

The **NASWA** Journal

VOLUME LVII NUMBER 5

MAY 2017

RADIOVATICANA

laudetur
jesu christus

RADIOVATICANA **QSL**

RADIO VATICANA
CITTÀ DEL VATICANO

POSTE VATICANE 75

HVJ LAUDETUR JESU CHRISTUS

STAZIONE RADIO - CITTÀ DEL VATICANO

ÉMISSIONS RADIOPHONIQUES
Jours fériés: 3h. 30 - 3h. 45 P. M., O. M. T. - Kr. 15.121 - 10 m 84
7h. - 7h. 15 P. M., O. M. T. - Kr. 5.969 - 50 m 26
Lunedì: Italiano - *Tuesday:* English
Mittwoch: Español - *Jouidi:* Français
Freitag: Deutsch - *Saterdag:* Niederlands
Vendredi et Samedi: à 3h. 30 en Italien
Dernier jeudi de mois: (3h. 30 et 7h.)
"Scientiarum Nuncius Radiophonius"
Dimanches et jours de fête: 10h. A. M., O. M. T. - 50 m. D.
Lectures liturgiques et apologetiques destinées aux catholiques
(en latin et français)

SIGNAUX CARACTÉRISTIQUES
1) *Tirées de l'hymne* (prenant les 5 minutes qui précèdent l'émission)
2) *Crochets de Saint-Pierre* avant l'hymne
3) *Paroles initiales et finales:* « Laudetur Jesu Christus »

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Your reception dated 23/11/37 was good

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H. J. ...

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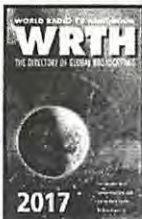
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2017 WORLD RADIO TV HANDBOOK

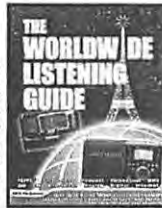
This long established publication is filled with schedules, frequencies and addresses of shortwave broadcast stations. Organized primarily by country. Also includes a by-frequency listing of shortwave broadcast stations, radio club info., plus receiver reviews. *WRTH Pub.* ©2016 71st Edition, 672 p. List price \$49.95. Available 12/20/16.



Order #6017 \$44.95

WORLDWIDE LISTENING GUIDE

By J. Figliozzi. Modeled on the author's popular *Worldwide Shortwave Listening Guide*, this new book covers all of today's formats: live on-demand, podcast, satellite, Internet, digital, analog, AM, FM, shortwave and wi-fi. Learn what can be heard how, where and when! *Spiral bound 7th Ed.* 160 p. ©2015.



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ICOM

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IC-R8600



The Icom IC-R8600 wideband communications receiver raises the bar on sophisticated radio monitoring. This ground breaking receiver made its world debut at the *JARRL Tokyo Ham Fair* on August 19, 2016. The IC-R8600 covers 0.01-3000 MHz (less cellular) in analog and decodes multiple digital protocols, including D-STAR™, NXD™, dPMR™, and APCO P25. It has a large 4.3 inch color TFT touch screen display with fast spectrum scope and waterfall display. The advanced circuit employs modern FPGA/DSP base architecture with traditional superheterodyne circuitry. Optional RS-R8600 PC remote control software allows control of all receiver functions. There is a convenient SD card slot for received log, decode log and voice recording. The rear panel features: 10.7 MHz IF Output, LAN Port, Mute Line, Reference I/O, I/Q output, External speaker jack, AF/IF output, CV remote terminal, USB port, DC power input jack, S meter output jack, Aux., 3 antenna jacks (N/SO239/RCA) and ground terminal. The I/Q signal output supports use with third-party SDR software and/or external decoding.

An optional Icom SP-39AD (#2099) external speaker with integrated power supply will be available. The IC-R8600 will be available in both consumer (#X086) and government (#0586) versions.

Full features, specifications, pricing and availability were not announced by Icom as of press time. Please check www.universal-radio.com for the latest updates on this exciting new receiver. This new model is expected early 2017. This device has not been approved by the FCC. This device may not be offered for sale or lease or sold or leased until approval of the FCC has been obtained.

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PIRATE RADIO ANNUAL 2015-16

By A. Yoder. Pirate radio is alive, well and offers a tremendous range of programming. The author introduces the topic, provides insights on tuning and QSLing pirates and provides an extensive review of pirate activity for the previous year, covering domestic and international pirate stations heard in N. America. Includes an amazing audio CD of 92 pirate stations! ©2016 Cabinet 230 p.



Order #6555 \$16.95

SHORTWAVE RECEIVERS PAST & PRESENT 1942-2013

By F. Osterman. A comprehensive guide to over 1700 shortwave, amateur and commercial communications receivers (plus 1200 variants) made in the last 70 years. With 1800 photos and information including: coverage, circuit, display, features, performance, new & used values (for most), reviews, etc. Over 360 manufacturers are represented. Become an instant receiver expert. Hard bound Fourth Ed., Second Printing, ©2014 URR, 800 p.



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This month's cover, developed by **John Herkimer**, features Vatican Radio. The montage of Vatican Radio QSLs, pennants, schedules, etc. reminds us of the good old days when they were an international shortwave broadcasting powerhouse. Today the rumor is that they are leaving shortwave for good. However, they still broadcast using shortwave (see *Listeners Notebook*).


A.J. Janitschek, Director - Program & Operations Support for Radio Free Asia (RFA), sends us information about the release of RFA's fourth QSL card in the series highlighting the International Broadcasting Bureau (IBB) transmitter sites used for RFA programming. RFA programs also broadcasts from these IBB sites: Biblis, Lampertheim, Saipan and Tinian. IBB Kuwait is one of the most cost-effective transmitter sites in IBB's inventory and is also an integral part of IBB's global satellite interconnect system carrying RFA programming where needed. This is RFA's 64th QSL overall and will be used to confirm all valid RFA reception reports from May 1 - August 31, 2017. RFA encourages listeners to submit reception reports. Reception reports are valuable as they help RFA evaluate the signal strength and quality of their transmissions. RFA confirms all accurate reception reports by mailing a QSL card to the listener. RFA welcomes all reception report submissions at <http://techweb.rfa.org> (follow the QSL REPORTS link) not only from DXers, but also from its general listening audience. Reception reports are also accepted by email at qsl@rfa.org and by mail to: Reception Reports, Radio Free Asia, 2025 M. Street NW, Suite 300, Washington DC 20036.

Summer is a good time of the year to attend a radio gathering. A big medium

wave gathering is schedule for in August when the joint 2017 IRCA/NRC/Decalomania convention will be held 17-20 August 2017 in Reno, Nevada. The location will be the Best Western Airport Plaza Hotel, 1981 Terminal Way, Reno, NV 89502. For reservations call (775) 348-6371 and request the International Radio Club of America room rate of \$100.00/per night (plus tax). Registration fee (not including the banquet) is \$25.00 payable to **Mike Sanburn**, P. O. Box 1256, Bellflower, CA 90707-1256 or PayPal (add \$1.00 fee) to mikesanburn@hotmail.com. Include contact information and club affiliation.

The free 19th edition of *Domestic Band Survey* (DBS) edited by **Anker Petersen** is now available for downloading at www.dswci.org. The DBS is free of charge to all those shortwave radio listeners interested in the tropical bands and domestic stations. This year's cover features a Tahitian dance to Bora Bora drums at Polynesian Cultural Center in Hawaii. The monthly *Tropical Bands Monitors* can also be found here, free of charge! This is an excellent resource and the price can't be beat!

Please remember to continue to support your club with loggings (*Log Report* and/or *Flashsheet*), QSL news and information (*QSL Report*), station schedules (*Listeners Notebook*), articles (*Shortwave Center*), information about programs (*Easy Listening/Listening Review*) or general radio related commentary (*Musings*). No contribution is too small so please become a regular supporter of the club's columns. Thanks!

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

Musings

Jerry Lineback • 3581 Sunview Dr. • Paradise, CA 95969-8106 • jalinebk@gmail.com

Please e-mail musings as MS Word attachments to jalinebk@gmail.com or mail to 3581 Sunview Dr., Paradise, CA 95969-8106. Next deadline is May 24, 2017.

Bob Fraser, 255 Lincolnville Ave., Belfast, Maine

We are to have a total eclipse of the sun on August 21, 2017. A year ago, we had a similar event. At that time, someone wondered if an eclipse would affect radio waves. I decided to see for myself. I used stations at the ends of the radio spectrum – WWV on 20 MHz and WQXR, New York City, on 1560 KHz (It is now WFME, Family Radio). I chose it as it often can be heard even here in Maine during the day. In fact one of its engineers told me that he often heard it at his summer home on Cape Ann, Mass.

At the time of totality, the signal from WWV dropped while that of WQXR increased some – not significantly, but noticeably. I thought others members might want to try this. I have also heard that weather fronts affect radio waves, but that is another matter,

73, Bob

I understand that Hams and other science hobbyist are gearing up to conduct propagation observations during the August eclipse. Get involved-jal. Please support Musings by contributing. Thanks to our contributors.



NASWA Facebook Page

Join moderator **Richard Murphy** <richard.murphy@swri.org> 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. Group members must be NASWA members. Comments and suggestions from the membership are welcome. To locate the NASWA Facebook page, simply enter "North American Shortwave Association" into the search box. If you are into social media, give it a try.



NASWA 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 D'Angelo** (rdangelo3@aol.com) 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.

Easy Listening

Richard D. Cuff • 42 North 37th Street • Allentown, PA 18104 • richard@thecuffs.us

Winter SWL Fest: 3 Days for 2018!

If you read the musings in the April *Journal* from the 30th Winter SWL Fest, or participated in the e-mail and Facebook discussion groups, you probably saw the feedback that Fest participants liked having the Fest extended to 3 days – we added forums on Thursday of the Fest weekend, with sessions beginning in the early afternoon.

The consistency of the feedback – and the increased attendance we saw this year – prompted us to debate whether we should consider adding the 3rd day on a regular basis. In the past, we'd added Thursday sessions only for the 20th, 25th, and 30th Fests. The feedback was consistently positive, so we've gone ahead and made the hotel arrangements for the 3rd day.

So mark your calendars: The 31st (!) Winter SWL Fest will be Thursday-Saturday, March 1st-3rd, at the Doubletree Philadelphia West in Plymouth Meeting, PA. The latest information is always available at the Fest website, <http://swlfest.com>.

Many thanks for all those who helped out with the Fest, and also for those who joined us for the weekend as participants. I know I'm motivated to continue to co-manage the Fest largely because we continue to have enthusiastic participation, as the Fest continues to feel like a "family reunion" after these many years. But don't let that sense of "family reunion" scare you off if you've never joined us – we pride ourselves in making everyone feel welcome, whether it's their first Fest or their thirty-first.

RNZI re-brands itself as *RNZ Pacific* – is that significant?

Alan Roe, whose column alternates with mine here in the *Journal*, spotted a recent change in the Radio New Zealand

International website – the service is now branded as **RNZ Pacific** instead of RNZI in several places. It doesn't appear that programming has changed in any way; RNZ Pacific continues to focus on serving the Pacific islands, with a twice-daily flagship current affairs program called *Dateline Pacific* that covers the major Pacific news stories, with background and reaction from the people making the news.

There are a couple reasons why this renaming makes sense. First, the renaming is consistent with the naming convention used by RNZ for its other national services: the spoken-word RNZ National, and the classical music-focused RNZ Concert. Second, the shortwave silencing of Radio Australia has given RNZ an opportunity to position itself as the only English-language shortwave service focusing on the Pacific islands, and the name **RNZ Pacific** makes this intention clear.

As John Figliozzi pointed out online, this move may also help RNZ position this service in a more favorable light for the government organizations responsible for funding RNZ's Pacific-focused service including its continued shortwave presence.

I noticed one irritating feature when I visited the RNZ Pacific website – its program schedule is now shown only in New Zealand time – which is currently UTC+12. RNZI used to show its schedule in UTC on its website; which means listeners in any time zone other than New Zealand time have to make the adjustment themselves.

I mentioned *Dateline Pacific* above; it goes to air at 0108, 0308, 1108 Mondays-Fridays, plus 1308, 1608, 1815, 1908, 2015, and 2215 UTC Sundays-Thursdays (with a few exceptions).

Other programming highlights from RNZ Pacific:

Pacific Correspondent, focusing on political and social issues in the region, Thursdays 1330, 1630, 1930, 2115; Fridays 0330.

Tradewinds, reviewing regional top business stories, Tuesdays, 0730, 1130, 1330, 1630, 2115; Wednesdays 0330.

World In Sport, emphasizing New Zealand and Pacific sports with interviews and news, plus previews of upcoming games; Wednesdays 1330, 1708, 1930, 2115; Thursdays 0330.

In addition to RNZ Pacific's shortwave schedule, its programming is streamed live 24/7, with the programs listed above available on-demand and via podcast.

New on WBCQ

When it comes to Easy Listening on shortwave here in North America, WBCQ is one of the few options remaining to us. While much of what WBCQ airs is contracted religious programming from the likes of the Overcomer Ministry, WBCQ does air programs that can entertain, inform, and amuse. Some of the best programs on WBCQ are programs produced by radio hobbyists that simply enjoy being on air -- they pay for the air time themselves out of their own pockets.

Knowing when these interesting programs are on air can be a bit iffy; I am not always willing to put up with some of the fringe religious and political offerings to catch something I find of interest, though WBCQ does maintain an online schedule (<http://schedule.wbcq.com>) that you can reference. Here are some examples:

0000-0100 UTC Tuesday, 7490: **From the Isle of Music**, a radio program dedicated to the music of Cuba - Jazz, Fusion, Timba, Nueva Trova, Son, Classical, Folklorica, interviews with musicians, even a little history of the music now and then. Partly in English, en parte en español; this is from NASWAN Bill Tidford. For the week of February 20th, special guest Julio Montoro shares the music of Alma Latina; some music from one

of Cuba's first JoJazz competition winners, Carlos Sarduy, and the Timba of Pedro Pablo & La Rebambaramba. More details at <https://www.facebook.com/fromtheisleofmusic/>.

Bill launched a second program in March, **Uncle Bill's Melting Pot**, a half hour music variety program, on March 2 on WBCQ, 7490 Khz. It will be a combination of Americana, World Music, Comedy, Novelty, and Bill threatens that it will be one of the most musically eclectic programs on any band along with a few laughs here and there. The program airs 2300-2330 Thursdays.

If listening to streaming audio is more your taste, WBCQ does stream its programming live, with separate links for programs airing on 7490 kHz and 5130 kHz; from the main WBCQ website, look for the **Listen Live** hotlink on the left.

WRMI on...your telephone?

Yep, that's right. Remember AudioNow, the service I've mentioned in the past that makes audio available via a phone call? WRMI's 9955 kHz programming is now available over your phone, if shortwave conditions aren't cooperating. Dial (1) 712-432-8868 to tune in. Nowadays, with many landline and cellular service providers giving away unlimited minutes as part of their subscription packages, what the heck... take advantage of those free minutes. When I dialed in just now, Glenn Hauser's *World Of Radio* was on. As a side note, remember when you felt good about paying only 25 cents per minute for night & weekend long distance rates? How times have changed...

Speaking of AudioNow...Radio Romania International too

A bit ironic...when you think that **Radio Romania International** is one of the last European broadcasters targeting North America in English via shortwave, RRI is also available in the USA via AudioNow. Their phone number: (1) 716-274-2526. That will get you the most recently-recorded English language program.

Domestic shortwave broadcasters that stream their audio

WWCR

WWCR, perhaps the third-most-recognized commercial shortwave broadcaster on the air, streams all four of its transmitter feeds, so if the bands aren't cooperating, or if you happen to be caught somewhere without a shortwave radio and care to listen, you can do so. Simply visit <http://www.wwcr.com> and look for the Listen Online link on the left.

WHRI / T8WH

WHRI, too, offers streaming audio for its six transmitters around the globe. Most of what WHRI airs is religiously-themed, yet WHRI's transmitters also relay the Voice of Vietnam and Japan's NHK at various times of the day. The parent organization of World Harvest Radio is the Lester Sumrall Evangelistic Association, with its website as <http://lesea.com>; look under *TV & Radio Stations* for *WHR Shortwave*; look for the link for *Streaming Audio*.

Others

WTWW also streams its audio, and has up to three transmitters on air at a given time; their URL is <http://wtww.us>.

WWRB's audio is streamed from <http://www.wwr.org>; unfortunately they don't publish a schedule of their programming online.

Radio Australia update

There have been some legislative initiatives in Australia's government to restore shortwave service from the ABC, but so

far there's been no progress reported. Government leadership from Pacific island nations including Vanuatu and Solomon Islands continue to express their wish for restoration of RA's shortwave services.

New Finds on the BBC World Service

World Hacks: Described as "People fixing the world", this program takes a human-interest look at people and groups at a grass-roots level that are making a difference in the lives of those around them. Recent episodes have looked at postal workers on the isle of Jersey, who check in with the elderly along their routes and notify next-of-kin and support agencies if something is amiss; another episode looks at a doctor who is using smartphone technology and a mass participation study to look at donating personal data for greater good. *World Hacks* airs live Tuesdays at 0106 and Wednesdays 0706. A podcast is also available,

Crowd Science takes questions from listeners about science and research topics and then seeks out researchers working in the field of interest. One recent episode sought to answer the question "How many people the earth can support?" and another, "Are fingerprints the best form of ID?" Airs live Fridays 1932 and 2332, except the Americas and West/Central Africa - which see a second airing Mondays 0232. Podcast also available.

That's all I have time for...here's to good listening!

73 DE Richard



NASWA Facebook Page

Join moderator **Richard Murphy** <richard.murphy@swri.org> 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 Yahoo group, 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, simply enter "North American Shortwave Association" into the search box on the top toolbar. If you are into social media, give it a try.



International Broadcasting

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

The BBC's "truth offensive" of World War II

Preparing for this month's column about international broadcasting, my search of news.google.com begins with "BBC World" -bbc.co -bbc.com. This includes stories about BBC World Service and BBC World, but excluding anything from the BBC websites, all of which would mention "BBC World."

During April, there were plenty of good stories about the BBC world services, indicating that BBC is the pacesetter in international broadcasting.

The one story about BBC's international operations that stood out was in *The Guardian*, April 15, "How the BBC's truth offensive beat Hitler's propaganda machine," by Jamie Doward. It is chock full of lessons for international broadcasting now and, especially, in the future. Excerpts ...

"An ingenious idea: tell the unvarnished truth."

"When it came to winning the war against Hitler's sophisticated propaganda machine, the BBC hit upon an ingenious idea: tell the unvarnished truth.

"An academic trawl of the corporation's archives has revealed that while the Nazi regime used puppet broadcasters such as William Joyce - nicknamed Lord Haw-Haw - to spin messages of German invincibility, the BBC was choosing to broadcast detailed news of Britain's military setbacks. The decision was part of a deliberate strategy to win the hearts and minds of the German people, says Dr Vike Martina Plock of the department of English at Exeter University, who discovered memos from the time during research at the BBC Written Archives Centre in Caversham Park, Reading.

"The BBC wanted its German language service - set up in 1938 at the time of the Munich crisis, when it became apparent another world war was likely - to become a trusted news source, which meant even defeats had to be truthfully reported. Notable examples include the 27 November 1942 report of the German bombing of Toulon and the scuttling of the French fleet to avoid its capture, and the 6 April 1940 report - days before the invasion of Norway - of the sinking of 52 Norwegian ships by the German navy, resulting in the death of 392 people.

"The policy appears to have paid dividends. Despite attempts to jam programmes and prosecute listeners in Germany for tuning into enemy broadcasts, the BBC soon became one of the most significant sources of information for people living under Nazi rule.

