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PROGRAM SCHEDULE — PROGRAMME DES ÉMISSIONS



North American Shortwave Association — America's Shortwave Broadcast Club

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FR-200G



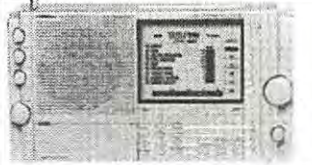
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NASWA Notes

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

Congratulations go out to **Rich Cuff**, **John Figliozi** and a cast of thousands for putting on another very successful Winter SWL Festival in beautiful downtown Kulpsville last month. It was a great show featuring many of the top names in the shortwave listening hobby. This was another truly outstanding event and these gents and all the folks that help put this great gathering together deserve a big thank you for doing what they do. **Thank you!**

If you have never attended a Winter SWL Festival, you are really missing something special. You need to be there to experience the full impact of this great gathering. Next year is a mere eleven months away. It's never too early to begin planning to attend in 2005. If you have never attended, what are you waiting for? I look forward to seeing you in beautiful downtown Kulpsville for the 2005 Winter SWL Festival that will be held on 11 and 12 March 2005. Watch the *Calendar of Events* and catch the latest news in Rich Cuff's *Easy Listening* column.

Congratulations to **Joe Buch**, our dedicated and multi-talented *Technical Topics* column editor, who won the 2004 *Don Jensen Distinguished Service Award* issued by the Association of North American Radio Clubs (ANARC) and the 2004 *William P. Eddings Award* as the NASWA Member of the Year. At the Winter SWL Festival banquet, it was my pleasure to announce that Joe was the recipient of both of these awards in recognition of his dedication, leadership and expertise in guiding the club and the shortwave listening hobby in the battle over broadband over power line (BPL) communications that is raging in the nation's capital. The selection of Joe Buch by the our Executive Council and ANARC's Board of Directors for these honors is well deserved. Joe's outstanding contributions to the hobby over a period of years plus his

leadership and technical expertise in battling the BPL issue made him a natural choice for both organizations. The BPL issue continues to be a hot topic to debate. At one of the forums, Joe provided a comprehensive update on the progress made to date on the issue and where things are likely to go from here.

Congratulations to our Managing Editor **Harold Cones** who was elected Chairman of ANARC's Board of Directors during the Kulpsville festivities replacing a retiring **Mark Meece**. Harold serves as the club's representative to ANARC and had been serving on the board at the time of his election. Mark is stepping down after six years of service to the hobby community. NASWA thanks him for his service and wishes Harold the best as the new Chairman.

The Winter SWL Festival was a great place with **Mike Wolfson** premiering the *Company Store* line of tee shirts, sweatshirts and coffee and beer mugs. If you were not at the Fest, Mike is making this stuff available by mail order. The particulars are in Mike's *Company Store* column so keep an eye open for Mike's column for the important details.

The club received an electronic postcard from **Dario Monferini** and **Serginho Nuzzi** at "First DX Camp Volcano Etna" offering "explosive greetings" to everyone. I sure hope the volcano wasn't active as pictured in the card! Maybe we will get to see the loggings in an upcoming *Journal*. See the *Musings* for more on this adventure.

The new edition of the *Australasian Shortwave Guide* (ASWG), a print product from the Electronic DX Press Radio Monitoring Association based in Melbourne, Australia is now available. Edition 17 has over 1400 entries, covers the international shortwave trans-

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mission period commencing March 28, 2004, and concluding on October 30, 2004, known as the A04 International Transmission Season. The Guide has been issued twice annually for many years, and is regarded as the most detailed and accurate listing available—40 pages, handy A5 format, saddle stitched. It provides comprehensive information of English shortwave schedules to Australia, Asia, the Far East, Siberia, the Indian sub-continent, and the Pacific, and for broadcasts in All languages to Australia and the Pacific. The ASWG is compiled from an extensive worldwide network of broadcasters, frequency planners, engineering consultants, professional monitors, and members of the monitoring association. Payments to **Bob Padula**, 404 Mont Albert Road, Victoria 3127, Australia. Within Australia: A\$10; Outside Australia (airmail delivery): US\$10.00 or 5 Euros. Cash, Paypal or checks payable at an Australian banks.

Nicholas Hardyman, the publisher of the *World Radio tv Handbook* and *The Shortwave Guide*, notified readers that "after an extensive period of consultation and analysis, we have decided not to publish another edition of *The Shortwave Guide*. The book was very well received by those who bought it, and especially by frequency and scheduling managers, but the overall sales do not justify continuing publication." So, after two volumes, this reference is now gone.


Don't forget to check out **Martin Schoech's** *The QSL Information Pages* at <http://www.schoechi.de/qip.html> for zipped QSL files for about 40,000 loggings from more than 8,000 radio stations coming from 240 different radio countries. Much of the information is presented free but there appear to be certain areas that subscription fees apply. I would be very interested in hearing what our members think about this site in a musing.

Remember to check out the new DXAsia website run by international known DXers **Alok Dasgupta** and **Victor Goonetilleke**.

The site provides accurate and timely schedule information for listeners interested in radio broadcasting to and from the South Asian region with emphasis on India, Pakistan, Bangladesh, Sri Lanka and surrounding countries. Improvements will be made on a regular basis so check DXAsia out often and provide the editors with feedback and suggestions that can be sent to feedback@dxasia.info. You can visit DXAsia at www.dxasia.info.

The best way to stay on top of breaking shortwave news and information is with the club's electronic *Flashsheet*. As I have said before, there is no better way of staying on top of the ever-changing DX situation than with the electronic *Flashsheet*. You can participate by sending your latest logs to the electronic *Flashsheet* edited by **Sheryl Paszkiewicz**, spasz@dataplusnet.com or P.O. Box 716 Manitowoc, WI 54221-0152. Each week the electronic *Flashsheet* brings a lot of exciting, late breaking DX news and information to our members. The electronic newsletter is an excellent supplement to the monthly *Journal* for the timely dissemination of DX loggings and breaking news. This is a service that is only available to members. Deadlines are posted in the *NASWA Flashsheet* each week. If you are a current member of the club and want to receive the electronic *NASWA 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.

Remember to please direct all communications about subscriptions, bulletin delivery issues, the use of PayPal as a payment method, etc. to **Bill Oliver** at the club's Levittown address or to his electronic address, weoliver@comcast.net. The regular postal address is the familiar 45 Wildflower Road, Levittown, PA 19057. Inquires sent directly to me in Wyomissing only slow down the process. Thanks!

