clips. Listenable. (Henley, WA)
- 12045 **THAILAND Voice of America** in KK to FE via Udon Thani. April 15, 2023, 1441 – 1447. SIO 444. YLs in animated conversation, some humor. (Henley, WA)
- 12045 **THAILAND Voice of America** in KK to FE via Udon Thani. April 8, 2023, 1426 – 1433. SIO 555. POP MX and talk. YL announcer with a jazzy version of “I could have danced all night” from My Fair Lady. More jazz and POP MX follows. (Henley, WA)
- 12050 **UNITED STATES WEWN EWTN Catholic Radio** in SS to Latin America. April 15, 2023, 2228 – 2233. SIO 333. Various OM / YL speakers on Catholic religious matters. MX with YL singer. Noisy signal, listenable with difficulty. Multiple OM / YL speakers in SS. (Henley, WA)
- 12080 **PHILIPPINES Voice of America** in KK to FE via Tinang. April 10, 2023, 1435 – 1440. SIO 444. Mixed OM / YL announcers in conversation or debate. Some audio clips in EE. Listenable but with increasing QRN and steepening QSB. (Henley, WA)
- 12080 **PHILIPPINES Voice of America** in KK to FE via Tinang. April 15, 2023, 1433 – 1440. SIO 444. YL announcer with a long monologue. POP MX clips with YL performers. YL announcer returns after MX song ends. (Henley, WA)
- 12080 **PHILIPPINES Voice of America** in KK to FE. April 4, 2023, 1451 – 1501. SIO 444. VOA via Tinang. OM announcers, target is FE. ID as VOA. Good signal, minor QRN, shallow QSB. Easy listening. YL joins at 1459. OM with ID and signoff with Yankee Doodle theme at TOH. Carrier gone at 1501. (Henley, WA)
- 12095 **OMAN BBC WS** in EE to ME via A’Seela. April 23, 2023, 0428 – 0432. SIO 222.
- 12095 **UZBEKISTAN IBRA Radio** – Tashkent, 0003-0028* Apr 22, male vocal selection followed by a radio play in the listed Bangla language. At 0024, a woman announcer gave contact information followed by a female vocal selection until the carrier was terminated. Fair signal. (D’Angelo-PA)

- 12140 NORTHERN MARIANAS *Radio Free Asia***. April 17, 2023, 1447 – 1458. SIO 333. In Khmer via Tinian. Listed target is SEA. Mixed OM / YL announcers. Moderate QRN / QSB. MX clips. Off the air at 1458. (Henley, WA)
- 13610 CHINA *CGTN Radio/CRI*** via Xiamen – 3/22 0748 noted with commentary in Cantonese. SIO 323. (Bueneman-MO)
- 13640 CHINA. *China Radio Int'l*** in JJ to FE. April 15, 2023, 2210 – 2216. SIO 444. Multiple YL announcers in JJ. Good signal with minor QRN / QSB. Easy listening. CRI likely broadcast from the Jinhua site. (Henley, WA)
- 13670 TAIWAN (tentative) *Clandestine, "Sound of Hope Radio"*** April 15, 2023, 1427 – 1432. SIO 444. Multiple OMs in animated conversation. Clandestine / opposition, likely broadcast from Taiwan to FE. (Henley, WA)
- 13670 MADAGASCAR *R Feda*** 1930. Talk by W in Arabic, some ME music, ID by M at 1950. -- Fair to Good 3/18 (Barton-AZ) \
- 13690 ARMENIA (Tentative) *Trans World Radio*** in EE via Gavar. April 10, 2023, 1416 – 1434. SIO 333. YL with long monologue in EE. Heavy QRN, steep QSB. Religious broadcast with target of South Asia. Listenable with difficulty. MX, choral singing. OM joins at 1430. OM with ID in EE. OM with homily / sermon follows. YL rejoins at 1433. (Henley, WA)
- 13710 CHINA *China Radio Int'l*** in EE to EU. April 17, 2023, 1440 – 1446. SIO 434. YL talking about Chinese living conditions and the climate impact. Long monologue. Discussion and program items about Chinese popular culture. Moderate QRN, shallow QSB. (Henley, WA)
- 13710 CHINA *China Radio Int'l*** in EE to Europe. April 4, 2023, 1442 – 1450. SIO 434. Two YLs in conversation / interview. Talk of the "danger" of technology in the "wrong" hands. Focus on AI causing the loss of jobs. Much Chinese propaganda here. Noisy signal, heavy QRN. (Henley, WA)
- 13710 CHINA *China Radio Int'l*** to EU in EE with a farm discussion. April 8, 2023, 1417 – 1424. SIO 555. YL host, talk of modern farming and the drive to attract younger people back to the rural farms and applying modern techniques to growing food. Long monologues in a round-table discussion. (Henley, WA)
- 13735 TAIWAN *RTI*** 0005, M in (listed) Thai. Familiar RTI musical jingle at 0030 and into a program with man and woman co-hosts -- Fair to Good 3/19 (Barton-AZ) \
- 13750 THAILAND *Radio Thailand*** – Udon Thani, *2357-0029* Mar 16, open carrier followed by time pips, group vocals and a man announcer with opening in the English language announcing programs was from the Public Relations Department. After station, ID the English language news program commenced. Off mid-sentence. Poor to fair signal. (D'Angelo-PA)
- 13845 UNITED STATES *WWCR 3*** religious program in EE via Nashville, TN. April 15, 2023, 2217 – 2226. SIO 333. OM with heavy "fire and brimstone" sermon. Target is NAM. Noisy signal, MX hymn with solo YL performer. Different YL joins with homily at 2223. (Henley, WA)
- 13845 UNITED STATES *WWCR 3*** in EE to NAM. April. 4, 2023, 1436 – 1441. SIO 232. Recording of the late Brother Stair earlier in his career, with a sermon of fire, brimstone, and damnation. Poor, noisy signal, but listenable. Heavy QRN, steep QSB. (Henley, WA)
- 13860 JAPAN *Radio Japan*** via Yamato – 3/22 0745 noted with dramatic play in Japanese. SIO 434. (Bueneman-MO)