"The number of programmes transmitted to Germany grew dramatically during the war to include features, political satire, songs and music. One show pitted Hitler against Hitler, playing recordings of his speeches to highlight how he regularly contradicted himself. In another, a Berlin housewife with a broad lower-class Berlin accent told listeners some home truths about everyday life in Germany. BBC producers believed the character could help them subtly criticise Nazi leaders in a manner that was relevant to ordinary families in Germany.

"Accurate news, however, was the bait used to draw in German listeners. One BBC memo, marked private and confidential, dated 23 March 1942 recorded: There were roughly 80 broadcasts [this] week in the German language, of which about 75 were given by English speakers. Broadcasts were arranged on a cyclical basis so that German listeners could be sure of hearing Britain at the hour throughout each day.'

“Be first with the news whether good or bad.”

“News was the magnet which attracted the audience and consequently talks followed the news, in the belief that the audience attracted by the news would continue to listen to a talk for which they might not otherwise tune in. It was the aim to be first with the news whether good or bad and in practice bad news was usually given first. In this way each bulletin ended with better news. It was the tone of the last items which left a “taste in the mouth”. Broadcasting of bad news helped with the reputation for truthful statement which was the basis of our service.’

“Although the BBC used several German intellectuals living in exile in Britain as feature writers and translators, the news presenters were almost exclusively British. Plock, whose research was funded by the Leverhulme Trust, said that the broadcaster feared its objectivity and neutrality would be compromised if known Nazi objectors or political refugees were allowed to speak directly to listeners in Germany.

“It is fascinating to see how the BBC provided the German public with accurate information during the war and thereby began to re-educate individuals who had been living, willingly or unwillingly, with 12 years of Nazi propaganda,’ she said. ‘To be effective in exposing Nazi propaganda as lies and teach German listeners to become responsible citizens of a peaceful, unified Europe, the BBC German Service had to first gain their trust. Offering impartial news was therefore very important, even if it meant broadcasting information about Britain’s military setbacks. Listeners who heard these news bulletins were inclined to believe in Britain’s superior military strength. If the Allies could openly admit defeats, it was believed, they must be extremely confident, convinced of their eventual victory over Nazi Germany.’

“Likewise, reports about the way British people were contributing to the war effort were used by the corporation to emphasise the country’s belief in victory. An internal BBC report on bulletins and programmes in Germany broadcast between 5 and 10 May 1941 observed: “Our certainty of victory is based on moral and material considerations. Our conviction of fighting for a just cause might perhaps be emphasised more frequently, not only in terms of social and economic reform, but also from a purely moral point of view. Conviction of victory based on superior industrial power may not for the moment convince the German listener, but accounts of work in factories and on farmers bring home to the Germans our growing production. There is too little said of the British attitude towards bombing: because we are certain of victory, we can stand plenty of bombing.”

“The BBC also monitored reports in German newspapers and radio broadcasts put out in response to its news bulletins. One memo records: ‘Exaggeration, excitement, threats and extravagance in all forms were avoided. It was a trap into which the Russians were inclined to fall. There was evidence that Germans listened in large numbers to British news, but not to Russian. Several prosecutions had occurred in one day in one place in Germany recently and two of those convicted had been listening in public to the BBC.’

“The BBC German Service became a model for similar operations in other countries – by 1943 the corporation was transmitting programmes in 54 languages. It was discontinued only in 1999 and was seen as having played a key role in shaping Germany’s postwar public service broadcasting sector.”

Views expressed are my own. See voardiogram.net and www.kimandrewelliott.com.



Shortwave Center

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

SHORTWAVE RECEIVER REVIEW

Retro Review: E.I.L HCR-62

By Craig Seager, VK2HBT

(courtesy Australian Radio DX Club)

Now here's something uncommon; a general coverage communications receiver sold only in Australia by E.I.L during the early 1960s, but with a pedigree that is anything but Aussie.

Never heard of E.I.L.? Think again!

Rod Smith's excellent book *Just Astor* (ISBN 0-9579092-1-7) recalls the formation of Radio Corporation of Australia Pty Limited during the 1920s from an amalgam of several smaller entities based in Melbourne. The company went on to produce some of Australia's most iconic valve domestic receivers, under the Astor branding, including the *Mickey Mouse* (quickly dropping the "Mouse" part after Disney took umbrage), followed by a long line of distinctive consoles and Bakelite mantle sets (my vintage radio collection needs an Astor Baby Grand!).

In 1939 a larger group was formed, incorporating Radio Corporation, Homecrafts and Eclipse Radio, to become known as Electronic Industries Limited. At its peak, Astor employed more than 1200 people at its Melbourne base.

Electronic Industries Imports Pty Ltd was formed in October 1946 in order to handle overseas agencies. Included in its portfolio was responsibility for local pressings from the U.S. jazz label, Clef Records. Anyhow, somewhere along the way someone decided it might be a good idea to release a general coverage communications receiver onto the local market, and E.I.L looked towards the north for a suitable ready-made candidate.

By the late 1950s, Japanese manufacturing prowess was building, and Western countries were also beginning to lift post-war trade restrictions, in the process opening up a source of low-cost electronics.

Sanwa Denki Keiki Seisakusho had been formed in the early 1940s as a designer and manufacturer of test equipment to support the growing popularity of radio receivers. In 1962, it released the Sanwa NR-409, a single conversion Superhet covering the shortwave bands, et voilà, E.I.L had something that it could simply rebadge and sell to expectant radio amateurs and shortwave listeners across the country.

The **E.I.L HCR-62** is a stylish looking receiver, with the front panel dominated by a large Perspex covered bandspread dial calibrated for the 10, 15, 20, 40 and 80 metre amateur bands. A separate window displays the MHz, and full coverage is from 3500 to 30200 KHz in 3 bands. I understand there are also versions that cover down to 550 kHz.

Modes are AM and SSB/CW, with manual and auto AGC both selectable. Pots for AF, RF gain and BFO, plus toggle switches for Send/Receive and ANL on/off complete the available controls, plus there is a ¼ inch socket for headphones and traditional S-meter. There is no internal speaker.

At the rear are screw terminals for antenna, earth and speaker, S-meter zero adjust, octal socket for mute line and I.F. output.

The **HCR-62** has one RF stage, and in large measure is not dissimilar in design to other contemporaries from Trio and Lafayette. Somewhat distinctive, though, is a row of five large RF coils at the rear of the chas-

sis that affords very sharp selectivity. Not great for program listening fidelity, but de rigueur for the HCR-62's target constituency, amateur radio hobbyists and their ilk.

The tube line-up is:

5Y3GT, 6AR5, 6BA6, 6BA6, 6AL5, 12AT7, 6BA6, 6BE6, 6BA6. Eight are miniature types (not the 5Y3 full wave rectifier), and replacements are still readily available.

According to an article on the valveradio.net website, there were various incarnations of this receiver, with older models displaying point to point wiring – and later with PCBs. A couple of helpful modifications are also offered.

Performance on the bands is what one might expect from a receiver of this vintage, and if you can put up with the poor frequency readout (compared with modern sets), it is a pleasurable set to operate and listen to.

Mine was picked up cheaply due to having

no top cover (I reckon I'll repurpose a bit of aluminum from elsewhere in time). One of the 6BA6 (I.F. amp) tubes also appeared to be "milky" at the top, an indication of a vacuum leak – and sure enough, a pretty serious crack was found near the base. Duly replaced, and off the set runs when power is applied.

Always a good idea to check the electrolytic capacitors on sets of this vintage, and when in doubt, whip 'em out! The filter cap is a can type, and there are a couple of other aluminium sorts branded Nippon Chemi-Con. Interesting that there are also some oil-impregnated .05 MFD caps, and a few .01 MFD that are actually labelled "Sanwa".

The HCR-62 was also sold in Japan as the Kikusui Denpa NR-409, so putting that in into your favourite search engine may uncover more facts about this interesting set, for which there is a dearth of information (and probably not too many surviving examples). Worth owning, I think.

SHORTWAVE STATION PROFILE

"Replay": Radio Tirana then and now

Originally written by Antonello Napolitano in November 1992

(DX Fanzine No. 43)

As many of our readers are aware, a few weeks ago **Radio Tirana** announced the end of its shortwave broadcasts. The reason was that they have outdated transmitters. Although the contents of its broadcasts were completely unrealistic, **Radio Tirana** was, until the end of 80's, well known to most shortwave listeners.

In 1992 I wrote a very long and detailed report about Radio Tirana, which appeared in DX Fanzine no. 14, at that time an irregularly edited shortwave publication delivered by mail. A part of the content for this story was gleaned from monitoring research, as my home city Taranto, is located in Puglia,

the region of Italy which stands in front of Albania. Both, the home and external service of **Radio Tirana**, as well as some regional radio stations and the TV service from this close but (at that time) mysterious country, were an easy catch for me (Needless to say, **Radio Tirana** meant for me the start of the shortwave hobby).

What leaves me surprised, 25 years after, is that in 1992 the option of suspending the external service, because of outdated means and equipment, was already on the table! The disappearance of **Radio Tirana** is just the last sign (and there will be others in the next future, **Vatican Radio** just to mention one) of how fast shortwave radio is declining. As some of our readers are too young to remember the role that **Radio Tirana** played during the golden era of shortwave broadcasting, I decided to re-publish, 25

years later, this in depth review of radio and TV in Albania.

I hope you will enjoy it. Feedbacks are welcome to: tarantodx@hotmail.com. Antonello Napolitano, Editor of DX Fanzine.

Introduction

Albania has a population of over 3 million and an area of 28,748 square kilometres. It is divided into 26 districts and borders the former Yugoslavia and Greece. The Albanian broadcasting structure is controlled by the Radio-Televisione Shqiptar (RTSH). In particular, this organization, which is state-run, operates a national TV network, two national radio programmes, Radio Tirana's external service and some regional stations. Since 1964 the RTSH headquarters is located in a building in the South East part of Tirana.

The National Home Services

The first Albanian national programme signs on at 04.00 and runs till 23.00 UTC. It is carried mainly on medium wave and is easily heard in Italy on 1089 kHz. It has also been relayed on the shortwave frequencies of 5020 and 5057 kHz for some years. Both channels, which gave fine reception in Italy, are now inactive.

The second home service programme runs from 10.00 to 15.00 UTC exclusively on 1458 kHz. As the name "Canali Idut Eksperimental" (Channel Two Experimental) suggests, this programme is still experimental. According to this year's World Radio TV Handbook, there are 14 medium wave stations in Albania, most of which are located in some district capitals.

Some observations can be made about the transmitter usage of the national programme. First some transmitters are not always used for the full span of the programme. The main frequency of 1089 kHz, for instance, is on the air from 04.00 to 07.00 and again from 11.00 to 23.00 UTC except for Sunday when it goes continuously. Another

point which is interesting to mention is that parts of this programme are also relayed by a number of regional stations.

Regional Stations

According to Radio Tirana there are 4 regional radio stations broadcasting from Albania. They are Radio Korce, Radio Kukes, Radio Shkoder and Radio Gjirokaster. All of these stations, except Radio Gjirokaster, are also included in the World Radio TV Handbook (WRTH) 1992 together with, Radio Rrogzhina on 648 kHz, Radio Pogradec on 693 kHz, Radio Kelcyra on 864 kHz, Radio Puke on 972 kHz and Radio Fier on 1260 kHz.

With the only exception of Radio Puke on 972 kHz, all of these stations are heard here in Taranto. According to the *World Radio TV Handbook* 1992, these stations in addition to their own local programmes carry relays from the Tirana national programme. However, except for Radio Kukes on 990 kHz and Radio Shkoder on 1323 kHz, none of these stations has ever been heard carrying local programmes, so a question mark must hang over their real function.

Radio Shkoder which operates on 1323 kHz starts its programmes at 11.00 UTC. It is good until around 15.00 UTC when Radio Moscow International dominates the channel. News from the Tirana national programme are relayed from 14.30 until around 15.05 UTC (14.00 to 14.30 on Sundays when the soccer season is open) in winter and one hour earlier when summer time is in force.

Harder-to-hear is Radio Kukes which operates on 990 kHz. Though its channel is almost always blocked by other stations such as the RAI and RIAS Berlin, it can sometimes be heard from its sign on at 16.00 UTC until around 19.00 hours UTC.

Other listed regional stations in Albania have never been heard carrying local programmes here in Taranto. They seem to be mere relays of the Tirana national programme without any programme of their own. There are some other stations, whose

nature is unclear, listed in the World Radio and TV Handbook edition 1992's long and medium wave frequency table such as Berati (1170 kHz), Prenjas (1494 kHz), etc., but it is unsure whether they are actually on the air or not as we have never heard them.

Television In Albania

Albanian Television (TV Shqiptar in the Albanian language) traces its origin back to April 29, 1960. Until 1965, TV programmes were about 2 hours, 3 evenings per week. Initially, they were received only in Tirana and Durres, but later with the addition of new transmitters they were also seen in other cities. For the first 11 years Television was experimental. Regular daily programmes were started in 1971. Since then Albanian Television grew constantly and by 1981 was going colour. Albania uses the PAL colour system. The Radio Television Shqiptar (RTSH) has also created its own National Symphony Orchestra. This it did in 1962. The programmes are varied and touch all fields of interests. Full use is made of RTSH's network of domestic correspondents in the production of TV programmes.

According to an Italian magazine, the number of TV sets in Albania is 250,000. A monitoring research made by Carlo Pepe in 1986 has revealed that special events programmes, like World Cup Football (Soccer) matches, aired by the Italian Radio and Television (RAI), are relayed by picking them up off the air. In fact, given the short distance to some RAI transmitters, there is good reception in Albania of transmissions from the 3 Italian television networks.

During the broadcast of these events, while the original Italian dialogue is faded out and the comment of a studio announcer in Tirana is added, the screen shows the original RAI letter mark, which identifies the TV station. This is probably evidence of the Albanian Television's impossibility to have access to any broadcast material made available to affiliated stations by international broadcasting organizations like EBU.

Radio Tirana International

"Radio Tirana is a typical example of a totally-dehumanized station". Some critical listener's groups said that ten years ago. Whatever their reasons, their assertion was largely correct. The station used to broadcast long talks about Marxism-Leninism and hold a hostile attitude not only toward Western countries but also toward what it described as "revisionist-ruled" nations (the other Communist countries loyal to the Soviet Union).

The invasion of Albania by Italian Armed forces on April 7, 1939 meant the start of an armed rebellion. A few months before the end of the World War II forces of the Communist Party of Albania, led by Enver Hoxha, seized control of the country and imposed one of the most fanatic Marxist-Leninist regimes. The country established close ties with Soviet Union and other Communist regimes but after the end of Stalin's era in 1961, when the then Secretary of the Communist Party of Soviet Union, Nikita Khrushchev accused his predecessor of crimes ranging from personality cult to the murder of thousands of political opponents, diplomatic relations were officially broken. This event led to the complete isolation of Enver Hoxha's Stalinist regime.

In the years since then, Hoxha's hostility for the U.S.S.R., and much of the outside world, has never diminished. But all that began to change in 1990, when the then President (and leader of the Communist Party) Ramiz Alia, in an effort to not lose power, inaugurated a process of democratization.

In Albania today, freedom and democracy are reflected in every walk of life. Only 2 years ago, there was no freedom of expression and official media were heavily censored. It was in this atmosphere that Radio Tirana, which often engaged in dogmatic battles with other Communist countries, has been operating for many years.

Radio broadcasting in Albania traces its history back to November 28, 1938, when the

first broadcast was made over a 3-kW short-wave station. Regular programmes by **Radio Tirana** started only after the liberation of Tirana, on November 27, 1944. The following day, the triumphal words of the then head of government Enver Hoxha celebrating the so-called democratic government's entry into Tirana, were heard for the first time over the transmitters of **Radio Tirana**.

Because of lack of adequate recording equipment, during the first years of its operation **Radio Tirana** has been broadcasting only live programmes. From 1947 to 1950 **Radio Tirana** broadcast daily only 7.5 hours of domestic programmes as well as 4 hours of foreign programmes in English, French, Italian, Serbo-Croat and Greek. Later the following language services were added: Arabic in 1952, Russian and Bulgarian in 1961, Hungarian and German in 1964, Spanish in 1965, Polish and Czech in 1966, Indonesian in 1967, Portuguese in 1968, Romanian in 1969, Turkish in 1976, Chinese in 1978, Persian in 1979 and Swedish in 1981. On the technical side, the first medium wave transmitter became operational in 1952. It had a power of 50 kW.

The decades since that transmitter was put into operation have been years of growth with the addition of new medium and shortwave transmitters. For a time **Radio Tirana** relayed the broadcasts of **Radio Beijing** [then Radio Peking -ed.] in return for a lot of technical assistance from the People's Republic of China. But when the political relationships strained between the two countries the relays went away.

With the communism's end in Albania, programmes changed a lot at **Radio Tirana**, mostly in the way of reporting, according to a translator in the English department of **Radio Tirana**. "Apart from becoming more free and more flexible our news coverage was more complete and more realistic" he continued. That change was reflected in the listeners' attitude toward **Radio Tirana**. In the words of the English Department's translator, whose former position in the listener's service gave him a chance to analyze what foreign listeners were writing, during the Communist years listeners flattered **Radio**

Tirana just as they did with many other stations in Eastern Europe only to get a QSL card. What they did was to say good words about Albania as well as **Radio Tirana**. But now their comments on the programmes are more open and more realistic.

Until the breakdown of Communism in Albania, **Radio Tirana** was totally controlled by a Communist Party organization which, after the peaceful revolution was disbanded because the Parliament decided that the radio should be a neutral organization, totally independent from the government. This means that Communists have completely lost their power. Thus, although most of them are still working at **Radio Tirana** they are not in high place positions. All the directors who are in charge now, for example, have never been members of the Communist Party. Because of this, **Radio Tirana** has lost its well-known Marxist-Leninist accent.

Before the fall of Communism in Albania, **Radio Tirana** had an enormous foreign service with 20 languages on the air. Some of these language services, however, were receiving very few letters. This is probably explained by the fact that programmes were of high political content and did not tell much about daily life in the country. In fact the main aim of **Radio Tirana** was to promote the cause of Communism in the world rather than to inform objectively about Albania. But after the revolution things changed dramatically at **Radio Tirana** which stopped broadcasting in 12 of the 20 languages it had then on the air. The eliminated language services were those directed to Eastern Europe as well as Chinese, Indonesian, Persian, Portuguese and others which took a lot of airtime.

During the past years the programmes of **Radio Tirana** directed to foreign countries were rather distinctive. Lots of long and emphatic talks about the magnificent achievements made in the development of the socialist economy and culture in Albania were presented and the well-known Communist song "The Internationale" was played at the end of each transmission. Further, the station used out-of-band frequencies such

as 6200, 7080, 7090. 9375, 9480, 10510 and 16230 kHz.

A clear sign of changing times came on December 31, 1990 when the station suddenly announced it would be carrying commercials. **Radio Tirana** is clearly in economic difficulties and it seems the only way to keep the station going will be to use foreign sponsorship. At least 3 well known stations like the **BBC**, **Trans World Radio** and **Radio France Internationale**, expressed an interest in hiring the medium wave frequency of 1395 kHz and started negotiations with the Albanian authorities. Of these stations, **Trans World Radio** recently signed an agreement with **Radio Tirana** for the rent of that medium wave transmitter. As from the beginning of October, in fact, **Trans World Radio** has started broadcasting religious programmes to Eastern Europe from 20.30 to 21.30 UTC on 1395 kHz. The transmitter has an output of 1000 kW.

Given the technology available in the 1990's, **Radio Tirana's** equipment, is seriously outdated. According to a German listener who visited the station, the facilities seems to be a mixture of Chinese and Soviet equipment and very old indeed. "The studios are very simple with giant tape recorders", he continued. "The studio technician sits in front of a large panel of rotatable knobs and all the set ups resemble the control center of an electrical power station rather than a radio studio. But all seems to be in working order" he concluded.

