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TECSUN

PL-880



The Tecsun PL-880 offers features not previously available in a radio of this size and price. As expected, you get full coverage of long wave 100-519 kHz, AM from 522-1700 kHz, shortwave from 1.7-30 MHz and FM from 64-108 MHz. Designed for the serious listener and DXer, you can select four bandwidths in AM mode: 9, 5, 3.5 or 2.3 kHz and five bandwidths in SSB mode: 4, 3, 2.3, 1.2 and 0.5 kHz. This radio even has interesting undocumented features such as sync lock, variable muting, adding seconds display, etc. The PL-880 includes: carry pouch, ear buds, wire antenna, USB cable and #18650 Li-ion battery.

PL-880 Order #0088 \$159.95



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 6th Edition. 160 p. ©2013.

Order #2967\$24.95



MTXpress COMPLETE ANTHOLOGY 1999-2013

This wonderful compilation includes every issue of *Monitoring Times* from 1999-2013 on one computer DVD. In PDF format and searchable on any word. ©2013 Grove Ent.

Order #6214\$99.95

✓FREE Radio Go-Bag



IC-R6-16

The compact Icom IC-R6 is big on coverage, tuning 0.1-824, 851-866.995 and 896-1309.995 MHz in AM, FM Narrow and FM wide modes. The triple conversion circuit provides amazing sensitivity for the size. It has 1300 alphanumeric memories storing: frequency, mode, step size, duplex direction and offset, CTCSS tone, tone squelch and skip settings. And it can up to 100 channels per second in 7 different scan modes. Frequency steps include 5, 6.25, 9, 10, 12.5, 15, 20, 25, 30, 50, 100 or 200 kHz. It features a large backlit LCD display. Audio Output is 150 mW @ 8 ohms 10% Dist. The very efficient circuit design offers extended battery operation. The IC-R6 comes with wrist strap, belt clip, two AA NiMH cells, AC adapter and SMA flexible antenna. 2.3 x 3.4 x 1.2" 7.1 oz.

List \$246.00 Order #1006 \$209.98



✓FREE Radio Go-Bag



IC-R20 Sport

The Icom IC-R20 Sport has wide coverage from 150 kHz to 3305 MHz (less cellular) in FM, WFM, AM, USB, LSB, CW modes. Advanced features include: built-in 4 hour recorder, 1250 alpha memories, dual VFOs, dual watch, band scope display, auto squelch, atten., lock, RF gain, MW ferrite bar, NL, weather alert, ANL and AF filter. The IC-R20 Sport operates from 2 alkaline AA batteries (not supplied) and comes with: belt clip, battery splicer, BNC telescopic antenna and wrist strap. Optional AC chargers and rechargeable batteries are available.

List \$625.00 Order #6020 \$499.95



Radio Go-Bag



This insulated bag is great for creating an Emergency Go Bag for your radio. It is the perfect size for HTs, scanners and small shortwave portables. There is plenty of room for your radio, batteries, accessories, directories and more. The top is zippered and it has a carry strap plus an open pocket on the front panel, 8 x 6 x 5 inches. Not made by Icom. This Go-Bag will be included FREE with your Icom IC-R6, IC-R6 Sport, IC-R20 Sport, ID-31A or ID-51A for a limited time.

IC-R6-16 Sport

The Icom IC-R6 Sport version is the same as the regular version above, but without the AC charging adapter and without the two AA NiMH batteries. List \$225.00 Order #2006 \$189.95



MINI-WHIP



The Bonito Mini-Whip antenna receives from 10 kHz to 30 MHz with impressive performance, despite its diminutive size. Requires 12VDC, BNC cables between components are not included.

Order #6147 \$119.95

DC DVM



Here is a low cost way to measure DC volts in the range of 3 to 30 volts. The refresh rate is 500mS. Error is 1%. Size is 24x15x10mm. The digits are 0.36 inches high. Three wires: red power + (3-28VDC), white sense +, black power/sense -.

DC DVM BLUE Order #0754 \$4.95
DC DVM RED Order #6165 \$4.95

Pixel

RF PRO-1B

The Pixel Technologies RF PRO-1B magnetic loop antenna provides exceptional MF/HF performance, even in high noise environments.

RF PRO-1B Order #6142 \$499.99



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Mike Rohde has had to step down as our Pirate column editor. Mike did an excellent job reporting the latest goings on in the pirate radio community as well as covering logs submitted by the membership. Thanks Mike for a great job the last several years. Well known pirate expert and long-time club member **George Zeller** has graciously stepped forward to claim the pirate editor's chair. Welcome aboard George! Besides leading the pirate forum and handing out raffle prizes at the annual club sponsored Winter SWL Festival, George has written extensively about pirate radio over the years (books, several columns, etc.). His first column appears in this month's Journal. Please show George the same level of support that you gave Mike Rohde.

Our Awards program Manager **Gary R. Neal** informs us that **John P. Cooper** of Lebanon, PA has qualified for the Ecclesiastic DXer Award. Congratulations John on another awards accomplishment. Our awards program is managed by Gary so if you have collected a pile of QSLs over the years why not see what awards you qualify for? There are also a few awards for non-QSL collectors. Check them awards program out. It is contained in the Country List and Awards Program booklet available at the club's website.

Ulis Fleming send word that long time club member **Bill Bergadano** of Freehold, NJ passed away in early April. Bill helped the club at the annual Winter SWL Festival for many years contacting radio stations to obtain promotional material, etc. for the "free table". Later in his working career Bill became an independent radio broadcaster, and also developed Internet websites for clients. Bill Bergadano was only 55 years old at the time of his death.

Here is an invitation to Danish Shortwave Club International (DSWCI) Annual General Meeting (AGM) 2014 that will take place at Chairman **Anker Petersen's** home, Udbyvej 11, DK 2740 Skovlunde June 14, 2014 at 1400 hour's local time. Please inform Anker Petersen at anker.petersen@mail.dk if you wish to participate at the AGM and also if you want to join the group for the common meal. There will be no payment for participation, though the DSWCI will ask for DKK 100,-/EUR 15,- for the meal, to be paid to the treasurer on the day. Beverages for your own account to be paid directly to the restaurant. As usual there will be a coffee/tea break during the afternoon with the common meal after the AGM at 1800 local time.

A J Janitschek informs us that Radio Free Asia's (RFA) 53rd QSL card release is the third design in the series "Celebrating Musical Instruments of Asia". This card shows a dan tranh which is a traditional, Vietnamese stringed instrument. Dan trahns are long and narrow having a rounded, or convex, surface. Each string is supported by a wooden, or bone, bridge in an inverted "V" position. Dan trahns are covered with high-gloss lacquer and, in many cases, ornately designed with mother-of-pearl which was used for RFA's dan tranh. The history of the dan tranh dates back hundreds of years and it is still a popular instrument in Vietnam today. This QSL is used to confirm all valid reception reports from April 1 - June 30, 2014. RFA encourages listeners to submit reception reports. Reception reports are also accepted by email at qsl@rfa.org and by postal mail to: Reception Reports, Radio Free Asia, 2025 M Street NW, Suite 300, Washington DC 20036, USA.

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



Musings

Jerry Lineback • P.O. Box 1220 • Grantham, NH 03753-1220 • jerrylineback@comcast.net

Please e-mail musings to jerrylineback@comcast.net or send to P. O. Box 1220, Grantham, NH 03753. Next deadline is February 19. Thanks to all contributors.

Vince Henley, KB6GV, KPC7GV, Anacortes, WA

I love books. I especially value reference material, and relevant for our shortwave listening hobby, I usually get each new edition of the WRTH, the Klingenfuss publications, selected schedule downloads from various stations and other internet sources and I get the NASWA Flashsheet and, of course, the NASWA Journal. I also make an effort to get all the updates. Until its recent demise, I subscribed to Popular Communications, but that has now become unusable, even in digital form. This represents a fraction of the reference material I have available to aid my listening. Armed with a library of reference material, I then begin to listen on the bands.

Great! In the morning, here in the Pacific Northwest, between 1300 and 1500 UTC, the ether boils over with strong signals from around the Pacific Rim and as far away as the Middle East. But wait. What's this? Radio Australia on a frequency not in its schedule? Hmm... I must have an outdated schedule or the reference material is incorrect. A flurry of double-checking fails to indicate that this is even a frequency claimed by the ABC in their latest schedule. China is everywhere, but also not on frequencies in their schedule. And, what's this? VOA, loud and strong, also off the reservation? What gives? I spend hours trying to find a reference that matches the experience, without success. Maybe my radio is responding to Intermodulation or perhaps the filter is too broad. I check everything, reducing the filtering to a bandwidth that would normally allow only a CW signal to peak, and I try different radios. Nope, these stations are clearly centered on the frequency I think they are and it is not one that they claim on their schedule. My beloved reference material that I have so assiduously collected turns out to be unhelpful. But perhaps that isn't a bad thing.

When I was young, a pre-teen just getting into the hobby, and having, by today's standards, very poor equipment, I spent happy hours tuning across the spectrum, just listening to what I found. I had no reference material and the internet had not yet been conceived and neither had the modern digital computer in any size smaller than a building. I was happy just to be able to hear a station identification and perhaps an interval signal. There were radio dramas and book readings being broadcast then, as well as news from, what were to me, exotic locales. Life was good. I was not frustrated on a Monday morning despite having no modern advantages. There was just me, a very unstable six-tube Hallicrafters S-38B receiver, a bit of antenna wire hung between my room and a tree in the yard, and a pair of headphones. I advocate a return to those days of just tuning across the bands to listen to whatever one finds. Will I log fewer stations? Yes, even considering that I rarely bother to log them now, preferring to simply listen and enjoy the experience. It's less frustrating, and Monday mornings will be more likely to begin on a satisfied note rather than one of frustration and grumpiness.

Stations are disappearing from the ether today at an unprecedented rate. Soon there will be few to be heard. Today's young people interested in technology will come to believe that shortwave broadcasting requires the use of the Internet and they will never experience the uncertainty of not knowing to whom they are listening until an identification or interval signal is heard. They will never understand the concept of tuning across the

spectrum to make a random discovery of something never heard before. They will simply plug a URL into their browser and have no doubt of what they are hearing. It seems to me to be a rather sterile experience, lacking in adventure altogether.

Perhaps I should be grateful that I still have something to be grumpy about on a Monday morning.

Bob Fraser, 255 Lincolnville Ave., Belfast, ME 04915-7404

I was sorry to hear of the passing of Bob Montgomery, A couple of years ago, we met when I wrote him a question on shortwave. He was a most interesting and very knowledgeable person. He was always looking forward with great enthusiasm to the next Fest, the next DX season, the visits to friends. His death has made a very large hole in my life.

I was glad to see Don Jenson was honored although posthumously. He got me into serious DXing. Another large hole.

I enjoyed Bob Wells' Musings, but I believe the correct government saying is: "If it ain't broke, fix it until it is."

Gerry Dexter, Lake Geneva, WI

I am adding a new feature to my "Listening Post" column in the online magazine CQ Plus. NASWANs are invited to contribute a half dozen or so stations you are having trouble getting a QSL out of to "The QSL Queue". Include the number of reports and follow-ups you've sent them and how long you've waited for a reply. Maybe we can embarrass these %\$*& broadcasters into providing positive replies.

Contributions (as well as listener logs) are welcome at gdex@wi.rr.com.

Thank you! Gerry

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

George Zeller has stepped forward to relieve Mike Rohde of the pirate column editorship. Mike did a great job in that role. George has written extensively about pirate radio activities and is well known as an expert within the community. We are fortunate to have him on the NASWA editorial staff. Remember, it is the membership that makes the club whether as a contributor, editor and just someone who only has time to follow but continues to pay the dues each year. Everyone plays an important role.

Another good month for QSL returns. The first one is an oddball, however. Radio Cultura Araraquara replied to a postal report with return postage with a 6"x5"x2" package in 21 days containing seemingly everything in the studio except no QSL. The package contained: a Radio Cultura tee shirt, 5 station stickers, 3 station pens, station logo plastic bag, 12 CDs and a DVD. I had to sign for the package which would have been returned to Brazil if not picked up in 3 days (the notice at my house said "Final Notice" despite being my first notice). Since I still work it required a separate, special trip on my part to the post office during business hours. The postal clerk agreed that the package would have been shipped back to Brazil if not claimed in the three day period. Is it any wonder that in a service business the US Postal Service scores back eye after black eye these days? Voice of Korea - Pyongyang verified with a full data "Some of the Changjon Street built un Pyongyang" card. They also sent the English Programme Schedule, 2014 calendar copy of November 9, 2013 edition of The Pyongyang Times and a station pennant. Voice of America Tinang with a half-hearted attempt at verification of an electronic report with a frequency only "Assignments editors discuss the latest story developments in the VOA newsroom in Washington, DC" card. The card came in an oversized envelope with

nothing else inside the package. The "Date" was given as "10/27/13-03/29/14" and the "Time" was given as 2300-2400. The "Site" line was left blank. Verification standards at the VOA really has taken a tumble. Radio Blah Blah Blah (North American Pirate) via PRB Relay Service verified an electronic report to radioblahblahblah@outlook.com with a full data electronic "Communication the creative force behind all things. Use it well. Use it for good." reply from v/s André. In a separate e-mail message André mentions "... the Netherlands is my home! Of course the programs you have heard - were relayed by N-American station(s). Another pirate, WHYP Shortwave verified an electronic report with a full data electronic reply attachment "John Arthur" photo (from the 2002 Winter SWL Festival) letter for a special 18 watt test transmission from James Brownyard who noted: "The RF was emanating from a Heathkit DX-40, feeding an 18 watt carrier to an Inverted V Antenna located 175 foot down at the end of some cheap RG-58 coax. The antennas apex is at 38 feet above ground. Radio Taiwan International - Paochung verified an electronic report with a full data (including site) MRT, the Symbol of Progress card with a copy of the English program schedule. Finally, Voice of Vietnam - Son Tay verified an electronic report with a postal reply full data "Chê Tao Commune Mú Cang Chai" card with a note indicting they could not send an e-mail reply to my report hoping the problem will soon be fixed.

That's it from Wyomissing!

Thanks to our contributors. 73, Jerry Thanks to our contributors. 73, Jerry.



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.

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.



Listening Review

Alan Roe • 33 Atbara Road • Teddington, TW11 9PA, United Kingdom • alan-roe@tiscali.co.uk

Music on Shortwave in English language programming – A14 broadcast period

0000-0300

0000-0100	su	Mighty KBC	The Giant Jukebox	9925-nn (7375-nn to May)
0000-0100	mo	WWCR	Last Radio Playing (Blues)	6115
0005-0030	su	China R Int	Global Chinese Music	6020-al 6075 6180 7350 7415 9570-al 11790 11885 13750 15125
0020-0055	mo (v)	R Romania Int	All That Jazz	9700 11955
0020-0055	tu	R Romania Int	Romanian Hits	9700 11955
0020-0055	th	R Romania Int	Romanian Musicians	9700 11955
0020-0055	fr	R Romania Int	The Skylark	9700 11955
0020-0055	sa	R Romania Int	Truly Romanian	9700 11955
0100-0200	su	Mighty KBC	The Giant Jukebox	9925-nn (7375-nn to May)
0110-0115	su	V of Vietnam	Weekend Music	12005-wo
0145-0155	su	R Tirana	Folk Traditional Music	9845
0145-0155	th	R Tirana	Hits Through the Years	9845
0200-0300	daily	KBS World R	K-Pop Connection	9690
0200-0300	sa	RNZI	Music 101	15720 17675/DRM
0205-0230	su	China R Int	Global Chinese Music	11770 13640
0210-0257	mo	KBS World R	K-Pop Interactive	9580
0240-0245	su	V of Vietnam	Weekend Music	12005-wo
0245-0257	th	KBS World R	Sounds of Korea	9580

0300-0600

0311-0322	su	R Taiwan Int	Original Waves	15320
0320-0355	mo (v)	R Romania Int	All That Jazz	7350 9645 11825 15220/DRM
0320-0355	tu	R Romania Int	Romanian Hits	7350 9645 11825 15220/DRM
0320-0355	th	R Romania Int	Romanian Musicians	7350 9645 11825 15220/DRM
0320-0355	fr	R Romania Int	The Skylark	7350 9645 11825 15220/DRM
0320-0355	sa	R Romania Int	Truly Romanian	7350 9645 11825 15220/DRM
0325-0340	fr	R Taiwan Int	Encore Formosa	15320
0330-0355	tu	R Taiwan Int	Soundwaves	15320
0335-0355	th	R Taiwan Int	Jade Bells & Bamboo Pipes	15320
0335-0350	daily	V of Turkey	Music selection (vary time)	6165 9515
0345-0355	su	V of Vietnam	Weekend Music	6175-wh
0400-0500	sa	RNZI	Music 101	15720 17675/DRM
0405-0430	su	China R Int	Global Chinese Music	13750 15120 15785 17730 17855
0500-0600	daily	WWCR	World Wide Country Radio	3215
0500-0600	mo	WWCR	Inspirations Acr. America	4840
0510-0530	sa	NHK R Japan	Japan Hit Tunes (1 st sa)	5975-wo 11970-fr
0510-0530	sa	NHK R Japan	Japanese Pop Culture (2 nd sa)	5975-wo 11970-fr
0510-0530	sa	NHK R Japan	Music Journey (3 rd sa)	5975-wo 11970-fr

0600-0900

0600-0700	mo-fr	WWCR	Inspirations Acr. America	3215
0600-0700	sa	WWCR	Last Radio Playing (Blues)	3215 4840
0605-0630	su	China R Int	Global Chinese Music	11710-al 11870 11895 13660 15140 15350 15465 17505 17540 17710
0630-0700	fr	R Australia	Australian Country Style	9660 11945 12080 13630 15240 15415 17750 21725
0700-0800	sa	RNZI	Saturday Night with Peter Fry	11690/DRM 11725

0800-0900	sa	IRRS	Radio City (sa after 3 rd fr)	9510-ro	[or sa after 2 nd /4 th fr]
0800-0900	su	Mighty KBC	Trucker Radio	6095-nn	
0800-0900	sa	Mighty KBC	Coast to Coast Country – Rosko	6095-nn	
0800-0900	sa	RNZI	Saturday Night with Peter Fry	9700	9890/DRM
0805-0830	su	China R Int	Global Chinese Music	11620	11895 13710-al 15350 15465 17480 17490 17540
0808-0900	mo-fr	RNZI	Pacific Music	9700	9890/DRM
0810-0857	su	KBS World R	K-Pop Interactive	9570	
0845-0857	we	KBS World R	Sounds of Korea	9570	
0900-1200					
0900-1000	su	Mighty KBC	Trucker Radio	6095-nn	
0900-1000	sa	Mighty KBC	Coast to Coast Country – Rosko	6095-nn	
0900-1000	su (irr)	MV Baltic & rlys	European Music R (3 rd Sun)	7265-go	
0900-1000	su (v)	MV Baltic & rlys	mostly rock/oldies	Check: 6005 6190 7265 or 9480	
0900-1000	mo-fr	R Australia	Inside Sleeve	9580	11945
0900-1000	sa	RNZI	Saturday Night with Peter Fry	9700	9890/DRM
0900-1000	su	Shortwave Rock	Rock mx (2 nd last & last su)	6045-nn	
1000-1100	su	Mighty KBC	LA Connection – Rosko	6095-nn	
1000-1100	sa	Mighty KBC	It's Radio but Not As We Know It	6095-nn	
1000-1100	su (irr)	MV Baltic & rlys	European Music R (3 rd Sun)	6045-nn	9480-go
1000-1100	su (v)	MV Baltic & rlys	mostly rock/oldies	Check: 6005 6190 7265 or 9480	
1000-1100	mo	R Australia	Into the Music	9580	12065
1000-1100	tu-fr	R Australia	Daily Planet	9580	12065
1000-1100	sa	RNZI	Saturday Night with Peter Fry	9700	9890/DRM
1000-1030	su	WWCR	Musical Memories	4840	
1000-1030	sa	WWCR	Talking Machine Show	4840	
1005-1030	su	China R Int	Global Chinese Music	11610	11635 13590 13620 13720 13790 15210 15350 17490 17750
1010-1030	sa	NHK R Japan	Japan Hit Tunes (1 st sa)	9625	
1010-1030	sa	NHK R Japan	Japanese Pop Culture (2 nd sa)	9625	
1010-1030	sa	NHK R Japan	Music Journey (3 rd sa)	9625	
1100-1200	su	Mighty KBC	LA Connection – Rosko	6095-nn	
1100-1200	sa	Mighty KBC	The Giant Jukebox	6095-nn	
1100-1200	su (v)	MV Baltic & rly	mostly rock/oldies	Check: 6005 6190 7265 or 9480	
1100-1200	sa	R Australa	Saturday Night Country	5995	6080 6140-kr 6150 9475 9580 12065 12080/DRM 12085
1100-1200	sa	WWCR	World Wide Country Radio	4840	
1105-1200	su	RNZI	Hymns for Sunday	9700	9890/DRM
1111-1122	sa	R Taiwan Int	Original Waves	7445	
1120-1155	su (v)	R Romania Int	All That Jazz	15130	15400 17670 17680
1120-1155	tu	R Romania Int	Romanian Hits	15130	15400 17670 17680
1120-1155	th	R Romania Int	The Skylark	15130	15400 17670 17680
1120-1155	fr	R Romania Int	Truly Romanian	15130	15400 17670 17680
1125-1140	th	R Taiwan Int	Encore Formosa	7445	
1130-1155	mo	R Taiwan Int	Soundwaves	7445	
1135-1155	we	R Taiwan Int	Jade Bells & Bamboo Pipes	7445	
1200-1500					
1200-1300	daily	KBS World R	K-Pop Connection	9570	