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

Calendar Of Events

- Apr 16 Meeting. Philadelphia Area NASWA Chapter.** Kulpsville Holiday Inn, Kulpsville, PA at 7:30 PM. For more information contact Dan Cashin at 610-446-7831 or Internet: dcsckp@aol.com.
- Apr 16 Meeting. Boston Area NASWA Chapter.** The Boston Area DXers have found a new location for meetings. Inquiries about the BADXers may be sent to Paul Graveline at 978-470-1971 or Internet: ctcreditor@aol.com. The URL for the BADX guys is <http://www.anarc.org/naswa/badx/>
- May 8 Meeting. The Cincinnati/Dayton Monitoring Exchange (MONIX)** meets at the Lebanon Citizens' National Bank (LCNB), 425 West Central Avenue (Ohio 73), Springboro, Ohio at 7:00 PM. For more information contact Mark Meece at 937-743-8089 or e-mail at <antennapig@siscom.net>. For additional information about MONIX, check out their web site at <<http://www.siscom.net/~mmeece/monix.html>>
- May 12-13, 2004 Conference. AIB Global Media Business Conference.** Association of International Broadcasting will hold its third global media conference 12-13 May 2004 in Prague, Czech Republic bringing together public and commercial international broadcasters. Radio Free Europe/Radio Liberty will host the conference at its Prague central offices. The 2004 Conference will build on the previous AIB conferences tackling the problems and concerns of the international broadcasting industry. Further details to follow.
- Jun 4-6, 2004 AGM and DX Camp.** The Danish Shortwave Club International will hold its **Annual General Meeting (AGM) and DX Camp** at Vejers Brach on 4-6 June 2004. Further details will follow.
- Jul 23-25, 2004 Convention.** The **2004 International Radio Club of America (IRCA)** convention will be held at the Rodeway Inn (115 North Curtis Road, Boise, ID 83706 or 1-800-272-5003) from 23-25 July 2004. Room rates are \$59.95, which includes a continental breakfast. Convention fee is \$25.00 to Frank Aden, 4096 Marcia Place, Boise, ID 83704. E-mail inquires can be sent to IRCA2004@aol.com.
- Aug 2004 Get-together.** The 11th annual **Madison Get-together for DXers and Radio Enthusiasts** will be held on a Saturday in August 2004 beginning at 1:00 PM CDT in Milwaukee, WI. This is an all-band event. Further information will be provided as we get closer to the event.
- Aug 2004 Convention.** The **10th Annual Mexican National DX Meeting** for DXers and radio listeners is scheduled for Veracruz. Further details will be published as received.
- Mar 11-12, 2005 Convention.** The **18th Annual Winter SWL Festival**, sponsored by NASWA, will be held at the *Best Western—The Inn at Towamencin* (Kulpsville to the rest of us), located at Exit 31 on the Northeast Extension of the Pennsylvania Turnpike, on 11th and 12th March 2005. Richard Cuff and John Figliozzi co-chair the organizational committee. It's never too early to begin planning. See you there!
- Members are invited to submit items to be included in this calendar to Rich D'Angelo (Internet: rdangelo3@aol.com) or Ralph Brandi (Internet: ralph@brandi.org).

NASWA

Visit our club home page on the World Wide Web at <http://www.anarc.org/naswa/>

Musings

This column provides a forum where members can express comments, ideas, and thoughts about NASWA or the SW radio hobby. Please feel free to comment on anything presented this month (or previous months). Opinions expressed here are solely those of the submitters. Please submit all Musings to Richard A. D'Angelo, 2216 Burkey Dr., Wyomissing, PA 19610 or via email: rdangelo3@aol.com.

Jim Clar < JCC55883@aol.com >, 41 Vick Place A, Rochester, NY 14607

I have a quick question for you... don't know quite whom else to ask. Do you know of or use any logging software geared toward the SW DXer? I have been looking around on the web but not knowing too much about the topic, I am not sure what's good and what's not so hot. Much of what I have seen is for Hams (in particular). I seem to recall something in *The Journal* about this topic but, in looking over my back issues, I can't find it... if it was even there in the first place. (You know how that goes; you read something, don't pay much attention to it, then, months later, you get interested and can't remember precisely where you saw it.).

Anyway, if you have any information or tips, I would appreciate them. (This also might be a topic for *The Journal* if it has not already been addressed there. As I said, I have been basically out of the hobby for some time).

Thanks in advance for your time. Take care—and good DX. Jim

Bob Fraser, 255 Lincolnville Avenue, Belfast, Maine 04915-7404

At a recent flea market here, I got a book titled *Radio Voice, American broadcasting, 1922-1952* by Michele Hilmes (University of Minnesota, 1997). It seems a college textbook about the politics of programming.

The first sections of the book are of the early days of radio. In 1922, the first Radio Conference was held to determine the future of the new medium. There was even a proposal at this conference for "wired radio" which an engineer stated, "This means that some of our power stations may become broadcasting stations and the wires that heat our toasters and light our lights can bring us the news and music of the world as well."

Sounds a lot like the new proposal to send information over the power lines.

73, Bob

Paul Brouillette, 611 Illinois Street, Geneva, IL 60134

For their quick and friendly responses to my recent request for Indonesian reception report forms, my thanks go out to Bill Oliver, Marlin Field, and especially Sam Barto for his hefty packet of information. These gentlemen really demonstrate the motto of Unity and Friendship.

Looking through some of the information received, I am reminded that Indo DX is not what it was just a couple of decades ago! Well, there are still a few to catch, and a 200-watt station on 120 meters wouldn't have been much of a possibility at my QTH anyway.

Thanks again, guys! Paul

Sheryl Paszkiewicz <spasz@dataplusnet.com>, P.O. Box 716 Manitowoc, WI 54221-0152

I have the cold of the century and even stayed home from work today (unusual for me) but I will attempt to give a review of the antenna I just received. First of all, it retails at \$299.95 and comes with 2 SW elements; one is 3-9 MHz, the other 9-30 (no 120-meter band although medium wave elements are available). It runs off a 12v AC adapter (supplied) or a 9-volt battery. Well I opened up the battery compartment and there isn't a place to connect the battery. Some places charge an extra \$20 for the AC adapter. I got it from Lentini and they did not. The elements are easily interchangeable, just plug into the base like a headphone jack. You do need to have the loop by a window. The unit has a BNC connector, like on a scanner. Well most of us will need a BNC to PL-259 adapter for our SW receiver. I tried Radio Shack with no luck but then got one at the local stereo/electronics store.

I moved a radio into the living room to allow the loop to stand near the window. I did not move the Icom R-8500 but rather the NRD-345. I have not previously used the NRD extensively to DX, probably because it does not have passband. However, the combination of receiver/antenna is very good. The 345 is *quiet*, and the loop makes 90 meters come alive with readable signals. 60 meters hasn't produced a whole lot yet, namely because so many stations are off the air.

I did some comparisons to the Icom with the indoor random wire. During the day the loop made the signal stronger by 1 s-unit. Not a big deal but still better than the wire. However at night the signals are from 1-1/2 to 3 s-units better. I remember when I had the indoor wire at my parents' house. Then I put up an external Eavesdropper brand trap dipole. The signals were 2-3 s-units better, sometimes not even. So I feel the present setup is comparable to my Eavesdropper. BTW, the loop has an amplifier (has to be plugged in). It does not work in conjunction with a wire antenna, just by itself.

South Africa 3320 was there but not readable on the Icom setup. On the loop it was the strongest I've heard it in years and readable when I walked across the room. 3250 Honduras was not even there on the Icom. On the loop it is of fair signal strength.

Yes, I did comparisons on the international bands and that is where I found as much as a 3 s-unit improvement. Canada, which is fluttery here in the evenings, has been quite solid. I also logged 2 stations not heard in ages, 5985 Tanzania and 6015 Zanzibar.

Sunrise DX has not pulled in any PNGs other than 4890 and no Indos but I am sure that is propagation. Vietnam and Thailand have been strong. I also had something on 4820 (Calcutta?) Solomon's on 5020 was so-so. My goal is to hear Palangkaraya on 3325. John Wilkins continues to hear them so I am hopeful. Wisconsin is very tough for Indos though. Even in the 80s with the Eavesdropper, the Indos I heard were quite weak. The only strong signals I have heard in the tropical bands (again in the 80s or 90s) were Gorontalo 3264 and Ambon 4845. As John reported, Makassar has been off and that was my indicator. Now I check 4870 for Sorong/Wamena.

I may hook up the loop to the Drake R8 tonight. I love the Drake but I must say the 345 is even quieter and has good audio.