All the news and features are made in central newsroom and then translated by the various language departments. Since 1990 producers in the various language sections have been allowed to make some programmes themselves, for example, the mailbag programme.

For many years the foreign programmes of **Radio Tirana** have been preceded by the first 9 notes of an Albanian patriotic song called "With pickaxe in one hand and rifle in the other", which tells how the Albanians managed to throw the Soviets out of their country. Having been written during the

communist years, this song has been replaced by a new melody a couple of years ago.

Radio Tirana currently broadcasts daily in eight languages: English, French, Spanish, Turkish, Greek, Serbo-Croat, Italian and German. There are also some programmes in Albanian bringing the total number of languages used to 9. Its daily programmes consist of news, commentary, sport, mailbag and music. About 4 years ago a section for the production and distribution of high-quality recordings was created. Cassettes devoted to Albanian music from folk to light, to instrumental, to symphonic may be purchased by individuals through **Radio Tirana**. Video cassettes with the recording of Albanian dramas, films and concerts are also available.

A news bulletin from Tirana on 26th September 1992, said that it is now possible to include advertisements for domestic and foreign companies in any of its foreign language programmes. Further information about this new service may be obtained by calling one of these telephone numbers: 23775, 28322 (The fax numbers are 27919 and 23775).

The future of **Radio Tirana** appears more uncertain than ever before. Speaking of the possibility of the suspension of the service, **Radio Tirana**, said on April 21, 1992 this: "It is true. **Radio Tirana** is facing major difficulties especially in terms of outdated means and equipment it continues to employ for its broadcasts. Nevertheless our staff is doing the utmost to keep work going because Albania is seeking broad recognition among the world community and **Radio Tirana** would be a good start for this".

Although the political climate is much different today, Albania is still a mysterious country with many problems to contend with. Whatever happens, let us hope that everything will be done to save an important bridge of communications between Albania and the rest of the world like **Radio Tirana**.

SOURCES: **Media Network**, the weekly media programme of the English Service of **Radio Netherlands**; **Austrian Shortwave**

Panorama, the weekly media round up of the English Service of **Radio Austria International**; Glenn Hauser's DX programme "World of Radio"; "Albania - Nozioni generali", a book edited in 1984 by the Tirana

publishing company "8 Nentori"; **Radio Tirana**. Special thanks to Carlo Pepe and Mr. Lumo Shehu of the Albanian Embassy in Rome. (Originally written and published in DX Fanzine no. 14 in November 1992!)

Shortwave News

1. Inquiry into Australian Broadcasting Corporation Amendment (Restoring Shortwave Radio) Bill 2017

April 2017 DRM Newsletter

A bill to the Australian Senate is under review to discuss restoring ABC Australia's shortwave broadcasts. The Senate invited submissions from interested parties following ABC Australia's announcement to end shortwave transmission to the Northern Territory and International audiences. The DRM Consortium's submission to this process can be read here:

<http://www.drm.org/wp-content/uploads/2017/04/ABC-DRM-submission-to-Australia-2017-03-29.pdf>

The Committee is required to report by 10 May 2017. A copy of the report will be published on the Committee's website.

2. WRMI Initiates RAE Argentina Relay

WRMI have just posted this on **SHORTWAVE HISTORY**

Adrian Peterson's Diary

1. The Original Vatican Radio

A surprising move in the international radio world is reported in the March issue of the Australian DX News. The Japanese shortwave service **NHK** in Tokyo has made an enquiry regarding the possibility of buying the shortwave station at Santa Maria di Galeria that is owned and operated by **Vatican Radio**. This unusual report is contained in a news release from the *Catholic World News* service, as copied into the latest issue of the *Australian DX News*.

their Facebook page and summary of same appears on **RAE** webpage at <http://www.radionacional.com.ar/rae-argentina-al-mundo/>

"As of 2 May 2017, WRMI is pleased to broadcast daily programs in Spanish and English of the **RAE (Radiodifusión Argentina Al Exterior, Argentina to the world)** from Monday to Friday. **RAE** is the external service of the national radio from Buenos Aires, Argentina. The schedule of transmissions will be:

Spanish: Monday to Friday 22:00 to 23:00 UTC on 5950 Khz for 49 metre band *

English: Tuesday to Saturday 01:00 to 02:00 UTC on 9395 Khz for 31 metre band *

* via WRMI

Attention: the reports of receipt of these transmissions sent us to RAE mail shall be confirmed with a special numbered QSL card.'

reported by Alan Roe, Teddington, UK

The *Catholic World News* report states that the newly appointed prefect of the Secretariat for Communications in the Vatican, Msgr. Dario Vigano, will cut off all shortwave broadcasts as a move to cut costs. One of the first moves in this regard occurred on March 24 when all English language broadcasts to Asia came to an end. This dramatic move in ending its shortwave transmissions will include the closure of their large shortwave station at Santa Maria di Galeria.

No specific date was indicated in the brief three paragraph news release as to the target date for closure. However, this same news release refers to the fact that the Vatican will no longer use the shortwave station at Santa Maria di Galeria, and that NHK Tokyo has already enquired regarding the possibility of buying this station.

Here, we go back to the beginning, and we investigate the origins of **Vatican Radio** and its first shortwave station. This is the story.

Back on July 25, 1925, a senior Vatican official issued a memorandum calling for the Vatican to establish its own radio broadcasting station, primarily for the broadcast of astronomy news from the Vatican Observatory. Two years later, the Italian-Irishman of radio fame, Guglielmo Marconi, received an official invitation from the Vatican to make plans for establishing a radio broadcasting station in the Vatican.

Two years later again, on February 11, 1929, a concordat was signed between the government of Italy and the Vatican, thus re-establishing the Vatican as a separate political entity with extra-territorial status. Then four days after the signing of this concordat, which is known as the Lateran Treaty, Marconi was entrusted with the installation of a radio broadcasting station, **Vatican Radio**.

Under the Marconi initiative, a new 10 kW shortwave transmitter was installed in Vatican City, or Leonine City as it is sometimes called. This transmitter and its associated equipment was manufactured in Marconi's own factory at Chelmsford in England.

The transmitter and self-supporting antenna

tower, together with its associated reflector at the base, was erected in the area of the enclave known as the Vatican Gardens. Interestingly, this new radio broadcasting station would operate solely on shortwave, and a mediumwave service would not be established until a dozen years later, during the stressful years of World War 2.

At 3:30 pm on Thursday, February 12, 1931, Marquis Marconi arrived and he entered the small studio where he announced to the world in fluent English that the official inauguration ceremony would begin just one hour later. This introductory shortwave transmission was heard loud and clear, it was reported, in New York City, USA, Melbourne, Australia and Quebec, Canada. All of the new electronic equipment was then switched off.

One hour later at the previously appointed time of 4:30 pm, the electronic equipment was officially switched on again, stage by stage. The transmitter operator sent out a short four word message in Morse Code in the Latin language as an indication that the official inauguration program was about to begin.

A few minutes later, Guglielmo Marconi himself, speaking again in fluent English, announced in two brief paragraphs the birth of shortwave station HVJ, the new **Vatican Radio**. Vatican dignitaries speaking in the Latin language for a full hour and a half, then pronounced the official inauguration of the new shortwave radio station whose signal could be heard around the world. Monitoring reports received subsequently indicated a good signal into so many different countries around the world.

Initial programming from shortwave HVJ consisted of two brief broadcasts each day; 15 minutes each, beginning at 5:00 am on 15120 kHz and at 2:00 pm on 5970 kHz. Program content was usually astronomy information from the Vatican Observatory, presented in the Italian language. There were, however, special broadcasts on special occasions, and occasional broadcasts in the English language.

Some six years later, in 1937, a German made 25 kW Telefunken transmitter, Model S379GR,

also shortwave, was installed, though programming still remained much the same, with English on Wednesdays and Saturdays. However, with war clouds ominous over continental Europe, developmental plans were laid in the Autumn of 1939 with increased programming in multiple languages.

The first mediumwave transmitter for **Vatican Radio** was installed during the year 1943 under the callsign HVI. From where did the Vatican obtain an additional radio broadcasting transmitter when active war was wreaking havoc and devastation in so many countries of continental Europe, including Italy itself?

By this time, the European war was turning against the central powers, and Italy signed a Peace Memorandum with the allies on September 3, 1943, the very day that British forces landed on the toe of Italy. And American forces followed very quickly afterwards, just three days later.

With the British and American presence already in Italy, we could guess that the new 1 kW transmitter in the Vatican came from either England or the United States. Perhaps the Marconi company in England, or perhaps RCA in the United States?

Over the years, additional mediumwave transmitters have been installed in the Vatican, including 100 kW on 1529 kHz in 1951, and several smaller units at 5 kW, 10 kW, 15 kW and 20 kW. Also in 1951, a Philips 100 kW shortwave transmitter was installed in Vatican City, though this was transferred six years later as the first transmitter in Santa Maria di Galeria.

The last shortwave transmitter in Vatican City itself was a double unit made up of a Marconi 50 kW and a Telefunken 30 kW, combined to produce 80 kW on the out of band channel 6210 kHz. This unusual operation was closed down half a dozen years ago.

2. Lonely Little Shortwave Station in Canada Closed [CKZU]

According to several recent reports, the small, isolated and low powered shortwave station located on the west coast of Canada is now declared to be off the air, permanently. The **CBC, Canadian Broadcasting Corporation**, shortwave station **CKZU** has been serving northern communities in British Columbia for 3/4 of a century. It left the air last year due to equipment failure, and it is now confirmed that the cost of replacement is not financially justified.

Several astute international radio monitors observed that the station was providing only intermittent service since about the middle of the year 2015, perhaps more often off the air than on the air. However, the noted international radio monitor Harold Sellers stated in the Danish bulletin, *DX Window*, that he heard shortwave **CKZU** with a strong signal on its regular 49 m, band channel, 6160 kHz, on September 30, 2016.

Harold Sellers lives in retirement in the city of Vernon in the central interior of British

Columbia, which is within the main target area of shortwave **CKZU**. That monitoring observation last year appears to be the last reliable logging of the signal from shortwave **CBC** in Vancouver, British Columbia.

Canadian international radio monitor Walter Salmaniw lives on Vancouver Island in the provincial capital Victoria, which is 60 miles across the waterway from the city of Vancouver, the home for shortwave **CKZU**. Quoting Colin Newell, Walter Salmaniw stated in an Internet release that the **CBC** in Vancouver has declared that the old **CKZU** transmitter is beyond repair, and the cost for replacement is not justified, due to the very limited number of listeners who tune in to its shortwave signal.

Shortwave **CKZU** has always been co-located with the main **CBC** mediumwave station in Vancouver and it was taken into service in December 1941. At the time, the mediumwave callsign was **CBR** and the shortwave callsign was **CBRX**. The low power RCA transmitter

was rated at just 150 watts, and the operating channel was 6160 kHz, the only channel ever used for CBC shortwave in Vancouver.

The transmitter and antenna system were co-installed with mediumwave **CBR** on Lulu Island, in what we would call the southern suburban areas of the city of Vancouver. This transmitter was placed into service for two specific purposes: as a program feed to a network of small low power **CBC** mediumwave relay transmitters throughout the province of British Columbia, and for direct reception by isolated listeners in the same areas.

Lulu Island is a small, low and flat island at the southern edge of Vancouver city. It is a silt island with some areas below both sea level and river level. The island was named in honor of a popular entertainer Lulu Sweet, apparently from Hawaii, who bought property on the island. Perhaps it was true that Lulu Sweet was indeed from Hono-lulu. An elevated dyke has been built up around the entire populated area of Lulu Island as protection against flooding from the Fraser River and against storms coming in from the Pacific Ocean.

The first transmitter base for **CBC** mediumwave **CBR** and shortwave **CBRX** was in the area of Lulu Island, which is now built up as suburban housing. The first antenna system was a diamond shaped rhombic, supported on four towers 50 feet tall and each leg was 240 feet long. The main lobe from this antenna system was directed a little to the northwest, thus ensuring coverage into the hilly coastal areas of British Columbia to the north.

On January 25, 1952, the callsign for mediumwave **CBR**, was changed to **CBU**, with the CB indicating CBC and the U indicating Vancouver. At the same time, shortwave **CBRX** became **CBUX**, with the X indicating shortwave.

Two years later (1954), the small 150 watt RCA transmitter was replaced by a Marconi transmitter from England, rated at 1 kW input and .5 kW output. Then, eleven years later again (1965), the shortwave callsign

was changed once more, due to the fact that international radio callsigns beginning with the two letters CB belonged to Chile, not Canada. Thus **CBUX** became **CKZU**.

Give two more years (1967), and a completely new transmitter station was constructed for **CBC** Vancouver. This new facility was still located on Lulu Island, though it is now on the water-logged ocean side of the protective dyke surrounding the built up housing areas of the island. Shortwave **CKZU** was moved into its new location alongside 50 kW **CBU**.

Then, in 1983, a new shortwave transmitter was installed for **CKZU**, an American made 1 kW Elcom Bauer, Model 701B, from California. This was the third shortwave transmitter for **CBC** Vancouver, and the one that has been sputtering somewhat during the last few years. The antenna system, supported on four wooden poles, is a dipole with passive reflector, thus still providing coverage to the north.

In 2008, it was rumored that shortwave **CKZU** might close; in 2013 the **CKZU** license was cancelled, though soon afterwards reinstated; in 2015 the station was off the air, though in September last year it was noted on the air again, at least for a while. Then in February earlier this year, shortwave **CKZU** was declared inoperable.

Yes, **CBC** shortwave in Vancouver has now joined the mounting pile of silent shortwave stations, though you can still see on Google Earth the wobbly antenna system, and the old transmitter building that still houses the 50 kW mediumwave **CBU** on 690 kHz. You will also see a scattered clustering of old pine tree trunks that have been washed up into the area due to storms and flooding.

So what then is left these days in the shortwave scene in Canada? Yes, you can still hear the **CBC** shortwave station **CKZN** in St. John's, Newfoundland with 1 kW on 6160 kHz; and **CFVP** in Calgary, Alberta with 100 watts on 6030 kHz; and **CFRX** in Toronto, Ontario with 1 kW on 6070 kHz. And don't forget the three channel operation of the chronohertz station **CHU** in Ottawa Ontario on 3330, 7850 & 14670 kHz.



Listener's Notebook

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

Times are UTC and frequencies in kHz.

AFGHANISTAN Summer A-17 of *Radio Afghanistan*. External Service effective from March 26:

1530-1730 on 6100 YAK English/Urdu/Arabic/Russian (DX Mix-Bulgaria)

6100, 1600, Kabul in clear 21/3 after strong Chinese closes on 6105. Ident "Radio Afghanistan" hrd at poor level 21/3 during Urdu tx. When I listened again on 23/3, Kabul was barely audible under. (Bryan Clark-New Zealand/NZDXTimes)

ALASKA 11765, 1403-, *KNLS* Mar 26 First day of A17 and I can confirm *KNLS* in English at this hour. Fair to good, only, as the MUF is struggling to get this high, plus, RHC is much louder and splattering from 11760. Not a great choice for us in WCNA. Nothing from transmitter 2 in Chinese on listed 7355. (Walt Salmaniw-Masset, BC/DXplorer)

ALBANIA *Radio Tirana* will leave shortwave and mediumwave at the end of March. But *Radio Tirana* not on shortwave from early February due to damaged transmitter Shijak.

0800-1000 on 7390 SHI Albanian Daily
1830-1900 on 7465 SHI French Mon-Sat
1900-1930 on 7465 SHI Italian Mon-Sat
2031-2100 on 7465 SHI German Mon-Sat
2100-2130 on 7465 SHI English Mon-Sat
0000-0100 on 7475 SHI Albanian Daily
0230-0300 on 7475 SHI English Tue-Sun

In this respect summer A-17 shortwave schedule of *Radio Tirana* will be inactive

0130-0200 on 9850 SHI English Tue-Sun
0700-0900 on 7390 SHI Albanian Daily
1700-1730 on 7465 SHI Italian Mon-Sat
1730-1800 on 7465 SHI French Mon-Sat
1931-2000 on 7465 SHI German Mon-Sat
2000-2030 on 7465 SHI English Mon-Sat
2300-2400 on 9855 SHI Albanian Daily (DX Mix-Bulgaria)

ANGOLA 4949.74, *R. Nacional de Angola*, on March 23, at 0232 and subsequent checking till 0404,

found clearly off the air. (Ron Howard-CA) 4949.74, *R. Nacional de Angola*, on March 27, another day this station was silent; 0300 and subsequent checking till 0357, with no trace of a carrier. (Ron Howard-CA)

ANTARCTICA 15476.969, exact frequency of Argentine Antarctic bcst station *LRA36 Radio San Gabriel*. Checked here on an remote Perseus unit, located between Liverpool and Birmingham in England. S=5 or -96dBm poor tiny signal. Noted female announcer from 2010, and later piano music til 2023, on April 7. (Wolfgang Bueschel-Germany/DXplorer) Also heard here in central Germany tonight (7 Apr'17) with surprisingly good signal at times Noted music at tune in around 1925, station ID around 1930, followed by Latin pop and report. Signal peaking here 1945, then becoming weaker and lost in the mud around 2005. Pity I missed their s/off procedure. Second time this week that I heard them, but today (as I hoped on last Monday) the signal indeed was a lot better. (Harald Kuhl-Germany/DXplorer)

AUSTRALIA A17 schedule for *Reach Beyond Australia* in English:

1115-1130 Su/Tu/Th/Fr 9685 (Spotlight)
1130-1145 Su 9685 (Family Care)
1145-1200 Tu/Th 11905 (Spotlight)
1215-1230 Mo 9685 (Spotlight)
1300-1400 Daily 9720
1300-1330 Fr 15340 (Hindi/English)
1400-1430 Daily 9720
1415-1445 Sa 15340 (Hindi/English)
1430-1445 Su/Tu/Th 15340 (Spotlight)
1445-1500 Mo-Fr 15320 (Spotlight)
(Reach Beyond Schedule via Alan Roe/British DX Club)

5055, in May 2017 *Radio 4KZ* Innisfail in far North Queensland will commence transmission between 4pm and about 9am (0200 to 1900) seven days a week. The station will run 1.5kw into an inverted V antenna and will be a full simulcast of 4KZ, 531. It expected that the service will provide satisfactory coverage to remote areas of the Cape where there are no AM or FM services available. (Al Kirton, General manager NQ Radio via Ed Kusalik-AB) This licence was only approved on March 21, so this is

a very recent development. The registration has been approved for a "tuned longwire" antenna, ND with 2.2 dB gain. Licensed for 1 kW with an EIRP of around 1600 watt, intended for local coverage. Antenna height of 10 meters. 5045, 5055, and 3210 have all been licensed to a few tiny backyard operators over recent years, and nothing much has ever come of it. The idea of having a proper larger commercial broadcaster using the 60mb to extend coverage further north makes good sense. Long distances and rugged terrain are inhibiting factors for coverage and regular maintenance of translators. (Rob Wagner-Australia VK3BVW, SW TX site yg April 12/TopNews) Station should be a good QSLer of reception reports. Unlike several planned HPON SW stations in Australia, this looks very promising. (Ian, SW TXsites yg, April 12/TopNews)

9720, *Reach Beyond Australia*; 1301-1307; English w/ religious pgm from Brisbane. Strong. (Don Moore-MI/DXplorer)

AUSTRIA Summer A-17 SW schedule via Moosbrunn:

BBC

0100-0130 on 7360 Pashto
0130-0200 on 7360 Dari
0400-0500 on 9410 Arabic
1200-1230 on 15490 French

Radio Japan NHK World

0500-0530 on 5975 English

Oesterreichischer Rundfunk

0500-0620 on 6155 German Mon-Fri
0500-0615 on 6155 German Sat/Sun

Adventist World Radio

0200-0230 on 9510 Urdu
0230-0300 on 9510 Punjabi
0330-0400 on 9550 Farsi
0400-0430 on 9550 Turkish
0505-0535 on 11955 Hausa
0600-0700 on 11880 Arabic
0800-0830 on 15145 French
1400-1430 on 15440 Urdu
1430-1500 on 17605 Afar
1500-1530 on 11935 Turkish
1530-1600 on 15160 Punjabi