- 15050 **INDIA All India Radio** – Bengaluru, 0032-0115* Apr 16, woman announcer with Mandarin language talks hosting a program of Hindi vocals all the way to closing announcements and flute music closing at 0115. Very good signal at tune in but began fading around 0050. (D’Angelo-PA)
- 15105 **NORTH KOREA Voice of Korea** in FF to SEA. April 23, 2023, 0420 – 0425. SIO 333. OM announcer, noisy signal, rough copy. YL joins at 0421, orchestral martial MX follows. (Henley, WA)\
- 15130 **FRANCE NHK World Radio Japan** (via Issoudun relay) 2015. W in Japanese, fair right at first, then faded for duration -- Poor 3/15 (Barton-AZ)
- 15160 **CHINA China Radio Int’l** in CC / Cantonese to FE. April 23, 2023, 0413 – 0419. SIO 333. Chinese opera with various performers, with talk and singing. Raucous MX, loud instruments, shrill singing. Unpleasant listening. (Henley, WA)
- 15160 **ALGERIA Radio Algerienne** – Ourgla, 1921-2014 Apr 8, two men announcer conversing in the Arabic language hosting a program of vocal selection but later turned into recitations. Fair signal. (D’Angelo-PA)
- 15180 **NORTH KOREA Voice of Korea** in EE to Latin America. April 23, 2023, 0406 – 0412. SIO 333. YL announcer in EE. Men’s choral singing of martial MX. OM joins at 0408 with a discussion, and apparent praise, of Communism in Cuba. Noisy signal, bad audio distortion. (Henley, WA)
- 15200 **ROMANIA Radio Romania Int’l** – Galbeni, 1851-1921 Apr 22, Romanian popular music selection with time pips at 1900 followed by station ID and a woman announcer with the news in the Romanian language. Good signal. (D’Angelo-PA)
- 15200 **ROMANIA Radio Romania Int’l** – Galbeni, 1751-1827 Apr 15, nice program of Romanian vocal selections with a woman announcer with station ID at 1800 followed by more vocal selections. Fair to good signal. (D’Angelo-PA)
- 15310 **SRI LANKA AWR Asia** via Trincomalee – 3/12 0234 noted with Christian teaching in Dari. SIO 333. (Bueneman-M0)
- 15410 **CHINA China Radio Int’l** in CC to Europe. April 4, 2023, 1425 – 1434. SIO 444. Mixed announcers, OM / YL in Mandarin. Talk and MX clips. Good signal with moderate QRN / QSB. Listenable. (Henley, WA)
- 15410 **ALGERIA R Algerienne** Holy Qur’an at 2330. Long talk by M in Arabic, just above noise, then improving just bf midnight UT, w/ chanting, woman ann in Arabic - - Poor to Fair 3/19 (Barton-AZ)
- 15490 **ASCENSION ISLAND BBC** relay – 3/20 1940 noted with commentary in Hausa. SIO 323. (Bueneman-M0)
- 15555 **UNITED STATES WJHR** - Milton, FL, 1922-2011 Apr 22, man announcer (Tom Wallace) with English language bible thumping talk until station ID at 2002 with e-mail address (wjhr@usa.com) into another religious program. (D’Angelo-PA)
- 15565 **VATICAN STATE Vatican Radio** at 1545 playing a pop-like vocal music, M presenter in (listed) Amharic (Ethiopia) off after familiar Vatican tuning signal was repeated a cupla times. TX went off, then returned with tuning signal, reopening with W in Swahili (E. Africa) -- Very Good 3/27 (Barton-AZ)
- 15580 **BOTSWANA Voice of America** – Moepeng Hill, 2136-2201* Apr 22, man announcer hosting a pop music program in the English language. At 2157, there was a political commentary about “Burma”. This was followed by station ID and closing announcement (“This is the Voice of America, Washington, DC signing off”) followed by Yankee Doodle theme music. Good signal. (D’Angelo-PA)