Back to the dials... Sheryl

Luca Botto Fiora <bottoluca@libero.it>, Via al Carmelo 5/5 - I-16035 Rapallo (Genova), Italy

Thanks to *The Journal*, during last year I followed with a certain interest the saga of the BPL, fortunately (how long?) outside the project coverage areas and reading the most part of the texts concerning the problem I noted that all the protests come from the receiving-transmitting amateur associations and/or SW-MW individual hobbyists. But the AM world is mainly composed by broadcast and utility stations that every day work for journalists, emergencies and other purposes surely more important than our hobby. Why those (professional-commercial) users remain silent about their 'future'? Or the US real tendency is to do as Christian Science Monitor and VOA that are gradually leaving SW? And if the BPL will cover all the States, what thousands of local MW stations will do? In my opinion, that's quite a paradoxical situation.

George J. Poppin Technical Monitor San Francisco, CA

And a great big round of cheers to you lucky members who are attending the Winter SWL Fest at Kulpville. We DXers on the West Coast of North America envy you for we are not that organized but thank Bob Hill for his efforts a few years ago that did not materialize.

For years I have enjoyed hearing about all of the fun and vital DXing information exchanged at this annual gathering of our DXing clan. Thanks for the efforts of Rich Cuff, John Figliozzi, Rich D'Angelo, Bill Oliver and a host of volunteers who pitch in to make the event an annual success.

Wife Dottie and I are well and my 85 years of age do not allow me to be as versatile for travel to the annual Winter SWL Fest in Kulpville and I will miss you. My technical monitoring of several international shortwave radio broadcasters for the past thirty years or so has made many friends in the SW world. Many thanks to the fine writers in *The Journal*, Bill Oliver's excellent management of our DXing association and the fine weekly *Flashsheet* put out by Sheryl Paszkiewicz. Their efforts are deeply appreciated. Yes, dear buddy Joe Hanlon of New Jersey keeps me up to date with his "hot oil" of shortwave information.

It is so reassuring to be a member of one of the finest, greatest and the best DXing organizations in the entire world. Go NASWA. Go!! Bless you.

Cheers. George

Eric Bueneman (N0UIH), 631 Coachway Lane, Hazelwood, MO 63042-1347

I've heard all the hype about DRM (Digital Radio Mondiale), and I'm simply not impressed with any digital radio system that proposes to desecrate the shortwave bands. DRM signals are incompatible with our current receivers, and I think that we, as shortwave listeners, should stop the DRM consortium from desecrating the shortwave bands with hash that sounds like a Cuban "bubble jammer" obliterating Radio Marti. The sound quality of digital radio is very poor; analog radio is far superior. What is needed is to push alternatives to digitizing the shortwave bands, including requiring all shortwave, mediumwave and longwave receivers to include DSP (Digital Signal Processing) circuitry.

There's one digital system that is even worse; it's being pushed by the FCC and the National Association of Broadcasters (NAB). This digital system is called IBOC-DAB, or In-Band, On-Channel Digital Audio Broadcasting. IBOC-DAB is being tried on both MW and FM; the results, so far, have been disastrous. First of all, this system is spectrally inefficient. One MW station in the St. Louis area, KF00 (850 kHz) is testing this system. At my QTH, ten miles from KF00's

transmitter site, the sidebands from the IBOC system used by KFUO wipes out everything from 820 to 870 on a typical receiver (even my hollow-state National NC-60 Special). The sidebands also interfere with the signals of WHB Kansas City, MO (810 kHz), WCBW Highland, IL (880 kHz) and WLS Chicago, IL (890 kHz). The sidebands take up to 80 kHz of spectrum space, while analog only takes up 20 kHz of space. With a typical car radio at close range (one mile from the transmitter site), IBOC-DAB is even more inefficient. At this range, 810 and 890 are wiped out, and 880 suffers from severe interference. On FM, IBOC-DAB can take up over 800 kHz of spectrum space; analog FM takes up less than half the spectrum space of IBOC-DAB. IBOC receivers, like DRM, will be priced out of the range of most consumers; the prices won't go down. The IBOC receivers that have become available are for mobile applications, and cost at least \$900. IBOC's sound quality is very poor; sounding more like an Internet radio station as it's heard via dial-up connection. Analog audio quality also suffers when in "hybrid" mode; the frequency response is worse than analog radio. I am more impressed with AM Stereo and FM Stereo broadcasting; they already produce CD-quality sound. Therefore, the perceived "need" for IBOC-DAB is moot, as there is no market for this failed system. The LW, MW, SW and FM bands are simply not suitable bands for digital radio. As a community, shortwave listeners should also actively fight against the proposed desecration of the MW and FM bands by the technically inferior IBOC system by writing to the FCC, the NAB and the Corporation for Public Broadcasting (CPB), indicating our opposition. For more information on how this system will destroy MW and FM radio, the Virginia Center for the Public Press has a Web site set up at <http://www.digitaldisaster.org/>

I've been listening to shortwave more often in recent years, due to the lack of listenable and tangible programming available on commercial MW and FM stations in the United States. The concentration of radio ownership on corporate conglomerates (such as Clear Channel, Viacom and Cumulus Media) has diminished the number of viewpoints and tangible music formats I can listen to. The U.S. radio industry is slowly becoming more of a corporate-controlled version of radio in the former Soviet Union. I even went as far as to purchase an MFJ-306 shortwave converter for my 1993 Pontiac Bonneville; I've been listening more to RCI, VOA, BBC, Radio Netherlands and WEWN than my local stations. In the case of the latter (WEWN), my local EWTN affiliate, WRYT (1080 kHz) Edwardsville, IL, is daytime-only, while WOLG (95.9 MHz) Carlinville, IL has only a marginal signal into metropolitan St. Louis. It's also sad to hear about programming cuts at the Voice of America; I hope they don't touch the late afternoon (U.S. time) edition of one of my favorite programs, "Africa World Tonight". In addition, I find 15580 kHz Greenville (used in winter) more reliable for VOA English to Africa reception on my car radio than the summer frequency of 15445 kHz (Botswana). I strongly believe that the broadcast industry should be pushing shortwave as an alternative to low-quality programming on MW and FM, especially in the United States.

The FCC should realize that the Cold War is long over, and it's safe to require all radios for mobile and home use (even the best stereo systems) to include the shortwave bands on their radios. They should also realize that digital radio is already a failure on MW and FM; they should look for a separate band (above 1000 MHz, or 1 GHz) for digital audio broadcasting using the proven Eureka 147 system. It's also high time for the FCC and the NAB to de-emphasize excessive profit in their decisions, encourage increased competition, and return radio to being an instrument of community service, regardless of whether it's the local, regional, national or global community. BPL is not the only problem facing shortwave's future; it's also the threat of desecration of the shortwave bands (as well as longwave, mediumwave and FM) by digital radio. We should actively oppose the use of digital radio systems on LW, MW, SW and FM; DRM and IBOC both threaten the integrity of the aforementioned bands.

73 and good DX from Eric (N0UHV)

Richard Hankison <rhankison@planetkc.com>, Kansas

The 2004 Winter SWL Festival has come and gone. Only about 360 days (as of this writing) until the 2005 Winter SWL Festival. Thank you to all the organizers and presenters for another great get together. And thank you Mike Wolfson for once again laying in a quantity of good beer.

If there was a downside to the Fest, it was the prevailing doom and gloom. Another good but bad report from Joe Buch on BPL. A less than enthusiastic report from some of the broadcasters. Add to that a Lunchtime forum on Friday on how to resuscitate our hobby, and it was *deja vu* all over again—"Is Shortwave Dead?"