1600-1630 on 15160 Urdu
1630-1700 on 15150 Farsi
1800-1900 on 11955 Arabic
1900-1930 on 11955 Hausa
1930-2000 on 15155 French
2000-2030 on 11880 Dyula
2030-2100 on 15155 French
2100-2130 on 11880 English
(DX Mix-Bulgaria)

BAHRAIN 9745u, 0405, *Radio Bahrain* w/AA news, music themes & ident. Followed past 0430 but starting to fade out 6/3. Distinctive Am/USB only transmission mode. (Bryan Clark-New Zealand/NZDXTimes)

BANGLADESH Summer A-17 of *Bangladesh Betar* is same as A-16 & B-16:

1230-1300 on 15105 English
1315-1345 on 9455 Nepali
1400-1430 on 15505 Urdu
1515-1545 on 15505 Hindi
1600-1630 on 7250 Arabic
1630-1730 on 7250 Bangla
1745-1900 on 13580 English
1915-2000 on 13580 Bangla
(DX Mix-Bulgaria)

4750, 1352-, *Bangladesh Betar* Mar 30. Totally dominating the frequency this morning with subcontinental music. Co-channel Indian is just audible. I'm measuring one on 4750.002 and the other on 4749.992, both appear about equal on the waterfall. I looked again at 15:27, and this time measure 4749.992 and 4750.000, although the latter, especially was smeared about 7 Hz compared to 3 Hz on the lower frequency. BD dominates the audio, however. Into English news at 1530. Getting a bit late this time of year due to earlier LSR (about 70 minutes ago now). (Walt Salmani-Masset, BC/DXplorer) 4750, Bangladesh Betar - HS, 1235-1243, April 3. The Monday only SAARC (The South Asian Association for Regional Cooperation) news bulletin in English; "Assalamu alaikum. This is Bangladesh Betar"; items - new Indian army chief visiting Bangladesh, China plays a vital role in economic development of the region, terrorist bomb blast in Pakistan at Friday prayers, etc.; poor, with usual CODAR and CNR1 QRM, but able to make out bits and pieces. (Ron Howard-CA)

BHUTAN 6035, *Bhutan Broadcasting Service*. F/D QSL letter (Pdf format) and friendly message 6 days

after my 4th F/UP. Total time from my original report: 14 months. V/S: Kaka Tshering, General Manager BBS radio. F/UP sent to: kakatshering@bbs.bt. NB: The report was about reception via Twente web SDR receiver in Holland. (Antonello Napolitano-Italy/DX Fanzine)

BRAZIL 4895a, 0630, *Radio Novo Tempo* w/Radio Bible Class in PP. Audio about 30 secs ahead of webstream. Good signal but disturbed by 'sweeper' QRM across the band 11/3. (Bryan Clark-New Zealand/NZDXTimes)

4965, *Radio Alvorada* Parintins; 0930-0938 08-Apr; Presumed w/ long ad string in Portuguese then into romantic mx. Weak. (Don Moore-MI/DXplorer)

5969.96, Mar 21, New Brazilian station? heard via webSDR Radio Sao Paulo new station? a station is on air in the frequency that previously occupied *Radio Itatiaia*, Belo Horizonte, 5969.96, this station is transmitting music continuously, specially classic music, with some identification such as something like: "Cala FM", "94.9 Sao Paulo". Perhaps is the same site and transmitter of Radio Itatiaia, but the programming is completely different to the Radio Itatiaia. (Méndez-Spain/Shortwave Bulletin) 5969.96, Mar 25, 1412, Heard via remote webSDR Sao Paulo classic brazilian songs and classic music, identification at: 1418: "*Scala FM* (or Scalla FM), onda curta 5970 kHz, frecuencia modulada, 94 virgula 9 mHz, Scala FM". 35433. The first time I heard "onda curta 5970" in its identifications". Other identifications at hours and 58 minutos, here at 1858 UTC: "94 virgula 9 informa, 3 horas, 94 virgula 9, Sao Paulo". (Méndez-Spain/Shortwave Bulletin) I sent an e-mail to the Scalla FM Instrumental asking if they are the same station is on short wave. They say the station on air on 5970 is not Scalla FM Instrumental, and there is not license to transmit on 94.9 mHz in the Sao Paulo area. They are interesting to know more about that station and asking me for a recorded file of this station as well I report them about any news. I will send them a file with the identification of the 5970 station. (Manuel Méndez, Lugo, Spain/Shortwave Bulletin) New station on 5970: Manuel Méndez reports on HCDX: New Brazilian station heard via webSDR radio in Sao Paulo: a new station is on air on the frequency that previously carried Radio Itatiaia, Belo Horizonte, 5969.96, this station is transmitting music continuously, specially classic music, with IDs such as "Cala FM", "94.9 Sao Paulo". Perhaps it is the same site and transmitter

of Radio Itatiaia, but the programming is completely different. Heard 21 March many hours on the air. Signal 35433 to 25422. Does anyone know which station this is? (WRTH/British DX Club)

10000, *Observatório Nacional (PPE)*. Reply (card and letter) came in 54 days after the follow-up. The person was the Head of the Time Signal Division and his e-mail address is: carvalho@on.br (Ricardo Jose de Carvalho) as well you can contact alternates as: fittipaldi@on.br (Mario Noto Fiiiipadi) and hssantos@on.br (Hamice S.I. Coda Santos). (Ed Kusalik-Canada)

11735, 2000, *Radio Trans Mundial* w/comprehensive station list, website details & ident in PP 24/3. Initially fair, was able to follow signal till closing around 2059. Frequency is 11734.967, usually stronger than co-channel Zanzibar on 11735.009. (Bryan Clark-New Zealand/NZDXTimes)

11765, 16/4, 2010, *Super Rádio Deus é Amor*, Curitiba, usual religious talks, good. (Giampiero Bernardini-Italy/PlayDX)

BULGARIA Summer A17 of *End Times Coming Radio Ex-Catholics For Christ* via SPL:

0230-0300 on 9400 SCB English, instead of 0100-0130 on 9400 SCB English winter B-16
1801-1831 on 12075 SCB English summer A-16
(DX Mix-Bulgaria)

SPC-NURTS Sofia Kostinbrod relay QSL via Spaceline Ltd., Sofia Bulgaria. CEO Dimitar Todorov lz1ax@mail.bg. (TopNews)

9400, *The Mighty KBC* have announced on their webpage: "You will hear us soon in Europe on Saturday afternoon on 9400 kHz from Kostinbrod (near Sofia) Bulgaria with 150.000 Watts of Mighty KBC Musical Power! The Giant Jukebox - Eric van Willegen 15:00 - 16:00 UTC Latest news: We are starting Saturday April 15." According to their Facebook page, this is in addition to their existing Sunday 0000UT transmission. (Alan Roe-UK)

CANADA 6030, *CFVP*, Calgary at 2018 with comedian Brad Williams, into string of ads (RBC bank, Chevrolet dealer, Mr. Detail, Reliance Plumbing and Heating, Zip Recruiter and Woodridge Ford), ID, comedian Christopher Titus. Good, Mar. 23. (Harold Sellers-BC/DXplorer)

CHINA Summer A-17 new frequencies of *China Radio International*:

0000-0057 NF 15600 BEI Portuguese, ex 9560 A-16
0200-0257 NF 15140 BEI Chinese, additional A-16
0300-0357 NF 12000 KAS English, ex 11770 A-16
0800-0957 NF 11710 XIA English, ex 11620 A-16
0900-0957 NF 13730 KUN Chinese, ex 17670 A-16
0900-0957 NF 13765 KUN Chinese, ex 17850 A-16
0900-0957 NF 13800 KUN English, ex 17650 A-16
1000-1057 NF 11875 KUN Cantonese, ex 15440 A-16
1000-1057 NF 11895 XIA English, ex 11610 A-16
1000-1057 NF 12005 KUN Cantonese, ex 17670 A-16
1000-1057 NF 13580 KUN English, ex 15210 A-16
1100-1157 NF 9570 KUN Cantonese, ex 13580 A-16
1100-1157 NF 9610 KUN Chinese, ex 15440 A-16
1100-1157 NF 11985 URU Mongolian, ex 11610 A-16
1200-1257 NF 11670 XIA English, ex 11690 A-16
1300-1357 NF 9800 KUN English, ex 11900 A-16
1300-1357 NF 13855 KAS Chinese, additional A-16
1400-1557 NF 13740 QVC English, ex 15700 A-16
1630-1727 NF 13870 KAS Hausa, ex 13785 A-16
2000-2057 NF 7255 KAS Chinese, ex 7245 A-16
2200-2257 NF 9880 KAS Esperanto, ex 9860 A-16
2200-2257 NF 15600 BEI Spanish, ex 9490 A-16
2300-2357 NF 15600 BEI Portuguese, ex 9560 A-16
(DX Mix-Bulgaria)

5979, *Gannan PBS*, 1319, April 1. Has been close to four months now since they moved from ex 5970 to this unique frequency. It was Dec 3 that Hiroyuki Komatsubara (Japan) first noted the change. Heard today in Chinese, with a weak signal. (Ron Howard-CA)

6060, *Sichuan PBS-2*. After recent monitoring, sorry to report that this station has done away with the ToH ID format that they used for many years, that included the ID in English ("Nationality Channel. Sichuan, the People's Radio Station. SW 6060, 7225, FM 88.1"); first heard that English ID back in May, 2013; the new format is much more abbreviated than the old one. Checked a number of days at ToH of 1100, 1200 & 1300. Will certainly miss their former distinctive IDs! (Ron Howard-CA March 24)

6080, *PBS Hulun Buir*, Hailer (presumed). Mongolian px with traditional sounding song followed by a mix of male and female talk from 1030. Good signal strength but poor audio made this difficult listening. 27/3. (Brennan-Australia/ARDXC)

CHINA (TIBET) 4905, 1610-, *Holy Tibet* Mar 25. I instantly recognized the female voice in English, as the Holy Tibet program from Lhasa. Into beautiful Tibetan music at 1611. Checking for // frequencies, I find 4920 is co-channel another station, 6025 is weak, 6200 is weak. 7255 is also quite strong, with weaker co-channel. 7385 is under much stronger Taiwan. Sounds like they were answering a letter from a Japanese listener. A bit too late for decent reception, as we're now well past LSR. It's been a long while since I've seen Tibet mentioned in the DX press. (Walt Salmaniw-Masset, BC/DXplorer)

CHILE 5825, Mar 17, 2232, *R Triunfal Evangélica*. Weak music noted here for about a quarter or so. When I arrived at the frequency at 2210, the station was on 5825.061 and slowly drifting downwards. At 2245 no more audio could be heard and the frequency had drifted down to 5825.006. I also noted a carrier with very weak audio on March 16. The station was spot on 5825.0 at 2300 that day. QSL: I have several times checked for 5825 R Triunfal Evangelica. Mostly there has been nothing but a few times I have noted only a weak carrier on the frequency. But on March 16 very low audio could be noted for only some minutes but on March 17 it was possible to get decent but weak audio for about 15 minutes. I almost never send reports but I couldn't resist this time to report them. Today March 23 got the following message from the director: *Don Thomas Nilson, nos dio mucha alegría, al saber que nuestra RTE. se ha escuchado lejos aun con señal dificultosa. Muy hermosas las fotos adjuntas, pronto le enviaremos la E-QSL, pero de antemano le deseamos ricas bendiciones a usted y familia de parte de nuestro Señor y Salvador Jesucristo. Nuestra Radio pertenece a nuestra Misión Pentecostal Fundamentalista, quien la dirige mi persona, Obispo Fernando González Segura.* In the LA QSL List there are two verifications noted. In 1994 to Lars Hultman in Bureå, Sweden and in 1995 to Jari Ruohomäki in Mäntsälä, Finland. So a very seldom guest in our loudspeakers. A very exciting reception. (Thomas Nilsson-Sweden/Shortwave Bulletin)

CLANDESTINE Summer A-17 of *Radio Al-Mukhtar* via MBR Issoudun from Mar.28

1500-1558 on 15205 ISS Arabic Tue
(DX Mix-Bulgaria)

- Summer A-17 schedule of *Denge Kurdistan* by transmitters
- 0230-0500 NF 7350 ISS Kurdish, ex 11600
0500-1400 on 11600 KCH Kurdish
1400-1600 on 11600 SCB Kurdish
1600-1900 on 11600 ISS Kurdish
1900-2030 on 11600 KCH Kurdish
(DX Mix-Bulgaria)
- Reception of *Radio Voice of Adal* via MBR Issoudun on April 5
- 1500-1530 on 15205 ISS Arabic Wed/Sat, good to strong
1530-1558 on 15205 ISS Tigrinya Wed/Sat, poor to fair
(DX Mix-Bulgaria)
- Summer A-17 of *Voice of Oromo Liberation* via MBR Nauen from March 29
- 1700-1730 on 15420 NAU Afar Oromo Wed/Fri/Sun
1730-1800 on 15420 NAU Amharic Wed
(DX Mix-Bulgaria)
- Summer A-17 of *Lutheran World Federation/Voice of Gospel* via MBR Issoudun, March 26
- 1830-1900 on 15315 ISS Fulfulde Sawtu Linjilia/V.of Gospel
(DX Mix-Bulgaria)
- Summer A-17 of *Radio Al-Mukhtar* via MBR Issoudun from Mar.28
- 1500-1558 on 15205 ISS Arabic Tue
(DX Mix-Bulgaria)
- Summer A-17 of BaBcoCk *Dimtse Radio Erena* via SPL from March 26:
- 1700-1730 on 11965 Tigrinya Mon-Fri, not reg.11885
1730-1800 on 11965 Arabic Mon-Fri, not reg.11885
1700-1800 on 11965 Tigrinya Sat/Sun, not reg.11885
(DX Mix-Bulgaria)
- A-17 of clandestine broadcasts to Tibet and North Korea via DB/TAC:
- Voice of Tibet*
- 1200-1210 on 11508 DB Chinese
1210-1230 on 11503 DB Chinese
1230-1235 on 15517 DB Tibetan
1235-1305 on 15523 DB Tibetan
1305-1335 on 15522 DB Tibetan
1335-1400 on 15517 DB Tibetan
- Radio Free North Korea*
- 1200-1300 on 15630 TAC Korean, same in A-16
- National Unity Radio*
- 1200-1500 on 11550 DB Korean, same in A-16
- Voice of Wilderness*
- 1330-1530 NF 7615 TAC Korean, ex 7620 A-16
- North Korea Reform Radio*
- 1430-1530 on 11570 TAC Korean
- Voice of Martyrs*
- 1530-1700 NF 7510 TAC Kor/En, ex 7515 A-16
- North Korea Reform Radio*
- 2030-2130 NF 7500 TAC Korean, ex 7585 A-16
(DX Mix-Bulgaria)
- Frequency changes of *Voice of Tibet*, April 4-5:
- 1200-1210 NF 11507 DB Chinese, ex 11508
1210-1230 NF 11513 DB Chinese, ex 11503
1230-1235 on 15517 DB Tibetan unchanged
1235-1305 NF 15527 DB Tibetan, ex 15523
1305-1335 NF 15528 DB Tibetan, ex 15522
1335-1400 on 15517 DB Tibetan unchanged
(DX Mix-Bulgaria)
- Summer A-17 frequencies of *Shiokaze Sea Breeze* from March 26:
- 1300-1400 on 6040 YAM as follows
1300-1330 Chinese Mon; Japanese Tue/Sat;
Korean Wed/Fri/Sun; English Thu
1330-1400 Korean Mon/Wed/Fri/Sat; Japanese Tue/Sun; English Thu
1405-1435 on 6090 YAM Japanese Daily, co-ch CNR2

1600-1700 on 7215 YAM as follows
1600-1630 Chinese Mon; Japanese Tue/Sat;
Korean Wed/Fri/Sun; English Thu
1630-1700 Korean Mon/Wed/Fri/Sat; Japanese
Tue/Sun; English Thu
(DX Mix-Bulgaria)

6040, *Shiokaze/Sea Breeze*, via Yamata, continues to be free of N. Korea jamming on this new frequency, on March 27, at 1331; scheduled 1300-1400. (Ron Howard-CA)

6090, *Shiokaze/Sea Breeze*, on March 27, at 1406. In Japanese with the usual segment "A message from the Japanese Government"; into what I assume was the programming of "Furusato No Kaze" ("Wind of Hometown") program (per Hiroshi), still in Japanese; fair-good with no jamming, but faint CNR2 QRM far underneath. (Ron Howard-CA)

7615, *Voice of Wilderness*, Tashkent. S/on 1330 with the trumpet call, intro music, ID, and a mix of Korean talk and music. Plenty of carrier this night but modulation was well down. 11/3. (Wagner-Australia/ARDXC)

15420 *R Itahuka*. Came on at 1800 (March 25) with really lovely, mellow Afr pop music by chorus and band, then into live OM anmts with nice ID at 1804. Then this man interviewed a second gent from 1806 onward. Microphone mod way weaker than the music, which had been blasting. Is this really from Talata? Nice sig. (Ralph Perry-IL)

COLOMBIA 5910a, 0535, *Alcaravan Radio* w/ Latin rhythms & SS talk 5/3 on measured 5910.136. (Bryan Clark-New Zealand/NZDXTimes) With NHK leaving frequency this is audible again. (RAD)

6010a, 0603, *La Voz de Su Consciencia* w/ regular SS idents, talk & vocals. Poor with frequency wandering between 6010.139 and 6010.144 - not to be confused w/ co-channel Brazil on 6010.026 5/3. (Bryan Clark-New Zealand/NZDXTimes) The "other" Colombian also noted in Wyomissing recently. (RAD) 6010, *La Voz de tu Consciencia*; 0943-952 08-Apr; Llanero type harp mx (typical of plains of Colombia and Venezuela) at tune-in. Then a bluegrass song. At 0951 3 IDs and pgm promo stating that this pgm plays all types of mx. Then into some oldtime Latin big band mx. Fair. (Don Moore - MARE DXpedition Brighton-MI/DXplorer)

CONGO (DEMOCRATIC REPUBLIC) 5066.4, Mar 23, -2017*. Hi out there, it took me a while to figure out some details at least... No trace of modulation till about 1945, songs since then, with only very short announcements (the last one by female just before sign-off). Melodies let me think it's a West African station, little instrumentation, gospel-like in parts - or just "local music"? *Radio Candip* not hear for how many months? Maybe six, or more? Even approximate dates of stations' disappearances are somewhat more difficult to find out (in one's mind or somewhere else) than those of reappearances... (Thorsten Hallmann, Muenster, Germany, via RealDX/Shortwave Bulletin) 5066.393, *Radio Candip* Bunia channel. Noted on threshold level, much talk of African accented male voice in French? At 1948 on March 25. Was OFF air, when checked at 2004 again. (Wolfgang Bueschel-Germany/DXplorer)

CUBA Summer A17 frequency changes of *Radio Habana Cuba* from April 9:

0100-0700 NF 6145 BAU English, ex 6165 A-16
2100-0400 NF 7340 BEJ Spanish, ex 9710 A-16
(DX Mix-Bulgaria)

More A-17 frequency changes of *Radio Habana Cuba* from April 9:

1100-1200 NF 13670 BEJ Spanish, ex 9640 A-16
1100-1300 NF 6100 BAU Spanish, ex 9850 A-16
1100-1400 NF 6060 BAU Spanish, ex 9710 A-16
0100-0700 NF 6145 BAU English, ex 6165 A-16
2100-0400 NF 7340 BEJ Spanish, ex 9710 A-16
2230-2300 NF 15730 BEJ French Mon-Sat, x 17730 A-16
2230-2300 NF 15730 BEJ Esperanto Sun, ex 17730 A-16
2300-2330 NF 15730 BEJ Creole, ex 17730 A-16
2330-2400 NF 15730 BEJ Portuguese, ex 17730 A-16
0000-0030 NF 15730 BEJ Quechua, ex 17730 A-16
(DX Mix-Bulgaria)