1200-1300	su	Mighty KBC	LA Connection - Rosko	6095-nn
1200-1300	sa	Mighty KBC	Golden Age of Rock n Roll	6095-nn
1200-1300	sa	R Australia	Saturday Night Country	5995 6080 6140-kr 6150 9475 9580 12065 12085
1205-1230	su	China R Int	Global Chinese Music	5955 9460 9600 9645 9730 11650 11660 11690 11760 11980 13650-al 15660 17490 17630
1210-1230	sa	NHK R Japan	Japan Hit Tunes (1 st sa)	11740-kr
1210-1230	sa	NHK R Japan	Japanese Pop Culture (2 nd sa)	11740-kr
1210-1230	sa	NHK R Japan	Music Journey (3 rd sa)	11740-kr
1230-1330	daily	KBS World R	K-Pop Connection	6095
1300-1400	su	Mighty KBC	Rock & Roll Rewind- Ron O'Quinn	6095-nn
1300-1400	sa	Mighty KBC	Rock & Roll Saturday	6095-nn
1300-1400	sa	R Australia	Saturday Night Country	5995 5940 6150 9475 9580 9965-pw 12065 12085
1300-1400	mo-fr	WWCR	Inspirations Acr. America	15825
1300-1330	sa	WWCR	Musical Memories	7490 15825
1305-1320	daily	V of Turkey	Music selection (vary time)	15450
1310-1357	su	KBS World R	K-Pop Interactive	9570 15575
1330-1400	fr	RNZI	Blue Smoke	6170
1345-1357	we	KBS World R	Sounds of Korea	9570 15575
1400-1500	daily	KBS World R	K-Pop Connection	9640
1400-1500	su	Mighty KBC	Rock & Roll Rewind- Ron O'Quinn	6095-nn
1400-1500	sa	Mighty KBC	Rock & Roll Saturday	6095-nn
1400-1500	sa	R Australia	Saturday Night Country	5940 5995 9475 9580 12065 12085 9965-pw(to 1430)
1400-1500	su	WWCR	Inspirations Acr. America	7490
1405-1500	mo	RNZI	Jazz Times	6170
1410-1430	sa	NHK R Japan	Japan Hit Tunes (1 st sa)	11705-pw 15735-ta
1410-1430	sa	NHK R Japan	Japanese Pop Culture (2 nd sa)	11705-pw 15735-ta
1410-1430	sa	NHK R Japan	Music Journey (3 rd sa)	11705-pw 15735-ta
1430-1500	sa	WWCR	Talking Machine Show	15825
1435-1455	su	All India R GOS	Film music	9690 11620 13710
1435-1455	fr	All India R GOS	Memories Linger On (Old film mx)	9690 11620 13710
1435-1455	sa	All India R GOS	Mixed bag (music & songs)	9690 11620 13710
1500-1800				
1505-1600	sa,su	V of America	Music Time in Africa	4930-bo 6080-sa 15580-bo 7895-bo
1505-1600	mo-fr	V of America	Border Crossings	4930-bo 6080-sa 7575-ud 12110-ph 15490-ph 15580-bo 17895-bo
1505-1530	su	V of Nigeria	Musical Heritage	15120
1600-1630	sa	R Australia	Unearthed 5	5940 5995 9475 9540-kr 9850 11880 12085
1610-1657	su	KBS World R	K-Pop Interactive	9515 9640
1611-1622	sa	R Taiwan Int	Original Waves	6180 15485-fr
1615-1625	sa	V of Vietnam	Weekend Music	7220 7280 9550 9730
1625-1640	th	R Taiwan Int	Encore Formosa	6180 15485-fr
1630-1700	sa	R Australia	Rare Collections	5940 5995 9475 9850 11880 12085
1630-1655	mo	R Taiwan Int	Soundwaves	6180 15485-fr
1630-1700	fr	RNZI	Blue Smoke	9630/DRM 9700

1635-1655	we	R Taiwan Int	Jade Bells & Bamboo Pipes	6180 15485-fr
1645-1657	we	KBS World R	Sounds of Korea	9515 9640
1700-1800	su	R Australia	The Music Show	5995 6080(from 1730)
1700-1800	mo	R Australia	Into the Music	9475 9580 9820
1700-1800	tu-fr	R Australia	Daily Planet	11880 12085(to 1730)
1700-1800	su	WWCR	Inspirations Acr.America	12160
1705-1800	su	RNZI	Hymns for Sunday	9630/DRM 9700
1705-1720	daily	V of Turkey	Music selection (vary time)	15520
1711-1722	sa	R Taiwan Int	Original Waves	15690-fr
1715-1725	sa	V of Vietnam	Weekend Music	9625-au
1720-1755	su (v)	R Romania Int	All That Jazz	9540 11810/DRM
1720-1755	mo	R Romania Int	Romanian Hits	9540 11810/DRM
1720-1755	we	R Romania Int	Romanian Musicians	9540 11810/DRM
1720-1755	th	R Romania Int	The Skylark	9540 11810/DRM
1720-1755	fr	R Romania Int	Truly Romanian	9540 11810/DRM
1725-1740	th	R Taiwan Int	Encore Formosa	15690-fr
1730-1755	mo	R Taiwan Int	Soundwaves	15690-fr
1735-1755	we	R Taiwan Int	Jade Bells & Bamboo Pipes	15690-fr
1800-2100				
1800-1900	fr	IRRS	Radio City (3 rd fr)	7290-ro [or 2 nd /4 th fr]
1800-1900	su	R Australia	The Music Show	6080 9475 9580 9710 9820 11880
1800-1900	mo-fr	R Australia	Inside Sleeve	6080 9475 9580 9710 9820 11880
1800-1900	sa	R Australia	The Live Set	6080 9475 9580 9710 9820 11880
1800-1830	su	WWCR	Musical Memories	12160
1800-1900	sa	WWCR	World Wide Country Radio	12160
1805-1830	su	China R Int	Global Chinese Music	6175 9600 13760
1810-1857	su	KBS World R	K-Pop Interactive	7275
1810-1830	sa	NHK R Japan	Japan Hit Tunes (1 st sa)	9755-me
1810-1830	sa	NHK R Japan	Japanese Pop Culture (2 nd sa)	9755-me
1810-1830	sa	NHK R Japan	Music Journey (3rd sa)	9755-me
1811-1822	sa	R Taiwan Int	Original Waves	6155-fr
1815-1725	sa	V of Vietnam	Weekend Music	7280 9730
1820-1900	daily	Bangladesh Betar	local mx and western mx	13580 (or 7250, 13860)
1825-1840	th	R Taiwan Int	Encore Formosa	6155-fr
1830-1855	mo	R Taiwan Int	Soundwaves	6155-fr
1835-1855	we	R Taiwan Int	Jade Bells & Bamboo Pipes	6155-fr
1845-1855	daily	Int R. of Serbia	Musical Heritage/Pop Flash	6100
1845-1857	we	KBS World R	Sounds of Korea	7275
1900-2000	sa	WWCR	Last Radio Playing (Blues)	12160
1905-1920	daily	V of Turkey	Music selection (vary time)	9785
1915-1925	sa	V of Vietnam	Weekend Music	7280 9730
1920-1930	tu	All India R GOS	Artist of the Day	7550 9445 11580 11670
1920-1930	fr	All India R GOS	Memories Linger On	11935 13695 17670
2000-2100	sa,su	V of America	Music Time in Africa	4930-bo 4940-sa(2030-) 6080-bo 15580-bo
2000-2100	mo-fr	V of America	African Beat	4930-bo 6080-bo 15580-bo
2000-2100	su	WWCR	Inspirations Acr. America	15825
2000-2100	mo	WWCR	Last Radio Playing (Blues)	12160
2015-2025	we	R Tirana	Hits Through the Years	7465
2015-2025	sa	R Tirana	Folk Traditional Music	7465
2030-2100	fr	R Australia	Australian Country Style	9580 11650 11660 11695-sh 12080 15415 15515
2045-2055	sa	V of Vietnam	Weekend Music	7220 7280 9550 9730

2100-2400

2100-2200	fr	V of America	Music Time in Africa	6080-bo	15580-bo
2100-2200	sa	V of America	VOA Music Mix	6080-bo	15580-bo
2100-2200	su	WBCQ	Marion's Attic	7490	
2100-2200	fr	WBCQ	Behaviour Night	7490	
2100-2130	sa	WWCR	Musical Memories	15825	
2105-2200	su	V of America	Country Music USA	6080-bo	15580-bo
2105-2200	mo	V of America	Soul Lounge	6080-bo	15580-bo
2105-2200	tu	V of America	Roots and Branches	6080-bo	15580-bo
2105-2200	we	V of America	Classic Rock Show	6080-bo	15580-bo
2105-2200	th	V of America	Top 20 Countdown	6080-bo	15580-bo
2105-2120	daily	V of Turkey	Music selection (vary time)	7205	
2110-2120	mo	All India R GOS	Hindustani instrumental	7550	9445 9910
2110-2130	su	All India R GOS	Film Songs	11620	11670 11740
2115-2125	daily	Int R. of Serbia	Musical Heritage/Pop Flash	6100	
2140-2155	tu	R Belarus	Best Songs of Slav. Bazaar	6155	11730
2140-2155	we	R Belarus	Music Store	6155	11730
2205-2230	su	China R Int	Global Chinese Music	9590	
2210-2257	su	KBS World R	K-Pop Interactive	11810	
2220-2255	su (v)	R Romania Int	All That Jazz	7430	9765 9790 11940
2220-2255	mo	R Romania Int	Romanian Hits	7430	9765 9790 11940
2220-2255	we	R Romania Int	Romanian Musicians	7430	9765 9790 11940
2220-2255	th	R Romania Int	The Skylark	7430	9765 9790 11940
2220-2255	fr	R Romania Int	Truly Romanian	7430	9765 9790 11940
2235-2250	daily	V of Turkey	Music selection (vary time)	9830	
2245-2257	we	KBS World R	Sounds of Korea	11810	
2300-2400	tu	WWCR	Last Radio Playing (Blues)	9350	
2300-2330	sa	WWCR	Talking Machine Show	9350	
2345-2355	sa	V of Vietnam	Weekend Music	9840	12020

That's all for this month. I'll be back in July with more program comment, so until then
73 and good listening - Alan



NASWA Yahoo Group

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



Glenn Hauser's *World of Radio* schedule can be found at

<http://www.worldofradio.com/radioskd.html>

International Broadcasting

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

How to broadcast to Russia

NASWA it might consider recruiting for new members among American conservative punditry. They seem nostalgic for shortwave and want to see shortwave restored as the main conveyance of U.S. international broadcasting.

John Lenczowski, founder of The Institute of World Politics, write in an op-ed in the Wall Street Journal, April 21: "Reaching modern audiences requires multiple media: Internet, cell phones, television and radio—using all frequencies: AM, FM and shortwave. As outdated as it may sound, radio remains an important weapon in the fight against oppression. Governments can track individual citizens' Internet usage, but those citizens can listen to radio anonymously. Radio broadcasts can be jammed, but consistently only in urban areas. Meanwhile, shortwave has undergone a technological revolution. Digital Radio Mondiale makes possible crystal clear broadcasts of sound, as well as—with the latest DRM receivers—text and video, which can be received anonymously and not easily jammed."

Well, he is correct about anonymous reception but wrong when he says DRM is "not easily jammed." I've listened to many hours of DRM, and I find it folds like a five dollar suitcase, i.e. the audio drops out completely, when co-channel interference reaches a certain threshold. So DRM is, in fact, rather easy to jam. Furthermore, "the latest DRM receivers," are all but impossible to find in shops.

To defeat jamming, U.S. international broadcasting would be better off employing the VOA Radiogram concept of digital text via analog shortwave transmitter. As producer and presenter of VOA Radiogram, I am being partisan here. Text via shortwave is *more forgiving* than analog voice in difficult reception conditions, which is the opposite

of DRM. Furthermore, text via shortwave requires no new or modified transmitter, and no fancy shortwave receiver. SSB capability is not needed. It does require a PC or, in the future, a mobile device to decode the tones.

Other conservatives defend shortwave as a means for U.S. international broadcasting. At the Heritage Foundation forum "Propaganda, Disinformation, and Dirty Tricks: The Resurgence of Russian Political Warfare" on April 21, panelists and commenters from the audience stepped up to advocate for shortwave to broadcast to Russian and the former USSR, scoffing at the dependence on the Internet to reach these areas. Audio of this forum is available at the "past events" section of Heritage.org.

I'm a shortwave person, but we have to face facts. In Russia, only about three percent of adults listen weekly to shortwave, versus about 55 percent using the Internet weekly. Now, if the Kremlin decides to block Internet content from abroad, shortwave could be useful as a workaround. If the remaining shortwave transmitting sites capable of reaching Russia are dismantled, this workaround would no longer be available.

Misinformation

Finding misinformation in the Lenczowski op-ed is not difficult. There is something incorrect in just about every sentence.

"Since the 1940s and '50s, the U.S. government has had two types of broadcast services 'where the free flow of information is either banned by government authorities or not fully developed' — the Voice of America, which explains American life and policy, and the 'freedom broadcasters' like RFE/RL and Radio Free Asia, which supply a surrogate domestic free press. These are not duplicative missions."

Mr. Lenczowski just explained the theory that justifies the perpetuation of multiple "entities" in US international broadcasting. In reality, VOA reported, and reports, amply about the domestic affairs of the countries to which it broadcast. It has had to do so because that is what the audiences are interested in. And as a result, there is duplication all over the place. Go the websites of VOA, RFE/RL, and RFA. It will only take a few minutes to find the corresponding language services of VOA and the "surrogate" stations reporting on the same news item.

All international broadcasting that has large audiences is "surrogate" broadcasting. It provides news about the target country that the audiences want but that is not provided by the target country's state-controlled media. RFE/RL and RFA are not the world's only surrogate broadcasters. VOA is a surrogate broadcaster. Radio France International is a surrogate broadcaster in Francophone Africa. Radio Australia is a surrogate broadcaster to the Pacific island states. BBC World Service is probably the world's most important surrogate broadcaster.

Reminds one of Radio Moscow

"[VOA and RFE/RL's] mission is not to be a government-sponsored CNN, but rather a strategic instrument of national-security policy. ... To that end, a full-time director of U.S. International Broadcasting should be appointed by the president with Senate confirmation, and accountable to the National Security Council. Under that director should be two separate presidentially appointed directors: one for the VOA and another for the freedom broadcasters."

Actually, because the audience wants news that is more comprehensive and credible than the news they get from their state-controlled domestic media, we should hope that CNN International creates a Russian language website similar to its Arabic language website. That would save the US

taxpayers the expense of providing this essential service. But, because it is probably difficult for a Russian-language website to be self funding through advertising (BBC does employ advertising to help fund its Russian site), the U.S. government must subsidize the effort.

But can a news operation be "a strategic instrument of national-security policy" and have politically appointed managers? No. Obviously no.

In fact, there is a precedent for what Mr. Lenczowski advocates. It was Radio Moscow. Radio Moscow during the Cold War years broadcast in more languages, with more transmitters, for more hours per day than any international radio station. It also had a tiny audience because it did not give the audience the comprehensive and credible news they were seeking. Radio Moscow was absolutely a "strategic instrument" of Soviet policy. Its managers were, to be sure, politically appointed. If U.S. international broadcasting adheres to the Radio Moscow model as (ironically and comically) conservative pundits are calling for, the Russian audience will flee and point their web browsers to bbcussian.com.

And, finally: "When U.S. 'hard power' assets are being cut is no time to cut the most cost-effective assets of soft power." Well, at least Mr. Lenczowski is not calling for a budget increase. But it's funny how conservative pundits, who call for tax cuts and a reduction in the size of government, advocate that budgets be increased, or at least held steady when the rest of government shrinks, for activities in which they are interested or might, in a future administration, obtain a plum job.

Views expressed above are my own. More international broadcasting news at www.kimandrewelliott.com. See also voaradiogram.net.



Shortwave Center

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

[Hope those of you living in the northern reaches of the continent haven't had to burn anything of value to keep that shack warm this past winter. We have a heavy emphasis on history this month, with a reprint from an Economist analysis of the current status of the BBC World Service for good measure. – Ed.]

International Broadcasting: Foreign Losses

**Sweeping cuts have not killed the BBC World Service.
Steady neglect might**

The Economist

March 29 – April 4, 2014

[Forwarded by Richard D'Angelo. Reprinted by permission.]

It is “perhaps Britain’s greatest gift to the world”, says Kofi Annan, former boss of the UN. Nelson Mandela, Mikhail Gorbachev and Aung San Suu Kyi all listened in. Yet the success of the BBC World Service, which broadcasts to nearly 200m people a week, was not inevitable. “Don’t expect too much in the early days,” warned John (later Lord) Reith, its founder, in 1932. “The programmes will neither be very interesting, nor very good.”

The World Service is still the most popular and best known of all international broadcasters—a cheap and sturdy buttress of Britain’s image abroad. Yet it is increasingly harried by competition, technological change and budget cuts. From April 1st it will no longer be funded by the Foreign Office, which has propped it up for years, but by a share of the BBC licence fee, a levy paid by all British television viewers. Cynics fear this will speed its decline.

In part the World Service’s woes are those of any incumbent media outfit, but more severe. Barriers to entry in broadcast news, colossal in the days of short-wave radio, are collapsing as FM radio and mobile phones proliferate in poor countries. In India and

much of Africa, local upstarts are taking on the World Service. Particularly in cities, satellite television and the internet have left audiences fragmented. Rival state-backed broadcasters such as Al Jazeera and Iran’s Press TV crowd in.

The World Service will never again marshal the loyalty it enjoyed in its heyday, when it was the only source of plausible news for many people. But cuts have made its task more difficult still. In 2005 it provided services in 43 languages. That is down to 28. Chinese state journalists, by contrast, pump out propaganda in more than 60 tongues. In 2010 the Foreign Office cut its funding by 16%, leading to the departure of about a fifth of its staff.

It has weathered this bloodletting better than many expected. The World Service’s audience grew last year, thanks to its Arabic and Persian TV stations (see chart). It has adapted to growing competition by creating more programming for local partners to air. Its online audience, though small, is picking up.

The BBC pledges to be a benevolent guardian. Tony Hall, the corporation’s boss, talks about doubling the Beeb’s international audience to half a billion people. From April the World Service’s budget will rise by £6.5m to £245m (\$406m). The licence fee might prove a more stable source of funding than government handouts, which are subject to

three-yearly reviews. And the World Service's reputation for independence should be bolstered now that it no longer relies on government cash.

Digesting the World Service could also boost the BBC's domestic broadcasting. Accounting rules have made it difficult for the organisations to share technology and staff. Gaining better access to the World Service's reporters ought to lessen the temptation to fly "white men in suits" to hotspots, says Mark Galloway of International Broadcasting Trust, a charity.

Yet assimilation risks stripping the World Service of its distinctiveness and thus its edge, says Richard Sambrook, an academic who used to run it. Others fret that—in common with many of the BBC's international ventures—World Service radio schedules will increasingly feature ads.