I drove to the Fest. 1155 miles one way. Two ten-hour days behind the wheel. Plenty of time to consider the question—"Is Shortwave Dead?" Passing out of range of WHY on FM on the road back, I tuned to the BBC World Service and listened until the reports were getting repetitive. Later in the day, I tuned to Radio Polonia, RVI, and Radio Netherlands. I ended day one in eastern Indiana. The next day, I began listening to "the BEEB" west of St. Louis and took it in almost all the way to my home in eastern Kansas.

The truth is, I do not have a shortwave radio in my car. What I was listening to was the World Radio Network and the BBC providing audio over Sirius Digital System. It wasn't shortwave. It was better. That is to say, the audio was better. It was crystal clear. To be sure, a few packets were lost here and there, but it was wonderful.

My two days in the car listening to world broadcasters has answered the question for me. And it has added another, perhaps more important question—"Can You Deal With Change?"

1) Is Shortwave Dead? Not yet, but it is certainly passed its prime and headed into the sunset. Why? Because to those of us who listen to the signals, it is a hobby, while to those putting the signal out it is a business. Business always looks for the most economical way of doing the most. So while there will be some shortwave out there for years to come (to the minority of listeners who do not yet have Internet access or digital radios and from broadcasters who cannot yet afford to make the changes), eventually superior technology and lower costs will win out.

2) Can You Deal With Change? If you cannot, you will likely be bitter and wait for the end of shortwave. You will have less and less to listen to, and it will be harder and harder to hear. It may take ten years, but ultimately it will happen.

But wait, there is hope. You've dealt with change before. You've moved beyond tube radios with sliderule dials to solid state and DSP. Throughout those changes shortwave got better even though stations and broadcasts changed—often for the worse—or even disappeared for good. And while the BBC no longer broadcasts to North America and CBC no longer produces its own material, improved transmitters and receivers and relay agreements made it easier to hear most every broadcaster that is still out there to be heard.

Now comes a sea change. Can you follow broadcasting as it morphs out of shortwave into alternative mediums? If you can, I feel certain that you will enjoy what you have enjoyed for years for years to come. Internet streaming will only get better—and cheaper. Ditto Digital Broadcasting.

And if these methods do not pan out it will be because the broadcasters will find newer, better and cheaper ways to do their jobs, because to them it isn't our hobby; it is their business.

Rich

Dario Monferini <dario.monferini@tin.it>, Via Davanzati 8, π-20158 Milano, Italy

I am in Nicolosi town, 700 meters on the hills down from Volcano Etna. The Volcano has a very large area naturally not active now, but many times active from 1693 year (the destruction of old Catania till the sea). My local area friend Serginho Nuzzi has a nice villa of his grandfather in the area. You can see the Mediterranean coast, open to Southeast. We had yet 2 night sessions, with good signals from AM and SW stations. Not FM TROPO conditions till now, unfortunately it is early for FM tropo season, in the Mediterranean it starts after mid April. The postcard I sent to you is last year's imagine during summer great Etna activity. We utilize for DXing an Icom R-71 receiver with Dipole 30 meters and external wire of 60 meters: 1386 kHz Kenya booming for 2 hours *0200-0400 in English; 1350 kHz Abkhaz Radio with local id *0200; 4750 kHz Radio Peace, Sudan all night. Nice to know about Winter Fest 2004 surely I will look at the photos on the web.

73, Dario

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

It was great seeing everyone at the club sponsored Winter SWL Festival in Kulpsville last month. It was another great gathering that was well attended and a good time was had by all... or at least by me! I think the big highlight was the introduction by Mike Wolfson of the Company Store of tee shirts, sweatshirts, coffee mugs and beer mugs (do DXers really utilize these at convention gatherings?). These items proved to be very popular. Thanks to Mike for the effort he put into making the arrangements for these items.

Although there is always a year to plan for it, the Winter SWL Festival manages to sneak up on me the last minute. Before you know it, the event is over and the planning begins for another round. A great time was had by all at the NASWA sponsored 17th annual Winter SWL Festival co-hosted by Messrs. Cuff and Figliozzi. Thanks to them and their superb supporting cast, this is North America's premier event for the radio listening hobby. As has become the custom over the years, the celebrations began early and ended late with about 220 hobbyists enjoying the weekend. As usual, the stories will be legendary and some may even be true.

Congratulations to Joe Buch who was named the club's Member of the Year for his outstanding contributions in the broadband over power line issues before the Federal Communications Industry. The Association of North American Radio Clubs (ANARC) also recognized Joe for his BPL work. Joe's efforts in these areas on behalf of all shortwave listeners is outstanding. Being recognized as the recipient of both the William P. Eddings (NASWA) and Don Jensen Distinguished Service (ANARC) awards signifies the importance of Joe's contributions in the BPL environment. Congratulations to Joe for all his hard work and we need him to continue representing all off us on the BPL issue.

73, Rich

FRENDX: Twenty Five Years Ago (April 1979)

Roll Call featured the names of 108 new and rejoining members. Former publisher Alan Mayer was considering forming a SWBC DX information net on amateur radio. In the *Shortwave Center*, Rob Harrington wrote a user report on the DX-300 while David Snyder wrote about propagation and Chuck Rippel wrote about Delta Loop antennas. A series of FRG-7000 articles, reviews and modifications appeared written by Ken Duke, Ed Insinger and Harry Hartsell. Also in *Shortwave Center* was an article about Solar Eclipses by Robert Fraser and an article about Radio Clube de Pernabuco and Radio Jornal do Comercio by Ron Howard. Sam Barto noted that 105 radio countries were reported to the *QSL Report*. Sam began the Handicapped Aid Program (HAP) auctions as part of the column.

The 17th Annual Winter SWL Festival

Kulpsville's Contribution to World Peace

By Richard A. D'Angelo

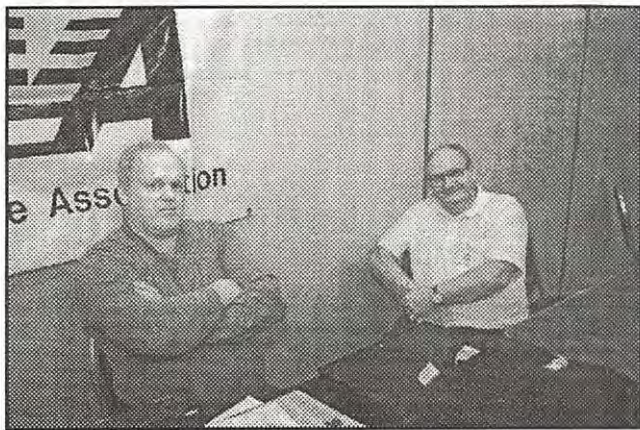
The seventeenth annual Winter Shortwave Listeners Festival that was held on 12-13 March 2004 in beautiful, historic Kulpsville, Pennsylvania is now history. Once again, the finest in the radio listening hobby and a few others descended upon this tiny enclave for a weekend of renewing friendships, attending forums, browsing displays, socializing, good food and other educational pursuits, i.e., the hospitality room run by Mike Wolfson. This year saw about 220 radio folk gather at the Best Western for the 16th consecutive time. The initial event was held at the beautiful and historic Pink and Purple Room at the Fiesta Motor Inn, the birthplace of the infamous shortwave pirate, Pancho Villa. There will be more about the return of Pancho later.

Congratulations and thanks are in order for Rich Cuff and John Figliozzi who head the effort and all the wonderful people that volunteer to support this terrific annual gathering. Without this excellent cast of



Skip Arey fills out his raffle tickets.

characters unselfishly volunteering their time, there would be no Winter SWL Festival. And, without a Winter SWL Festival, what would we do each March?



Bill Oliver (right) welcomes visitors to the NASWA booth, and Ed Mauger shakes them down..