- 15580** **BOTSWANA *Voice of America*** in EE to East Africa via Mopeng Hill. April 15, 2023, 2149 – 2201. SIO 233. African MX, noisy signal with a MX program. OM announcer between songs. ID in EE. Editorial item with YL announcer in support of Women, especially in Afghanistan. Voice of America sign-off in EE with Yankee Doodle theme MX. Off the air, carrier gone, at 2201. (Henley, WA)
- 15590** **CHINA *China Radio Int'l*** in EE to EU. April 20, 2023, 1445 – 1457. SIO 444. Roundtable OM / YL discussion of fire hazards from the batteries in electric scooters, bicycles, and other electric vehicles. Off the air at 1457. (Henley, WA)
- 15590** **THAILAND *Radio Thailand***, 0008-0029* Apr 7, man and woman announcing teams hosting the English language news program with nice station IDs (“You are listening to Radio Thailand news”). Commercials for Thai Airways, MasterCard. Carrier terminated mid-sentence Fair to good signal. (D’Angelo-PA)
- 15590** **THAILAND *Radio Thailand***, *2357-0029* Mar 31, open carrier until time pips at 2359 followed by a woman announcer with station ID, instrumental music followed by opening announcements before a man and woman began with English program with the National News. Fair to good signal. 0010-0037 Apr 1 noted with English language news program until 0029 but carrier returned and Thai program commenced at 0030 but at a much weaker level. (D’Angelo-PA)
- 15720** **NEW ZEALAND. *RNZ*** in EE to Oceania. April 23, 2023, 0330 – 0340. SIO 555. Excellent signal. YL announcer with POP / FOLK MX program. Discussion of James Bond novels. Good talk program, pleasant MX. (Henley, WA)
- 15760** **CHINA *CNR 1*** Jammer in CC. April 23, 2023, 0348 – 0352. SIO 323. Noisy signal. OMs
- 17770** **MADAGASCAR *AWR*** Asia via Talata Volondry – 3/1 1320 noted with Christian teaching in Vietnamese. SIO 222. (Bueneman-MO)
- 17855** **SPAIN *REE*** April 24 at 2045, REE is SSOB direct, but much weaker than normal, not recovered from major geomag storm. Recheck 2227 toward end of token English, JBA carrier for us; but 15520 off the back for ME is sufficient as she is talking about Don Quixote (Glenn Hauser, OK)

Index

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

- Antenna
 - longwire
 - (5), 27
 - Wellbrook
 - (5), 5
- Book
 - WRTH
 - (5), 4, 29, 30, 31, 36, 38, 39, 42, 49
- Broadcaster
 - BBC
 - (5), 12, 24, 30, 32, 37, 38, 39, 40, 45, 52, 54
 - CBC
 - (5), 12
 - RFA
 - (5), 41
 - VOA
 - (5), 13, 38, 41, 52
- Column
 - Loggings
 - (5), 47, 59
 - Musings
 - (5), 59
- Correspondence
 - eQSL
 - (5), 9, 30, 32, 45
 - QSL
 - (5), 10, 30, 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 59
- Country
 - ALASKA
 - (5), 29, 50
 - ALGERIA
 - (5), 29, 54
 - ARMENIA (Armenian S.S.R.)
 - (5), 30, 53
 - ASCENSION ISLAND
 - (5), 30, 49, 54
 - AUSTRALIA
 - (5), 30, 51
 - AUSTRIA
 - (5), 31, 48
 - BELGIUM
 - (5), 31
 - BOTSWANA (Bechuanaland)
 - (5), 31, 49, 54, 55
 - BRAZIL
 - (5), 31, 48, 49, 50, 51
 - BULGARIA
 - (5), 31
 - CANADA
 - (5), 49
 - CHILE
 - (5), 31
 - CHINA, PEOPLE'S REP.
 - (5), 31, 49, 50, 51, 53, 54, 55
 - COLOMBIA
 - (5), 32, 42, 48
 - CUBA
 - (5), 48, 51, 52
 - DENMARK
 - (5), 33
 - ECUADOR
 - (5), 33
 - FRANCE
 - (5), 51, 54
 - GERMANY, FED. REP.
 - (5), 33, 52
 - GUAM
 - (5), 34
 - INDIA
 - (5), 35, 54
 - IRAN
 - (5), 35
 - IRELAND (Eire)
 - (5), 35
 - JAPAN
 - (5), 35, 50, 51, 53
 - KOREA, DEM. PEOPLE'S REP.
 - (5), 49, 50, 54
 - KOREA, REP.
 - (5), 36
 - KUWAIT
 - (5), 36, 48, 51, 52
 - MADAGASCAR
 - (5), 36, 53, 55
 - MALAYSIA (Malaya)
 - (5), 37
 - MALI (French West Africa)