And the World Service's budget might be slashed further. The licence fee has been frozen, yet it is still resented: on March 25th MPs voted in favour of a plan to decriminalise non-payment. As belts tighten, executives will find it hard to convince Britain's fee-payers—who currently see little of the World Service's output—that Hindi or Hausa services should be spared at the expense of domestic programming, says Nic Newman, another former staffer. MPs complain that

the World Service's boss will not sit on the BBC's most senior management boards. In January the Foreign Affairs Committee warned that "a steady erosion" of its influence within the BBC could starve it of resources, damaging Britain's interests in foreign lands.

Cheap at the price

That would be a mistake. The World Service looks cheap compared with the £600m the government spends on free TV licences for the elderly, and its budget is less than half that of BBC Two. Considering its reach and reputation, this is peanuts.

From April the BBC will still have to seek the Foreign Secretary's approval to close an existing language service or launch a new one. That grants the World Service some protection from wider BBC cuts, even if this odd separation of funding from decision-making seems unsustainable in the long run. But safely guarding its international network will also hand the corporation a bargaining chip when next negotiating its royal charter, in 2016. Though critics of the licence fee would happily smash the BBC's soaps and game shows, only its fiercest opponents want foreign broadcasts further squashed. While the World Service remains a national treasure, it is also a valuable ransom.

[The following article originally appeared in *Radio World* (radioworld.com) and is reprinted by permission. – Ed.]

When CBS Got Serious About Shortwave

John Schneider, 03/07/2014

W2XE was begun in the mid-1920s by Alfred H. Grebe, an early manufacturer of radio receivers. It rebroadcast the programs of his AM station, WAHG in New York City. In 1926, he formed the Atlantic Broadcasting Company and changed the AM call sign to WABC.

William S. Paley bought the AM and shortwave stations in 1928, and so WABC became the flagship station for his network, the

Columbia Broadcast System. (To avoid confusion, the call sign was changed to WCBS in 1947, when the NBC Blue Network was sold and became the ABC network. The ABC station WJZ then took on the WABC call sign.)

For a number of years, W2XE was simply a relay station for the programs of WABC and the Columbia Network, the same as its other shortwave station, W3XAU in Philadelphia. But in 1937, CBS decided to get serious about international broadcasting and formed a Shortwave Bureau.

A pair of Vee (half Rhombic) antennas was aimed at Europe and South America. The rotary switch above the transmitter allowed its connection to either antenna. With more power and a high-gain antenna, W2XE then boasted an effective radiated power of 40,000 W. That was plenty of power to be heard around the world on the quiet shortwave bands of the time.

The new transmitter plant was dedicated on May 12, 1937, by Elizabeth Ann Tucker, who was the new head of the Shortwave Bureau. She had worked for CBS Engineering since 1931 in a non-technical capacity. She soon developed a new program schedule that combined domestic CBS programs with special programs in English and Spanish for international audiences.

A QSL card from W2XE in 1939 shows operations on 6120, 6170, 9650, 11830, 15270, 17830 and 21570 kHz. The same transmitter was apparently used for all frequencies, and the station changed channels during the day as propagation conditions changed. Thirty-minute silent periods between frequency changes gave the engineers time to re-tune the transmitter.

In the 1930s, the FCC still considered shortwave to be "experimental," as indicated by the letter "X" in the call sign. This meant that shortwave stations could not broadcast advertising, and this — along with the congressional prohibition against any direct shortwave broadcasting by the U.S. government — discouraged most shortwave investment in this country.

Meanwhile, Germany had a powerful presence on shortwave, spreading Nazi propaganda around the world. And so, to counter this, in 1939 the FCC eliminated the experimental designation, which meant that standard broadcast call signs were assigned. W2XE became WCBX and began a dubiously successful attempt at international commercial broadcasting. Meanwhile, NBC and General Electric were also attempting to commercialize shortwave radio with their own stations aimed at Europe and Latin America.

This short period of commercial shortwave radio came to an abrupt end in 1941 with the bombing of Pearl Harbor. Within a few weeks, all commercial shortwave stations in the United States would be taken over by the new Office of War Information for government transmission of war news and propaganda to the European and Pacific theaters.

To get around the legal restriction on government broadcasting, CBS and the other station owners continued to operate the transmission plants, but all programming came from OWI studios in New York and San Francisco, with all operating costs reimbursed by the government. CBS moved its shortwave plant to Brentwood, Long Island, in 1940, and in 1943 added two more government-financed transmitters, which were heard as WOOC and WOOW. They also opened a new West Coast shortwave complex at Delano, Calif., in 1944.

After the war, Congress finally did an about-face on the issue of government shortwave broadcasting, with the result that most U.S. shortwave stations were purchased outright by the government and became the beginnings of the Voice of America.

Even if World War II had not interrupted things, it's unlikely that CBS or the other commercial broadcasters would have ever made any money with their shortwave operations. After the war, the shortwave bands found success only as an outlet for government propaganda and religious broadcasting. But for two short years, 1939 to 1941, the world enjoyed a brief taste of American-style commercial broadcasting on the international shortwave bands.

For other articles on early shortwave broadcasting, see these previous Radio World articles; find them with the given keyword at radioworld.com: "W6XBE at the Golden Gate Exposition, 1939," keyword W6XBE "WCAU Used Shortwave in Philadelphia" and "A Sequel to the Philadelphia Story," both with keyword WCAU.

John Schneider is a lifelong radio history researcher. Write the author at jshneid93@gmail.com.

BBC Indian Ocean Relay Station Seychelles: The End of an Era

On Saturday, March 29, the shortwave service from the BBC Indian Ocean Relay Station in the Seychelles Islands came to an end after 26 years of broadcasting into East Africa. This shortwave service is ended, though the lone remaining FM station operated by the BBC in the Seychelles Islands will remain on the air.

The Seychelles Islands are listed as an African country, located nearly a thousand miles east from the continent itself. A total of 155 islands are listed officially as belonging to the Seychelles, though only 40 are permanently inhabited. The total area of all of these islands is just 175 square miles, though they are scattered around an area of 400,000 square miles in the Indian Ocean.

Some of the islands are described geologically as granitic, while others are semi-tropical coral islands and atolls. The largest island is Mahe, with Victoria as the capital city. Two other major islands are Praslin and La Digue.

The total population in all of the Seychelles Islands is a little less than 100,000, all of whom can trace their ancestry back to France, England, Africa, China or India. The national languages are English and French, though most people also speak the local Creole, which is French derived. Tourism is one of their main sources of income.

There are many life forms in the Seychelles that are quite unique, such as the Black Parrot, which is their national bird. Other unique life forms are the strange Jellyfish Tree which thus far has evaded every form of propagation, and the coconut tree--coco de mer-- with its huge double coconut, which can weigh up to 50 lbs. each.

It is thought that the first visitors to the Seychelles Islands were Austronesians from

Indonesia who passed through the area more than a thousand years ago. The next visitors came in from the Maldiv Islands around 800 years ago.

The first European visitor was the famous Portuguese explorer Vasco da Gama who was en route to India in 1502. The first known European landing in the islands was made by Captain Sharpeigh of the East India Company in January 1609; and a French expedition from Mauritius visited Mahe Island in 1742.

Fourteen years later, the French laid claim to the Seychelles Islands by placing an inscribed Stone of Possession at La Poudriere (Victoria) on November 1, 1756. Then a few years later again, the first permanent inhabitants in these islands arrived from Mauritius. Though the Seychelles were originally a French possession, they were granted to England by the Treaty of Paris in 1814; and they assumed independence on June 29, 1976.

It was back in the year 1978 that the BBC gave recognition to the fact that it would be advisable to establish a relay station somewhere in the area, though because of a slowdown in the economy in England, funding was not available. However, three years later, the BBC dropped its programming in the Italian and Maltese languages in order to provide funding for this projected new station.

The BBC then began negotiations with the Seychelles government; and on August 8, 1983, they announced in their DX program, Waveguide, that the projected new short-wave station would be ready for service five years later. The BBC and the Seychelles government signed an agreement in 1985, and work on the new station began during the following year.

The new BBC Indian Ocean Relay Station was constructed at Anse Mahe on the west coast of the island of Mahe and a swampy mangrove area was filled in for this purpose. The plans for the new station originally called for four shortwave transmitters, 2 at 300 kW and 2 Marconis at 250 kW, together with a total of six four-band curtain antennas suspended from four self-standing towers. The total cost for this project was estimated at £8 million. However, when the project was completed, only two shortwave transmitters were installed, both Marconi Model B6131 at 250 kW.

An official ceremony took place on June 9, 1986 to mark the beginning of construction; two years later initial test transmissions were radiated; and the station was taken into regular service on September 25, 1988. An opening ceremony was staged a few days later on October 7. Programming beamed into East Africa was progressively transferred from the BBC Cyprus to this new station in the Seychelles.

In order to ascertain the effective coverage area for the new BBC Indian Ocean Relay Station, the BBC offered full data QSL cards, though only for listeners in the target areas in Africa. However, generally speaking, the staff at the Seychelles station did issue QSL

cards for all reception reports sent direct to the station itself.

Programming for the BBC Seychelles came direct from London and it was made up usually of the BBC World Service in English, the BBC African Service, and programming in the Somali language. This scheduling was on the air via the two transmitters in parallel for around a dozen hours daily.

The first BBC FM station in the Seychelles was inaugurated in Victoria on 106.2 MHz in 1995; and this was followed in mid 2004 with the installation of two additional FM stations, at Anse Soleil on 105.2 and Pointe aux Sel on 105.6.

The BBC celebrated the 20th anniversary of their Indian Ocean Relay Station on October 2, 2008. At the time, they stated that 9 million people were listening to the relay programming from this shortwave station.

Then five years later, they announced that the station would be closed. The chosen date was Saturday March 29. The shortwave station is now silent; though we understand that one of their downlink FM stations, Victoria, will remain on the air with programming from the BBC African Service.

ADRIAN PETERSON'S DIARY

The World's Most Inaccurate Scientific Measurement

As we are aware, the accepted measurement for a radio channel is expressed in meters or kilohertz. Back a century or more ago, the usual measurement of the channel was given in the metric style, meters. This term expressed the distance between two successive crests of the propagated radio signal, like the two successive waves in the sea.

Initially, the actual wavelength of the earliest wireless transmitters was determined by the natural wavelength of the transmitting equipment together with the antenna

system. However, when the usage of tuned radio transmitters was introduced, a shift in terminology took place and the identification of radio channels began to change from wavelength in meters to frequency in kilocycles.

Back in those times, it was understood that the relationship between wavelength in meters and frequency in kilocycles was 1:300,000. That is, if you divide wavelength or kilocycles into 300,000, then you will obtain the reciprocal.

For example, the well-known chonohertz station, WWV, transmits exactly on 10,000 kilohertz. Divide that figure into 300,000 and you obtain the wavelength at exactly 30 meters. However, we ask the question: How accurate is the accepted relationship between meters and kilocycles, or kilohertz as we say today?

The exact length of a meter was accepted in the year 1791 as 1/10 millionth part of the distance from the equator to the North Pole at sea level. In later years, this distance has been refined for greater accuracy, though the concept remains the same.

This same distance, a meter, is also expressed as how far light will travel in a vacuum in 1/299,792,458th of a second. As a comparison, light could travel seven times

around the Earth in one second; and it takes light approximately 8 minutes to travel from the Sun to the Earth. Now, electricity and light travel at the same speed.

The number 299,792,458 is certainly almost 300,000,000, but not exactly. In fact there is a difference of 207,452, an error of approximately .07%. Thus, if WWV is transmitting on exactly 10,000 kHz, then the exact wavelength would be approximately 29.98 meters, not exactly 30 meters, a difference of 2 centimeters, about 3/4 inch.

So, does this popular conversion rate between meters and kilohertz at 1:300,000 qualify as the world's most inaccurate scientific measurement? Yeah, probably! Does it really matter? No, probably not!

ADRIAN PETERSON'S DIARY

On the Air with WNYW, Radio New York Worldwide

1966 was a year of massive expansion for shortwave station WRUL, with new studios, a new callsign, a projected new location, and a special shortwave receiver designed for mass production. During this same year, the mail response to the programming on shortwave WRUL was enormous, at 3,000 per month.

Four years after Bonneville International in Salt Lake City Utah acquired shortwave station WRUL at Hatherly Beach, Massachusetts, they transferred studio production to a new location. At this stage, CBS Radio had recently moved from its long-term lease at 485 Madison Avenue in New York City to its own new building nearby, and Bonneville took up the 3rd floor of the vacated building with 9 studios and 6 control rooms. The studios for the Bonneville FM station WRFM were also installed into this location, though their FM transmitter was atop the famed Empire State Building.

Effective June 1, 1966, the old shortwave callsign was dropped and the new callsign was adopted, and thus the historic WRUL

became the new WNYW, reminiscent of the station slogan, Radio New York Worldwide. A special QSL card was printed in honor of the occasion.

By arrangement with the Drake radio company in Miamisburg, Ohio, a special radio receiver was designed for sale to WRUL listeners. This was the WRUL Drake SW4, which was subsequently modified into the SW4A version. It is known that 600 SW4 were constructed before the updated SW4A was introduced.

In this same year 1966, plans were announced for a new shortwave station which would be located on the Jersey Barrens near Chatsworth, New Jersey. The 40 acre site at Hatherly Beach was just too small and too old.

It was intended that the new site with its 735 acres would contain 5 transmitters (2 at 250 kW, 1 at 100 kW & 2 at 50 kW) together with a bevy of curtain and rhombic antennas. The FCC issued a Construction Permit

for the new station, and work at the new site began around mid year 1966.

However, all of the majestic expansion plans that were laid out in 1966 went up in smoke during the following year 1967. There was a disastrous fire of suspicious origin at the Hatherly Beach facility on Sunday morning, April 9 (1967) and none of the original WRUL electronic equipment survived.

Work had already begun on the new facility at Chatsworth, and Bonneville announced that the new station would be quickly completed and activated later in the same year. However, instead, work on the new Chatsworth station was actually terminated, and the Hatherly Beach station was rebuilt.

During the interim period, Radio New York Worldwide WNYW took out a temporary relay from two other shortwave locations. Shortwave historian Jerome Berg of suburban Boston tells us in his informative volume, "Broadcasting on the Short Waves, 1945 to Today," that the WNYW programming was transferred to RCA Rocky Point and to ITT Brentwood, both of which were located on Long Island in the state of New York.

This new and temporary fill-in relay began during the next week after the fire, on April 17, 1967. This interim procedure was in vogue for somewhere around four months and it ended somewhere around August when the rebuilt facility at Hatherly Beach was reactivated with a whole consignment of new equipment.

In the rebuilding program, it is stated that truckloads of new transmitter equipment from both Continental and Gates began to arrive at the Hatherly Beach station, including the following transmitters:

- 2 at 100 kW, 3 at 50 kW, 1 at 20 kW

Another source tells us that it was:

- 2 at 100 KW, 2 at 50 KW

Then, when the new WNYW was activated, it is stated that the complement of new transmitters was:

- 3 at 100 kW, 2 at 50 kW, 1 at 20 kW

Programming for the new station, WNYW at Hatherly Beach, was compiled in the studios of FM station WRFM in New York City and forwarded on tape to Hatherly Beach. CBS news bulletins and occasional feature programs were provided live via landline from WRFM New York to WNYW Hatherly Beach.

In the early 1970s, shortwave station WNYW was placed on the market for sale, and one of the early enquiries came from the Far East Broadcasting Company, who were already operating major shortwave stations KGEI in San Francisco and FEBC Manila in the Philippines. Bonneville International also offered to sell the station to the Voice of America for just \$1, though VOA did not take up the offer.

Another enquiry came from Family Radio at Oakland in California. They were already providing programming to the station for 16 transmitter hours daily, beginning January 22, 1973. Then, on October 20, of that same year (1973), the station changed hands and shortwave WNYW at Hatherly Beach, Massachusetts with studios in New York City became WYFR with studios in Oakland, California.

At the time of this transaction, the WNYW schedule shows the following transmitters:

- WNYW2 & WNYW3, both at 100 kW, made by Gates
- WNYW4 & WNYW5, both at 50 kW, one each made by Continental & Gates

It would be presumed then that WNYW1 was the 20 kW standby transmitter, made by either Continental or Gates. Apparently this lower powered transmitter had been removed some time prior to the transfer from Bonneville to Family Radio. 

Listener's Notebook

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

Times are UTC and frequencies in kHz.

ALASKA Tentative A14 schedule for **KNLS** - The New Life Station, Anchor Point, Alaska

0800-0900 Russian 9655
0900-1000 Chinese 9655
1000-1100 English 9655
1100-1200 Chinese 9610
1200-1300 English 7355
1300-1400 Chinese 9910
1400-1500 Chinese 7355
1500-1600 English 9920
1600-1800 Russian 9655
(KNLS Russian web site 30 March/BDXC)

ARGENTINA 6060.00, **R.A.E.** Buenos Aires; at 2245-2302 on Apr 10; various nx, mx "Sueño de los Andes", ment: "Siempre Argentina con la música latinoamericana", ID: "RAE, Radio- difusión Argentina al exterior", mx, ID, ment prgm: "Usted escucha "Vientos de Argentina"... ID: "RAE, la radio pública argentina al exterior". 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

15345.280, **RAE** Buenos Aires scheduled 1700-2400, heard with Italian language sce at 1923 April 17, S=9+15dB or -63dBm signal strength, steadily reinforcing. (Wolfgang Büschel, Germany, wwdxc BC-DX TopNews April 17)

AUSTRALIA New frequencies in A-14 shortwave schedule of **HCJB Australia**:

1230-1430 NF 11595 KNX various, ex 15340
1405-1530 NF 15450 KNX English, ex 15340, new time
1430-1500 NF 11590 KNX various, ex 15340
Very strong signal in Bulgaria on those three new frequencies. HCJB Australia soon will be changing its name to Reach Beyond. (DX Re Mix News, Bulgaria)

Radio Australia no longer QSLing! As Nigel Holmes, departed the organisation last July, the QSLing has stopped. We are working through this issue at this time. We cannot afford to subsidise the QSLs but we are also working with Craig Allen of Ozy music radio

to look after the 3210 option. At this time Vintage radio on 3210 has great vintage music. (ARDXC)

AZERBAIJAN The **Voice of Talyshistan** radio station [9677] started broadcasting from Shushi, Nagorno Karabakh, a year ago at the initiative of the Iranian Studies Chair of the Yerevan State University and the Modus Vivendi Centre. The main target audience was about the 1.5m Talysh population in Azerbaijan. In the course of one year the radio station has managed to become the cultural and political microphone of the Talysh people, contributing to the raise of their national identity, Head of the Iranian Studies Chair Garnik Asatryan told reporters. In Azerbaijan Talyshs are deprived of their own radio and TV. (Public Radio of Armenia web site 21 March via Alan Pennington/BDXC)

BOLIVIA 3310.00, **R. Mosoj Chaski**, Cochabamba. At 2310-2335 on Apr 12; nx in Quechua about fight against crime, advs: "Lloyd Aéreo Boliviano, viaje a Argentina", mx, more nx about Latin America and Venezuela. ID: "Mosoj Chaski". 33333. (Pedro F. Arrunátegui-Perú/DXplorer)

6134.80, **R. Santa Cruz**, Cochabamba; at 1015-1040 on Apr 7; ID on passing: "Por Radio Santa Cruz", mx, ID: "Por más viejo que estés, Radio Santa Cruz siempre te acompañara", lessons about geography of the Department of Oruro. 33333. (Pedro F. Arrunátegui-Perú/DXplorer)

BRAZIL 4785.00, **R. Caiari**, Porto Velho; at 1010-1035 on Apr 11; px of messages and comunicados, followed by mx. ID: "Muy buenos días, amigos de Radio Caiari", advs. 33333. (Pedro F. Arrunátegui-Perú/DXplorer)

4915.00, **R Daqui**, Goiânia, GO, 0152-0155, Apr 05, full station IDs, male singer group, channels suffer heavily by CODAR scratch interference. S=8. Heard on NY-US remote SDR unit. (Bueschel-Germany/DX Window)

10000, **Time Signal Station Observatorio Nacional**, Rio de Janeiro, RJ, 0444-0452, Apr 12, Time Signal anns, "Observatorio Nacional, 1 hora, 46 minutos, 0 segundos", 24322. (Méndez-Spain/DX Window)