As usual, the crowd gathers early. Some arrive on Wednesday because Thursday is a serious workday at the Winter SWL Festival. There is a lot of behind the scenes setting up that needs to be in place for the weekend. Antennas and cables are run in multiple directions snaking through the innards of the hotel into the Stockholm Room. Ed Mauger provides the bulk of the labor making this happen. It is here that all the club display tables are set up as well



Janice Laws at the Pirate Forum.

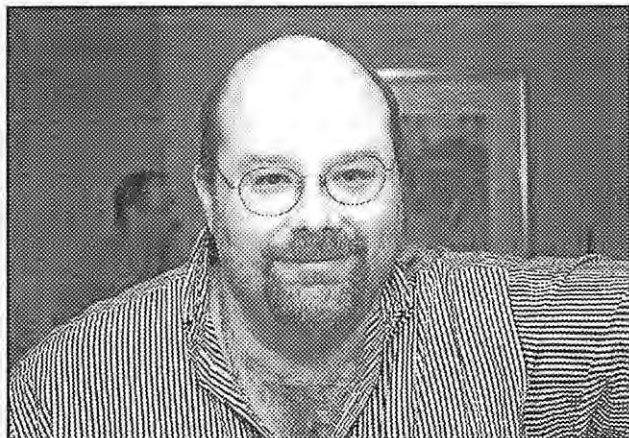
as the various demonstrations such as DRM (Kim Elliott and Mark Fine) and satellite television (Tracy Wood). Broadcasters also set up in this room providing schedules and other information.

I arrived mid-morning on Friday to find the program in high gear with lots of activity centered around the club tables. I renewed countless acquaintances and made some new friends, which is standard fare at the Winter SWL Festival. Harold Cones, who missed the last three fests for a variety of reasons, noted that upon arriving Thursday he saw many of the same familiar faces doing many of the same familiar things as if he never missed an event. It takes only about ten minutes for newcomers to get acclimated to the environment. This is a user-friendly experience where friendships that last a lifetime are made and renewed each year.

Friday's festivities opened with registration at 0730. I missed that by a good three hours! After brief opening remarks by Festmeisters Cuff and Figlioizzi the day's events began. There was a continuous Digital Radio Mondiale demonstration coordinated by Kim Elliott of the Voice of America that ran all day. Satellite TV and amateur radio special event demonstrations, National Association of Shortwave Broadcasters (NASB), vendor tables and club displays filled the Stockholm Room both days.

The Friday morning forums consisted of Digital Broadcasting hosted by Mark Phillips, Pirates of the Towanmencin with George Zeller, and Private Shortwave Broadcasting in the US by Jeff White. After lunch Uncle Skip Arey and Eric Cotrell discussed Trunking and Scanning, Joe Buch brought everyone up-to-date on Broadband Over Powerline, and Tracy Wood closed the afternoon with Satellite DXing.

After dinner the infamous Swap Meet was held in the Stockholm Room where anything radio related, and a few things that weren't, were traded. Richard Magdy, Skip Arey and the VE Teams conducted Amateur Radio Licensing Exams in the evening. The Friday late night forums made an encore appearance with Gary Thorburn conducting The Medium Waves, Kevin Carey doing Longwave Radio: Rumblyings in the Basement and David Goren and Myke Weiskopf with the Listening Lounge. This latter session



Ulis Fleming

was rather informal and went from 2100 to past 0200! A Fest record!! Once again, the Friday evening forums proved to be quite popular.

The first day also saw Mike Wolfson debut an impressive line of Company Store goodies. There were tee shirts, sweatshirts, coffee mugs and beer mugs (imagine selling beer mugs at a gathering such as this event). Sales were brisk during the weekend.

Those who missed a buying opportunity at the Winter SWL Festival will be able to make purchases through mail order. Keep watching the Company Store column for ordering information.

For those that survived the previous late night, Alan Johnson led an all star panel consisting of George Zeller, Ben Hester and Dan Robinson discussing Classic Receivers.



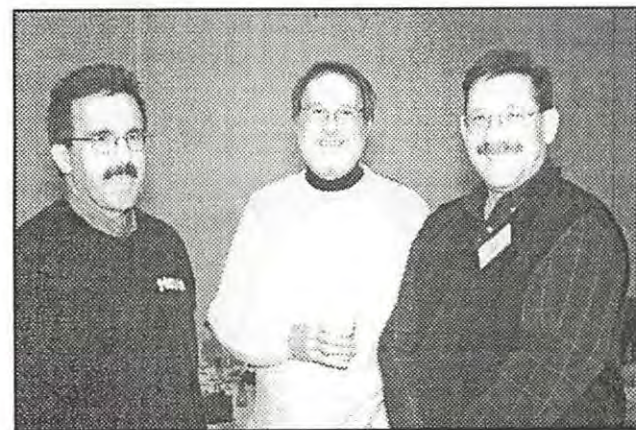
Dan Robinson and Tom Sundstrom compare cameras.

hosted a Broadcasters' Forum with Alan Heil, author of the book "Voice of America: A History", making a brief presentation.

Lunch was another outstanding pizza buffet where shortwave listeners showed their agility in consuming pizza, eating extraordinary desserts while avoiding the salad bowl. The afternoon began with a review of fifteen years of research about Zenith Radio

by Harold Cones. The last session was about Short Space Antennas which was conducted by Greg Majewski. Greg's session concluded the last of the formal forums, which once again were well received by all in attendance. Another superb job of planning by the program committee.

There was some free time for socializing and private organizational meetings. At the Association of North American Radio Clubs (ANARC),

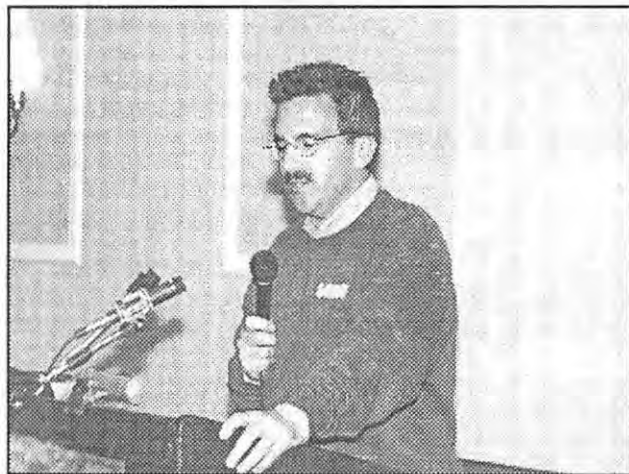


Rich D'Angelo, Harold Cones, and Kris Field.

After that session, the Silent Auction began where junk is given a new home and \$600 was raised for a relief charity that will be specified by the NASB. Alan Johnson, Kris Field and Harold Cones gladly collected the money at the end of the day. Kim Elliott

our representative to the Board of Directors, Harold Cones, was elected Chairman of the Board for 2004 replacing a retiring Mark Meece. Congratulations to Harold and thanks to Mark for his many years of dedicated service to the hobby.

The evening activities began with the opening of the cash bar. I couldn't imagine a better way to commence an evening unless someone was picking up the tab. The Master of Ceremonies for the banquet was Dr. Harold Cones returning after a three-year absence. Long time member Gerry Kerscher provided the poetry for the evening and Jeff White provided some remarks after dinner about shortwave broadcasting.



Rich D'Angelo announces the Don Jensen and William P. Eddings Awards, both of which went to Joe Buch.