ECUADOR 6050, 0601, *HCJB* Quito inaugurated a new 1kw transmitter here on 1 March - ran 24 hours for a few days only. Noted 4/3 w/ SS promos for FM frequency and mentions of "amigos en Quito". Not traced recently. (Bryan Clark-New Zealand/NZDXTimes) 6050, *HCJB*; 0229-0232 08-Apr; man and woman ancr in local lang with ID and then into Ecuadorian national anthem. (Don Moore-MI/

DXplorer) New HCJB SW transmitter on 6050: A new transmitter was put into operation on 6050 kHz on Mt. Pichincha on 2 March. It is an "in-house" 1 kW transmitter from the former HCJB technology centre - now SonSet - in Elkhart Indiana, USA. Because of the altitude (4,000m above sea level) and the equator (around 15 km) the 1 kW signal reaches amazingly well even to Europe. (Horst Rosiak HCJB Vozandes Media, Quito 2-9 March via WB BC-DX) HCJB 6050 initially tested 24-hours but from 9 March reverted to the standard schedule which is 0925-1400 and 2100-0233. Best reception in Europe is probably from around midnight until 0233 sign-off. (British DX Club)

EGYPT Summer A-17 new frequencies of *Radio Cairo* from March 26:

1300-1400 NF 15630 ABS Dari, ex 15400 A-16
1330-1530 NF 13580 ABZ Farsi, ex 15790 A-16
1500-1600 NF 9830 ABS Albanian, ex 13580 A-16
1500-1600 NF 13770 ABS Uzbek, ex 15160 A-16
1600-1800 NF 12085 ABS English, ex 15345 A-16
1900-2000 NF 9570 ABS German, ex 9590 A-16
2100-2300 NF 15400 ABS French, ex 13580 A-16 (NZDXTimes)

EQUATORIAL GUINEA 5005, *RNGE*, R. Bata, on March 23, the best reception I have had here in a long time! Open carrier at 0516; suddenly at 0527 had African singing; Wolfie's "Hungarian Gypsy violin Czardas music" and ID at 0531; from 0533 to 0542 monologue in Spanish. I also heard a "Radio Nacional" ID. (Ron Howard-CA)

ERITREA 7175, *VOBME 2* (presumed), on March 28, from 1414 to 1500, heard with only open carrier; audio seemed to start at 1500; HOA music till again hit at *1502 with the start of strong white noise (or DRM?) jamming, blocking reception. Again nothing heard around their other frequency of 7146. (Ron Howard-CA)

ETHIOPIA 6090, *Radio Amhara*, Addis Ababa - Gedja. Listed as Amharic lge. Some male talk and traditional sounding music. Very good. 2002, 10/3. (Brennan-Australia/ARDXC)

FINLAND *3ABU* has a 3-month SW licence starting from 4 March on 3960 and is relaying *Pispalan Radio*. The SW transmitter is located in Hämeenkyrö. It should be parallel with Pispalan Radio on 729 from Tampere. (Jan-Mikael Nurmela via WRTH FB, SDXL 6 March) Very low power but I have

confirmed it via remote receivers in Sweden with old-time Finnish music. (Dave Kenny-UK/British DX Club)

25000, *Time Signal Station Mikes*, Espoo. During the last month's, I could not be able to receive this station and thinking maybe it's out of air, I sent an e-mail to the station's staff and here is the reply: "Dear Manuel: On 20 Jan. 2017, we had to turn the 25 MHz transmitter off due to disturbances it caused to some delicate measurements in our laboratories. At the moment, I cannot predict the date of resuming the transmissions. Best Regards". (Manuel Méndez-Spain/Shortwave Bulletin)

GERMANY Summer A-17 of *DWD Deutscher Wetterdienst* eff. from March 26

0600-0630 on 6180 PIN German CUSB
1200-1230 on 6180 PIN German CUSB
2000-2030 on 6180 PIN German CUSB
(DX Mix-Bulgaria)

3985, *R. 700-Kall*, 0042, 18 April 2017, signal fair and readable at peaks playing what sounds like some pretty sappy pop ballads, Barry Manilow? Brief ham QRM but maintaining pretty steady signal level. Verified audio with web site. Some of the best audio I have had from them in quite awhile. Now into Beatles song, much better. Ham net, 75-meter stateside net, coming up on adjacent frequency covering audio @ 0100. (Stephen Wood-MA)

6180, 0603, *DWD (Deutsche Wetterdienst)* w/GG weather news via 10kw CUSB transmitter at good level 11/3. In clear when Brazil breaks down, which is frequently at present. Quick QSL response advises transmitter changing to AM mode soon. (Bryan Clark-New Zealand/NZDXTimes) 6180 usb, Deutsche Wetterdienst was heard on 18th, 19th and 26th March 0600-0630 with the usual male announcer and weather reports for shipping in German. Clear identification by female announcer at 0600 sign on and again at 0630 before closing. Although occasionally heard mixing with Radio National do Amazonia co-channel, Deutsche Wetterdienst is the stronger signal and easily dominates the channel. (Michael Ford-UK/British DX Club)

With the start of summer time on 26 March *Mi Amigo International* will extend its SW broadcasts on 6085. On this frequency we will be on air 7 days a week from 0700-1700. That means also more 'live-shows' at the weekend. From April forward there

will also be 'live-shows' every Friday the whole day. (Radio Mi Amigo on Facebook 21 March via MWB) Radio Mi Amigo is also scheduled via Kall on 7310 Sat-Sun at 1000-1400. (British DX Club)

Radio DARC to Cover IARU Region 1 General Conference on Shortwave this Fall: Radio DARC — the shortwave broadcast program of the Deutscher Amateur Radio Club in Germany (DARC) — has announced plans to broadcast six programs during the 24th International Amateur Radio Union Region 1 (IARU-R1) Conference, September 16-22 in Landshut, Germany. IARU Region 1 includes Europe, Africa, the Middle East, and Northern Asia. Rainer Englert, DF2NU, of Radio DARC said the broadcasts from the conference, in English, will keep the IARU Region 1 ham radio audience up to date with news and background reports. "Although targeted to IARU Region 1, the transmissions are likely to be heard in North America, too, as 2,000 kW EIRP from a log periodic antenna will be used for the western European beam in the 31-meter broadcast band," Englert said. Radio DARC is the weekly magazine of the German Amateur Radio Club for radio amateurs and shortwave listeners, with three broadcasts on 6,070 for Europe. Typical programs contain DX news, technical features, and reports from the DARC, as well as commentary, propagation forecasts and music from the 1970s and 1980s. After the discontinuation of Deutsche Welle and other shortwave broadcasters, the weekly DARC program is one of the few remaining from Germany. "Several transmitters of up to 300 kW and three shortwave bands will be used to allow reception in different target regions of the world," Englert said. In 2015, a group of radio amateurs in Germany obtained a license to broadcast on the 49-meter band after German national broadcaster Deutsche Welle closed down a 500 kW shortwave broadcast transmitter near Munich. Using parts scavenged from the Deutsche Welle site, the ham group built up its own 10 kW transmitter and launched Channel 292. The Austrian Broadcasting Transmitters Corporation (ORS) near Vienna is a broadcast partner for the IARU R1 General Conference, and broadcasts covering that event will air via ORS and Channel 292 transmitters. Preliminary Schedule: Sunday, September 17 through Friday, September 22, 2017: 1730-1800 on 13775; 1730-1800 on 9790; 1800-1830 on 6070; 1800-1830 on 9540 (ARRL Letter via Ron Hunsicker-PA)

R Tirana was noted here in German on 6005 via Kall. Meanwhile, the English service was noted via

the internet at 2000 starting with confirmation that the English service was now internet only. Stream cut abruptly mid-sentence after about 10 minutes with the IS followed by the Italian service. (Alan Roe-UK, BrDXC yg March 27)

GUAM A-17 last minute frequency changes of **AWR KSDA** from March 26:

0000-0030 NF 15750 SDA Thai, ex 11730 TRM
1300-1330 NF 11900 SDA Khmer, ex 15150 TRM
1300-1330 NF 15430 DB Dzonka, ex SDA in B-16
1330-1400 NF 11825 SDA Thai, ex 15445 TRM
1400-1430 NF 11540 SDA Asho Chin, ex 15150 TRM
1430-1500 NF 11540 SDA Pwo We.Karen, ex 15150 TRM
1500-1530 NF 11540 SDA Nepali, ex 15525 TRM
1530-1600 NF 11755 TAC Oriya, ex 11855 TRM
1600-1630 NF 11540 SDA Urdu, ex 11695 TRM (DX Mix-Bulgaria)

Reception of **KTWR Trans World Radio Asia** in English on April 1:

1230-1300 on 11695 TWR English Sat, weak to fair
1200-1230 on 11695 TWR English Sat wrong in HFCC
1315-1345 on 7510 TWR English Sat, very weak
1430-1500 on 9975 TWR English Mon-Sat, good (DX Mix-Bulgaria)

INDIA (SIKKIM) 4835, **AIR Gangtok**. March 28, continues off the air; also confirmed silent today by Mauno Ritola. (Ron Howard-CA) From Gautam Kumar Sharma, (Abhayapuri, Assam, India): "I have observed All India Radio-Gangtok back on air today morning i.e. on March 31st around 0059 (signing on with AIR signature tune...Bande Mataram Song ... opening announcements in Nepali by a lady, music) onwards on 4835 with good strong steady signal. It was observed that AIR-Gangtok was off the air on 4835 for past several days. (Ron Howard-CA)

4895, **AIR Kurseong**. Slow ballad-style Indian songs at 1334 with Hindi chat between items. Pleasant listening. Not a strong signal but in the clear with occasional splash from the strong Voice of Strait on 4900, 11/3. (Wagner-Australia/ARDXC) Pleasant listening, exotic mx 1218, then anncts., sounded like an advert., then more mx, 1/4 (Craig Seager-Australia/ARDXC)

4910, **AIR Jaipur**. Softly spoken Hindi discussion at 1359, then a softly sung Hindi song at 1400! The

carrier and modulation were both somewhat soft, too! 11/3. (Rob Wagner-Australia/ARDXC)

4920, **AIR Chennai**. Hindi current affairs program at 1348, a fair signal and somewhat stronger than the co-channel PBS Xizang's Tibetan service. 11/3. (Rob Wagner-Australia/ARDXC)

5010 and 7290, **AIR Thiruvanthapuram** noted back on air from yesterday 19 April 2017 after one week's absence. (Jose Jacob-India, VU2JOS via Wolfgang Bueschel-Germany/DXplorer)

15770, **AIR Bengaluru**. Found this in unscheduled English at 1040 with music programming, then a commentary on China at 1050. News at 1055 before ID and s/off at 1100. Fair to poor signal and running // to the somewhat stronger 13695, 16/3. (Rob Wagner-Australia/ARDXC)

INDONESIA 3325, Pro 1 **RRI Palangkaraya**, 1414, March 26. At the end of their local news, gave ID and played the patriotic song, "Bagimu Negeri," which was composed in 1942, by Koesbini; followed by ID "Programa Satu RRI Palangkaraya"; unusually good propagation, providing decent reception. (Ron Howard-CA)

3344.870, 1352-, **RRI Ternate** Mar 25. Superb reception of RRI Ternate with lovely Indonesian music. Certainly better than any of the mornings I monitored from Masset in January. Some static crashes, but a nice S9 + 10 signal and excellent modulation. RRI Palangkaraya also very strong on 3325 with S9 + 10 to 20 at same time (with usual musical ID I've heard before). Multiple IDs mentioning Ternate at 1422. Continuing very strong! (Walt Salmaniw-Masset, BC/DXplorer) 3344.86, RRI Ternate, March 26, with outstanding propagation; 1313-1324 & 1334-1406; coverage of some event; a lot of background sounds; EZL music. (Ron Howard-CA)

4870, 1350-, **RRI Wamena** Mar 30. Best reception yet on measured 4869.908 with great reception, besides some static crashes. As usual, need to use LSB to avoid the Indian above 4870. Off at 1448 this morning with "I am sailing" in background with talk. (Walt Salmaniw-Masset, BC/DXplorer) 4870, RRI, Wamena. Fair in Indonesian on 5/3 at 2034 (Adams-Australia/ARDXC) Excellent reception with mix of music and talk in Indonesian. 0950, 28/3 (Brennan-Australia/ARDXC)

9524.96, **VOI**, 1302, March 29. Even better reception than yesterday; in English; news; announcement about the "Wonderful Indonesia Quiz 2017"; free trip to Indonesia; questions to the quiz (1. What is the tagline of Indonesian Tourism? 2. What is your favorite segment in Voice of Indonesia? 3. Tell us briefly why you want to visit Indonesia); email answers to voiquiz2017@gmail.com; "Commentary," "Today in History," "Focus". (Ron Howard-CA) 9524.95, VOI, 1358, April 3. Ending the segment in English with clear ID. Recently several stations have been heard well above their normal reception, this one and Radio Vanuatu. Due to propagation? (Ron Howard-CA) 9525a, 1855, Voice of Indonesia concluding GG 18/3, good reception. English from 1900 - prgm summary, news & conterst to win trip to Indonesia. Their English is a bit hard to understand. Also hrd w/FF after 2000 17/3. Actual frequency is around 9524.9. (Bryan Clark-New Zealand/NZDXTimes)

Summer A-17 schedule of **Voice of Indonesia** is same as A-16/B-16

1000-1100 on 9524.9 English
1100-1200 on 9524.9 Chinese
1200-1300 on 9524.9 Japanese
1300-1400 on 9524.9 English
1400-1500 on 9524.9 Indonesian
1500-1600 on 9524.9 Chinese
1600-1700 on 9524.9 Arabic
1700-1800 on 9524.9 Spanish
1800-1900 on 9524.9 German
1900-2000 on 9524.9 English
2000-2100 on 9524.9 French
(DX Mix-Bulgaria)

IRAN A17 schedule for **Islamic Republic of Iran Broadcasting** in English as per HFCC:

0320-0420 on 9420-kam 9825-kam (presume this slot is "Voice of Justice")

1020-1120 on 17820-kam 21510-kam
1520-1620 on 11640-kam 11830-sir
1920-2020 on 7315-kam 9420-kam 9800-sir 9810-sir
(HFCC/British DX Club)

A-17 English schedule of **PARS TODAY / VIRI IRIB**:

1523-1620 on 11830 SIR English
1923-2020 on 9800 SIR English
1923-2020 on 9810 SIR English

The station used txs only via Ahwaz, Sirjan and Zahedan Transmitters in Kamalabad is not on air from A16 period All registered frequencies in HFCC as KAM, are inactive. (DX Mix-Bulgaria)

9810, VOIRI via Sirjan; 1928-1938, 07-Apr; Mid-eastern mx then Eng nx at 1930. (Don Moore-MI/DXplorer)

JAPAN Summer A-17 changes of *Radio Japan NHK World* from March 26

0300-0500 NF 6105 ISS Japanese, ex 5910 A-16
0300-0500 NF 9490 NAU Japanese, ex 11680 A-16
0430-0500 on 6165 NAU Russian, ex SIT in A-16
0500-0530 on 5975 MOS English, ex WOF in A-16
0700-0800 NF 11825 YAM Japanese, ex 11790 A-16
0800-0900 NF 15280 YAM Japanese, ex 13650 A-16
0900-0930 on 6090 YAM Chinese, cancelled A-17
0915-0945 on 5950 YAM Korean, cancelled A-17
1100-1130 on 6090 YAM Korean, new time A-17
1100-1130 NF 7355 YAM Russian, ex 6090 A-16
1130-1200 on 6090 YAM Chinese, ex Korean A-16
1200-1230 on 6090 YAM Korean, ex Chinese A-16
1230-1300 on 6190 YAM Chinese, ex Korean A-16
1300-1330 on 6190 YAM Korean, ex Chinese A-16
1330-1400 on 6190 YAM Chinese, ex Korean A-16
1400-1430 on 6190 YAM Korean, ex Chinese A-16
1430-1500 on 6190 YAM Chinese, ex Korean A-16
1530-1600 on 9540 YAM Chinese, cancelled A-17
1930-2000 NF 9480 YAM English, ex 9645 A-16
2000-2100 NF 9480 YAM Japanese, ex 9645 A-16 (DX Mix-Bulgaria)

A17 schedule for *NHK World Radio Japan* in English

0500-0530 Daily 5975-mos 11970-iss
0710-0725 Sa/Su 5985 (via Radio Myanmar)
1100-1130 Daily 11695-smg
1100-1130 Fri 9760-wof(drm)
1400-1430 Daily 11705-hbn 11935-tac
1540-1600 Th/Fr 5985 (via Radio Myanmar)
1800-1830 Daily 9755-mey
1930-2000 Daily 9480-yam 9710-smg
(HFCC, Wolfgang Büschel-Germany/British DX Club)

KOREA (NORTH) 9425, *Voice of Korea* at 2026 signing on, Korean to Europe, music, man with schedule. Good, Mar. 23. (Harold Sellers-BC/DXplorer)

KOREA (SOUTH) A17 schedule for *KBS World Radio* in English

0200-0300 Daily 9580 9690**

0800-0900 Daily 9570

1100-1130 Sun 9760-wof(drm)

1230-1330 Daily 6095**

1300-1400 Daily 9570 15575-kim

1400-1500 Daily 9880 9640**

1500-1600 Daily 9880**

1600-1700 Daily 9515 9640

1800-1900 Daily Eu 7275

2200-2300 Daily 11810

**these freqs carry KPop- Korean pop mx (British DX Club)

6015, *KBS Hanminjok Bangsong 1*, 1000, March 24. Time pips; in Korean; hosted by Kwak Young Il, who is easily recognized by his distinctive voice; intro with ID for the program "Pops Freedom, KBS" and slow ID for "K - B - S"; playing some pop songs (Cyndi Lauper - "Girls Just Want to Have Fun," etc.); usual series of three nice IDs; first by native speaker of English, second in Korean and third in English by Kwak Young Il - "Now you are listening to KBS, Pops Freedom"; regular segment "Everyday English" language lesson; poor, but cutting through the ever present white noise jamming from N. Korea, and at times semi-readable. Happy to find that this program is still being aired! Website in Korean - <http://goo.gl/ihRfFe>. (Ron Howard-CA)

KUWAIT Thanks to a tip by Rich Nowak on the Shortwave Radio Station Listening Facebook group - I am hearing R Kuwait back in English on 15540 right now at 1810 on Sunday 9 April. (Alan Roe-UK) Broadcast continuing past 1930 with dance music, traffic safety message, then soft spoken yw/ program on Islam in women's hearts. Signal is at S9 levels but is beginning to suffer from significant fades. Several breaks in transmission audio. Nice to hear them again. (Stephen Wood-MA) Kuwait peaking now at 2015 with nice signal, pop music. (Chris Lobdell-MA) 15540, tuned in at 1802 April 10 for Radio Kuwait sign on in English with IS and frequency announcements followed by talk of Qu'ran and Islam. Fair. (Mick Delmage-AB) Well, this is going to be a wonderful addition to the bands. Glad to see at least one country bucking the trend and bringing back shortwave. Heard them flip on the xmtr at 1757 with music and a YL ancr, then at 1800 anthem and OM EE opening anmts. Good signal but today lots of pops from t-storm crashes so couldn't really enjoy. But this is going to be a terrific signal to listen to in the local afternoons. Supposed to run to 2100*. (Ralph Perry-IL)