CAMBODIA Cambodian Radio Station Supporters Injured in Clashes With Police At least six people were injured, one of them seriously, as supporters of a radio operator and frequent government critic clashed with security forces in Phnom Penh. About 100 protesters were confronted by baton-wielding police Monday as they attempted to gather at Freedom Park, the government-sanctioned assembly space that was blocked by police on Sunday. The clash was near the Ministry of Information, which has refused to grant Beehive radio permission to expand its network or add a television station to its operations. Beehive owner Mam Sonando said his supporters have a right to assemble. "Most of them [security forces] do not understand the law and the order was given illegally," he said. "We are simply demanding freedom. We will keep on pressing and will have more gatherings." But Phnom Penh government spokesman Long Dimanche disagreed, saying authorities have a right to stop what he called "illegal activities". "We simply maintain public order," he said. "The gathering was illegal." It is the second time in two months Beehive supporters rallied against the government decision not to grant a new TV license. A protest in January was also broken up by police. Cambodia has seen an increase in violent clashes between protesters and police since the opposition declared that elections last July were rigged. Beehive carries programming from the Voice of America, Radio Free Asia and other international agencies and is one of the few remaining independent broadcasters in the country. (Suy Heimkhemra VOA Website via Radio World International Newsbytes)

casts; CBC's most important source of advertising revenues. Compared to what's happening at CBC-TV, CBC Radio is getting off lightly. Most of the 657 job cuts are occurring on the TV side, where CBC is abandoning professional sport coverage due to costs. That said, CBC Radio listeners will notice the impact of the cuts. On Radio One, reductions to content production will result in more program repeats, cuts to regional music performance shows, and combining some local shows into single regional broadcasts. A plan to open a station in the London, Ontario market has also been cancelled. The news is worse on Radio 2. Thanks to newly introduced ad sales bringing in CA\$13 million less than expected, "We can no longer afford to keep resources to record live music in every location across Canada," said Chris Boyce, CBC's executive director of Radio & Audio. "So we've had to cut 12 regional music positions across the country. This means listeners will hear less live music." Since CBC's broadcast license forbids it from airing ads on the more popular Radio One, Canada's public broadcaster will have to bear these cuts. They are the latest in a series that stretches back to the 1990s. (Radio World International Newsbytes)

CANADA Amidst a restructuring due to a budget shortfall, Canada's national public radio and television broadcaster, the *Canadian Broadcasting Corp.*, will cut some 650 jobs and scale back sports programming production. The cuts represent about 8% of the total work force, according to the Globe and Mail, which reports the CBC is facing a \$130 million revenue shortfall projected for 2014-15. (Radio World NewsBytes)

CBC Cuts Hit Radio by James Careless: CBC Radio's two English networks — *Radio One* and *Radio 2* — are losing employees and consolidating programs in the wake of a \$130 million revenue shortfall suffered by Canada's public broadcaster (2014-2015 budget: CA\$913 million). The loss is a combination of continued government funding cutbacks, plus CBC-TV being outbid by private broadcaster Rogers for the rights to National Hockey League broad-

CHINA Unscheduled frequency of *China Radio International* on April 1:

1100-1257 NF 15660 KAS English, ex registered 13645 (DX Re Mix News, Bulgaria)

CLANDESTINE Radio Assenna/Eritrean Forum:

1700-1800 on 15245 ISS Tigrinya Mon/Thu/Sat
Radio Assenna

1700-1800 on 15245 ISS Tigrinya Tue/Fri/Sun
Eritrean Forum

1700-1800 on 15245 ISS Arabic Wed *Eritrean Forum*

1800-1900 on 15245 ISS Arabic Sat *Eritrean Forum*

(DX Re Mix News, Bulgaria)

All transmissions of *Open Radio North Korea* on shortwave are cancelled. (DX Re Mix News, Bulgaria)

Sedaye Radio-ye Mehr Iran

1630-1700 on 15680 ISS Farsi Mon/Fri. Strong co-ch on 15680 between Sedaye Radio-ye Mehr Iran & CRI.

(DX Re Mix News, Bulgaria)

Radio Ndele Luka HFCC registration entry:

17500 at 1700-1730 WOF French
(Wolfgang Büschel-Germany, wwdxc BC-DX TopNews)

Frequency change of **Radio Free Sarawak** from April 18:

1100-1230 NF 15430 PUG Iban Mon-Sat, ex 15420
(DX Re Mix News, Bulgaria)

15175, **BBN Radio** (Berekan Broadcasting Network) via Issoudun (presumed). 5 days after I sent a reception report to bbn@bbnourvoice.com, I got the shortest response I've ever received— just 1 word: "Thanks"! I've heard this Friday, Saturday, and Sunday broadcast on 15170 & 15155 as well as 15175. Moderate jamming was heard on all but one occasion. (Wendel Craighead-KS/DXplorer)

15515, **Raadiyoo Warra Wangeelaa**, IRRS Milano brokered via Radiocom facilities at Saftica-Tiganesti-ROU txing center site. 1457 on and into instru. Italy NA, then M w/IRRS sign on ID. Into rel. pgm R. Warra Wangeela (from Union of Oromo Evangelical Churches in Europe) opening ID by M in soft voice over mx. Gave the e-mail addr too. 1502 cont. w/vcl mx and more tlk by M over mx. Tlks. Apparent closing at 1529, then IRRS ID by M and off. A little bit of an echo to the signal. 5 April. (Dave Valko-PA-USA, hcdx April 6)

17500, **Radio Ndele Luka**, via Al Dhabbaya in B-13, now via Woofferton-UK in A-13 season. [Wolfgang Büschel-Germany, wwdxc BC-DX TopNews] Pgmng started just a little before 1700 w/M anncr in French giving the freq in kHz and ment of Ondes Courtes, Congo, and Afrique. Really nice quick choral ID jingle at 1728:55, then anmnt by M w/ment of "kilohertz", brief Ndele Luka them song which was stopped and the plug pulled at 1729, 5 April. (Dave Valko-PA-USA, hcdx April 5) Sango is a true African (Bantu) language and spoken primarily in the Central African Republic (along with French). But it can also be found in Chad, Congo D. R. and surrounding regions. For nearly half a million people, Sango is their primary tongue, but it is also a second language for up to 5 million people. The sound of Sango is at times quite "French-like" to the ear, and this is because it has a lexical similarity with French (i.e. there are many borrowed words from that language). It is also a tonal language with high, middle and low tones. (Rob Wagner VK3BVW-Australia/ARDXC)

17540, **Radio Mara** via Talata. Full-data, including program name & language, MGLOBAL card in 2 months. This is a very nice card depicting a map of Madagascar comprised of a color montage of Madagascar scenes. The ocean to the east is what appears to be a mat made of a very fine straw-like material cut to the shape of the eastern coastline of the island and then applied to the card. Address: MGLOBAL SA, P.O. Box 404, Antananarivo - 101, Madagascar. (Wendel Craighead-USA)

SW Radio Africa reducing shortwave broadcasts: We have an important announcement for our listeners on shortwave. Starting Tuesday 1st April we will be reducing our shortwave broadcasts to one hour a day. There will also be no shortwave broadcasts at the weekend. We apologise for any inconvenience this may cause. (DX Re Mix News, Bulgaria)

CUBA New summer frequencies of **China Radio International** via Cuba:

1200-1257 NF 13590 Cantonese, ex 9570 A-13
1300-1357 NF 13590 English, ex 9570 A-13
1400-1457 NF 15535 English, ex 13740 A-13
1500-1557 NF 15535 English, ex 13740 A-13
(DX Re Mix News, Bulgaria)

ETHIOPIA 6030, **R. Oromiya** - Addis Ababa. Noted from 1850 to past 1910, with some great Eaf music programming. Clear ID at 1906 as "Radio Oromiya". Been a while since I have heard this one! Good signal in the clear on Apr 10. (Rob Wagner VK3BVW-Australia/ARDXC) 6030, Oromiya (re-activated!), Addis Ababa, *0257, Mar 25, IS, Anthem, vernacular ID at 0301, QRM from Cuban noise jammer vs. Marti, 32542. (Pankov-Bulgaria/DX Window) 6030.00, 1820-1830, 19.04, R Oromiya, Adama, Oromo ann, folksongs. 35433. (Anker Petersen-Denmark/PlayDX)

7237.1, **R. Ethiopia** - Geja Jewa. A weak signal and sandwiched between CRI 7235 and PBS 7240, and creating one almighty het with 7235. Noted with a long local ballad and French anncts at 1730. Difficult listening on Apr 10. (Rob Wagner VK3BVW-Australia/ARDXC)

FRANCE Strong co-ch on 9535: **R. Algerienne** and **R. Exterior de Espana**:

0500-0505 on 9535 French news bulletin
0505-0558 on 9535 Arabic Holy Quran px
(DX Re Mix News, Bulgaria)

GERMANY Updated summer A-14 schedule of *Mighty KBC Radio*:

from March 30 until Oct.19
0800-1500 on 6095 NAU English Sat/Sun

until Apr.27 and from Sep.7
0000-0200 on 7375 NAU English Sun

from May 04 until August 31
0000-0200 on 9925 NAU English Sun

(DX Re Mix News, Bulgaria)

GUAM Frequency change or technical error of *KTWR*, Trans World Radio Asia:

1345-1430 NF 15240 TWR Korean Sat April 5, ex 11580
1345-1445 on 11580 TWR Korean Sun or new 15240
1345-1500 on 11580 TWR Korean Mon-Fri or new 15240
(DX Re Mix News, Bulgaria)

9460.020, *KSDA* AWR Guam Russian service logged at 1100-1130 slot, well ahead of co-channel UNID program of likely CRI Nanning Chinese? S=7 side lobe of -84dBm, at 1127 the final announcement in Russian and amongst Moscow mail address given so far. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews April 5)

13710.030, AWR Cambodian service via *KSDA* Guam site, scheduled 10-11, noted in down under at 1025 April 5, S=8 at -81dBm strength level. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews April 5)

GUATEMALA 4055, *R. Verdad*, Chiquimula, 0508-0606*, Apr 06, English religious comments, ID 0556: "Transmite la estación educativa evangélica Radio Verdad, en la frecuencia de 4055 kHz banda de 75 metros, Radio Verdad, apartado 5, Chiquimula, Guatemala, Centroamérica", ID in other languages, anthem and close down. Best on LSB, 14321. (Méndez-Spain/DX Window)

INDONESIA 3325, *RRI Palangka Raya*, 1152-1200, Apr 06, popular song, news reports (?) in Bahasa Indonesia. I have been feeling accurately and stably this frequency, 34232. (Wagai-Japan/DX Window)

4869.92, *RRI Wamena* at 1115 nx by M annrc in IN w/sev. ments of RRI ending w/nice site ID at 1117, then "Bagimu Negeri". Then M returned at 1119 w/clear site ID again, and ment of informsi and

Jakarta. Into the "The Rivers of Babylon". Fairly good signal. 1 April. (Dave Valko-PA-USA, hcdx April 6) 4749.96, RRI Makassar, 1049-1110, Apr 10, music off and on between fading, ann in Bahasa Indonesia, at 1100 music is heard again using AMS mode, weak signal. Finally by 1106 the signal seemed to fade. (Bolland-FL/DX Window)

IRELAND *Horizon FM* which was heard on 5780 in February has been head during March using either 6205, 6245, 6255 or 6290. It broadcasts mainly on Saturdays-Sundays as well as Friday evenings but has also been logged on other days as well during March. The transmitter site is unconfirmed but reportedly relayed via Ireland. (Reports via John Hoad, Paul Watson, Alan Pennington/BDXC) 6205, *Horizon FM*, La Corona, North Tenerife, 0505-0615, Apr 06 and 13, pop music, English ID: "Horizon FM , 102.5 and 104.5", advs, mentioned "Tenerife" and telephone numbers of Tenerife, also mentioned "Isla de la Palma", at 0600 "Sky News" and more music, 34433. (Méndez-Spain/DX Window)

KOREA (NORTH) Assumption by Y.T. - what happened in Kim Jong-un land? From many years of experience with the Pyongyang-KRE Korea shortwave radio signals worldwide received on all continents, as seems currently main power shortage happen in this country of ruler Kim Jong-un? For some days now of extensive monitoring, all Kujang transmitter power on all channels and all meter bands out of Far East Asia area reveal like tx power reduction from 200 kW to a reduced to a quarter 50 kW for example. Last week 15160 Kimje-southern KOR program heard powerful as usual here in Europe, but 15245 from Kujang-northernKRE in Russian suffered much compared to former usual signal strength. In Feb/March 2013 new 10 tx units bought and erected by D.P.R.'s Kim Jong-Un government of BBEF Chinese transmitter equipment factory from Beijing China, installed/connected at Kujang transmission center site since Feb 1st until March 15, 2013. (Wolfgang Bueschel, wwdxc BC-DX TopNews)

A14 English schedule for *Voice of Korea*:

0400-0500 As 7220 9445 9730 Am 11735 13760
15180

0500-0600 As 13650 15105

0600-0700 As 7220 9445 9730

1000-1100 Am 11710 15180 As 11735 13650

1300-1400 Eu 13760 15245 NAM 9435 11710

1500-1600 Eu 13760 15245 NAM 9435 11710

1600-1700 ME 9890 11645
1800-1900 Eu 13760 15245
1900-2000 Saf 7210 11910 ME 9875 11635
2100-2200 Eu 13760 15245

(Extract of schedule from Arnulf Piontek, 26 March/BDXC)

KUWAIT 6050, *R. Kuwait*. This was a bit of a surprise! Kuwait running the English service on the normally Arabic General Service outlet at 2025 with old pops and disco. ID'd at 2040 announcing the English MW, FM and SW 15540 outlets but no mention of 6050. They announced 15540 as being in the 25mb - oops!! Time check as 11:50pm and into news before s/off anncts and anthem at 2058. Then at 2100 it fired up again with unscheduled Arabic news until 2110 when they suddenly flicked off the switch. Also heard on the normal 15540 outlet but much strong here on 6050 and pleasant listening on Apr 4. (Rob Wagner-Australia VK3BVW/ARDXC)

KYRGYZSTAN Good reception of *Radio Maranatha* (Shortwave Relay Service):

1600-1645 on 5130 Non-stop music, SINPO 43443. (DX Re Mix News, Bulgaria)

LIBERIA 4760, *ELWA* at 2315 pgm of Christian Pops, 2317 soft-voiced M anncr in English acknowledging listeners, then back to mx. Voice audio seemed a little distorted. 2323 nice canned echo ID between songs. The ID was played again by accident during the song at 2327. 2328 live M w/song anmnt, TC, said would be on until 12 o'clock, then more listener acknowledgements. 2329 back to mx. The best I've heard it since reactivating back in Dec. Wonder if it was enhanced due to the solar flare earlier. 28 Mar. (Dave Valko-PA-USA, hcdx April 6)

MADAGASCAR QSLs from *Radio Nederland* Talata: At one time I found Radio Nederland's Madagascar relay to be an excellent verifier for direct reports (although in one instance it took over 4 years). I appreciated this since my main interest is clandestine-type broadcasts which often don't QSL, and in many cases it's difficult to even find a postal or e-mail address. In 2006 & 2007 I received 5 QSLs from Talata for clandestines. The usual QSL from Rahamefy Eddy was a large folder card with a color map of Madagascar on the front and full data, including program name, language, and target area, on the inside. In one instance where 2 QSLs

were enclosed in the same envelope, they were thoughtful enough to send 2 different cards. One was the usual folder, and the other was a photo card of the station's mobile unit. Unfortunately there was no response to the several reports and follow-ups I sent after 2007. So I was really glad to receive a card for my recent report to MGLOB. (Wendel Craighead-KS/DXplorer)

MALI 5995, *R Mali*, Bamako, *0558-0612, Apr 06 and 12, tuning music, French ID: "Radio Television du Mali emetant du Bamako", African songs, 24322. (Méndez-Spain/DX Window)

MONGOLIA Only two broadcasts of *Voice of Mongolia* in Japanese were on the air

1029-1057 on 12085. All other are maybe cancelled. 1459-1527 on 12105. All other are maybe cancelled. (DX Re Mix News, Bulgaria)

MYANMAR 9730, *Myanmar Radio* Rangoon. Caught the ABC Radio English Language lesson again this week, 1107-1118. Ment of ABC Radio at 1107:30, and "Lesson 13 The Tour Guide" at 1108:10. Better than last week and more readable. 2 April. (Dave Valko-PA-USA, hcdx April 6)

NEW ZEALAND Updated A-14 schedule of *Radio New Zealand International*:

0459-0758 on 11725 AM
0459-0758 on 11690 DRM, ex 11675
0759-1058 on 9700 AM
0759-1058 on 9890 DRM
1059-1158 on 9700 AM
1059-1158 on 9890 DRM
1159-1258 on 9700 AM
1300-1550 on 6170 AM
1551-1650 on 9700 AM
1551-1650 NF 9630 DRM, ex 7330
1651-1750 NF 9700 AM, ex 9615
1651-1750 on 9630 DRM
1751-1850 NF 9700 AM, ex 9615
1751-1850 NF 11690 DRM, ex 9630
1851-2050 on 11725 AM
1851-2050 NF 11690 DRM, ex 11675
2051-2150 on 11725 AM
2051-2150 on 15720 DRM
2151-0458 on 15720 AM
2151-0458 on 17675 DRM
(DX Re Mix News, Bulgaria)

NIGERIA New frequency of *Voice of Nigeria* in English was noted on April 17:

1000-1047 NF 15120, ex 9690
(DX Re Mix News, Bulgaria)

PAKISTAN Frequency change of *Radio Pakistan*:

1330-1530 NF 15235 Urdu, ex 15730 on March 30
// frequency 17550 Urdu, under VIRI in Arabic.
(DX Re Mix News, Bulgaria)

Radio Pakistan observations:

0500-0700 15730 Urdu // 17810 2
0830-1100 15730 Urdu // 17700
1100-1105 15730 En // 17700
1200-1300 15730 Chinese // 17810
1330-1530 15235 Urdu // 17550
(Ivo Ivanov-BUL, via wwdxc BC-DX TopNews April 3)

A-14 season frequency change of *Radio Pakistan*:

15730 0045 0215 Urdu
17830 0045 0215 Urdu
15235 1330-1530 Urdu, ENG
17550 1330-1530 Urdu, ENG
(Wolfgang Büschel-Germany, wwdxc BC-DX TopNews April 21)

PAPUA NEW GUINEA 3204.96, *NBC Sandaun* reactivated, at 0950-1216 on April 10. Had been absent for about 8 months. 1200 into news in English (probably was the usual "News in Brief," but too weak to confirm); much stronger than NBC New Ireland on 3905. Great to hear this one again, as it is one of my favorite NBC stations! (Ron Howard-CA-USA, wwdxc BC-DX TopNews April 10)

3385, *NBC East New Britain* at 1048-1100 studio W DJ giving PSAs/messages. Phone numbers given and ments of Rabaul. 1050:50 ment of NBC and station. 1100 into ad (prob. nx sponsor) and into nx by W starting w/ment of NBC news at 1101. Nice NBC nx promo at 1106. Madang also in but weaker and very low modulation. Better on the Delta Loop but it did pick up more local noise though. 1 April. (Dave Valko-PA-USA, hcdx April 6)

3905, *NBC New Ireland* at 1051 long dead air. Nice choral song at 1055 recheck. Weak Ham at this time tlling about Pineapple bread. 1058 W annrc w/poss. ment of NBC, "Boys?? Band", then ment of National

News coming up, TC. 1121 nice signal w/PSAs by studio W annrc w/help wanted ad for Mobile IC Office Systems and phone 74481459, "Worker In-Service Program", and "LCB News". Best hrd in a long time. Too bad the Ham net is here. 25 March. (Dave Valko-PA-USA, hcdx April 6)

7324.951 footprint. *Wantok Radio Light*. Heard at S=7 or -82dBm signal in down under Qld-AUS at 0730 April 7, Radioplay on Bible history in English language, move and landing in Lebanon and Egypt. (Wolfgang Bueschel, wwdxc BC-DX TopNews April 7)

PERÚ 4789.87, *R. Visión*, Chiclayo, Lambayeque; at 2340-2350 on Apr 10; mx: pasillos; ID: "Radio Visión, desde Chiclayo", mx, ID "Radio Visión...", mx. 33333. (Pedro F. Arrunátegui-Perú/DXplorer)

4810.00, *R. Logos*, Chazuta, Tarapoto; at 1105-1135 on Apr 1; rlg mx, speaking in forest dialect, ID: "La mejor música la escuchas en Radio Logos", mx, ID "Estas en sintonía de Radio Logos, en los 4810 KHz, Onda Tropical, transmitiendo desde Chazuta, Perú", mx, ID: "4810 KHz, Onda Tropical, Radio Logos, la mejor señal del Perú", mx, ID: "Radio Logos, transmitiendo para ti un mensaje de piedad, amor, fe y esperanza, desde las altas montañas de la selva peruana". 33333. (Pedro F. Arrunátegui-Perú/DXplorer)