I had the pleasure of announcing at the Saturday evening banquet that Joe Buch won the 2004 Don Jensen Distinguished Service Award issued by ANARC and the 2004 William P. Eddings Award as the NASWA Member of the Year. Joe's outstanding contributions to the hobby over a period of years plus his leadership and technical expertise in battling the broadband over power lines issue made his a natural choice for both organizations. Of course, Joe had other plans for Saturday evenings, another party in another state, so the awards now sit in my shack. They look good there!

The raffle winners were numerous. Once again Maryanne Kehoe managed to squeeze a lot of dollars out of the attendees enabling the Feistmeisters to offer a wide array of equipment, books and all sorts of radio related gismos. Anyone need a map of Deutschland? The big prizes winners were Rob de Santos, a Drake R-8B; Tracy Wood, Sirius home & car receiver & subscription; and Bob Crain, Sony SW-07. People sitting at the Scanner Scum table won three of the five big radio prizes! However, there was no shortage of books, pens, calendars, keychains, subscriptions, shirts, and other stuff. Many of the same familiar faces took home many of the same familiar prizes. Dr. DX handled the raffle draw with prize elves Alan Johnson, Rich Cuff and John Figliozzi helping the process to keep things moving. The grand prize ended matters at 11:15 PM giving folks just enough time to toss down a cold brew before Pancho Villa's midnight ride.

The Winter SWL Festival gets a lot of cooperation from numerous contributors:



Mark Fine.

manufacturers, individuals and suppliers. Among the supporters were Universal Radio, Radios4You.com, Grove Enterprises, C. Crane Company, WINRADIO Communica-

of future productions bringing the Pink and Purple Room experience back into the mix. Nobody can do that better than the original recipe Pancho himself.



Jim Strader and Saul Broudy enjoy one of the forums.

The illustrations used in this article were furnished by Ralph Brandi and his digital camera. Last year I took a roll of film the old fashioned way and had to deal with developing and mailing finished pictures, etc. This digital stuff does have some practical uses. Besides Ralph, there were an army of digital photographers in attendance, another interesting trend in recent years. Anyway, special thanks to Ralph!

tions, The Shortwave Store, CIDX and Radio HF, Tiare Publications, and Ten-Tec, Inc. When it comes time to buy hobby equipment and supplies, remember the folks who remember us, the Winter SWL Festival.

Pancho Villa is a Winter SWL Festival legend and, of course, a tradition. Unfortunately, in recent years Mr. Villa has been under the weather and the program suffered. Some speculate that an imposter took his place degrading the complete Pancho Process. I don't know who this imposter was but it was good to have the genuine article back in circulation. Pancho seems to have fully recovered from whatever kept him away although he appears to have lost total production control over the script and production environment. Nevertheless, Pancho seemed much like his good old jolly self. I suspect we will see Pancho exercising greater control

Another Winter SWL Festival is in the history books. I'm not aware of any arrests and only one EMS call. Some speculated that the EMS call was so the Scanner Scum would have something interesting to listen to during the banquet. The 18th Winter SWL Festival is scheduled for March 11-12, 2005 at the usual location, featuring the usual cast of characters, having the usual great time. I look forward to seeing everyone there once again.




Kim Andrew Elliott.

Easy Listening

Richard D. Cuff • 42 North 37th Street • Allentown, PA 18104 • rdcuff@mochamail.com

Editor's Note

Easy Listening columnist Rich Cuff has been swamped at work catching up in the wake of the Winter SWL Fest and is unable to con-

tribute his usual column this month. In lieu of the regular column, we present the program and frequency schedules of the Voice of America for the new broadcast season, provided by Kim Andrew Elliott. 

This schedule updates information in the November 03-April 04 VOA Program Guide. All schedules are effective 28 March through 30 October 2004 (A-04).

Voice Of America English Broadcasts To The Middle East And North Africa			
Morning Transmission 0300-0500 UTC (New Time)			
Sunday	Monday-Friday	Saturday	MW & SW Frequencies kHz
0300 News and Reports 0323 Sports 0330 News Headlines 0333 Encounter	0300 News and Reports 0323 Sports 0330 News Headlines	0300 News and Reports 0323 Sports 0330 News Headlines 0333 Our World 0355 Editorial	9620 11695 (subject to change)
0400 News and Inter-views 0423 Sports 0430 News Headlines 0433 Main Street 0455 Editorial	0400 News and Inter-views 0415 Focus 0423 Sports 0430 News Headlines 0433 Coast to Coast	0400 News and Inter-views 0418 Point of View 0423 Sports 0430 News Headlines 0433 Main Street	9530 11965 15255
Evening Transmission 1600-2100 UTC			
Sunday	Monday-Friday	Saturday	MW & SW Frequencies kHz
1600 News and Inter-views 1623 Sports 1630 News Headlines 1633 Main Street 1655 Editorial	1600 News and Reports 1615 Focus 1623 Sports 1630 News Headlines 1633 Coast to Coast	1600 News and Inter-views 1618 Point of View 1623 Sports 1630 News Headlines 1633 Main Street	9700 15205 15255
1700 News and Inter-views 1718 Point of View 1723 Sports 1730 News Headlines 1733 Issues in the News	1700 News 1706 Talk To America 1755 Mon, Fri: Editorial Tues-Thurs: Opin- ion Roundup	1700 News and Inter-views 1723 Sports 1730 News Headlines 1733 Press Conference USA	6040 9700 9760 15255

1800 News and Reports 1823 Sports 1830 News Headlines 1833 On The Line 1855 Editorial	1800 News and Inter-views 1815 New American Voices 1823 Sports 1830 News Headlines 1833 Business News 1844 Opinion Roundup 1847 Dateline 1855 Editorial	1800 News and Reports 1823 Sports 1830 News Headlines 1833 On The Line 1855 Editorial	6040 9760 9770
1900 News and Inter-views 1923 Sports 1930 News Headlines 1933 Issues in the News	1900 News 1906 Border Crossings 1933 Fri: VOA News Review	1900 News and Inter-views 1923 Sports 1930 News Headlines 1933 Press Conference IJSA	6040 9760 9770
2000 News and Inter-views 2023 Sports 2030 News Headlines 2033 Encounter	2000 News and Reports 2015 Focus 2023 Sports 2030 News Headlines 2033 Business News 2044 Opinion Roundup 2047 Dateline 2055 Editorial	2000 News and Inter-views 2018 Point of View 2023 Sports 2030 News Headlines 2033 On the Line 2055 Editorial	6040 6095 9760 9770
2100-2200: See Africa schedule for programs			To Central Europe: 1188
2330-0030 and 0100-0200: See East Asia schedule for programs			To Persian Gulf region: 1593
<p>Medium wave: 792 kHz to southeastern Europe, 1188 and 1197 kHz to central Europe, 1593 kHz to the Persian Gulf region.</p> <p>Some VOA News Now shortwave frequencies to Africa and South Asia may be audible.</p> <p>VOA News Now and Music Mix are available 24 hours in Kuwait on 96.9 MHz FM.</p> <p>VOA News Now is available on Eutelsat Hotbird 3, 13°E, 12.226 GHz, FEC ¾, symbol rate 12.8 MS/s; see http://www.voa.gov/afl/pdf/hotbird.pdf</p>			

Voice Of America English Broadcasts To The Americas

VOA News Now will no longer be transmitted to the Americas after March 28, 2004. However, VOA Special English will continue to the Americas Monday through Friday evenings (UTC Tuesday through Saturday) at 0030-0100 UTC. Listeners in the Americas may also be able to hear VOA English transmissions to Africa on some frequencies.