LAOS 6130, *Lao National Radio*. Great reception (March 26) this morning, compared to yesterday. English started at 14:31:20 or so, after Chinese. An interesting program, all about Laos only, and easy to follow, though native Laotians with English as second language. Brief Laotian musical interludes. Announced, I'm sure, 567 (sic) MHz, AM 6130, and FM, as well the Internet. Peaked at almost excellent level at about 14:45. Switched to French at 15:01:10. The splatter from 5 above and below was much reduced today vs yesterday. Conditions or A17? Highly recommended. No chance on MW with Sapporo there. (Walt Salmaniw-BC/DXplorer) 6130 Lao National R., Vientiane. Lao talk by a female announcer at 1112, two lovely lilting traditional songs at 1118, male announcer with a talk at 1123. Not a strong signal and quite noisy atmospherics. Nothing heard from PBS Xizang, 16/3. (Rob Wagner-Australia/ARDXC)

LITHUANIA The Sitkūnai shortwave site has closed; the last broadcast was on 25 March at 0430-0500 with a relay of NHK on 5910. (British DX Club)

MADAGASCAR A-17 last minute changes of *WCB Madagascar World Voice* from March 26:

0200-0300 NF 6190 MWV Spanish tx#1 La Voz Alegre, ex 6070

0300-0400 NF 6190 MWV Spanish tx#1 La Voz Alegre, rx 6170

0300-0400 on 15515 MWV English tx#2 African Pathways Radio

1900-2000 on 9820 MWV Russian tx#2 KNLS New Life Station

Note: 15515 kHz is unregistered in HFCC & in HFCC is registered 9720 kHz, not 9820! (DX Mix-Bulgaria)

MEXICO 6185, Apr 16, -0534*, *Radio Educación*, Ciudad de México, classic music, program "Mujeres Compositoras", "Radio Educación". (Méndez-Spain/Shortwave Bulletin) 6185.01, Apr 19, 0417, R. Educación lively instru. XE Ranchera mx. Finally call and name ID by W in SP at 0454, and back to Ranchera vcl mx. All songs at this time seemed to be by the same W vclist. Deadair after song at 0503 to at least 0507. Gone at 0518 recheck. Big signal w/some 6180 splash QRM until it went off at 0456. Also some QSB. (Valko-PA/Shortwave Bulletin)

MICRONESIA 4755, I sent an email to *The Cross* station asking about his plans to return to the short wave and here is the answer: "Dear Manuel,

Thank you for your inquiry. At present, the power situation in the island is not consistent with many power outages throughout the day. We are working on getting solar equipment to be able to do the SW again. Please pray for provision. God bless! Melinda. Melinda R. Espinosa, CFO/Administrator, Pacific Mission Aviation, P.O. Box 3209, Hagatna Guam 96932, www.pmapacific.org". (Manuel Méndez-Spain/Shortwave Bulletin)

MONGOLIA 12035, 0919, *Voice of Mongolia*; interview, f speakers, p-f in EE; schedule anncd at end. 7/3. (Jonathan Wood-New Zealand/NZDXTimes)

MOROCCO (SPANISH) *Radio Medi 1* was back on shortwave after several days of absence:

0000-2400 on 9575 NAD Arabic/French, fair/good on April 24

1000-2100 on 9524.9 various languages no signal of Voice of Indonesia today April 24 (DX Mix-Bulgaria)

NEW ZEALAND I noticed that the home page and other pages of the RNZ international service now brands itself as "RNZ Pacific" (although remnants of RNZI branding still appears). I checked some on-air announcements and find that the on-air ID currently remains as "RNZI/Radio New Zealand International". (Alan Roe-UK)

PALAU 9965, *World Harvest Radio*; 1259-1301 08-Apr; End of one preacher and then into the other. No ID. Good signal. (Don Moore-MI/DXplorer)

PERU 4775, *Radio Tarma*; 1002-1015 08-Apr; Caught end of s/on anmts w/ IDs. Then into chicha mx. Fair w/ swisher QRM. (Don Moore-MI/DXplorer)

4810, *Logos*. It's 1012 (Apr 25) and I'm getting some decent audio on 4810. Of course, the UTE just above is on so LSB is necessary. But I'm hearing what sounds like soft religious Pop music definitely in Spanish. Audio much improved. I guess this is Logos. I haven't heard it this well in a long time and haven't seen it reported. (Dave Valko-PA)

PHILIPPINES A17 schedule for *Radio Pilipinas* in Tagalog and English:

0200-0330 on 12010-pht 15640-pht 17820-pht 1730-1930 on 9910-pht 12120-pht 15190-pht (British DX Club)

6115, 16/4, 2100, **R. Veritas Asia**-Palauig, Chinese, slow talks, fair/good. (Giampiero Bernardini-Italy/PlayDX)

9910, **R. Pilipinas**, Tinang. NF, talks in Tagalog (EE listed) 1902, fair on 30/3. (Craig Seager-Australia/ARDXC)

15225, **Radio Veritas Asia**: F/D QSL card, acknowledgement card, 2 stickers and bookmark in 230 days. It should be said that the QSL is dated 15 September 2016 and sent on 26 January 2017. In the meantime I sent a F/UP on 13 January 2017. The reply came 63 days after my F/UP but apparently they acknowledged my original reception report. A few days before I also received (See DX Fanzine nr. 42) a N/D acknowledgement card, 2 stickers and Waterproof Bag Case for Cell Phone with RVA logo, by registered mail. V/S: Arlene A. Donarber. (Antonello Napolitano-Italy/DX Fanzine)

ROMANIA A17 schedule for **Radio Romania International** in English

0000-0100 Am 7375 9730
0300-0400 Am 7375 9730
0300-0400 As 11825 15220(DRM)
0530-0600 Eu 9620 7330(DRM)
0530-0600 Au 17760 21500
1100-1200 Eu 13770 15130
1100-1200 Af 17760 21570
1700-1800 Eu 11810 13660
2030-2100 Eu 6170 9535(DRM)
2030-2100 Am 9610 11850
2200-2300 Eu 7430 9760
2200-2300 As 7325 9790

(RRI via Martin Reynolds-UK/British DX Club)

RUSSIA The fate of powerful broadcasting. Chukotka and Magadan want to revive SW Broadcasting! The issue is being worked out in Moscow. Broadcast SW will be a radio center in Elizovo, Kamchatka Territory - 2 SW of transmitter for 100 kW of type "Thunder" and "Purga". (RUS-DX # 918/Shortwave Bulletin)

SOLOMON ISLANDS 5020, SIBC, 1153, Apr 3. Christian song before the start of "Evening Devotional"; "closing down" ID & NA. 1202 - A seamless switch over to the Wantok FM 96.3 relay; usual pop hit songs; normal Wantok IDs; still doing well at last check, at 1402. (Ron Howard-CA) 5020, SIBC; 0939-1002 08-Apr; Weak w/ mix of mx styles. Ads in English and local lang. Pips and into nx at TOH

but ID not picked out. (Don Moore-MI/DXplorer)

SOUTH AFRICA A17 schedule for **Channel Africa** (all broadcasts to Africa, Mo-Fr only):

0300-0400 English 3345-mey 5980-mey
0400-0500 English 3345-mey
0500-0600 English 7230-mey
0600-0700 English 7230-mey 15255-mey
0700-0800 English 7230-mey
0800-1200 English 9625-mey
1100-1200 English 9625-mey
1200-1400 Vernacs 9625-mey
1400-1500 Port. 9625-mey
1500-1600 English 9625-mey
1500-1600 Swahili 15660-mey
1600-1700 French 15235-mey
1700-1800 English 15235-mey
(British DX Club)

SRI LANKA SLBC noted back on 11905 after many months today. Schedule is 0115-0230 in Hindi. Excellent signal with old Hindi film songs. (Jose Jacob DX India 22 March/British DX Club)

11905, **SLBC**; 0141-0203 08-Apr; Sounded like some sort of drama pgm w/ bits of Indian style mx. Clear until 0200 when some cochannel QRM came up. ID at 0202. (Don Moore-MI/DXplorer)

TAJIKISTAN 9900, **Shortwave Service** via Dushanbè: F/D QSL card "Wooden bird on the background of the antennas" in 43 days. E-mail: info@shortwaveservice.com. (Alexander Golovikhin-Russia/DX Fanzine)

THAILAND Since 1 January listed **BBC WS** relays via Thailand have been replaced by sites in Dhabya (UAE), Singapore, Tashkent and Armenia. Details were not registered with the HFCC and nothing was announced by the BBC at the time, this has only come to light as a result of foreign press reports. No relays via Nakhon Sawan are registered with the HFCC for the summer A17 period and I suspect that this is a permanent closure of the Thailand SW site by the BBC. (Dave Kenny-UK/British DX Club)

TURKEY A17 schedule for **TRT Voice of Turkey** in English is exactly the same as last summer:

0300-0400 on 6165 9515
1230-1330 on 15450
1630-1730 on 15520

1830-1930 on 9785
2030-2130 on 9620
2200-2300 on 9830
(HFCC/British DX Club)

USA RFA A17 Broadcast Frequency Schedule - 26
March through 28 October 2017:

Burmese

0030-0130 on 12115 15700 17785
1230-1330 on 7530 11805 13820
1330-1400 on 7530 11805 12140
1400-1430 on 7530 11805

Cantonese

1400-1500 FNP

Khmer

1230-1330 on 12140
2230-2330 on 13740

Korean

1500-1700 on 5830 7455 11850
1700-1800 on 9975 11985
1800-1900 on 9975 11830
2100-2200 on 7460 9700 11945

Lao

0000-0100 on 15690
1100-1200 on 15195

Mandarin

0300-0400 on 13790 15665 17520 17665
0400-0500 on 13790 15615 17520 21505
0500-0600 on 13790 15615 17520 21690
0600-0700 on 13790 15615 17520 17810
1500-1600 on 9455 13675 15430
1600-1700 on 9910 11610 13570 13675
1700-1800 on 9355 9965
1800-1900 on 9355 9965 11560
1900-2000 on 9355 9745
2000-2100 on 6080 9355 9745
2100-2200 on 7435 9685
2300-2400 UTC 9535 11785 15570

Tibetan

0100-0200 on 9370 9680 11705 17730 + 1 FNP

0200-0300 on 9370 11705 11745 17730 + 1 FNP
0600-0700 on 15720 21540 21690 + 1 FNP
1000-1100 on 13800 15330 + 1 FNP
1100-1200 on 7470 13830 15265 + 1 FNP
1200-1300 on 7470 11540 13830 15265 + 1 FNP
1300-1400 on 7470 11540 13830 15275 + 1 FNP
1500-1600 on 9355 11870 + 1 FNP
2200-2300 on 7505 9370 + 1 FNP
2300-2400 on 6075 9555 9875

Uyghur

0100-0200 on 9350 9780 11640 11945 15580
1600-1700 on 9355 9555 15720 17890

Vietnamese

1400-1430 on 9950 11850
1430-1500 on 9950 11850

FNP - frequency not promoted (Why list on the schedule? RAD) (Direct from Andrew "A.J." Janitschek, Director, Program & Operations Support, Radio Free Asia)

Summer A-17 of *Radio Tamazuj* and *Radio Dabanga*

Radio Tamazuj

0330-0430 on 9600 SMG Juba Arabic
0330-0430 on 11650 MDC Juba Arabic
1430-1500 on 15150 ISS Juba Arabic
1430-1500 on 15550 SMG Juba Arabic
1500-1530 on 15150 MDC Juba Arabic
1500-1530 on 15550 SMG Juba Arabic

Radio Dabanga

0430-0530 on 9600 SMG Juba Arabic, ex till 0600
0430-0530 on 11650 SMG Juba Arabic, ex till 0600
0430-0530 on 13800 MDC Juba Arabic, ex till 0600
1530-1600 on 15150 MDC Juba Arabic, ex till 1630
1530-1600 on 15550 SMG Juba Arabic, ex till 1630
(DX Mix-Bulgaria)

Other broadcasts of **VORW Radio International** are via US Private rlg stations

2000-2100 on 11580 YFR English Thu Okeechobee tx#9
0000-0100 on 7490 BCQ English Fri WBCQ The Planet
0000-0100 on 9395 YFR English Fri Okeechobee tx#6
0000-0100 on 9455 YFR English Fri Okeechobee tx#5
(DX Mix-Bulgaria)

9275, Fire at **WMLK**: Fire damages Christian ministry radio transmitter building in Bethel Township - Reading Eagle - 24 March: The building housing the radio transmitter for an international Christian ministry in northwestern Berks County was damaged by an electrical fire, a state police fire marshal said. Crews were called to the fire shortly after 1 p.m. Wednesday [22 March] at Assemblies of Yahweh, 90 Stauffer Lane, just north of Interstate 78 in Bethel Township, Trooper Janssen M. Herb said. Firefighters found flames on the roof and interior of the structure and were unable to contain the fire because of strong wind gusts. Flames spread to the rest of the structure, which contains multiple high-voltage electrical transformers for the radio transmission. No injuries were reported. The building was occupied at the time, and the radio station was broadcasting, Herb said. The fire caused at least \$5,000 in structural damage and perhaps tens of thousands of dollars in damage to electrical equipment, the fire marshal said. An investigation showed the fire originated where aluminum electrical wiring extended from the building to the antenna, energizing the antenna. The exact cause of the ignition to the roof and structure hasn't been determined. According to its website, Assemblies of Yahweh, a religious organization and ministry, was founded in 1966 as Sacred Name Radio Broadcast by the late Jacob O. Meyer, known as Elder Meyer. Meyer, who died in 2010, spent much of his life advocating understanding and usage of biblically correct sacred names in worship and study. Calls to the ministry for information about the fire's impact on operations went unanswered Thursday. (The Reading Eagle/Alan Pennington/British DX Club) My local paper *and* I read about it in the BDXC! (RAD)

9275, 2033, WMLK Bethel PA w/preaching in EE 2/3, ident at 2136 "WMLK broadcasting from Bethel, Pennsylvania. I'm Elder Jacob Meyer" and refs to Sacred Name Broadcasts. Closing anncts at 2158 give frequency as 9475, good and clear. Many years since I last hrd this. (Bryan Clark-New Zealand/NZDXTimes)

VANUATU 7259.96, R. Vanuatu. April 3, with the third day of above average reception; 1244-1302 with pop songs; followed by drums and blowing of conch shell; ID and news in vernacular. (Ron Howard-CA)

VATICAN Radio Veritas Asia via Santa Maria di Galeria on April 5:

1430-1457 NF 11630 Urdu, ex 15330 A16, good (DX Mix-Bulgaria)

A17 schedule for **Vatican Radio** in English as per HFCC:


0300-0330 Daily on 7360-smg
 0500-0530 Daily on 9660-mdc
 0630-0700 Daily on 11625-smg 13765-smg
 0630-0645 Mo-Sa on 15595-smg
 0700-1030 irreg on 17785-smg (irreg -special events)
 1130-1200 Fri on 15595-smg 17590-smg (Mass)
 1530-1600 Sat on 9800-pht 11700-pug (Mass)
 1615-1630 Daily on 15595-smg
 1730-1800 Daily on 9660-mdc 15570-smg
 2000-2030 Daily on 7360-smg 9670-smg
 (HFCC/Mike Barraclough-UK/British DX Club)

Vatican Radio's news broadcasts to South Asia in English were on SW at 0140, 0300 and 1530 and these have been discontinued. The HFCC is still listing Mass in English to Asia at 1530 Saturdays. There were press reports during March claiming that Vatican Radio had stopped its SW broadcasts to Africa but this has proved to be incorrect as both the Africa and Middle East broadcasts in English continue on SW as per the above schedule. (Dave Kenny-UK/British DX Club)

VIETNAM 6020, *Voice of Vietnam*-Buôn Mê Thuôt. A weak signal at 1154 with a talk in a local language, pop ballad duet at 1157. Music continued past 1200, till anncts at 1205. This is the Network 4 Minorities Service. 16/3. (Rob Wagner-Australia/ARDXC)

ZAMBIA 5915, *R. One/ZNBC*, on March 23, start of IS at 0241; 0415-0419, the often heard GOtv promo in English & vernacular; 0500-0515, news/weather in English (long item about Zambia and the "ICC" [International Criminal Court], Zambian Air Force officer killed by police, etc.); better than normal reception. (Ron Howard-CA)

ZANZIBAR 11735, 16/4, 1950, *Zanzibar BC*, nice songs, good. (Giampiero Bernardini-Italy/PlayDX)

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

Pirate Radio Report

George Zeller • 3492 West 123rd Street • Cleveland, OH 44111 • georgez@nacs.net

Shortwave pirate broadcasting continued at a very brisk pace once again during the past month. Pirate broadcasting inevitably increases around major North American holidays. You ought to make your plans to listen to the increased pirate broadcasting activity that is certain to appear around Memorial Day, which this year falls on Monday, May 28, 2017. Every year there is increased pirate radio activity on shortwave, both on Memorial Day itself and during adjacent weekend days.

One downside is that the forthcoming beginning of Summer 2017 creates rising static levels on the shortwave bands. Springtime storms move us out of the winter DX season.

Your editor apologizes for the missing Pirate Radio Report in recent months. He was confused about the deadline dates for the monthly *Journal*. This month we begin the process of catching up on what we recently missed.

Pirate busts by the FCC during the past month were about usual this month in volume. A handful of FM pirates recently were confronted by FCC sanctions. Olivia Ulage received a Notice of Unlicensed Operation for operating a pirate on 93.3 MHz from a residential property in Miami, FL. Michele Hepburn received a Notice of Unlicensed Operation for operating a pirate on 101.5 MHz from a residence in Mount Vernon, NY. Maxo and Gilberte Jean Baptiste Georges received a Notice of Unlicensed Operation for operating a pirate on 98.5 MHz from a residence in West Palm Beach, FL. Gloria Jiminez received a Notice of Unlicensed Operation for operating a pirate on 89.5 MHz from a residence in Miami Gardens, FL. Jose P. Inca received a Notice of Unlicensed Operation for operating a pirate on 96.5 MHz from a residence in Bayonne, NJ. Duayne L. Smalling received a Notice of

Unlicensed Operation for operating a pirate on 106.1 MHz from a residence in Bronx, NY. Lincoln Maxwell received a Notice of Unlicensed Operation for operating a pirate on 105.7 MHz from a residence in Bronx, NY. Pierre Troussant received a Notice of Unlicensed Operation for operating a pirate on 98.5 MHz from a residence in Pompano Beach, FL. Cornell Morris and Vernal Harris received a Notice of Unlicensed Operation for operating a pirate on 89.5 MHz from a residence in Miami Gardens, FL. Lafortune Volcey received a Notice of Unlicensed Operation for operating a pirate on 98.5 MHz from Eglise De Dieu De Jesus Christ Church in Orlando, FL. Lucas Medina received a Notice of Unlicensed Operation for operating a pirate on 92.9 MHz from Christo La Solucion Church in Knightdale, NC. None of these recent busts were of shortwave pirates.

Your pirate DX news and logs for this column are always welcome. Feel free to send them in so that others can follow trends on how and where others are hearing unscheduled and ever-changing pirate radio operations on shortwave.

One widespread problem this month was several pirates operating on the same frequency at the same time. It's not clear if this was intentional networking or unintentional substantial interference.