4835.00, *R. Ondas del Sur Oriente*, Quillabamba; at 1110-1140 on Apr 7, folk mx w/ huayno by Sonia Morales, ID on passing: "Radio Ondas del Sur Oriente", px: "Amanecer Quechua", bilingual (Sp & Quechua). 33333. (Pedro F. Arrunátegui-Perú/DXplorer)

4985.50, *R. Voz Cristiana*, Chilca, Huancayo; at 2310-2335 on Apr 7; ID: "Voz Cristiana, desde Huancayo, Perú..." folk mx w/ Christian rlg content, advs in Quechua and Sp. 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

5980.00, *R. Chaski*, Cusco; at 1120-1145 on Apr 14, folk mx w/huaynos in Quechua, ads, promos for Civilian Defense giving instructions in case of sinisters. ID: "Desde Cusco, Perú, transmite Radio Chaski, en los 5980 KHz, onda corta, con la palabra de Dios". 44444. (Pedro F. Arrunátegui-Perú/DXplorer)

PHILIPPINES 9794.983, Over and over again logged Chimes interval signal of *FEBC*, like announcement in between as "This is FEBC, broadcasting from

Manila, the Philippines", already at 1056 til 1100 on April 5. At 1100 when Vietnamese 11-12 UT regular service starts. S=7 at -84dBm logged side lobe at -84dBm strength in down under Sydney. (Wolfgang Bueschel, wwdxc BC-DX TopNews April 5)

A14 schedule for **Radio Pilipinas** via IBB

0200-0330 Filipino/English 12010 15640 17820
1730-1930 Filipino/English 9925 12120 15190
(HFCC/BDXC)

ROMANIA English schedule valid from 30 March 2014:

0000-0100 on 9700 11955 ECNA
0300-0400 on 7350 9645 WCNA
0300-0400 on 11825 15220 (DRM) SEAsia
0530-0600 on 7330 (DRM) 9700 Europe
0530-0600 on 17760 21500 Pacific
1100-1200 on 15130 17680 Europe
1100-1200 on 15400 17670 SEAsia
1700-1800 on 9540 (DRM) 11810 Europe
2030-2100 on 9800 (DRM) 11975 Europe
2030-2100 on 15170 17510 ECNA
2200-2300 on 7430 9765 Europe
2200-2300 on 9790 11940 Japan
(Bob Fraser-ME)

RUSSIA Succeeded by "Voice of Russia" new agency "Russia Today" does not intend to continue broadcasting on medium and short waves. Thus, all broadcasting in these bands should be discontinued from 1 April 2014. (MIDX B, #885, March 18; Vadim Alexeyev-Russia via RusDX March 23/wwdxc BC-DX TopNews) Voice of Russia on MW and SW from April 1 - it seems, is history. (Mikhail Timofeyev, St. Petersburg, Russia / "open_dx")

25900, QSL **R. Zelyonyy Glazy** (R. Magic Eyes) QSL card in 105 days. V/s: Sergey Komorov. Sent 1 IRC. Report sent to: Sergey Komorov, C/o: Moskovskiy Universitet Svyazi i Informatiki, Aviamotornaya ul. 8^a, RU-11024 Moskva, Russia. Address on QSL: Pyatnitskaya ul. 25, b.1, RU- 115326 Moskva, Russia. (Roberto Pavanello-Italy/PlayDX) The station "Zeleny Glaz" ("Magic Eye") has started sending out QSL-cards, reports which can be sent to arb@radiostation.ru or by post to: RBT Ltd, Pyatnitskaya st. 25, b.1, 115326 Moscow. Manager Sergey Komarov said: "The station is on the air on Fridays from 1200 to 1500. Frequency 25900 AM - until the end of March. Then there will be a change of frequency - we are running out temporary permit for her."

(A Klepov Rus_DX 23 Feb/BDXC) Still reported on 25900 in April - RAD

SERBIA Marking 78 years of **Radio Yugoslavia - International Radio Serbia**, the employees greeted with trepidation when it comes to the fate of the Mass Media, the world's only radio service of the Republic of Serbia, which broadcasts programs in the area around the world, in 11 languages, and Serbian, the short wave and Internet. International Radio Serbia (Radio Yugoslavia) celebrated his 78th birthday recently. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews April 9)

SOLOMON ISLANDS 9545, **SIBC**. Found back on at 0940 w/same W annr and mx. W annr chatting w/M at 0950. Took a phone call a few minutes later. 1000 usual ToH wind instru signature melody and ID by same W, then nx by same W including sound bites. 1048 t/k by M on phone about heavy rains in PNG w/ments of Western Province, Rabaul and tropical cyclone. W DJ thanked him for coming on the SIBC "this evening". Fair signal. Not nearly as noisy as the lower freqs. 3 April. (Dave Valko-PA-USA, hcdx April 6)

SOUTH AFRICA 5820, **RTE Ireland** still has its English shortwave broadcast in the A-14 season, though it doesn't seem to be listed in the HFCC schedules. Broadcast is on 5820 (weekdays only) from 1930-2000, presumably via Meyerton. As it's a relay of WRN Africa you also get a WRN ID and maybe a snippet of the preceding WRN programme (Radio Slovakia Int). Fair clear reception here in Caversham this evening (SIO 354). (Alan Pennington-UK, BDXC-UK ng Apr 10)

SRI LANKA 9719.916, **SLBC** Colombo via Trincomalee site, scheduled 1115-1215, at 345 degrees to Southern Asia, CeAS and ME, reduced 125kW of power, side lobe signal heard in Alb-CAN remote site, S=5 or -96dBm at 1125 April 9. Either Tamil or Hindi, different entries in EIBI or Aoki Nagoya lists. But daily broadcasts entry in detail see WRTH, Hindi 1115-1130, 1145-1200; Malayalam 1130-1145; Tamil 1200-1215. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews April 9)

SUDAN **Radio Omdurman Sudan** and **Voice of Africa, Sudan Radio** have been inactive for past few weeks. Various checks between March 28 and April 2 confirm this. Here's a tentative summer A-14 schedule:

Radio Omdurman Sudan

0215-0430 on 7205 Arabic
1430-1530 on 7205 Arabic
1930-2100 on 7205 Arabic
(DX Re Mix News, Bulgaria)

Voice of Africa, Sudan Radio

0600-0630 on 9505 Tigrinya
0630-0700 on 9505 Amharic
0700-0800 on 9505 Swahili
0800-0900 on 9505 English
1630-1730 on 9505 French
1730-1830 on 9505 English
1830-1930 on 9505 Hausa
(DX Re Mix News, Bulgaria)

7205, **Omdurman Sudan Radio** - Al Aitahab. Songs at 1740, then ID and a string of anncts in Arabic at 1744. This time of operation seems different to previous schedules, but very strong here with a slightly muffled audio. S/off at 1759 then CRI's Russian service fired up from 1800, Apr 7. (Rob Wagner VK3BVW-Australia/Mt. Evelyn DX Report)

SURINAM 4989.989, **Radio Apintie**, Paramaribo, heard tiny just above threshold level at 0158 April 5. All heard tonight on NY-US remote SDR unit. (Wolfgang Büschel-Germany, wwdxc BC-DX TopNews April 5)

TAIWAN RTI English Service from March 30-October 26, 2014:

0300-0400 on 15320
1100-1200 on 7445
1600-1700 on 6180
1600-1700 on 15485
1700-1800 on 15690
1800-1900 on 6155
(RTI Direct)

THAILAND A14 schedule of **Radio Thailand** (all via IBB Udon Thani relay station in Thailand)

0000-0030 Am English 15590
0030-0100 Am English 15590
0100-0200 Am Thai 15590
0200-0230 Am English 15590
0230-0330 Am Thai 15590
0530-0600 Eu English 17640
1000-1100 ME Thai 17770

1100-1200 As SEAs langs 5875
1200-1215 As Malay 9390
1230-1300 AsAu English 9390
1300-1315 As Japanese 9390
1315-1330 As Chinese 9390
1330-1400 As Thai 9390
1400-1430 AsAu English 9390
1800-1900 Eu Thai 9390
1900-2000 Eu English 9390
2000-2015 Eu German 9390
2030-2045 Eu English 9390
2045-2115 Eu Thai 9390
(HFCC/BDXC)

TURKEY **Voice of Turkey's** English language schedule taken off the air on April 2, 2014 for the summer of 2014:

1230-1330 on 15450
1630-1730 on 15540
1830-1930 on 9875
2030-2130 on 7205
2200-2230 on 9830
0300-0400 on 6165 and 9515
(Bob Fraser-ME)

UGANDA 4975.97, 1855-2010, Apr 5, **UBC R**, Kampala. English and vernacular talks on shift, Afropop and choir songs, 1900-1915 English news mentioning Uganda, 1934 three times ID: "UBC Radio", adv. 45233. (Anker Petersen-Denmark/PlayDX)

USA This week's **VOA Radiogram** included Voice of America's English summer broadcast schedule effective March 30-October 25 2014:

To Africa

0300-0400 on 4930 6080 15580
0400-0430 on 4930 4960 6080 15580
0430-0500 on 4930 4960 6080 15580
0500-0600 on 4930 6080 15580
0600-0700 on 6080 15580
1400-1500 on 4930 6080 15580
1500-1600 on 4930 6080 15580 17895
1600-1700 on 4930 6080 15580
1700-1800 on 6080 11845 15580 17895
1800-1830 on 6080 15580 17895 + Sat-Sun: 909 4930
1830-1900 on 4930 6080 15580 + Sat-Sun: 909
1900-2000 on 4930 6080 15580
2000-2100 on 4930 6080 15580
2030-2100 on 4940 Sat-Sun
2100-2200 on 6080 15580

To East and South Asia

2200-2300 on 5895 5915 7480 7575 12150 Sun-Thurs
2300-2400 on 5895 7480 7575 12150
0100-0200 on 7430 9780 15205
1200-1300 on 7575 9510 12075 12150
1300-1400 on 7575 9510 12075 12150 Sat-Sun
1400-1500 on 7575 12150 15490 Mon-Fri
1500-1600 on 7575 12150 15490
(Ron Hunsicker-PA)

I sent off a brief report (with audio clip) to the www@nist.gov address yesterday and received this reply in less than 24 hours. "Thanks for your email, and your reception report of the WWV experimental broadcast at 25 MHz. WWV first began broadcasting on 25 MHz in 1946, but the broadcast was suspended in 1977. Due to listener interest and changes in broadcasting technology, NIST is pleased to be able to provide this service on a limited basis once again. At present, the broadcast is carried on a base-fed broadband monopole antenna. All normal WWV frequencies operate on a center-fed half-wave dipole antenna, with a dedicated backup transmitter that will come online automatically should the main transmitter fail. The 25 MHz broadcast does not have this capability at this time. Please note that the experimental 25 MHz broadcast may be interrupted without notice at any time. For the latest status in the 25 MHz broadcast, refer to the NIST Radio Station WWV web site. <http://www.nist.gov/pml/div688/grp40/www.cfm>. Due to the number of QSL requests to this experimental broadcast, it may take more time to respond to your QSL request. Thank you for your continued interest and support. Staff of Radio WWV." (John Herkimer-NY/DXplorer & Mauro Giroletti-Italy/PlayDX)

VANUATU *Radio Vanuatu* has reactivated both 7260 and 3945 with 1 kW, between 1830-1230. (Mauno Ritola WRTH Facebook/BDXC)

3945, **R. Vanuatu**, Port Vila. Kenny G. song at 1843, then the national anthem at 1845. Full ID in English and freq annct for MW, SW and FM. Good signal but listening was difficult due to high thunderstorm noise on the band. Gone by 1945 (6.45am Port Vila time). Runs // to 7260 but not as good there, 21/3. Also at 1120 with island music and an excellent signal in Bislama on Mar 22. (Wagner-Australia/ARDXC)

7260, **R. Vanuatu**, Port Vila. Noted at 1845 with the anthem and s/on anncts, then religious message

in Bislama and English. Then good signal but difficult listening due to heavy QRM CRI 7255, 21/3. (Wagner-Australia/ARDXC) 7259.96, Radio Vanuatu. At 1000 conch shell blowing that was identical to that on the recording (end) on Interval Signals Online. Into pres. nx by M annr. Although there were other signals on 7260, there was no QRM. Been hearing this lately and glad to ID. I noticed the signal starts fading in just after 0500 here. 1 Apr. (Dave Valko-PA-USA, hcdx April 6)

YEMEN Surprisingly strong and stable signal of *Radio Sanna* on April 9:

1800-1901 on 6135 English, 55554 in Sofia. (DX Re Mix News, Bulgaria)

SAVE THE DATE: INTERNATIONAL SW DISASTER TEST: Members of the shortwave listening community can pencil in their logbooks an extremely exciting upcoming date. On **June 4-5, 2014**, listeners can attempt to log an international test being organized by the High Frequency Coordination Commission of the *International Radio for Disaster Relief* project. During these dates, the IRDR will be tested on the shortwave bands at the *Media Summit on Climate Change, Information and Communication Technologies, and Disaster Risk Reduction* in Jakarta, Indonesia. The IRDR will simulate a major disaster occurring in Southeast Asia, and multiple international broadcasters will be cooperating to support coordinated humanitarian coverage for the impacted region. Mr. Oldrich Cip of the HFCC graciously confirmed to ReliefAnalysis.com that the roster of broadcaster participants is being organized, and there could well be QSL opportunities for this historic occasion via those outlets. I'm going to be closely following this event as it gets closer. I'm very excited about what this test could mean for the evolution of humanitarian applications in the world of shortwave broadcasting. If you'd like to receive additional updates, feel free to sign up for the Relief Analysis Radio newsletter in the box on the right—I'd be delighted to connect with you. (Mehmet Burk, ReliefAnalysis.com via Paul Ormandy in the NZRDXL "DX Dialog" newsgroup via Jerry Berg-MA/DXplorer)

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

Pirate Radio Report

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

We start out this month by thanking our pioneer pirate radio editor Mike Rohde, who did an excellent job in his coverage of unlicensed shortwave radio broadcasting for many years in *The Journal*. Mike has decided to retire from these pages, but I'm sure that we will be hearing from him again with his observations on the pirate radio shortwave broadcasting scene. Thanks for a great job, Mike.

Second, as you see here, we have dipped into the stable of pirate radio veteran journalists to try and fill Mike's shoes. Many of you know George Zeller already, but for those who don't, a short introduction is in order. George heard his first pirate, *Der Glockenspiel*, 41 years ago in 1983. He had a stint as a NASWA member back in the late 1960s, but then was inactive for many years while in college and graduate school. He returned to NASWA about 20 years ago, and he has been very active on the shortwave DX scene since then. For more than a decade, George wrote a *Clandestine Profile* column in the excellent old bulletin of the Association of Clandestine Radio Enthusiasts. Subsequently he wrote the *Outer Limits* column on unlicensed broadcasting in the old *Monitoring Times* magazine for many years. He was pleased to once again host the traditional pirate radio forum at this year's 2014 NASWA Shortwave Listener's Festival in Plymouth Meeting, PA. He has one of the very few, and perhaps the only QSL ever issued by the FCC for a pirate broadcast. That one was for the FCC bust announcement when they closed down WHBH.

Your pirate DX news and logs for this column will always be welcome. Feel free to send them in so that others can follow trends on how and where others are hearing the unscheduled and ever-changing pirate radio operations on shortwave. Of course, with a diminished volume of licensed shortwave broadcasting on shortwave, it's interesting to note that your new editor will be writing about the biggest growth area in shortwave

broadcasting today.

At the 2014 Fest in Plymouth Meeting, the new class of inductees in the North American Pirate Radio Hall of Fame was announced. Our congratulations go to the new members of the Hall of Fame. They include **Pat Murphy, Tangerine Radio, Jolly Roger Radio, Sycko Radio, The Crooked Man, and the Voice of the Purple Pumpkin**. You may want to check out the full description of the new (and old) Hall of Fame inductees on the North American Pirate Radio Hall of fame web site.

Pirate radio broadcasting on shortwave continues at a very brisk pace, as we see from our logs; mode is USB unless noted:

Baltic Sea R.—6925.3 AM 1501-1542 SIO:232. 3/30/14. Euro w/OM prgm of classic rock mx and sea gull sounds. (Lobdell-MA)

Bangalore Poacher—6925.3 AM 0054-0126 SIO:343. 3/31/14. Euro w/rock mx and numbers station parody. (Lobdell-MA)

Blue Ocean R.—6925.3 AM 2004-2033 SIO:343. 4/20/14. Euro relay of Moscow-based Artem's "Music of the World" prgm, mainly with rock mx. (Lobdell-MA) (Taylor-WI)

Borderhunter R.—21460 AM 1851-2151 SIO=454/232. 3/30/14. Franz and second OM w/prgm of rock mx. Best signal ever from them. (Lobdell-MA)

Captain Morgan—6925.3 AM 0104-0146* SIO:333. 4/20/14 Prgm of Blues Music, with only talk being an ID by OM at 0140. (Zeller-OH)

Captain Morgan—6925 0130-0149*. 3/23/14 Prgm of Blues mx. (Taylor-WI)

Channel Z R.—6150.5 0048-0111 4/2/14 SIO=344. Reply of multiple old Andy Walker rock mx prgms, Blue Ridge Summit addr. (Lobdell-MA) (D'Angelo-PA)

- Channel Z R.**—6150.5 0018-0115 4/9/14 SIO=344. Reply of multiple old Andy Walker rock mx prgms. (D'Angelo-PA) (Lobdell-MA)
- Channel Z R.**—6150.5p 0058 4/9/14 SIO=344. Mx and anmts, too weak for ID; presumed per Lobdell log. (Hauser-OK)
- Channel Z R.**—6150 AM 0017-0146* SIO=444. 4/18/14 SIO=344. Andy Walker's Euro with part 3 of "Before They Were Famous" reruns of rock mx prgms. (Lobdell-MA)
- Cool AM**—6925.1 0053 4/4/14 SIO=344. Poor w/mx and tlk. Clear OM ID at 0154. (Taylor-WI)
- Eclipse R.**—6925.1 0540 4/15/14 SIO=344. Poor w/Yiddish mx and references to eclipse and Chris Smolinski. (Hauser-OK)
- Horizon FM**—6150.5 2335-0830 3/28-29/14 SIO=344. Prgm of pop mx w/EE nx at TOH. QTH: Ireland or Canary Is.? (Lobdell-MA)
- Horizon FM**—6150.5p 0138 3/29/14. Very poor w/carrier and bits of mx only. (Hauser-OK)
- Lincolnshire Poacher Parody**—6925 2355 3/29/14. YL w/spy numbers and Lincolnshire Poacher numbers station IS. (Taylor-WI)
- MAC Shortwave**—6924.6 2321-2358* 4/20/14. Fair to good w/Jimmy Steward hosting Easter prgm of big band mx. (D'Angelo-PA)
- Man Cave R.**—6924.9 0227 3/29/14. Weak w/prgm of rock mx. (Taylor-WI)
- Pseudo R**—6925 *2347-0016* 3/26/14 SIO=343. Prgm of punk rock mx. Blue Ridge Summit addr. (Lobdell-MA) (D'Angelo-PA)
- Pseudo R**—6935p 0135 3/26/14. Poor w/prgm of tlk and mx. (Taylor-WI)
- R. Akai Holland**—6935 *2203-2213* 4/12/14 SIO=232. Euro w/Johnny Cash mx sung in GG. (Lobdell-MA)
- R. Appalachia**—6935 *0055-0112* 3/30/14. Poor w/prgm of country mx. (D'Angelo-PA)
- R. Blackbeard**—6935 *2215-2225+ 4/2/14 SIO=121. Weak Euro w/pop mx. (Lobdell-MA)
- R. Borderhunter**—6935 1702-1755+ 3/23/14 SIO=444. Dutch pirate w/prgm of rock and reggae mx. (Lobdell-MA)
- R. Countdown**—6935 2257-2316* 4/12/14 SIO=343. Dutch Euro w/prgm of rock mx and EE/Dutch anmts. (Lobdell-MA)
- R. Focus International**—6935 2234-2335+ 3/27/14 SIO=343. Euro w/prgm of classic rock mx and OM ancr. (Lobdell-MA)
- R. Focus International**—6286 AM 2323-2335+ 3/27/14 SIO=343. Euro w/prgm of classic rock mx and OM ancr. (Lobdell-MA)
- R. Free Whatever**—6935 0111-0129* 4/2/14 SIO=343. Dick Weed and Stephen w/prgm of rock mx. (Lobdell-MA) (Hauser-OK) (Taylor-WI)
- R. Free Whatever**—6935 *0048-0201* 4/5/14 SIO=343. Dick Weed and Stephen w/prgm of heavy metal rock. (Lobdell-MA)
- R. Free Whatever**—6949 2314-0201* 4/17-18/14 SIO=343. Dick Weed and Stephen w/prgm of big band mx. (Lobdell-MA)
- R. Free Whatever**—6930 0110 4/19/14. Dick Weed and Stephen w/prgm of big band mx. (Taylor-WI)
- R. Metallica Worldwide**—6867.4 0117 3/23/14. Replay of an old prgm of heavy metal rock mx. (Taylor-WI)
- R. Mustang**—6268 AM 2316-2358+ 3/22/14. Dutch Euro w/rock mx and anmts in EE and Dutch. (Lobdell-MA)
- R. Powerliner International**—6285 AM 2254-2307+ 3/22/14 SIO=333. Dutch Euro w/rock mx and anmts in EE and Dutch. (Lobdell-MA)
- R. Powerliner International**—6305 AM 2328-2345+ 3/27/14 SIO=333. OM Mark on Euro w/prgm of classic rock mx and anmts in EE and Dutch. (Lobdell-MA)