Sunday (UTC Monday)	Monday-Friday (UTC Tues-Saturday)	Saturday (UTC Sunday)	SW Freqs kHz
No transmission	0130 Special English News and Features	No transmission	7405 9775 13740

Voice Of America English Broadcasts To Africa

Programs in shaded cells are produced by the VOA English-to-Africa Service

Morning Transmission 0300-0630 UTC

Sunday	Monday-Friday	Saturday	MW & SW Frequencies kHz
No transmission	0300 Daybreak Africa	No Transmission	909 1530 6080 7105 7290 7340 9885 12080 17895
	0330 News Headlines 0333 Business News 0344 Opinion Roundup 0347 Dateline 0355 Editorial		909 1530 6080 7105 7290 9885 12080 17895
	0400 News and Inter-views 0415 Focus 0423 Sports		909 1530 4960 6080 7290 9575 9885 11835 12080 17895
	0430 Daybreak Africa		909 4960 6080 7290 9575 11835 12080 17895
	0500 News and Inter-views 0523 Sports 0530 News Headlines 0533 Business News 0544 Opinion Roundup 0547 Dateline 0555 Editorial		909 6035 6080 7290 9575 11835 12080 17895
0600 News and Inter-views 0623 Sports	0600 Daybreak Africa	0600 News and Inter-views 0618 Point of View 0623 Sports	Monday-Friday on 990 1530 6035 6080 6180 7290 12080 Sat-Sun on 6080 7290 only
0630 News Headlines 0633 Main Street	0630 News Headlines 0633 Coast to Coast	0630 News Headlines 0633 Main Street	6080 7290

Evening Transmission 1600-2200 UTC

Sunday	Monday-Friday	Saturday	MW & SW Frequencies kHz
1600 Nightline Africa	1600 News and Reports 1615 Focus 1623 Sports	1600 Nightline Africa	909 1530 9850 15225 15410 15580
	1630 Africa World Tonight		

1700 Reporters' Roundtable 1730 Music Time in Africa	1700 News 1706 Talk to America 1755 Mon, Fri: Editorial Tues-Thurs: Opinion Roundup	1700 News and Interviews 1723 Sports 1730 News Headlines 1733 Press Conference USA	9850 15410 15580
	1730 Studio 7 (for Zimbabwe) (on 909 11975 17895 kHz)		
1800 News and Reports 1823 Sports 1830 News Headlines 1833 On The Line 1855 Editorial	1800 Africa World Tonight 1830 Wed: Straight Talk Africa	1800 News and Reports 1823 Sports 1830 News Headlines 1833 On The Line 1855 Editorial	909 9850 11975 15410 15580 17895
1900 News and Interviews 1923 Sports	1900 News 1906 Border Crossings 1900 Tues: Housecall 1900 Wed: Straight Talk Africa	1900 Hip Hop Connection	909 4950 9850 11975 13670 15410 15445 15580 17895
1930 Music Time in Africa	1930 World of Music	1930 News Headlines 1933 Press Conference USA	
2000 Nightline Africa	2000 Africa World Tonight	2000 Nightline Africa	2000-2030: 909 1530 4950 9850 11855 11975 13670 15410 15445 17745
			2030-2100: 909 1530 9850 11975 13670 15410 15445 17745 and Sat-Sun only on 4950
2100 News 2106 Jazz America	2100 News 2106 Mon: American Gold Tues: Roots & Branches Wed: Classic Rock Thurs: Top 20 Fri: Country Hits	2100 News 2106 Jazz America	909 1530 11975 13670 15410 15445

Voice Of America English Broadcasts To East And Southeast Asia			
Morning Transmission 2200-0100 UTC			
Sunday	Monday-Friday	Saturday	MW & SW Frequencies kHz
2200 News and Interviews 2223 Sports	2200 News and Reports 2215 Close of Business	2200 News and Reports 2223 Sports	7215 15185 15290 15305 17740 17820

2230 News Headlines 2233 Main Street	2230 News Headlines 2233 Coast to Coast	2230 News Headlines 2233 Main Street 2255 Editorial	7215 15185 15290 15305 17740 17820 and Sat-Sun local time on 1575 kHz MW to SEAsia
2300 News and Inter- views 2318 Point of View 2323 Sports 2330 News Headlines 2333 On the Line 2355 Editorial	2300 News and Reports 2323 Sports 2330 News Headlines 2333 Business News 2344 Opinion Roundup 2347 Dateline	2300 News and Inter- views 2323 Sports 2330 News Headlines 2333 Our World 2355 Editorial	7215 15185 15290 15305 17740 17820 and Sat-Sun local time on 1575 kHz MW to SEAsia
0000 News and Inter- views 0023 Sports	0000 News and Inter- views 0023 Sports	0000 News and Reports 0018 Point of View 0023 Sports	1575 7215 15185 15290 17820
0030 Special English News and Features	0030 Special English News and Features	0030 Special English News and Features	1575 1593 7215 9770 11760 15185 15290 17740 17820
0100-0300: See programs and frequencies to South Asia			
Evening Transmission 1200-1500 UTC			
Sunday	Monday-Friday	Saturday	MW & SW Frequencies kHz
1200 News and Inter- views 1218 Point of View 1223 Sports	1200 News and Reports 1215 Focus 1223 Sports	1200 News and Inter- views 1218 Point of View 1223 Sports	1143 6160 9645 9760 15240
1230 News Headlines 1233 Main Street 1255 Editorial	1230 News Headlines 1233 Coast to Coast	1230 News Headlines 1233 Main Street	6160 9645 9760 15240
1300 News and Inter- views 1318 Point of View 1323 Sports 1330 News Headlines 1333 On the Line 1355 Editorial	1300 News and Reports 1323 Sports 1330 News Headlines 1333 Business News 1344 Opinion Roundup 1347 Dateline	1300 News and Inter- views 1323 Sports 1330 News Headlines 1333 On the Line 1355 Editorial	9645 9760
1400 News 1406 Jazz America	1400 News and Reports 1415 Focus 1423 Sports 1430 News Headlines 1433 Mon: Encounter Tues: Press Conf USA Wed: Talk to America Again Thurs: Talking History Fri: Sports Talk 1455 Wed, Fri: Editorial	1400 News 1406 Jazz America	6160 7125 9760 15160 15425

1500 News and Interviews 1523 Sports 1530 News Headlines 1533 Encounter	1500 News and Reports 1515 Mon: New American Voices 1523 Sports 1530 News Headlines 1533 Business News 1544 Dateline 1555 Editorial	1500 News and Interviews 1523 Sports 1530 News Headlines 1533 On the Line 1555 Editorial	7125
1600 News and Interviews 1623 Sports 1630 News Headlines 1633 Main Street 1655 Editorial	1600 News and Reports 1615 Focus 1623 Sports 1630 News Headlines 1633 Coast to Coast	1600 News and Interviews 1618 Point of View 1623 Sports 1630 News Headlines 1633 Main Street	1143 6160 7125 9760
1700 News and Interviews 1718 Point of View 1723 Sports 1730 News Headlines 1733 Issues in the News	1700 News 1706 Talk To America 1755 Mon, Fri: Editorial Tues-Thurs: Opinion Roundup	1700 News and Interviews 1723 Sports 1730 News Headlines 1733 Press Conference USA	6160 7125 9640 And Monday through Friday only on 1143 and 1575 kHz MW to Southeast Asia
Medium wave: 1143 and 1575 kHz to southeastern Asia. All other frequencies are shortwave.			