Amphetamine R. 6950 2248 4/22/17 poor in QRM. Prgm of mx w/CW IDs and SSTV image and USA NA at close. (Taylor-WI)

Captain Morgan 6950 0156 4/13/17 fair. Prgm of violin & organ mx. (Taylor-WI)

Captain Morgan 6950 0156 4/14/17 fair. Prgm of violin & organ mx. (Taylor-WI)

Gospel R. Shortwave 6925 0053-0058 3/27/17 poor in QRM. Prgm of contemporary Christian mx. (Taylor-WI)

Liquid R. 6925 0155 3/27/17 weak. Prgm of dance mx. (Taylor-WI)

Liquid R. 6925 0155 4/9/17 fair to poor. Prgm of rock mx. (Taylor-WI)

Liquid R. 6924.9 0132-0134 4/9/17 S8. Prgm of rock mx. (Hauser-OK)

Liquid R. 6925 AM 0003-0155* 4/17/17 very poor. Prgm of undermodulated mx. (Hauser-OK)

Pee Wee R. 6935 2338 3/31/17 poor to fair. Prgm of various classic rock and pop oldies mx w/CW IDs.. (Taylor-WI)

Pee Wee R. 6880 2236 4/22/17 poor. Prgm of mx w/CW IDs. (Taylor-WI)

Pee Wee R. 6950 0127 4/22/17 good. Prgm of rock & pop oldies w/CW IDs, although some brief switches to AM mode. (Taylor-WI)

Pee Wee R. 6925 0217 4/9/17 fair. Prgm of slide guitar mx. (Taylor-WI)

R. Eyeball 6935 2346 4/15/17 poor. Prgm of blues mx & sketches. (Taylor-WI)

R. Free Mars 6950.2 0058-0120 4/23/17 fair to inaudible. Prgm of classic rock mx w/OM & YL IDs. (Taylor-WI)

R. Free Whatever 6930 0001 4/16/17 good. DickWeed w/rock mx prgm. (Taylor-WI)

R. Free Whatever 6930 0001 4/16/17 S8-S9. Prgm of rock mx. (Hauser-OK)

R. Illuminati 6930 2347-0200 4/7-8/17 fair. Prgm of atmospheric instr mx. (Taylor-WI)

R. Illuminati 6930 2239 4/21/17 poor in co-channel QRM. Prgm of mx w/OM IDs. (Taylor-WI)

R. Illuminati 6930 0021-0006 4/21-22/17 poor in co-channel QRM. Prgm of mx w/CW and SSTV image mized in. (Hauser-OK)

R. Noid 6930 0015-0023 4/16/17 S9. Prgm of rock mx, IDed only by SSTV image at close. (Hauser-OK)

R. Ronin 6930 0030 4/8/17 fair. Prgm of rock mx w/relay ID and SSTV image by Pee Wee R. at close. (Taylor-WI)

This is not WMPR 6925 0015-2059 3/26/17 S9 but fair in noise. Usual prgm of "dance mx" w/no addr. (Hauser-OK)

Unknown Name Radio Network 6880 0000 4/23/17 fading. Prgm of low fidelity mx and a synthesized OM vox ancr giving a hotmail addr. (Taylor-WI)

Unknown Name Radio Network 6880 2310 4/23/17 poor. Synthesized OM vox ancr playing mx & giving a hotmail addr. (Hauser-OK)

WMPR 6555 AM 2353-0114 4/23/17 poor in QRM. Usual prgm of "dance mx" w/no addr ancd. (Taylor-WI)


Whispery Wolverine R. 6930 0048 4/8/17 good. Neil Young songs w/whispered ID at close. (Taylor-WI)

Wolverine R. 6935 0011 4/16/17 poor. Prgm of jazz mx w/SSTV image at close. (Taylor-WI)

Wolverine R. 6935 0015 4/16/17 poor. Prgm of very old mx incl a cowboy song. (Hauser-OK)

WREC 6950 2217 4/1/17 fair. Prgm of rock mx de P. J. Sparx, who QSLed in a couple of weeks. Stn appears reactivated. (Ross-ONTO)

XLR8 6880 2353-0148 4/23/17 poor in QRM. Prgm of classic rock mx. (Taylor-WI)

XLR8 6880t 0008 4/23/17 poor in QRM. Prgm of classic rock mx. (Hauser-OK) 

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787



AUSTRALIA: 2325
Tennant Creek
2485 Katherine
and 4835
Alice Springs
All 3 stations
verified their
last day trans-
mission via
regular postal

mail w/ a nice long email response from Ryan MacArthur who works in Master Control at ABC Darwin in 14 ds. He attached a scan of the station's previous QSL card, since they no longer have any physical cards to send out. He stated: "Our presenters and staff enjoyed hearing from shortwave listeners all around the world. Most recently, we heard from a listener as far away as Finland. It is a shame that yours will probably be the last correspondence we receive, now that the shortwave service has ended."...Very nice indeed! (D'Angelo-PA).

FRANCE: Radio Oomrang 15215 via Issoudun The station verified my email * report overnight w/ a f/d PDF attachment from Michael Pjetz, Sales Consultant, Business Unit Radio at Media Broadcast. (D'Angelo-PA).

GERMANY (East): Nordeutscher Rundfunk 5930 The station verified my email report for their Christmas Eve Gruss An Bord broadcast in 35 days w/ two separate "NDR Das Beste am Norden" cards. (D'Angelo-PA).

KYRGYZSTAN: Kyrgyz Radio 4010 Verification was received in two weeks via email for a taped report and \$3.00. v/s Deputy Director General of

Radio KTRK. (Smith-MA).

PHILIPPINES: Voice of America 7460 I received an "IBB Philippines Transmitting Station" QSL card for a report direct to the station site. The card was f/d and showed "Powerful Transmitters and Antennas towering hundreds of feet". (D'Angelo-PA).

QSL

TCS Shortwave Relay Network
This confirms your reception of The Crystal Ship
'70s Jukebox
April 2, 2014
0020-0134 UTC
6876 kHz AM
Richard D'Angelo
www.tcsshortwave.com

Rather short QSL Column this month. But it contains some verie nice verifications.Sam.

Sam

Contributors' Page

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

- | | |
|------------------------------------|---|
| Rick BARTON, El Mirage, AZ | 8R, Grundig Satellit 750, outdoor wires, slinky |
| Ed CICHOREK, Somerset, NJ | IC-R-75, SW-8, ICF-2010, Eavesdropper |
| Rich D'ANGELO, Wyomissing, PA | RX340, R8B, E1, E5, DX Sloper, Mini-Windom, FL3, ANC4 |
| Mick DELMAGE, Brandon, MB | Eton E100, V-shaped random wire |
| Jim EVANS, Germantown, TN | R75, ICF-SW7600G, Perseus, Eavesdropper, random wire |
| John FIGLIOZZI, Sarasota, FL | HF150 |
| Glenn HAUSER, Enid, OK | FRG-7, DX-398/ATS-909, YB400, ICF SW-07 |
| Ron HUNSICKER, Wyomissing, PA | no equipment listed |
| Chris LOBDELL, Salem, MA | et6n E1, Par end fed long wire |
| Bill McGUIRE, Cheverly, MD | DX-380 |
| Ralph PERRY, Wheaton, IL | R8B, NRD-545, E1, 355' bi-dir LW |
| Alan ROE, Teddington, UK | Winradio G31 Excalibur, ELAD FDM-S2 17m long wire |
| Ronald SIVES, South Plainfield, NJ | Eton field radio and 66' SWL dipole |
| Mark TAYLOR, Madison, WI | Perseus, SDRPlay, RTL2832 V3 Dongle, E1, Sat 800,
PL660, 40m dipole, 100' long wire, mini whip |
| David TURNICK, Sinking Spring, PA | RX340, WinRadio G31DDC, Alpha Delta DX sloper,
49m dipole |
| Paul WALKER, Galena, AK | PL880, 225' longwires, DXE RPA-1PLUS HF preamp,
ZM2 tuners |
| Jack WIDNER, Edinboro, PA | Tecsun PL-880, 25' Sony rollup longwire |
| Stephen WOOD, Harwich, MA | Drake R8B, 25x50 60 deg N/E superloop  |

2000-30000 kHz

Loggings

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

- 2850 NORTH KOREA *Korean Central Broadcasting*, 4/6, 1212. Soprano vocalist, patriotic music, W presenter. VG on SW-2000629, shortwave. (Barton-AZ)
- 3320 NORTH KOREA *Pyongyang Broadcasting Service*, 4/6, 1220. Happy sounding all-soprano choir, patriotic music. VG. (Barton-AZ)
- 3320 KOREA (DPR) *Pyongyang BS*, Pyongyang (presumed), 1105-1110. Talk in Korean by a man. Very weak, threshold level signal with only minor fading. Above noise level 75% of the time. Very good conditions for reception of Korean stations in 3 MHz and 4 MHz ranges this morning. 4/8/2017 (Evans - TN)
- 3325 PAPUA NEW GUINEA (BOUGAINVILLE). *NBC Bougainville*, Buka, 1133-1139. Ballad music. A minute of talk by a man at 1135 in what appeared to be a mix of English and Pidgin, then more music. Weak signal. 3/22/2017 (Evans - TN)
- 3345 SOUTH AFRICA *Channel Africa* - Meyerton, 0341-0402 Mar 22, man and woman announcer with discussion feature in the English language. Vocal selection at 0349 followed by more talks. Fair. (D'Angelo-PA)
- 3480 KOREA (Rep.) *Voice of the People* — W in Korean speaking forcefully, then M speaking @1130 through jamming. Poor-Fair. //4450, 4457, 6518, 6600. (FiglioZZi-FL)

- 3480 **SOUTH KOREA *Voice of the People*** (T) 4/6, 1229. Korean lang. M presenter, soprano vocalist, same kind of music usually hrd from (and not to) DPRK. Also loud jammer noted. I'm tentatively calling this VotP, but the music sounded more like the DPRK patriotic music, making me wonder if they were txmitting here to jam in the way PRC China uses/misuses their CNR1 network. Solid S-9 on SW-2000629. (Barton-AZ)
- 3480 **KOREA (ROK). *Voice of the People***, Goyang, Gyeonggi-do, 1109-1112. Talk in Korean by a woman. Weak to moderate strength signal. No jammer heard. Also noted on 3912 and 4557 with much weaker signals and heavy jamming. 4/8/2017 (Evans - TN)
- 3985 **UNID** Pile up of jamming, hams, Echo of Hope (Korea, Rep.), CNR2 China Business Radio @1128. (Figliozzi-FL)
- 3985 **KOREA (ROK) *Echo of Hope***, Hwaseong, 1123-1126. Talk in Korean by a woman. A few bars of music at 1125 followed by continued talk. Very weak signal with ARO interference. No jammer heard. 4/8/2017 (Evans - TN)
- 4557 **SOUTH KOREA *Voice of the People***, 4/6, 1245. W in Korean over both jammer and CODAR emissions. (Barton-AZ)
- 4750 **BANGLADESH *Betar*** at 1345 UTC April 11 with local music. Fair. (Delmage, AB)
- 4790 **TAJIKISTAN *BBC*** in Uzbek at 1329 UTC April 11 with big signal smack in the middle of CODAR with exotic music BBC London ID, 5 plus 1 time pips off mid-sentence at 1330:18 UTC. Good (Delmage, AB)
- 4865 **BRAZIL *Unidentified***, 0122-0125. Talk in Portuguese by a man, briefly joined at times by a second man. Weak signal with heavy utility interference. Both Radio Verdes Florestas (Cruzeiro do Sul) and Radio Alvarado (Londrina) are listed here. R. Verdes has been more recently and more frequently reported, but no ID heard. 3/31/2017 (Evans - N)
- 4875 **BRAZIL *Radio Difusora Roraima***, Boa Vista (presumed), 0338-0341. Talk in Portuguese over pop music by a man. Pop vocals at 0340. Moderate strength signal. Brazil also strong on 4885 tonight. 3/28/2017 (Evans - TN)
- 4925 **BRAZIL *Radio Educacao Rural***, Tefe, 0125-0127. Talk in Portuguese by a man and a woman. Very weak signal, struggling to keep above the noise. 3/31/2017 (Evans - TN)
- 4949 **ANGOLA *Radio Nacional de Angola*** - Luanda (presumed), 0334-0356 Mar 29, discussion program in the Portuguese language by several male announcers. Poor signal which was eventually lost in the noise. (D'Angelo-PA)
- 4950 **ANGOLA *Radio Nacional*** 03/28 OM & YL ancrrs talking 2328 followed by more African pop-sounding music 2330. Portuguese, but I still can't manage an ID out of them, this being my first real audio to emerge out of
- 4960 **SAO TOME *Voice of America*** - Pinheira, 0400-0407 Mar 22, tuned in to hear Yankee Doodle theme music followed by station ID and a man announcer with news in the English language. Poor. (D'Angelo-PA)
- 5020 **SOLOMON ISLANDS *SIBC*** — @1126, very weak with music discernible. (Figliozzi-FL)
- 5020 **SOLOMON ISLAND *SIBC*** Wantok FM at 1311 UTC April 11 with pop/rock music with long silent periods between tunes. Abrupt off at 1323 UTC. Good (Delmage, AB)
- 5020 **SOLOMON ISLANDS *Solomon Islands BC***, Honiara, 1139-1141. Island pop music occasionally heard peaking above the noise on a very weak signal with interference from R. Rebelde on 5025. 3/22/2017 (Evans - TN)
- 5910 **COLOMBIA *Alcaravan Radio*** - Puerto Lleras, 0332-0407 Apr 4, vocals followed by a man with a long Spanish language religious talk. Several mentions of Puerto Lleras at 0351 by another man. Nice ID at 0400 before group vocals. Fair. (D'Angelo-PA)
- 5925 **VATICAN *Afia Darfur*** - Santa Maria de Galeria, 0312-0329* Mar 29, two men in discussion in the Arabic language with frequent mentions of "Darfur" and "Sudan". Some instrumental music followed by another discussion by several woman. Vocal selection just prior to carrier being terminated. Fair to good. (D'Angelo-PA)
- 5950 **ETHIOPIA *Voice of Tigray Revolution*** - Addis Ababa, *0256-0337 Mar 14, familiar IS followed by a man announcer in listed Tigrinya language at 0259 followed by flute music and another man announcer speaking over the flutes. Music programming until 0330 when news was heard. Fair. (D'Angelo-PA)
- 5950 **ETHIOPIA *Voice of Tigray Revolution*** - Addis Ababa, *0258-0326 Apr 4, familiar IS followed by a man announcer at 0301 with opening announcements in presumed Tigrinya language. Into non-stop Horn of Africa music programming. Poor to fair although somewhat noisy conditions. (D'Angelo-PA)
- 5960 **OMAN *BBC*** 2350-2358, 3-22-17. Male in English with talk but very degraded signal. Sounded like political commentary with ments of the BBC. Poor. At 2358 signal lost to V. O Turkey with interval signal and ID in English. (Cichorek-NJ)

- 5980 **PERU Radio Chaski** April 7 at 0050, VP carrier from R. Chaski, but better than usual with some talk, music modulation, until autocutoff at 0104:58*, which is 47 seconds later than last catch one week ago, March 31 until 0104:11*, so averaging 6.7 seconds later per, slippage right on schedule (Hauser-OK)
- 5995 **NEW ZEALAND Radio New Zealand Int'l** — at 1150 "Dateline Pacific" in EE. Fair to good. (Figliozzi-FL)
- 5995 **MALI Radiodiffusion Télévision du Mali** – Bamako (presumed), 2330-0002* Apr 4 and 5, noted carrier with very little audio, some French talk by a man and occasional bits of music heard the first night but even less audio the second night. Carrier terminated at 0002 each night; at least something appears to be working correctly at the station. Signal was fine but without audio this isn't much of a broadcast. (D'Angelo-PA)
- 5995 **NEW ZEALAND Radio New Zealand Int'l** 4/6, 1450. Vocal music, M presenter. F/G. (Barton-AZ)
- 6005 **JAPAN Radio Nikkei** – M in JJ 1117, W in JJ heard 1122, Classical mx @1135. //3925. Both fair. (Figliozzi-FL)
- 6010 **COLOMBIA La Voz de tu Conciencia** - Puerto Lleras, 0346-0417 Apr 5, a man announcer with long Spanish language religious talk. Id at 0400 followed by announcements and some music. Poor signal. (D'Angelo-PA)
- 6010 **COLOMBIA La Voz de Tu Conciencia**, Puerto Lleras, 0309-0314. Slow tempo Spanish language vocal music. A short announcement by a woman at 0310 followed by more music. Weak signal with some minor fading. 4/12/2017 (Evans - TN)
- 6020 **CHINA China Radio Int'l** at 0005 2/23 in EE with the National News (McGuire-MD)
- 6040 **JAPAN Sea Breeze** (cland.), 4/6, 1300. M in Korean, short electronic music bridges between segments. At 1355, M and W with clear ID in English: "This is the Shiohaze Sea Breeze from Tokyo Japan". China Radio Int'l (via Xian) in Chinese came over with its opening at 1400. Good. (Barton-AZ)
- 6050 **EQUADOR HCJB**, 2326-2341, 39-17. Male in Spanish with slow delivery followed by instrumentals. At 2330, flute music with possible ID by woman. Into indigenous music. Fair to poor reception. (Cichorek-NJ)
- 6050 **ECUADOR Voz Andes HCJB**, Quito — M in SS 1220. Fair. (Figliozzi-FL)
- 6050 **ECUADOR HCJB** Quito, 0219-0233* Apr 2, man announcer in Spanish language with long religious talk with occasional instrumental music in background. At 0229 a woman announcer with ID and Spanish language announcements followed by time pips at 0230. A man spoke briefly introducing a male vocalist. The carrier was terminated during his song. Poor to fair. (D'Angelo-PA)
- 6070 **CANADA CFRX** — relaying CFRB 1010 Toronto's morning news talk show. Fair @1155 w/deep fades and V of Korea in JJ underneath. (Figliozzi-FL)
- 6070 **CANADA CFRX** April 9 at 0051, CFRX talkshow with W&M, laughter, about bands and clubs (not meter bands, or radio clubs, but music & venues); 0056 mentions "world of music" and outro as 'In the Studio'. I'm checking whether 'Geeks & Beats' is still on air, as previously scheduled, peripherally apt for a listing in DX/SWL/MEDIA PROGRAMS. Had been 0004-0100 UT Sundays (and also 23 hours earlier, prepeat?). Still haven't deconfirmed it then, and it could still be on the CFRB schedule, if there were one, somewhere else (Hauser-OK)
- 6100 **CHINA China Radio Int'l** — in RR to E. Asia @1205. Good. (Figliozzi-FL)
- 6105 **FRANCE Radio Japan** – Issoudun, 0343-0421 Apr 6, two men speaking in the Japanese language. Ed of program at 0358 followed by instrumental music, ID and 3+1 time pips at 0400. Another station ID followed by news and then sports report. Several IDs at 0409. Good signal. (D'Angelo-PA)
- 6110 **ETHIOPIA Radio Fana** – Addis Ababa, 0307-0338 Mar 22, nice music program hosted by a man announcer with talks in listed Amharic language. ID followed by news by another man announcer at 0330. Poor to fair. (D'Angelo-PA)
- 6110 **CHINA PBS Xizang** – Baiding (P), 0127, 3/27/17, in Tibetan. Program of nice chiming music with woman announcer. Very distinctive music. Poor reception overall. (Taylor - WI)
- 6160 **CANADA CKZN** – St. Johns (P), 0210, 3/27/17, in English. Nice Delta blues into Saturday night music program by CBC. Fair. (Taylor - WI)
- 6185 **MEXICO, Radio Educación**, 0332 -0336, 3-21-17. Man & woman in Spanish dialogue discussing local politics. Deep fades. Fair to poor. (Cichorek-NJ)
- 6190 **ALASKA KNLS** in Russian at 1625 UTC March 15 with religious talk and music. Very Good (Delmage, AB)
- 7120 **SOMALI Radio Hargeisa**, 0335-0351 Apr 2, tuned in to a man announcer speaking in the listed Somali language however signal was fading rapidly. Poor overall. (D'Angelo-PA)
- 7120 **SOMALILAND Radio Hargeisa**, Hargeisa, 0331-0338. Koran recitation by a man. Talk in Somali by a man at 0334. Weak but steady signal. Audio stronger during Koran recitation. 3/28/2017 (Evans - TN)