- R. Powerliner International**—6285 AM 2254-2307+ 3/22/14 SIO=333. OM Mark on Euro w/prgm of classic rock mx and anmts in EE and Dutch. (Lobdell-MA)
- R. Tidalwave**—6935 2152-0210* 4/2/14 SIO=333. Euro w/prgm of rock mx. OM IDs in EE and Dutch. (Lobdell-MA)
- R. True North**—6950 *0048-0201* 4/12/14 SIO=343. Prgm of rock and pop mx, QSY to 6955 at 0300 w/better signal. (Taylor-WI)
- Renegade R.**—6925 0221-0240 3/17/14 SIO=333. Prgm of classic rock and blues mx. (Lobdell-MA) (Taylor-WI) (Hauser-OK)
- The Crystal Ship**—6851 0014-0114 4/9/14. Prgm of classic rock and leftist political discussion. (D'Angelo-PA) (Hauser-OK)
- The Crystal Ship**—6876 0020-0135 4/2/14. John Poet w/prgm of classic rock, poor to fair. (D'Angelo-PA) (Taylor-WI)
- The Crystal Ship**—6851 ISB 0037 4/11/14. Prgm of classic rock. (Hauser-OK)
- The Crystal Ship**—6876 AM 0206-0228* 4/14/14 SIO=343. Prgm of classic rock mx. (Lobdell-MA)
- TRX Holland**—6305 AM 2331-2333* 4/12/14 SIO=232. Just caught the end of this Euro rock mx prgm. (Lobdell-MA)
- V. of Kaos**—6930 AM 2332-2345+ 3/22/14 SIO=343. Prgm of rock mx w/discussion of chaos in Venezuela and Malaysia. (Lobdell-MA)
- V. of the Netherlands**—6250/6246/6253v 0004-0104* 3/23/14 SIO=343. Prgm of rock mx and OM IDs in EE and Dutch on variable frequencies. (Lobdell-MA)
- Wolverine R.**—6940 0101-0107+ 4/11/14. Prgm of blues and honky tonk mx. (Hauser-OK)
- Wolverine R.**—6945 0146 4/20/14. Prgm of songs abt getting high. SSTV digital photo at close. (Taylor-WI)
- Wolverine R.**—6950 0110 3/30/14. Prgm of big band mx. SSTV digital photo at close. (Taylor-WI)
- WHYP**—6945 0256-0306* 3/24/14 SIO=343. James Brownyard memorial stn w/prgm of rock mx and George Zeller (!) audio clip. (Lobdell-MA) (D'Angelo-PA)
- YHWH**—17490 AM 1811-1829* 4/18/14. Fair with odd mx and discussion of Yahweh. (Hauser-OK)
- YHWH**—21450 1842 3/29/14. Sermon incl debunking Bible verses and discussions of Yahweh. (Hauser-OK) 

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.

QSL Report

Sam Barto • 78 Blakeman Road • Thomaston, CT 06787

90. Aniversario. QSL

"Y conocerás la Verdad, y la Verdad os hará libres." Juan 8:32



Radio Verdad

ESTACIÓN EVANGÉLICA EDUCATIVA "RADIO VERDAD"
Apartado Postal # 5, Chiquimula, Guatemala, C.A.
E-mail: radioverdad@yahoo.com
http://www.radioverdad.org

7.050 MHz
75 m. SW1

BANGLADESH: Bangladesh Betar

15505 The station verified my email rpt. w/ a f/d "Kantajee's Temple" cd. w/ a short personal ltr. in 31 ds from Abu Tabib Md. Zia Hasan, Senior Engineer, Research and Receiving Centre. The envelop was covered w/ the usual pile of stamps. (D'Angelo-PA)

WPON

FRANCE: "Gruss an Bord" of NDR 9435 via Issoudun The station verified my email rpt. w/ a f/d "Site Logo" postcard in 30 ds. (D'Angelo-PA).

* Radio Oomrang 15215 via Issoudun The station verified my email rpt. w/ a f/d PDF attachment in 3 ds. indicating the transmitter site as Issoudun, not Nauen, from Michael Puetz, Sales Consultant, Business Unit radio at Media Broadcast who mentioned that my rpt. would be forwarded to the client. (D'Angelo-PA).

GERMANY (East): "Gruss an Bord" of NDR via Nauen on 6040 f/d site "Logo" postcard in 20 ds. (D'Angelo-PA). same in 56 ds. for \$2.00 (Wilkins-MO).

STATION NOTES: Bogusman Radio 6220 Email: differ
entradio@yahoo.co.uk Radio Rainbow 6220 Email:
radiorainbow@hotmail.com Baken 16 6255 Email:
bakem16@rock.com Radio Nordzee International 6285 Addr: P.F. 191,
D-63956 Biebergemund, Netherlands Summermeeting Radio 6300 Email:



meeting2011@
live.com Radio
Marconi 6310
Email: radio.
marconi@msn.
com Radio 9 de
Julho 9820
Email: radio@
radio9dejulho.
com Addr: Rua
Mandel de Ar-
zao 85, CEP-
02730-030 Sao
Paulo, Brasil
via PLAY DX.

INDIA: All India
Radio 9445 via
Bengaluru p/d
"Candles float-
ing on Water"
cd. in 93 ds.



Music To The Power of X

This is to confirm reception of X-FM on 6-3-11
at 0419 UTC on 6930 KHz USB by Rich D'Angelo.
QSL #032 Thanks For Listening!

ZIMBABWE
BROADCASTING CORPORATION

QSL

TO
NAME
MAMMADO KAUJWA
ADDRESS
5 INC. BEING STREET
30 MO-BASSIN
MADRID, SPAIN

YOUR QSL CONFIRMED
DATE 12/6/96
FREQ 3.306 MHz
SERVICE RADIO 2
SIGNED [Signature]
E. HARVEY, MD, MD, MD

v/s unreadable. (Tilley-WA)
INDONESIA: Voice of Indonesia
9525 f/d cs. w/ station
sticker and schedule in 4.5
mos. for a postal rpt. (Lob-
dell-MA).
MYANMAR: Myanmar Radio 5985
f/d "Globe / Flag" cd. w/
ltr. in 6 yrs (!) v/s Zey-
ar, Director of Broadcast-
ing. My 226th country ver-
ified. (Lare-MI). Very good
country totals Steve..Sam.

CHURCH LISTINGS: The following
is a listing of churches in
Ireland which transmit on
Saturday and Sunday for var-

ious events: Immaculate Conception of the Blessed Virgin Mary in New-
castle (27605); Saint Mary's Church in Bally-Heigue (27605); Church of
the Most Holy Rosary in midleton (27651); Saint Patrick's Church in
Fermoy (27725); Saint John's the Baptist Church in Croagh (27735);
Diocese of Dromore (27941); Saint John's the Baptist Church in Kinsale
(27791); Saint Muchin's Church in Rockhill (27765); other unidentified
churches are operating on 27601 and 27811. All of these have been re-
ceived in parts of Europe. Maybe they will make it to North America.

PHILIPPINES: Radio Veritas Asia 15355 via **Palaug** p/d cd. in 58 ds. v/s
Ms. Arlene Arungayan-Donarber. Also rcvd. a pocket calendar and sta-
tion stickers. (Tilley-WA).

TAJIKISTAN: Voice of Russia 12075 The station verified my email rpt. w/
a f/d "Saint Basil's Cathedral" cd. in 22 ds. They included a 2014
pocket calendar, holiday cd. and a brief note. Unfortunately, the QSL
cd. did not mention the
transmitter site which
the old Radio Moscow and
Voice of Russia use to
do regularly. (D'Angelo-
PA).

UNITED ARAB EMIRATES: Radio

STATION NOTES: Shortwave

Radio Odynn 6284 Email:
shortwavemdr@gmail.com
Radio Scotland Internat-
ional 6287 Email: radio
scotland@hotmail.com
Radio Merlin Internatio-
nal 6305 Email: radiome
rlin@blueyonder.co.uk
City Car Radio 7290 via
the **Italian Radio Relay**
Service Email: citymore
cars@yahoo.com...via
PLAY DX...Sam.

Australia 9855 via **Al**
Dhabbaya The station
"kind of" verified my
email rpt. w/ an email
reply in 2 ds. indicat-
ing they are not sending
out QSL cds. at this
time but they can con-
firm the time and fre-
quency as mentioned in
my report from the Radio
Australia Transmission
Group. (D'Angelo-PA).



ONDA CORTA 5,020 KHZ
FRECUENCIA MODULADA 99.9

OBISPADO CHACAPUYAS

Jr. Amazonas 1177 Apartado 6
Telefax 757793

Chacapuyas, 10 de Marzo del 2000

Señor:
Richard A D'Angelo
2216 Burke Drive
Wjessing, Or 9610
EE UU de N

Estimado oyente:

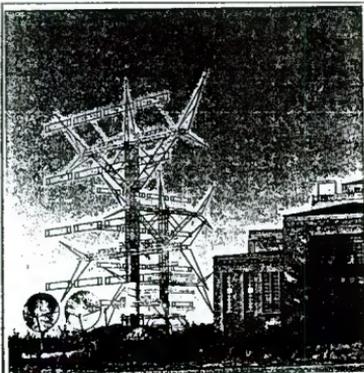
Ha sido un placer para nosotros el haber recibido su carta
donde nos indica haber escuchado las transmisiones de RADIO HO-
RIZONTE, desde su país.

Por la presente le comunicamos que los detalles de su in-
forme de recepción han sido revisados y se ha comprobado que
son correctos, por lo cual verificamos que Ud. recibió las emi-
siones de RADIO HORIZONTE, el día 8 de Noviembre a las 00:00:00 horas
UTC, en la frecuencia de 5020 KHz, en la banda tropical de
60 m.

RADIO HORIZONTE, es una emisora de educación y promoción -
popular, dependiente del Obispado de Chacapuyas, con estudios
y transmisores en dicha ciudad, capital del Departamento de A-
mazonas. Nuestra programación, con la perspectiva de una evan-
gelización integral, es variada, siendo los programas educati-
vos, musicales y recreativos los más difundidos.

Nuestras primeras emisiones en Onda Corta, fueron en el
verano de 1989, y hoy día transmitimos con un emisor Elcom-
Bauer de 1-5 Kw, además de un pequeño emisor en la banda de FM,
para cubrir el valle donde está ubicada nuestra ciudad.

Agradeciéndole su sintonía y esperando que la presente le
sea de utilidad, les saludamos atentamente:

**DW**

DEUTSCHE WELLE

Neueröffnung
der Kurzwellen-
Rundfunksendestelle
Nauen 1997T Deutsche
Telekom

USA: PCJ Radio International
11880 via Okeechobee, Florida f/d "Fireworks" sheet for their New Years Program in 82 ds. for ms. v/s Victor Goonitelleke, Frequency Manager. Station photos were also rcvd. (Wilkins-MO). same in 48 ds. w/ a f/d cd. "Greetings from Okeechobee, Florida" v/s Jeff White. (D'Angelo-PA). f/d ltr. w/ 2 photos in 2.5 mos. for a postal report from Keith Perron in the Taiwan Studios. (Lobdell-MA).

USA (Pirates): Black Cat Radio
6925 The station verified my email rpt. w/ a f/d "Supercharged Pirate Radio" email cd. for Episode #4 in 1 day from Bob. They also included a "Rockin' Extra" of a female guitar player with station name on it. Bob notes, Black Cat Radio is a Supercharged rock and roll pirate radio station. If it rocks I play it. I've been into music my whole life. When I was in school I played

email rpt. w/ a f/d "Supercharged Pirate Radio" email cd. for Episode #4 in 1 day from Bob. They also included a "Rockin' Extra" of a female guitar player with station name on it. Bob notes, Black Cat Radio is a Supercharged rock and roll pirate radio station. If it rocks I play it. I've been into music my whole life. When I was in school I played

MT. MCKINLEY
Alaska

A hot but still in the Savage River estp with a view of Mt McKinley (20,320 ft) in Denali National Park and Preserve.

Photo © Ken Graham/Ken Graham Agency



ACE 1410

106207

Printed
in
U.S.A.Station KNLS - Verification of Reception
Winter 2002 to Spring 2003 Broadcast SeasonCard # 7 of 200

For the broadcast: QSL is issued to:

Frequency	9615kHz	Scott R. Barbour, Jr.
UTC Time	1300	PO Box 893
UTC Date	01/17/2003	Intervale NH

STATION NOTES: Radio Sonic

6375 Email: jaccoenmirj
arn@hotmail.com **Radio**
Spaceman 3900 Email: 39
27AM@rock.com **Radio Space-**
shuttle International
6310 Email: spaceshuttle
radio@yahoo.com **Radio**
Star International 6400
Email: rsi@live.co.uk
Addr: RSI, Postbus 2702
NL-6049 ZG Herten, Neth-
erland **Radio Studio 52**
3919 Email: studio52@pl

anet.nl **Radio Tarzan 4085** Email: radiotarzan@hotmail.com **Radio Tropiq 6965** Email: radiotropiq@gmail.com **Radio Underground 3900** Email: radioundergroundsw@gmail.com **Radio Universe 6425** Email: radiouniverse@hotmail.com **Radio Vrolijk Mijnerker 1665** Email: vrolijkemijnerker@hotmail.com...via PLAY DX...sam.

and toured w/ a punk rock band from Texas to California...(Guitar). Personally I enjoy everything from classic to punk rock. (D'Angelo-PA). **Hard Tack Radio 6930** The station verified my email report w/ a f/d PDF attachment of General Burnside, U.S. Army in 4 hours. (D'Angelo).

Voice of Hoa-Mai Foundation

To: Richard & Susan D'Angelo

We are pleased to confirm your reception report of our programs. It has been checked and found to be correct.

Date: June 12, 2005 on 11555 kHz. at: 1300 UTC

We appreciate your interest and hope you will continue to enjoy our programs and tell other about us, including Vietnamese in your areas. For more information about our efforts to the cause of restoring democracy and human-rights in Vietnam, please frequently visit our websites.

Again we thank you for your kind concern and support.

Sincerely Yours,
Radio Hoa Mai

PO Box 4175 • Garden Grove, CA 92842 • U.S.A.

Đài Phát Âm
HOA-MAIwww.hvrb.org
www.hcama.org

We Got an Answer: I asked a question a few months ago about some v/s's from out of the past. I offered a Radio Pyongyang pennant as a prize Jerry Berg got it correct. They were all from Radio Tashkent. Till next month..Sam.

Contributors' Page

Steven Handler • 113 McHenry Rd #178 • Buffalo Grove, IL 60089 • stevenhandler-naswa@yahoo.com

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Scott R. BARBOUR Jr., Intervale, NH
Bob BROSELL, WI
Wendel CRAIGHEAD, KS
Rich D'ANGELO, Wyomissing, PA
John DAVIS, Columbus, OH
Robert FRASER, Belfast, ME
Steven HANDLER, Buffalo Grove, IL
Glenn HAUSER, Enid, OK
Ron HUNSICKER, Wyomissing, PA
Mike NIKOLICH, Lake Barrington, IL
Pamela PRODAN, Wilton, ME
Dave TURNICK, Sinking Spring, PA
Robert WILKNER, Cedar Key, FL

NRD545, MLB-1, 200' Beverages, 60m dipole
NRD-545, Eton E1, Sony ICF SW 77
no equipment listed
RX340, Alpha Delta DX Sloper
R-390 & 391As, Mackay 5050A, WJ HF-1000A
Eton Mini 300, whip antenna
Icom R-75, Tecsun PL-660, 33' indoor wire dipole
FRG-7, DX-398/ATS-909, YB400, ICF SW-07
no equipment listed
NRD-515, Perseus, TS450AT, ALA1530AL-2, AD Sloper
YachtBoy 400PE
RX340, WinRadio, Alpha Delta DX sloper
NRD-545, 535D, R8. IC746Pro, E1, Sat 800, Flex EWE

Normally I include a brief DX message at the end of this column. However this month I would like to remind our members that May 26th is Memorial Day. I hope all of us take the time to honor the men and women of the United States Armed Forces who have died for their country. 73 and Good DX to all- Steve Handler

2000-5900 kHz

Tropical Band Loggings

Scott Barbour • P. O. Box 893 • Intervale, NH 03845 • srbjrswl@yahoo.com

- 2485 **AUSTRALIA VL8K** Katherine 1133 "...and..the public has been ..questioned in the..before..."; into mx bridge 1135 then back to W anc; 3/26. (Wilkner-FL) 1219 Barely making it w/ some mx modulation, while 2325-VL8T is but a carrier; & of course the usual but weak 4835-VL8A, which is now clear of WWCR ACI after 1200; 3/27. (Hauser-OK)
- 2850 **NORTH KOREA KCBS** Pyongyang 1100-1110 (T); Noted here w/ threshold sig; 4/3. (Wilkner-FL)
- 3215 **USA WWRB** Manchester 0216 WWRB is on, but w/ primitive organ music fill; 3/18. (Hauser-OK)
- 3230 **UNIDENTIFIED** 1237 V. poor sig w/ AM carrier; only one on 90m besides 3325 Indonesia & 3185 WWRB; but NO b/casters are listed anywhere, anywhere on 3230; ute?; 3/20. (Hauser-OK)
- 3309.96 **BOLIVIA R. Mosoj Chaski** Cochabamba 0027-0040 M announcer in (P) Quecha; bit of wind instruments w/ talk over; vcl mx; more talk; p-f at bet; noisy in ECCS-USB; 4/9. (Barbour-NH) 3310 0102-0130 (P); Mx on v. poor sig; nominally closing at 0100 per WRTH, 0200 per Aoki; mx at ToH would not be from my lcl KGWA/KCRC mix, no longer a problem; promising S American conditions w/ lots of carriers on 60m; carrier still running at 0130; 4/1 & 8. (Hauser-OK)
- 3325 **INDONESIA-SULAWESI RRI Palangkaraya** 1236 Fair sig, but open carrier, no modulation audible, nor in further chex before 1300; (P) RRI Palangkaraya; CHU 3330 already faded out by 1236; 3/20. (Hauser-OK)
- 3365 **BRAZIL R. Cultura** Araraquara 0005-0020 Up-beat Brazpops; fair & improving in ECCS-USB; 4/9. (Barbour-NH)
- 4055 **GUATEMALA R. Verdad** Chiquimula 1123 Still playing its cute banjo-theme around this time, variations on "I've Been Workin' on the Railroad"; along w/ SFX, bells, other instruments, 1125 seguE to a hymn; (P) in Dr. Madrid's signature show "El Tren del Evangelio"; 3/20. (Hauser-OK) 0556 Multilingual IDs & contact info; pre-s/off, going from Swedish to Japanese; 3/26. (Hauser-OK) 1030 Hymns; EE ID at 1032; fair; 4/8. (Brossell-WI)