(5), 37, 48
MEXICO
(5), 37
MONGOLIA
(5), 37
MYANMAR (Burma)
(5), 37
NETHERLANDS
(5), 37
NEW ZEALAND
(5), 37, 49, 50, 55
NIGERIA
(5), 38
NORTHERN MARIANAS, COMMONWEALTH
(5), 53
OMAN
(5), 38, 52
PALAU (Belau)
(5), 50
PERU
(5), 18, 38, 48
PHILIPPINES
(5), 38, 49, 50, 52
ROMANIA
(5), 38, 48, 51, 54
SAUDI ARABIA
(5), 39, 50
SINGAPORE
(5), 39, 52
SOUTH SUDAN (Sudan)
(5), 49
SPAIN
(5), 39, 55
SRI LANKA (Ceylon)
(5), 39, 54
SUDAN (Anglo Egyptian Sudan)
(5), 39
SWEDEN
(5), 39
TAIWAN (China)
(5), 39, 53
TAJIKISTAN (Tadzhik S.S.R.)
(5), 40
TANZANIA - ZANZIBAR
(5), 42
THAILAND
(5), 40, 52, 53, 55
TURKEY
(5), 40
UNITED KINGDOM
(5), 40
UNITED STATES OF AMERICA
(5), 6, 11, 17, 25, 33, 41, 46, 48, 49, 50, 51, 52, 53,
54

UZBEKISTAN (Uzbek S.S.R.)
(5), 41, 52
VANUATU (New Hebrides)
(5), 41
VATICAN CITY
(5), 42, 54
VENEZUELA
(5), 42, 48
VIETNAM
(5), 42
ZAMBIA (Northern Rhodesia)
(5), 42
Language
Arabic
(5), 22, 29, 33, 34, 36, 39, 48, 50, 53, 54
Chinese
(5), 9, 16, 29, 34, 36, 48, 49, 50, 53, 54
English
(5), 6, 7, 13, 29, 30, 31, 32, 34, 35, 36, 37, 38, 39,
40, 41, 42, 43, 44, 48, 50, 51, 52, 53, 54, 55
French
(5), 31, 33, 34, 36, 37, 39, 42, 48
German
(5), 31, 40, 43, 48
Hausa
(5), 49, 54
Hindi
(5), 35, 54
Italian
(5), 33
Japanese
(5), 26, 27, 37, 53, 54
Korean
(5), 29, 34, 36, 40, 41
Portuguese
(5), 31, 48, 49, 50, 51
Russian
(5), 15, 28, 29, 46, 52
Spanish
(5), 20, 30, 32, 33, 37, 38, 39, 42, 48, 51
Swahili
(5), 39, 42, 54
Turkish
(5), 32, 39
Urdu
(5), 36
Mode
AM
(5), 6, 18, 21, 22, 23, 24, 25, 26, 28, 37, 38, 43, 44,
45, 46
DRM
(5), 37, 38
FM
(5), 17, 19, 20, 21, 22, 23, 24, 25, 37, 38, 39

LSB	(5), 6, 17, 18, 29
(5), 18, 27	Perseus
SSB	(5), 29
(5), 18, 22	SDR
USB	(5), 17, 19, 22, 23, 29, 35
(5), 18, 27, 30, 44, 45, 46	Signal reporting
Organization	SINPO
HFCC	(5), 49
(5), 38, 40, 41, 42	Station
NASWA	WWV
(5), 6, 15, 59	(5), 17, 50
Propagation	Station type
Ionosphere	Clandestine
(5), 15	(5), 53
Publication	Jammer
Flashsheet	(5), 55
(5), 59	Pirate
Messenger	(5), 11, 43, 45, 59
(5), 19	Relay
Receiver	(5), 43, 45
Drake	

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