- 7175 **ERITREA Voice of Broad Masses of Eritrea**, Asmara, 0334-0347. Talk by a man in presumed Amharic with an occasional few bars of Horn of Africa music. Weak signal in heavy noise with rapid but shallow fading. No jammer heard. My first log of them since October 2016. 4/7/2017 (Evans - TN)
- 7255 **NIGERIA Voice of Nigeria** at 0558 UTC with Interval Signal then sign on in Hausa at 0600 UTC. Very good with QRM from a faulty amateur radio transmitter. (Delmage, AB)
- 7270 **INDIA All India Radio**, Chennai / Madras, 1139-1142. Talk in Tamil by a man and a woman. Weak but readable signal with minor fading. 4/8/2017 (Evans - TN)
- 7295 **MALI China Radio Int'l**, Bamako II, 2316-2318. Talk in Chinese by a man and a woman. Weak to moderate strength signal with heavy fading. 4/3/2017 (Evans - TN)
- 7315 **VATICAN Radio Tamazuj** - Santa Maria de Galeria, 0337-0359* Mar 14, program of Sudanese Arabic language talks and some music. Nice ID by a man announcer at 0356 with mentions of Sudan. Carrier terminated during announcements. Good signal. (D'Angelo-PA)
- 7315 **VIETNAM Voice of Vietnam** at 0100 3/16 in EE with news. (McGuire-MD)
- 7315 **UNITED STATES Voice of Vietnam** 3/26 0105-0130 in EE. Regional news followed by a report of the development of some Thai hamlets by local residents 43233 (SivesONJ)
- 7335 **ROMANIA Radio Romania Int'l** - Galbeni, 0024, 3/28/17, in Romanian. Folk style song, ID into a woman talking at some length. Good. (Taylor - WI)
- 7340 **INDIA All India Radio** - General Overseas Service - Mumbai (P), 1237, 3/27/17, in Sindhi. Program of South Asian music with woman announcer. Poor. (Taylor - WI)
- 7375 **ROMANIA Radio Romania Int'l** - Tigenesti, 0029, 3/28/17, in English. End of a song, ID man with an interesting program about a woman folk singer with several songs by her. Good signal with significant QRM making overall signal fair. (Taylor - WI)
- 7425 **NEW ZEALAND Radio New Zealand Int'l**, 1133-1148, 4-7-17. Interview with a local rock band. At 1148 ID "voice of the Pacific" followed by pop vocals. Fair to good signal. (Cichorek-NJ)
- 7425 **NEW ZEALAND Radio New Zealand Int'l** - Rangitiki, 1253, 3/27/17, in English. Male announcer introducing contemporary song, ID, schedule and frequencies. 1258 off. (Taylor - WI)
- 7450 **CHINA - TIBET. PBS Xizang**, Lhasa, 1144-1147. Talk in Chinese by a woman. Very weak signal, just above noise level, with minor fading. 4/8/2017 (Evans - TN)
- 9370 **PHILIPPINES Voice of America** 4/2 1540 Familiar VOA jingle, talk, in (listed) Burmese. Good on RS SW-2000629 and 20' wire. (Barton-AZ)
- 9400 **BULGARIA End Time Coming Radio** - Sofia, *0228-0300 Apr 7, open carrier until program started at 0230 in the English language with a man providing opening program announcements before a long religious talk began. Closed at 0300 followed by Bible Voice program. Poor to fair. (D'Angelo-PA)
- 9420 **GREECE Voice of Greece** in Greek at 2215 UTC with beautiful Greek music. Very Good (Delmage, AB)
- 9445 **INDIA All India Radio**, 3-20-17, 2116-2123. Subcontinent instrumentals followed by ID by man in English. Followed by talk on history of India's independence. Strong signal, armchair copy. (Cichorek-NJ)
- 9485 **SAO TOME & PRINCIPE Voice of America**, 3-20-17, 2145-2200. Man & woman in listed Bambara language. At 2200, ID in English with signature "Yankee Doodle". SI0444. (Cichorek-NJ)
- 9505 **CHINA Voice of the Strait**, Fuzhou — Poor @1211 w/M in CC. (Figliozzi-FL)
- 9515 **TURKEY Voice of Turkey** April 15 at *0256:15, JBA carrier comes on at S5-S6, 0258 starts IS, 0300:05, 5-pip timesignal ends, but VOT English to North America is way too weak to be listenable. As soon as this appeared, I switched to // 6165 and found it had come on too at about equal level, in the absence of RHC moved to 6145. Possibly if 6165 were aimed upward, swapped with 9515 to be aimed eastward, both targets would be better off. See also CUBA (Hauser-OK)
- 9530 **ASCENSION ISLANDS Radio Akhbar Mufriha**, 2205-2209, 3-20-17. Man in listed Pulaar language with very slow, preachy cadence. Followed by vocals and more talk. Fair to good reception. (Cichorek-NJ)
- 9575 **MOROCCO Radio Mediterranee Int'l**, 0029UTC to 0105UTC March 25th. They're actually producing a pretty strong signal here, but famously under modulated so combine that with a bit of fading and it's really hard to even hear much. At 01030UTC, the music appears to stop and then there's a half hour program with a man and woman talking. Music appears to start again at 0100UTC. I would give this a SINPO rating of 54343 (Walker-AK)
- 9580 **CHINA China Radio Int'l** at 0104 2/8 in EE. National News. (McGuire-MD)
- 9630 **BRAZIL Radio Aparecida** - Aparecida, 2358, 3/28 - 29/17, in Portuguese. Mellow music, 0000 woman with ID and frequencies who continues for a minute into a series of announcements or ads, 0001 4 time pips into man with news. Poor. (Taylor - WI)
- 9635 **VIETNAM VOV1**, Son Tay — @1115 w/M&W talking in VV through lively mx bridges. Fair. (Figliozzi-FL)

- 9665 **BRAZIL Radio Voice Missionária** April 9 at 0043, surprised to find the ZY here, R. Voz Missionária, jumped way up to the hi side of 9665, rather than slightly on the lo side. Bit of a het from another carrier JBA on 9666.82, (and nothing on 9665.0). RVM carrier is wobbling a bit and at next check 0455 I put it on 9665.76, preacher in Brazuguese (Hauser-OK)
- 9674 **BRAZIL Radio Cancao Nova**, Cachoeira Paulista, 2336-2341. Talk in Portuguese by a man with occasional short comments by a second man. Weak but steady signal. 4/6/2017 (Evans - TN)
- 9680 **TAIWAN Radio Taiwan Int'l** — CC to E. Asia w/song "Claire" instrumental under W speaking @1228. Good. (Figliozzi, FL)
- 9710 **CUBA R Havana** Quivica. 2116-2121, 4-6-17. Two men in Spanish in discussion with many ments of Cuba. At 2120 casual ID. Fair signal. (Cichorek-NJ)
- 9730 **ROMANIA Radio Romania Int'l** UT Sunday April 16 at 0033, RRI English with classical music, VG at S9+25, next version of Ave Maria sounds like Zamfir (Hauser-OK)
- 9740 **SINGAPORE BBC WS** — Nx reports in EE @1230. Poor-Fair. (Figliozzi-FL)
- 9745 **BAHRAIN Radio Bahrain**, Abu Hayan, 2340-2402. Talk in Arabic by a man and sometimes a woman. Middle Eastern vocal music at 2344. Very weak signal with moderate fading, above the noise 25% of the time, and then just slightly. Declining after 2355 to just a hint of audio with a man talking at 2400. Best 2346-2350 with a few fairly good fades up. Carrier plus USB with no LSB component. 4/12/2017 (Evans - TN)
- 9770 **FRANCE Adventist World Radio** - Issoudun (P), 2021, 3/27/17, in Mossi. Woman mostly talking with short songs between sections. Fair. (Taylor - WI)
- 9780 **CHINA PBS Qinghai**, Xining, 2340-2345. Talk in Chinese by a woman. Very weak, threshold level signal, with fading. 4/6/2017 (Evans - TN)
- 9800 **EGYPT Radio Cairo**, 2229-2236, 4-3-17. Woman in English talking about Egyptian symbolism. 2231- Woman in English but poor audio. Vocals to 2236. SIO222. (Cichorek-NJ)
- 9830 **TURKEY Voice of Turkey**, April 6 at 2200, VP carrier presumably VOT still on correct frequency to North America. Mark Coady, Ontario, heard the April 4 broadcast better than I and says they introduced with the date as November 13! Apparently back to the future on April 5 (Hauser-OK)
- 9865 **INDIA All India Radio** Vividh Bharati (domestic service), Bengaluru — Subcontinental vocals @1252. Fair. (Figliozzi, FL)
- 9885 **ITALY Voice of America**, 2122-2123, 4-6-17. Woman in French with conversational English lesson. SIO444. (Cichorek-NJ)
- 11550 **CLANDESTINE (Rwanda) Radio Publique Africaine** - Issoudun, 1834-1858* Mar 14, man and woman announcers speaking in listed Kirundi language. A man announcer with closing ID and announcements followed by a man singing accompanied by guitar until carrier terminated. Poor to fair. (D'Angelo-PA)
- 11580 **UNITED STATES PCJ Radio Int'l** via WRMI, 2244-2259, 4-12-17. Man in English with oddball music selections. Actors who made recordings. Anthony Perkins, Leonard Nimoy. 2257 PCJ Radio Int'l ID and at 2259, WRMI ID. Very good signal. (Cichorek-NJ)
- 11610 **MADAGASCAR KNLS**, 2117-2138, 3-24-17. Man in listed Chinese, brief musical sequel and woman in Chinese. At 2126 piano sequel fanfare and into a dramatic radio play. At 2135 announcement in English for "the bible in living sound." 2137, conversational English. Very good SIO444. (Cichorek-NJ)
- 11625 **VATICAN Vatican Radio** at 2010 UTC March 17 with a segment about the Churches of South Sudan. Sign off and Interval Signal at 2027 UTC. Into French at 2030 UTC. Excellent (Delmage, AB)
- 11660 **FRANCE Radio Algerienne** in Arabic 1855 UTC March 15 with talk and song Abrupt off at 1859 UTC. Excellent (Delmage, AB)
- 11764 **BRAZIL Super Radio Deus é Amor** - Curitiba, 0240-0308 Apr 2, loud man announcer preaching in the Portuguese language followed by vocals at 0252. Instrumental music at 0300 and time pips followed by a man announcer with echo station ID and frequency announcements. Fair. (D'Angelo-PA)
- 11765 **BRAZIL Radio Tupi/Super R. Deus e Amor**. 2240-2243, 4-3-17. Man & woman in Portuguese with musical interludes. Poor. (Cichorek-NJ)
- 11856 **CUBA Radio Habana Cuba** spur, 2318, 3/27/17, in Spanish. Man and woman talking about Cuba. // fundamental on 11670. Fair. (Taylor - WI)
- 11860 **YEMEN (non) Republic of Yemen Radio**, San'a presumably being relayed thru SAUDI ARABIA — M in AA @1248 with many mentions of "Arabiya", "Irania" and "Yemen". Fair to good. (Figliozzi-FL)
- 11905 **SRI LANKA SLBC**, April 7 at 0114.25, SLBC carrier on now, JBA; prélude music JB audible by 0114:54; and last pip of mis-timesignal at 0115:05, like last time (Hauser-OK)

- 11965 **CLANDESTINE (Eritrea) Radio Dimtse Erena** - Sofia, 1713-1801* Mar 14, talks in listed Oromo language with some nice Horn of African music later in broadcast. News at 1730 followed by features. More instrumental music, IDs and talks. Seemed like another program opening at 1800 but quickly closed in mid-sentence. Fair to good. (D'Angelo-PA)
- 13745 **THAILAND Radio Thailand**, Udon Thain. 0000UTC March 25th, English broadcast to North America. As usual, the unmodulated carrier is turned on about 2 minutes before the broadcast starts. Where things go a little awry, at 0000 "This is HSK 9, Radio Thailand's World Service, and broadcasting from the public relations department in Bangkok" followed by several bells being rung before this announcement repeats over and over again and joins the English newscast in progress after nearly 3 minutes. (Walker-AK)
- 15040 **INDIA All India Radio** in CC. Jammed. Time pips heard @1300. Poor-Fair. (Figliozzi-FL)
- 15130 **ROMANIA Radio Romania Int'l** - Nx read by W in Romanian @1300; ID 1309. Excellent. (Figliozzi-FL)
- 15140 **TURKEY Voice of Turkey** - Turkish to Europe @1315 w/familiar tune that introduces "Question of the Week" in EE. Good. (Figliozzi, FL)
- 15140 **OMAN Radio Oman** - Thumrait, 1412-1437 Mar 14, pop music program hosted by a man announcer with English language talks and announcements. Poor signal. (D'Angelo-PA)
- 15250 **CLANDESTINE (South Sudan) Eye Radio** - Issoudun, 1612-1716 Mar 14, talks by a man and woman announcers in listed Arabic language. Another man with news at 1630. Nice Id at 1637 and end of news followed by music. Apparently extended broadcast into the 1700 hour with news. I tuned away but when I returned at 1739 they were gone. Poor to fair signal but reception reduced by growl on channel. (D'Angelo-PA)
- 15505 **BANGLADESH Radio Bangladesh Betar**, Dhakah, 1417-1430*. Talk in Urdu by a woman. Sub-continent vocal music at 1420. Very weak signal with lots of noise and minor fading. Down to carrier only level by 1427. Carrier disappeared at 1430:40. My first log of Bangladesh on any frequency since April 2016. 4/5/2017 (Evans - TN)
- 15540 **KUWAIT Radio Kuwait** at 1802 UTC April 10 with interval signal, frequency announcements followed by talk about Qu'ran and Islam. Western pop music at 1814 UTC followed by news and weather at 1830 UTC. Reception reports request at 1915 UTC. Good (Delmage, AB)
- 15540 **KUWAIT Radio Kuwait** April 12 at 1812, R. Kuwait reactivated English service, fair signal with ME music. But I am still waiting for OG&E to get the line noise removed from S9 level on this and other bands! By 2041 not audible, just noise (Hauser-OK)
- 15540 **KUWAIT Radio Kuwait**, Sulaibiyah, 1758-1802. Middle Eastern music. Announcements in English by a woman at 1759 followed by 20 seconds of music. 5+1 time pips at 1800. ID and opening announcements by a man. Talk between a man and a woman at 1801 with an occasional few bars of flute music. Moderate signal strength with rapid deep fades down to just above noise level. 4/10/2017 (Evans - TN)
- 17860 **TAJIKISTAN Voice of Khmer M'Chas Srok**, 4/1 1424-1440. Talk in presumed Tajik between two OM. Poor to moderate signal with fading. (Sives-NJ)

NASWA 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 D'Angelo** (rdangelo3@aol.com) 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.

On the Shortwaves

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< www.ontheshortwaves.com > Update, March 26, 2017 -- Under "DX History/Stations," we have two more articles from the 1940s about familiar stations. Bob LaRose found these in *RCA Broadcast News* on the American Radio History website < http://www.americanradiohistory.com/RCA_Broadcast_News_Page_Range_Guide.htm > They are: (1) "WWV . . . WWV . . . WWV - Broadcasting Frequency Standards With RCA Type ET-7285 Transmitters," by R. J. Newman, Transmitter Engineering Section, January 1945 (No. 40), pgs. 48-54 < <http://www.americanradiohistory.com/Archive-RCA-Broadcast-News/RCA-40.pdf> >; and (2) "Canada's Loudest Voice," January 1946 (No. 42), pgs. 66-70 < <http://www.americanradiohistory.com/Archive-RCA-Broadcast-News/RCA-42.pdf> > -- And under "Specialized Resources/Wavescan," Adrian Peterson takes us south of the border with: "Focus on the Middle Americas-The First Radio Broadcasting Station in Central America: The Early Radio Scene in El Salvador" (Wavescan N421, March 19, 2017).

< www.ontheshortwaves.com > Update, April 2, 2017 -- In the past we have posted several files containing "poster stamps," a kind of "cinderella" (non-postage) stamp used usually for advertising or promotional purposes. Here are two more files, with poster stamps for radio shows, which were, in the 1920s (some later), a popular way for companies to promote their radio equipment. One file is for domestic shows, the other is for shows in other countries. -- Under "Specialized Resources/Wavescan," Adrian Peterson takes us to a station that is well-known in the U.S.: "Lonely Little Shortwave Station in Canada Closed [CKZU]," Wavescan N422, March 26, 2017.

< www.ontheshortwaves.com > Update, April 9, 2017 -- Under "DX History/Recordings," we have posted 13 recordings of shortwave stations in Ecuador. ID locations are in brackets. All these stations--indeed all shortwave broadcast stations in Ecuador save for the reduced-footprint HCJB--are now off shortwave. The recordings are: (1) Compania Radiodifusora del Ecuador (C.R.E.), Guayaquil, 4765 kHz., 1980 [1:21, 3:42]; (2) Emisora Gran Colombia, Quito, 4911, 1976 [:32]; (3) Ondas Azuayas, Cuenca, 4980, 1979 [:18]; (4) Rdfi. Casa de la Cultura, Quito, 4930, 1976 [:17]; (5) R. Cenit, Portoviejo, 4722, 1975 [1:12]; (6) R. Cuenca, 5950, 1976 [:39]; (7) R. Iris, Esmeraldas, 3380, 1977 [:02, 1:45, 2:23]; (8) R. Melodia, Quito, 3375, 1976 [:18]; (9) R. Popular, Cuenca, 4800, 1976 [:30]; (10) R. Rio Amazonas, Macuma, 4870, 1976 [:12]; (11) R. Splendit, Cuenca, 5026, 1976 [:12, :29]; (12) R. Tropical, Esmeraldas, 3340, 1979 [:15, :56]; and (13) R. Zaracay, 3390, 1977 [:17].

< www.ontheshortwaves.com > Update, April 16, 2017 -- Under "DX History/Recordings," we have posted another group of recordings of stations "never-again-to-be-heard-on-SW" from Ecuador. These date to the years 1975-1981. ID locations are in brackets. The stations are: 1) Escuelas Radiofonicas Populares, Riobamba, 3985 kHz., 1976 [:04, :11]; (2) La Voz de los Caras, Bahía de Caraquez, 4795, 1976 [:14]; (3) La Voz de Saquisilí y R. Libertador, Saquisilí, 4900, 1978 [1:02, 1:17]; (4) La Voz del Rio Tarqui, Cuenca, 3285, 1981 [02:03]; (5) Ondas Quevedenas, Quevedo, 3325, 1975 [:01, :07, :16]; (6) Ondas Canarias, Azogues, 5046, 1978 [01:28]; (7) R. Centinela del Sur, Loja, 4892, 1976 [:48]; (8) R. Federacion, Sucua, 4960, 1976 [1:16, 1:59]; (9) R. Luz y Vida, Loja, 4831, 1977 [0:08]; (10) R. Nacional Progreso, Loja, 5060, 1980 [01:26]; and (11) R. Rio Tarqui, Quito, 4972, 1976 [:51]. -- Under "Specialized Resources" we have updated the "Active-Inactive SWBC Countries" list. The current totals: of 266 listed NASWA SWBC countries, 120 are active (3 of them "pirate only"), 146 are inactive. See pg. 41 of the list for recent changes to the list.

< www.ontheshortwaves.com > Update, April 23, 2017 -- Most shortwave clubs tried to operate in a democratic fashion, but they usually became "key man" operations. The Newark News Radio Club was probably the best-structured of all the clubs. Under "DX History/Clubs & Publications," we have posted a copy of the NNRC's 1938 Constitution & By-Laws. -- And, under "Specialized Resources/Wavescan," there are three new entries from Adrian M. Peterson: "The Original Vatican Radio" (Wavescan N423, April 2, 2017); "The Radio Scene on an Almost Scottish Isle in the Caribbean [Vicques, Puerto Rico]" (Wavescan N424, April 9, 2017); and "The Shortwave Scene in the Indian City With the Longest Name [Thiruvananthapuram]" (Wavescan N425, April 16, 2017).

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