- 1699.9 **BOLIVIA R. San Miguel** Riberalta 0012-0030 F-g w/ deep fades; 4/4. (Wilkner-FL) 0930 Since return has produced weak sigs; 4/11. (Wilkner-FL)
- 1716.41 **BOLIVIA R. Yura** Yura 0032-0037 SS; M ancw w/ talk; bit of mx?; sounded like taking listener phone calls from 0034; v. weak in ECCS-USB; not a lot to work with; 3/31. (Barbour-NH) 4716.47 0043-0053 M ancw w/ brief, SS talks between mx native mx selections; poor & beginning to f/out; 4/9. (Barbour-NH) 4716.65 1020-1030 Noted w/ usual marginal sig this time & 2300-0000...noted daily; 3/27. (Wilkner-FL) 0000-0025 Noted w fair sig; always stronger than R. San Miguel; 4/5. (Wilkner-FL)
- 4747 **PERU R. Huanta 2000** Huanta 1030 Weak sig in SS; also noted 2330; there same time each band scan; 3/27. (Wilkner-FL)
- 4749.95 **INDONESIA RRI Makassar** 1030-1045 (T); // 4869.9 RRI Wamena; 3/27. (Wilkner-FL) 4750 1247 Mx & some talks sound Indonesian, but not positive; however it is on the low side; also try to match it to 9680, but far too much China radio war QRM & not sure if it would be // Jakarta anyway; 3/17. (Hauser-OK) 1255 (P) RRI Makassar; surprisingly good which means p-f; Tried to //9680-Jakarta, but too much China radio war atop it; might be // but not synched; 3/24. (Hauser-OK)
- 4755 **MICRONESIA V6MP The Cross** Pohnpei 1125-1157* M w/ ancments at 1138, mention of FM freq; into series of hymns in both ballad & pop format; abruptly off at 1157; p-f; 4/3. (Nikolich-IL)
- 4760 **LIBERIA ELWA Radio** Monrovia 2333-2341 EE; Continuous relg ballads; fair; 3/24. (Barbour-NH)
- 4765 **CUBA R. Progreso** 0040 W ancw; //630 AM & possibly 720; 4/5. (Wilkner-FL)
- 4775 **SWAZILAND TWR** Manzini 0417 GG talks; fair; 3/20. (Brossell-WI) 0357-0402 IS; EE ID at 0359 "This is Trans World Radio, Swaziland"; briefly off then back at 0400 w/ IS, EE ID into W ancw w/ German svc; p-f; 3/30. (Barbour-NH)
- 4780 **DJIBOUTI RTD** Atta 0310 AA recitations; good sig to 0315; high noise lvl; 3/26. (Wilkner-FL)
- 4805 **BRAZIL R. Difusora do Amazonas** Manaus 1010-1024 M ancw in PP, mixing w/ CODAR; heard same time each day & 2300-0000; 3/28. (Wilkner-FL)
- 4800 **CHINA CNR-1** Geermu 1150 M ancw in CC; fair; 4/7. (Brossell-WI)
- 4810 **BOLIVIA R. Logos** Chazuta 1013-1032 SS; Format of LA mx w/ brief M ancw between selections; continuous thru BoH; f-g in ECCS-USB w/ no ute interference; best reception to date; 3/26. (Barbour-NH) 1051 Vclist; tenor into flauta andina; strong sig; 4/3 & 8. (Wilkner-FL)
- 4815 **BRAZIL R. Difusora** Londrina 0051 Brazuquese sermon; fair vs CODAR, but certainly the best Brazilian on band; only one listenable vs several weaker carriers; 4/9. (Hauser-OK)
- 4835 **PERU Ondas del Suroriente** Quillabamba 2330-2345 Noted here in SS w/ weak sig; narrow filter needed; 4/3 & 7. (Wilkner-FL)
- 4850 **CHINA Xinjiang PBS** Urumqi 0005-0016 M & W ancw in listed Kazakh; lengthy talk by M ancw; still going at t/out; f-p in ECCS-USB w/ mild 4840-WWCR splash; 3/24. (Barbour-NH)
- 4875 **BRAZIL R. Difusora Roraima** Boa Vista 0356 PP talks; fair; 3/21. (Brossell-WI) 0932 PP talks; good; 3/27. (Brossell-WI) 0353-0359* M ancw w/ closedown & final ID in PP followed by choral NA; Carrier returned on for another 6 minutes; fair; 4/9. (DiAngelo-PA)
- 4885 **BRAZIL R. Clube do Para** Belem 0424 M ancw in PP; good; 3/20. (Brossell-WI)
- 4915 **BRAZIL R. Difusora De Macapa** Macapa 0020 PP mx & ancments; fair; 4/8. (Brossell-WI)
- 4925 **BRAZIL R. Educaçao Rural** Tefe 1012 Conversation W/ M & W ancw in PP; fair; completely gone by 1018; 4/8. (Brossell-WI) 4925.13 0101-0118 (P); Ad string w/ various ancw over mx; tentative ID ancment & jingle at 0104; Brazpops & ballads thru t/out; fair in ECCS-USB; 4/9. (Barbour-NH) 4925.2 1030-1050 "Bom Dias" repeated into melodic mx; 3/27. (Wilkner-FL)
- 4930 **BOTSWANA VOA** Moepping Hill 0420 Rpt on violence against women in Africa; fair; 3/20. (Brossell-WI)
- 4940 **CHINA V. of the Strait** Fuzhou 1145 CC talks; f-g; 3/20 & 31. (Brossell-WI)
- 4949.87 **ANGOLA R. Nacional** Mulenvos 2348-0002 (P); Ballads & light pops; v. weak & poor modulation; ancw at 2357 w/ imagination lvl audio; 3 pips at ToH w/ brief PP sounding ancw & right back to mx; v. poor in ECCS-USB; 3/24. (Barbour-NH) 4950 0342 M ancw in PP & brief hi-life mx; poor; 3/17. (Brossell-WI)
- 4955 **PERU R. Cultural Amauta** Huanta 1040-1100 SS mx & talk; good; 3/28. (Wilkner-FL)
- 4990 **SURINAME R. Apintie** Paramaribo 0940-0945 M & W ancw in Duthc; fading; 4/4. (Wilkner-FL)
- 5005 **UNIDENTIFIED** 0110-0120 Non-descript mx; v. weak; not a lot to work with & less so by t/out; 3/30. (Barbour-NH)
- 5010 **MADAGASCAR RTV Malagasy** Antnanarivo 0420 W ancw in listed Malagasy; f-p; 4/3. (Brossell-WI)
- 5025 **CUBA R. Rebelde** Havana 1207-1209 SS prg; poor; 3/11. (Handler-IL) 0548 Check, Rebelde is off again, while 5040 RHC is still on; Also: 0558 Both are on, but at 0601, RHC has gone off 5040, while 5025 dead air is broken by ancment about "problemas tEcnicos" at Rebelde; 3/22 & 23. (Hauser-OK) 0541 Rebelde & RHC are both on; unlike 24 hours earlier when 5025 was off; 4/4. (Hauser-OK) 0630 Rebelde is still on & 5040 RHC off; 4/10. (Hauser-OK)
- 5040 **CUBA RHC** Havana 0535 Rebelde is off, while 5040 RHC is on; and so it goes; 3/27. (Hauser-OK)

- 5050 **USA WWRB** Manchester 0232 WWRB has made its spring move from 3195; W preacher in progress; vg; 3/24. (Hauser-OK) 0057 WWRB Global One svc is back on w/ preacher, after missing three nights; at 0114, both 9370 & 3185, the BS freqs, are off; apparently there are not quite enough active txmitters to go around; 4/4. (Hauser-OK)
- 5085 **USA WTWW** Lebanon 0019 WTWW-2 Still off; nor on day freq 9930; while WTWW-1 is on 5830, but WTWW-3 is also off 1210; by 1124, 5085 is back on w/ BS & after 1300 on 9930, so txmitter appears to be fixed; 3/18. (Hauser-OK) 0513 WTWW-1 night freq, 5830, is missing & still off at 1209, while WTWW-2 night freq 5085 is on at both chex; after 1303, all three WTWWs are active on day freqs, 9475, 9930 & 12105; 4/3. (Hauser-OK)
- 5110v **USA WBCQ** Monticello 0131 CUSB; WBCQ ID & Area-51-like liners; presumably following "Allan Weiner Worldwide" which now starts at 0000 UT Saturdays & may last up to a sesquihour; 3/22. (Hauser-OK) 0103 "William Tell Overture" ending; theme to "Allan Weiner Worldwide" unsked playback; starts telling story of his pirate ship Sarah from almost 30 years ago; apparently spurred by the current fiftieth anniversary of R. Caroline; 4/1. (Hauser-OK)
- 5830 **USA WTWW** Lebanon 0550 WTWW-1 is on but modulation suppressed; audible at peaks only & unreadable talk; wiggle that patchcord? OK at next check 1200; 3/22. (Hauser-OK) 0040 WoR 1716 confirmed from 0400:53 on WTWW-1; this week I catch only one txmitter dropout at 0403:37*-0404:45; 4/13. (Hauser-OK)

International Band Loggings 5901-30000 kHz

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

- 5960 **TURKEY Voice of Turkey (VOT)** 23:05 to 23:13 with an ID at 23:11, SINFO=3,5,4,4,3, I heard again about Flight 370 crashing into the Indian Ocean. My question is why was it there? I heard about mass executions to take place in Egypt, I tuned out at the Turkish press information.. 3/25. (Davis-OH)
- 6000 **CUBA RHC** 0100-0200 Music With a Message, featuring Steppenwolf; both freq good 3/16 WTWW Tennessee 1335+ English; 2 guys in boring discussion of conspiracies - guns, the missing Boeing 777 (Prodan-ME)
- 6020 **ALBANIA China Radio International (CRI)** 00:45 to 01:00 with an ID at 01:00, SINFO=13,5,5,3,4, I heard about a man making small animal and human looking figures out of a combination of rice and wheat dough, the Horizon program, 3/9. (Davis-OH)
- 6055 **JAPAN Radio Nikkei** 1215-1219 Japanese language program male presenter joined by another male at 1218. Fair signal. 03/11/14 (Handler-IL)
- 6125 **CHINA CNR-1** via Beijing or Shijiazhua 1205-1212 with Mandarin language program. Fair signal. // 6175 slightly weaker signal. 03/17/14 (Handler-IL)
- 6150 **PIRATE (No. Am.) Channel Z** 0048-0111* Apr 2, Andy Walker playing 1950's, 1960's and early 1970's rock 'n' roll music with plenty of English/English talk and Blue Ridge Summit postal address and channelzradio@gmail.com e-mail address for reports. Read several e-mail over the air including one from another guy in Wyomissing, Ron Hunsicker. Thanks to Ralph Perry for the tip. Poor to fair. Anyone remember the day when the 49 meter bad was crowded in North American evenings making this impossible? (D'Angelo-PA)
- 6150 **PIRATE (No. Am.) Channel Z Radio**, 0018-0115 Apr 9, DJ Andy Walker with chatter, IDs and mentioning this was Part 2 of his Before They Were Famous" oldies rock music program. Fair. (D'Angelo-PA)
- 6160 **CANADA CBC** discussion in English, more likely CKZN than CKZU this early, now out from total annihilation by Brazil off-frequency from 6180 and putting out huge pulsing mess for a few days; but still plenty of ACI splash from 6165 Cuba (Glenn Hauser, OK, DX LISTENING DIGEST)
- 6175 **CHINA CNR-1** via Beijing 1205-1212 with Mandarin language program. Fair signal. // 6125 slightly stronger signal. 03/17/14 (Handler-IL)
- 6185 **MEXICO XEPPM** 6185, April 11 at 0106, in the clear! No ACI with BRAZIL q.v. gone from 6180, instead making big mess from 6148 to 6170. Under modulated but sufficiently readable fair signal, YL talking about pueblos indigenes, e-mail I think went ondacorta@radioeducacion.com.mx so it's still separate during the evening from MW 1060 XEEP (Glenn Hauser, OK, DX LISTENING DIGEST)
- 6250 **OPPOSITION Echo of Unification** (Tentative) 1219-1222 Male in Korean underneath Japanese Navy's digital transmission. Poor signal. 03/11/14 (Handler-IL)
- 6400 **KOREA Pyongyang BS** (tent) via Kanggye 1225-1235 music. JBA 03/11/14 (Handler-IL)

- 850 **NORTH AMERICA** *The Crystal Ship* 6850.65, April 11 at 0101, pirate music here, poor signal, then kid dialog, 0103 e-mail but missed it, Tarzan yell, "operator of The Crystal Ship" mentioned, music; 0114 "the Bubblegum Express (Glenn Hauser, OK, DX LISTENING DIGEST)
- 850 **PIRATE (No. Am.)** *The Crystal Ship* 0014-0110 Apr 9, tuned in to The Byrd's with Eight Miles High followed by nice ID at 0020 ("You are tuned to The Crystal Ship") followed by Jefferson Airplane tune. Poor to fair with substantial noise marring reception. (D'Angelo-PA)
- 876 **PIRATE (No. Am.)** *The Crystal Ship* 0020-0135 (may have gone off shortly thereafter) Apr 2, nice program of oldies rock music hosted by The Poet (?) with English talk, IDs, etc. with Ringo Starr, Jim Croce, Paul Simon, Paul Revere and The Raiders, Cher, etc. being played. Several IDs. Poor to fair. (D'Angelo-PA)
- 924 **PIRATE (No. Am.)** *MAC Shortwave Radio* 2321-2358* Apr 20, Jimmy Steward hosting Easter program with Big Band music selections, IDs and macshortwaveradio@gmail.com e-address. Fair to good signal with occasional deep fades. (D'Angelo-PA)
- 925 **PIRATE (No. Am.)** *WHYP* 0256-0306* Mar 24, rock music with a man announcer giving ID and talking about special low power (18 watts) test transmission with reception reports to WHY-PRadio@gmail.com. Fair. (D'Angelo-PA)
- 925 **PIRATE (No. Am.)** *Channel Z Radio* 0138-0152 Apr 18, another segment of Before They Were Famous with DJ Andy Walker, many station IDs and usual banter between songs. Fair. (D'Angelo-PA)
- 935 **PIRATE (No. Am.)** *Radio Appalachia* 0055-0112* Mar 30, playing country music tunes with a man announcer periodically talking but I could not make out anything he was saying. Off after last song. Checked HF Underground and apparently it is Radio Appalachia. Poor. (D'Angelo-PA)
- 275 **SPAIN** *Radio Exterior de Espana* Noblejas, 2115-2206* Apr 12, two men with fast paced talk with coverage of soccer match. ID at 2200 followed by closedown announcements and IS. Is stopped at 2203 and dead air followed for three minutes until the carrier was terminated. Fair to good. (D'Angelo-PA)
- 280 **PRIDNESTROVIE (Moldavian S.S.R.)** *Trans World Radio India* Grigoriopol, 0109-0130* Mar 27, Woman announcer talking in listed Bhojpuri language alternating with music. 0112 ID and address in India and e-mail address. TWR IS at 0114 followed by opening of listed Dzonka language. Closedown ID and sign off announcements followed by closing IS at 0129. Good. (D'Angelo-PA)
- 280 **PRIDNESTROVIE** *Radio Farda* Grigoriopol, 0038-0130 Apr 18, music program with mix of Middle Eastern music and US pops; numerous IDs and some Farsi talks. Good signal. (D'Angelo-PA)
- 305 **CHINA** *CNR-1* via Shijiazhuo 1223-1225 with Mandarin language program. Fair signal // 7365, 6175 and 6125 on 03/17/14 (Handler-IL)
- 365 **CHINA** *CNR-1* via Shijiazhuo 1223-1228 with Mandarin language program. Good signal // 7305, 6175 and 6125 on 03/17/14 (Handler-IL)
- 375 **GERMANY** *The Mighty KBC* Nauen, 0125-0200* Apr 13, Uncle Eric hosting The Giant Jukebox with Wanita Banana song followed by Kim Andrew Elliott with some digital traffic asking for e-mails to thegiantkbc@gmail.com. At 0150 Kraig Krist with a forgotten song segment. Terrific signal tonight. (D'Angelo-PA)
- 375 **NETHERLANDS [non]** *The Mighty KBC* April 20 at 0125, "Uncle Eric with 125,000 watts of musical power rockin' over the ocean" At 0130 KBC Imports ads in English and Dutch, 0131 Kim Elliott with a Radiogram minute (Glenn Hauser, OK, DX LISTENING DIGEST)
- 505 **ARMENIA** *BBC World Service* Gavar, 0253-0259* Mar 29, woman announcer hosting English language program with news events in Africa featured. Interview with a man about the Congo situation. ID and program highlights at 0258 with carrier cut at 0259. Fair. (D'Angelo-PA)
- 1195 **SRI LANKA** *British Broadcasting Corporation (BBC)* 11:01 to 11:06 with an ID at 11:04, SINFO=3,5,4,3,3, I heard a man talking about the women raped in the genocide in Rwanda twenty years ago this year, the 1000A and the 637' long wire antenna. Note: 9,740 kHz. had a stronger signal. Also, see 17,760 kHz. 4/10. (Davis-OH)
- 1335 **BURMA** *Radio Free Asia* 9335, April 11 at 1328, nice IS of bells, unique to this service? Occasional IDs in English "This is Radio Free Asia"; good with flutter; 1330 sign-on Burmese service in English, then into Burmese. It's at 1230-1430 via TINIAN (Glenn Hauser, OK, DX LISTENING DIGEST)
- 1423 **NORTH KOREA** *Voice of Korea* 13:01 to 13:04 with an ID at 13:04, SINFO=3,5,4,4,4, I heard a national anthem, a male then gave the ID and then the start of one their long choir songs, that was enough for me., 4/10. (Davis-OH)
- 1485 **GERMANY** *Atlantic 2000 International* 0730-0800*, poor but readable 25322 with pop music by Dido, Rolling Stones, Hero, Barbara Streisand and Michel LeGrand, many station IDs and requests for reception reports to atlantic2000international@gmail.com. No sign of signal on 7310 kHz at 0800. Fun to listen via shortwave and live stream (NIKOLICH, IL)

- 9510 **ITALY IRRS *0900-1000***, special broadcast commemorating the 50th anniversary of Radio Caroline, including s/on with "Karn Evil 9" Reception was rough (SINPO 23222) but definitely worth the effort — it was one of the coolest shortwave broadcasts I've heard in years (NIKOLICH 3/29)
- 9545 **SOLOMON ISLANDS SIBC** readable level (35333) in EG at 0800 w/YL interviewing government official, many several mentions of Honiara and ID at 0830 (NIKOLICH, IL 4/3)
- 9570 **CUBA RCI China** out of Havana 1315 English; m ann report on survey on women's participation in careers, effect of family planning, etc; 1320 "you're listening to China Drive, every day from 1 to 2 pm on Easy FM"; then sports; fair 3/25(Prodan-ME)
- 9575 **MOROCCO (Spanish) Radio Medi Un Nador**, 2306-0002 Mar 24, man and woman with the news in French language. Pop music program hosted by a man with a long stretch of musical selections. A woman with ID at 2347 followed by a jingle. Some more music and talk mix until 0000 when China Radio International from Cerrik, Albania opened on 9,570 kHz marring reception. Fair but in the clear prior to CRI opening. (D'Angelo-PA)
- 9625 **JAPAN Radio Japan** 10:02 to 10:10 with an ID at 10:09, SINFO=3,5,3,3,3, I heard a piece about the total cost of the repairs to their nuclear power plant and the cost to the people living around it.. 3/11. (Davis-OH)
- 9629 **BRAZIL Radio Aperecida** 2226-2253 Mar 29, vocal selection prior to ID and several announcements in the Portuguese language. A man announcer with a long talk followed by a music program hosted by another man announcer. At 2245 two male announcers got involved in a long conversation. Fair but somewhat fading signal. (D'Angelo-PA)
- 9660 **MADAGASCAR Vatican Radio** 0259-0320 s/on, nx including discussion of meeting bet Pope Francis and Pres Obama, good signal 03/28/14 (Feinberg-NY)
- 9690 **AUSTRIA Adventist World Radio** Moosbrunn, 0208-0220 Apr 2, man and woman talking in listed Urdu language with fair signal until China Radio International via Noblejas opened in Chinese at 0215 in mid-program with a very strong signal now dominating channel. AWR could still be heard underneath CRI. (D'Angelo-PA)
- 9765 **NEW ZEALAND Radio New Zealand International** 9:26 to 10:00 with an ID at 9:59, SINFO=5,5,5,3,4, I heard about a very rare species of parrot that had a cracked egg, so they taped and glued it together, and then it hatched out perfectly.. 3/11. (Davis-OH)
- 9830 **CUBA RHC** April 20 at 1257, RHC is still here despite the heavy RTTY QRM, as 9550 and 9850 have already gone off. Arnie was talking about moving to 9820 a week ago, but still hasn't done it. There is also a weak signal on 9820, but would be an improvement. After 1302 on 9830 there is additional CCI from some other broadcaster. Nothing in HFCC, but Aoki shows 9830 with CNR1, and 9820 with CNR2 and Beibu Bay Radio before and after 1300. So wherever, it'll be Commies vs Commie(Glenn Hauser, OK, DX LISTENING DIGEST)
- 9845 **ALBANIA Radio Tirana *0130-0141** Apr 18, woman announcer with opening ID and sign on announcements for English program. A man gave the program preview and followed with the news. Fair. (D'Angelo-PA)
- 9860 **IRAN Voice of Islamic Republic of Iran** Kamalabad, 0237-0322* Apr 2, talks by a man and a woman in Spanish language with very brief musical segments. Closed with instrumental music before carrier was terminated. Poor. (D'Angelo-PA)
- 9910 **GUAM KTWR** 1223-1227* with Male presenter at 1226 gave url/email address at 1227 female ID as KTWR Agana followed by sign off. (Handler-IL)
- 9965 **EGYPT R. Cairo** April 16 at 0112, R. Cairo is back on with big carrier, little modulation under hum whine, after being off the air 24 hours earlier. Were they fixing the transmitter? Of course not! (Glenn Hauser, OK,DXLISTENINGDIGEST)
- 11253 **UNITED KINGDOM Military One Time Information Broadcast** (the old RAF Volmet), USB mode, 01:52 to 01:57 with an ID at 01:54, SINFO=2,5,3,3,2, with no weather available for Kandahar at 1:54., 3/9. (Davis-OH)
- 11510 **MOLDOVA Radyoya Denge Kurdistan**e tentative, from 3:58 to 5:00, with no understandable IDs, this station's location was found on the Internet, I think the language was Kurdish, SINFO=3,5,4,3,3, I heard a lot of music with flutes, drums, and some stringed instruments, and then a speech until 5:00 when I tuned out. 4/9. (Davis-OH)
- 11650 **VATICAN Radio Dabanga** Santa Maria di Galeria, 0432-0447 Apr 12, man announcer with new in Arabic language with numerous IDs and many items about Darfur. Good signal. (D'Angelo-PA)
- 11665 **SARAWAK RTM Sarawak FM** 1205-1230, great signal with pop, rock and Malaysian music, YL, very strong signal 45444 most mornings in Chicago (NIKOLICH 3/30)
- 11680 **GERMANY Radio Japan** Nauen, 0449-0500* Apr 12, Japanese language program with talks by a man and a woman. ID and closedown announcements at 0459 with time pips at 0500 before plug pulled. Very poor. (D'Angelo-PA)

- 1710 **NORTH KOREA Voice of Korea** *1300-1330, s/on with "Song of General Kim Il Sung" IS, with IDs by YL and OM ("This is Voice of Korea,") into national anthem and then series of patriotic songs, EG nx by OM at 1309 (NIKOLICH 3/30) 11670 **INDIA AIR** 2215-2230 w history of April Fools day, then mx, s/off, good signal 4/1/14 (Feinberg-NY)
- 1710 **NORTH KOREA VOK** 1300-1330 w s/on, choral martial mx, nx, vocal mx, fair to poor w poor modulation 2/27/14 (Feinberg-NY)
- 1735 **NORTH KOREA Voice of Korea** April 16 at 1254, all with Juche jamming noise bleeding in to entertain us during open carrier between Voice of Korea transmissions (Glenn Hauser, OK, DX LISTENING DIGEST)
- 1750 **PHILIPPINES VOA** 1255-1300 Today in History, In'tl Public Save Annt, carrier dropped 1300 3/28/14 (Feinberg-NY)
- 1770 **IRAN Voice of Justice** Sirjan, 0335-0354 Mar 25, man and woman announcers with English language news program. Nice "Voice of Justice" ID at 0345 followed by news analysis program. Fair. (D'Angelo-PA)
- 1755 **KUWAIT R Kuwait** in Arabic to C&W North America, VG strength but extremely heavy flutter; in fact, the SSOB, exceeding 17860 Australia by a wide margin (Glenn Hauser, OK, DX LISTENING DIGEST)
- 1905 **SRI LANKA SLBC** 0115-0203 w s/on, ID, tk/mx in Hindi, good to fair signal w slow fade, strong QRM at 0200, 3/27/14, also heard 0115-0200 4/1/14 (Feinberg-NY)
- 1905 **EGYPT Radio Cairo** 0334-0437 Mar 29, woman announcer with Arabic talks hosting a program of Egyptian vocal musical selections. 0400 news with a man announcer with a return to vocals at 0405. ID at 0430 by a woman before talk features commenced. Making it through with fair to good signal tonight. (D'Angelo-PA)
- 1905 **SRI LANKA Sri Lanka Broadcasting Corporation** April 18 at 0114:52, music starts from SLBC after carrier-on earlier in this minute, good with heavy flutter; 2+1 mistimesignal ends at 0115:19, sign-on in Hindi pronouncing "Sri Lanka Broadcasting Corporation" in English (Glenn Hauser, OK, DX LISTENING DIGEST)
- 1910 **SPAIN [non] REE** April 13 at 1222, Spanish talk, poor with flutter, the Beijing relay of REE making it poorly with flutter (Glenn Hauser, OK, DX LISTENING DIGEST)
- 1980 **INDIA AIR** April 18 at 0101, AIR Sinhala service via Delhi-Khampur with another failure: dead air though good signal with flutter, (Glenn Hauser, OK, DX LISTENING DIGEST)
- 12065 **AUSTRALIA Radio Australia** via Shepparton, 14:14 to 14:16 with an ID at 14:16, a man talked about his years as a doctor in Papua New Guinea circa 1954, 3/10. (Davis-OH)
- 12150 **PHILIPPINES Voice of America (VOA)** 12:32 to 12:45 with an ID at 12:44, SINFO=3, 5,5,4,4, an archbishop in Lebanon wants shipments of arms to the Syrian rebels to be stopped. . 4/10. (Davis-OH)
- 13590 **CHINA China Radio International (CRI)** 10:11 to 10:30 with an ID at 10:29, SINFO= 3,5,3,3,3, I heard a very informative piece about the re-evaluation of college entrance exams in China so rural students can score better on them and go to college 3/11. (Davis-OH)
- 13625 **GUAM KSDA** April 18 at 1430, fair-good signal in Burmese with Christian hymn tune at 1432. It's KSDA at 1430-1500, and per Aoki I have lucked into the sole station on 13625 any when, anywhere (Glenn Hauser, DXLISTENINGDIGEST)
- 13710 **INDIA All India Radio** 13710, April 11 fair at 1338, AIR GOS news in English concluding with a sports item and something about China (Glenn Hauser, OK, DX LISTENING DIGEST)
- 13840 **NEW ZEALAND RNZ** 1103-1130 w Pacific and Asian Nx, good to fair signal 3/18/14, may have already dropped this frequency due to spring schedule change (Feinberg-NY)
- 15120 **NIGERIA VON** 0505-0512 talk between 2 females, topic unclear to me, fair to poor signal, faded out by 0515 3/22/14 (Feinberg-NY)
- 15140 **OMAN Radio Sultanate of Oman** tentative, 13:35 to 13:41 with an ID for the FM station at 13:41, SINFO=2,5,4,3,2, I heard word groups and not sentences, when a woman began the news after the ID, I tuned out. 4/11. (Davis-OH)
- 15410 **INDIA General Overseas Service of All India Radio** 1022 to 1031 with an ID at 1029, SINFO=2,5,4,3,3, I heard several Indian songs,. 4/10. (Davis-OH)
- 15420 **SEYCHELLES BBC** 1950-1959 w talk abt cultural differences bet Britain and France, fair signal on last day that this relay station is scheduled to broadcast 3/29/14 (Feinberg-NY)
- 15275 **RWANDA DW** Kigali, Rwanda 1803 m talk; 1806 f & m fair; prob Hausa 3/31(Prodan-ME)
- 15490 **THAILAND Voice of America (VOA)** 15:30 to 15:45 with an ID at 15:44, This was a listeners' request program, the announcer played Hotel California, and later I heard a combination of Border Crossing and VOA ID in a musical jingle,. 4/9. (Davis-OH)
- 15540 **KUWAIT RK** 1830-1900 w nx, pop mx. 3/19/14. (Feinberg-NY)
- 15570 **VATICAN Vatican Radio** 17:38 to 17:42 with an ID at 17:42, SINFO=2,5,5,3,3, a priest telling about how Jesus raised Lazarus from the dead and then a song. 4/5. (Davis-OH)

- 15575 **SOUTH KOREA KBS World Radio** 1259-1310 w IS, s/on, nx, tk about cyberbullying, fair signal 3/29/14 (Feinberg-NY)
- 15575 **SOUTH KOREA KBS World Radio** 13:44 to 13:58 with several IDs at 13:56 and 13:57 SINFOs=3,5,4,3,3, to 3,2,4,3,2, interfering stations came in on or above their frequency at 13:4 and 13:51, I had to use the USB mode to hear the signal. . 4/11. (Davis-OH)
- 15575 **SOUTH KOREA KBS World Radio** Saturday April 19 at 1350, KBS World Radio's so-called North American service is fairly readable, (Glenn Hauser, OK, DX LISTENING DIGEST)
- 15580 **BOTSWANA VOA** 19:40 to 19:48 with an ID at 19:43, SINFO=3,5, 4,3,4, the Encounter program: a woman announcer had a discussion with someone about the stalemate in the Palestinian Israeli peace process., 4/6. (Davis-OH)
- 15580 **SAO TOME VOA** 16:07 to 16:23 with an ID at 16:22, SINFO=2, 5, 3, 3, 2, I heard the Africa New Tonight program, and about the continued fighting in Darfur and how the government is not stepping in to stop the fighting or the serious crimes. 3/21. (Davis-OH)
- 15580 **BOTSWANA Voice of America** Moepong Hill, 1957-2200* Apr 12, light instrumental music filled to 2000 ID and introduction of African music program hosted by a woman announcer. Poor but fair at tune in but signal constantly strengthening to good but close down at 2200 when pulled in midst of song. (D'Angelo-PA)
- 15590 **THAILAND RT** 0005-0030 Regional nx, comm'l's for Bangkok Airways and Ramada Plaza, global nx, good to fair signal, carrier dropped 0030 4/4/14 (Feinberg-NY)
- 15660 **GUAM KSDA** 15:59 to 16:27 with an ID at 16:27, SINFO=2,5,4,5,2, with time, the signal grew stronger until the "S" became a 3, I heard some Christian songs, a short sermon, and prayed but the contact information was for India, the 5050A, the 1000A. 3/13. (Davis-OH)
- 15690 **FRANCE Radio Taiwan International (RTI)** 17:32 to 17:36 (the signal was cut at that time with an ID at 17:33, I heard a discussion of palm oil, it was used as a water proofing agent) 4/6. (Davis-OH)
- 17460 **ASCENSION ISLAND BBC** 16:25 to 16:30 with an ID at 16:29, Putin has signed the legislation to make Crimea a part of Russia, the 5050A and the 637' long wire antenna. 3/21. (Davis-OH)
- 17500 **CENTRAL AFRICAN REPUBLIC [non] R. Ndeke Luka** (lucky bird, April 10 at 1723, something with poor signal, presumably), the Hirondelle station in Bangui broadcasting back to the CA (Glenn Hauser, OK, and DX LISTENING DIGEST)
- 17550 **KUWAIT Radio Kuwait** 2245-2250 Arabic language program with Arabic song by female. Good signal. 03/22/14 (Handler-IL)
- 17630 **CHINA Mail, CRI** 14:08 to 14:54 with an ID at 14:54, SINFO=3,5,3,3,3, I heard most of the Round Table program from Easy FM, and a discussion of the safety of nuclear power plants in China. 4/5. (Davis-OH)
- 17630 **CHINA CRI** 14:08 to 14:54 with an ID at 14:54, SINFO=3,5,3,3,3, I heard most of the Round Table program from Easy FM, 4/5. (Davis-OH)
- 17760 **THAILAND BBC** 11:12 to 11:30 with an ID at 11:29, SINFO=4, 5,4,4,4, I heard a continuation of the same rape segment and then an interview with an artist who arranged for a Picasso to be exhibited in Palestine. 4/10. (Davis-OH)
- 17775 **USA KVOH** Rancho Simi, Calif 1348 music, m ann & song; 1355 "esta es Voce de Esperanza" fair but clear by 1400 ID ann, first in Spanish, then English Voice of Hope; then f ann "amigos y amigos"; 3/25 (Prodan-ME)
- 17840 **ROMANIA Radio Romania & Iran** 1405 both stations simultaneously coming in fair to good neither dominant; could hear m & f ann on Romania, chants on Iran; by 1411 "Radio Romania" ID, then song, now dominant & Iran barely discernable; fair - good 3/25 (Prodan-ME)
- 17850 **FRANCE RFI** April 16 at 0728, poor signal in French when I was not expecting to hear anything on 16m? (Glenn Hauser, OK, DX LISTENING DIGEST)
- 17975 **UNID Unid station** 2120-2126 Pirate? Or SWBC? In AM carrying one of FDR's Fireside speeches since 03/17/14. No identification heard. Fair signal on 03/29/14 (Handler-IL)
- 21740 **AUSTRALIA Radio Australia** 2210-2215 GMT English language program with Good signal on 03/14/14 (Handler-IL)
- 25000 **USA WWV** Fort Collins, 0035-0046 Apr 18, usual time announcements on experimental frequency now into the evening. ID at 0030. Good signal. (D'Angelo-PA)
- 25900 **RUSSIA Radio Magic Eyes** April 11 at 1526, poor choppy signal with deep fades, but music definitely there from Radio Magic Eyes, Moscow on its Friday-only broadcast; long talk segment between W&M from 1528, Any, it's still active on the same frequency, contrary to earlier plan (Glenn Hauser, OK, DX LISTENING DIGEST)

On the Shortwaves

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< www.ontheshortwaves.com > Update, March 30, 2014 -- In shortwave broadcasting's earlier days, clubs liked to arrange special broadcasts from stations, which were often very accommodating. This time, under "DX History/QSLs & Other Station Memorabilia," we remember one such broadcast, made in April 1936 over station EAQ in Spain on behalf of the London Chapter of the International Shortwave Club, then headquartered in East Liverpool, Ohio (it moved to England after the war). We have posted a file containing the announcement of the broadcast in the ISWC's monthly bulletin, International Short Wave Radio; the QSL sent out by the club's European representative, Arthur E. Bear (who would head up the club after the war); and, from the May 1936 ISWC bulletin, a photo of the attendees of the London Chapter's third annual dinner-dance which was held in March of that year. -- Also this time, under "Specialized Resources/Wavescan," we have two new entries from Adrian Peterson: "BBC Indian Ocean Relay Station Seychelles: The End of an Era," and "The World's Most Inaccurate Scientific Measurement" (both Wavescan N265, March 23, 2014). -- Also under "Specialized Resources," we have updated the Popular Communications Index of history-related articles, through March-April 2014. The December 2013 issue of *PopComm* was the last. Starting with the February 2014 issue of *PopComm*'s sister magazine, *CQ*, much of the monitoring content of *PopComm* has been moved to an electronic supplement to *CQ* called *CQ Plus*. The supplement is available only to subscribers of the electronic version of *CQ* (which is distributed via Zinio). Shannon Huniwell's "Shannon's Broadcast Classics," where much of the *PopComm* history-related material appeared in recent years, has been renamed "Radio Drama" and continues to appear in *CQ Plus* (as does Gerry Dexter's SW column and Steve Handler's pirate column). The updated index includes articles from all *PopComm* issues (save for a very few missing copies) starting in September 1982, and from *CQ Plus* through the combined March-April 2014 issue.

< www.ontheshortwaves.com > Update, April 6, 2014 -- Both before and after Pearl Harbor, Latin America was a major target of American shortwave broadcasting. Although American shortwave did not come under government control until November 1942, one of the missions of the Office of the Coordinator of Inter-American Affairs (CIAA), which was headed by Nelson Rockefeller, was to facilitate private American shortwave broadcasting to Latin America. One strategy was to insert in Latin American publications advertisements that promoted American shortwave. Under "DX History/Stations" we have posted a file containing 14 such Spanish-language advertisements that appeared in the Latin American version of *Reader's Digest* in 1943 and 1944. Where the ads contained addresses they were either the Department of Commerce in Washington, DC, or 444 Madison Avenue, New York, which was the CIAA's New York office. Even though the name "Voice of America" was by then in regular use, these ads made no mention of it, referring to the stations generically as "Las Emisoras de los Estados Unidos." -- Also, under "Specialized Resources" we have posted two new "Wavescan" presentations from Adrian Peterson: "Focus on Asia: On the Air Shortwave from India's First Capital City 2--The Calcutta Story," and "The Origins of Early Shortwave Broadcasting" (both Wavescan N266, Mar 30, 2014). -- And finally, on the page for the book *The Early Shortwave Stations: A Broadcasting History Through 1945*, we have posted some reviews of the book that have appeared in the radio press.

< www.ontheshortwaves.com > Update, April 13, 2014 -- One of the most interesting stations of past decades was the British Forces Broadcasting Service, which over the years operated shortwave transmitters from many interesting places in Africa and Asia. The last of these to close was Singapore, in 1971. Some lucky DXers heard BFBS transmissions in connection with the Falklands War in 1982, a service that would share the local Falkland Islands Broadcasting Service shortwave channel for some years. Listeners were pleasantly surprised when much stronger BFBS signals appeared in 1990 in support of Britain's Operation Granby in the Gulf War, and again in 2003 during the Iraqi invasion. Under "DX History/Stations" we have posted a 1969 article about BFBS by Don Jensen. It is from *Radio-TV Experimenter*, and titled "Tommy's Dying Voice." With it we have posted a half-hour recording of BFBS shortwave made in August 1990 during the Gulf War. -- Also posted this week, under "Specialized Resources," these two stories from Adrian Peterson: "Titanic Anniversary: Wireless to the Rescue--Shipping Disasters Before the Titanic," and "Tribute to Dr. Robert Bowman, FEBC" (both Wavescan N267, April 6, 2014).

< www.ontheshortwaves.com > Update, April 20, 2014 -- This time, under "CPRV/The CPRV Gallery," "Broadcast Band-North America-Canada," we have posted a compilation of 16 broadcast band QSLs from Saskatchewan, covering the years 1924 to 1977. They are: CBK, Regina (1963); CFQC, Saskatoon; CFRG, Gravelbourg; CFSL, Weyburn (1969); CHAB, Moose Jaw (1959); six QSLs from CJGX, Yorkton (1934-1976); CJNB, No. Battleford; CJVR, Melfort (1977); CKCK, Regina (1924, posted previously); CKOM, Saskatoon (1971); and CKRM, Regina (1969). -- And under "Specialized Resources/Wavescan" you will find two new entries from Adrian Peterson: "Titanic Anniversary: Wireless Signals from the Titanic," and "Match Box Radio" (both Wavescan N268, April 13, 2014).

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Publisher/Business Manager: Bill Oliver, 45 Wildflower Rd., Levittown, PA 19057

Executive Council: Jerry Berg, Ralph Brandi, Dr. Harold Cones, Richard Cuff, Rich D'Angelo, Bill Oliver, John Figliozzi

EDITORIAL STAFF:

Managing Editor: Dr. Harold Cones, 2 Whits Court, Newport News, VA 23606

Desktop Publishing/Graphics: Ralph Brandi, 128 Greenoak Blvd, Middletown, NJ 07748

Easy Listening: Richard Cuff, 42 North 37th St. Allentown, PA 18104

Shortwave Center: John Figliozzi, 45 Algonquin Rd, Clifton Park, NY 12065

Adrian Peterson's Diary: Adrian Peterson, Box 29235, Indianapolis, IN 46229

NASWA Awards: Gary Neal, PO Box 1, Cockeysville, MD 21030

Listeners Notebook: Rich D'Angelo, 2216 Burkey Dr. Wyomissing, PA 19610

Pirate Radio Report: Mike Rohde, 2615 Willow Glen Rd, Hilliard, OH 43026

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

Scoreboard: Gary Neal, PO Box 1, Cockeysville, MD 21030

Kim's Column: Dr. Kim Elliott, 5001 North 25th St, Arlington, VA 22207

Tropical Band Loggings: Scott Barbour, Jr. PO Box 893, Intervale, NH 03845

International Band Loggings: Steve Handler, PO Box 11, Lincolnshire, IL 60069-0011

Company Store: Jim Strader, 74 Miller St, Middleborough, MA 02346

Distributing Editor: Bob Montgomery, 86 Pumpkin Hill Rd, Levittown, PA 19056

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