Voice Of America English Broadcasts To South Asia			
Morning Transmission 0100-0300 UTC			
Sunday	Monday-Friday	Saturday	MW & SW Frequencies kHz
2200-0100: See programs and frequencies to East and Southeast Asia			
0100 News and Reports 0123 Sports 0130 News Headlines 0133 Issues in the News	0100 News and Reports 0123 Sports 0130 News Headlines 0133 Business News 0144 Dateline 0155 Editorial	0100 News and Interviews 0123 Sports 0130 News Headlines 0133 Our World 0155 Editorial	7115 9885 11705 11725
No transmission	0200 News 0206 Mon: American Gold Tues: Roots & Branches Wed: Classic Rock Thurs: Top 20 Fri: Country Hits	No transmission	7115 9885 11705 11725

Evening Transmission 1200–1800 UTC			
1200 News and Interviews 1218 Point of View 1223 Sports 1230 News Headlines 1233 Main Street 1255 Editorial	1200 News and Reports 1215 Focus 1223 Sports 1230 News Headlines 1233 Coast to Coast 1255 Opinion Roundup	1200 News and Interviews 1218 Point of View 1223 Sports 1230 News Headlines 1233 Main Street	6160 9645 9760 15240
1300 News and Interviews 1318 Point of View 1323 Sports 1330 News Headlines 1333 On the Line 1355 Editorial	1300 News and Reports 1323 Sports 1330 News Headlines 1333 Business News 1344 Opinion Roundup 1347 Dateline	1300 News and Interviews 1323 Sports 1330 News Headlines 1333 On the Line 1355 Editorial	9645 9760
1400 News 1406 Jazz America	1400 News and Reports 1415 Focus 1423 Sports 1430 News Headlines 1433 Mon: Encounter Tues: Press Conf USA Wed: Talk to America Again Thurs: Talking History Fri: Sports Talk 1455 Wed, Fri: Editorial	1400 News 1406 Jazz America	6160 7125 9760 15160 15425
1500 News and Interviews 1523 Sports 1530 News Headlines 1533 Encounter	1500 News and Reports 1515 (Mon) New American Voices 1523 Sports 1530 News Headlines 1533 Business News 1544 Datelines 1555 Editorial	1500 News and Interviews 1523 Sports 1530 News Headlines 1533 On the Line 1555 Editorial	7125
1600 News and Interviews 1623 Sports 1630 News Headlines 1633 Main Street 1655 Editorial	1600 News and Reports 1615 Focus 1623 Sports 1630 News Headlines 1633 Coast to Coast	1600 News and Interviews 1618 Point of View 1623 Sports 1630 News Headlines 1633 Main Street	6160 7125 9760
1700 News and Interviews 1718 Point of View 1723 Sports 1730 News Headlines 1733 Issues in the News	1700 News 1706 Talk To America 1755 Mon, Fri: Editorial Tues-Thurs: Opinion Roundup	1700 News and Interviews 1723 Sports 1730 News Headlines 1733 Press Conference USA	6160 7125 9640 And Monday through Friday only on 1575 kHz MW to Bangladesh and eastern India

Medium wave: 1575 kHz to Bangladesh and eastern India. All other frequencies are shortwave.

Shortwave Center

Jerry Lineback • 506 South Lawrence Avenue • Scranton, KS 66537 • jalinebk@satelephone.com

News From The Herald Broadcast Syndicate The Christian Science Publishing Society Announces Plans To Discontinue Shortwave Broadcasts From WSHB

FOR IMMEDIATE RELEASE

Wednesday, February 25, 2004

CONTACT: Ethel Baker

Manager, Public Communications

617-450-3082

The Christian Science Publishing Society today announced the decision to discontinue broadcasts from its shortwave station, WSHB, South Carolina, while it plans new activities to make the ideas in Mary Baker Eddy's landmark work on spirituality and healing, *Science and Health with Key to the Scriptures*, more available and accessible worldwide.

"Over the last few months, we've reviewed and reassessed many of our activities here with the goal of finding the most effective ways of connecting with spiritual seekers everywhere," said Catherine Aitken-Smith, Broadcast Director of Broadcast and Multimedia Services for The First Church of Christ, Scientist, in Boston, Massachusetts, which owns both the Publishing Society and the Herald Broadcasting Syndicate.

"WSHB has been a very effective communications tool, and we're deeply grateful to its staff for their dedicated professionalism," she added, "but it's become clear to us that we don't need to actually own broadcast facilities in order to distribute programs."

Aitken-Smith said the Publishing Society and the Herald Broadcasting Syndicate are investigating several distribution solutions and technologies that, in combination, will help the Society "reach people wherever they are, reliably, and at a reasonable cost."

During this planning period, many of the Society's broadcast activities will continue: *Herald* programs will be heard throughout Europe, Africa, and South America on local radio, where the programs are supported by local funding sources. Listeners with access to the Internet are also invited to log on to where they will find...

§ A selection of programs of *The Herald of Christian Science* in French, German, Portuguese, Russian, Spanish, and other languages. (audio)

§ *The Christian Science Sentinel*-Radio Edition in English (audio)

§ The Sunday Church Service from The Mother Church in English and, beginning in June, 2004, Spanish. (audio)

§ The Weekly Bible Lesson in English (audio and video)

The Church also sponsors—an online community where anyone can search the text of *Science and Health*, and participate in discussions and Webcast events. And the Publishing Society hosts , which publishes a daily column about Christian Science. Listeners are invited to send questions and comments to or The First Church of Christ, Scientist, PO Box 1524, Boston, MA, 02117-1524, USA.

The Publishing Society initiated its shortwave broadcasts from WSHB in March of 1989. The last program to air from WSHB will be the Sunday Church Service on February 29, 2004.

WSHB's owner, the Herald Broadcasting Syndicate, has put the station up for sale. The Christian Science Board of Directors, the governing body of The First Church of Christ, Scientist, Boston, Massachusetts, created the Syndicate in 1985. Mary Baker Eddy, the Church's founder, established The Christian Science Publishing Society

in 1898. The Society publishes religious magazines in 12 languages as well as *The Christian Science Monitor*, an international daily newspaper.

(The foregoing announcement is via C. Ed Evans, WSHB Station Manager. If religious broadcasters bail out of shortwave...? Ye editor.)

DXers Brought Hope to Thousands

Amazing War Effort by a Small Group

By Jack Fox (ZL4ND), Patron New Zealand Radio DX League (Reprinted from New Zealand DX Times, February 2003)

There can be few, if any, radio clubs in the world to claim a record like the New Zealand Radio DX League, formerly the New Zealand DX Club, that has the distinction of taking part in monitoring radio station involving three wars in 23 years. The DX members brought hope to thousands of people in many countries who poured their gratitude and praise on a group of radio listeners who gave many hours listening to enemy shortwave broadcasting stations.

It all began early in 1941, when, as president of the Otago branch, I was called to the radio inspector's office in Dunedin to meet two men who questioned me closely about my hobby and what I listened to. What followed set the pattern for an important role DXers were to play during World War II in the next four years and the ones to follow during the Korean and Vietnam Wars. The two men were from the Security Intelligence Bureau (now Security Intelligence Service) who asked me to set up a system to monitor enemy shortwave broadcasting stations. The assignment was to report on any item broadcast about New Zealand and New Zealanders. Through this the bureau was able to trace the source of the items and whether there was any leakage from New Zealand other than by official means.

An interesting point arose out of this meeting when I mentioned that Radio Tokyo (NHK) was sending out questionnaires with verifications asking for information such as where the nearest telegraph office,

transformers, tram lines, nearest railway station, distance from the sea and many other vital details. They were greatly interested and it looked as if the Japanese were collecting about countries they were soon to be at war with. I was able to supply some of these forms.

A team of Otago members including Arthur Cushen, of Invercargill, was set up to carry out the monitoring. Little did they and other DXers who undertook this task, realize what it would lead to in the remaining war years and the ones that followed. At this stage Germany and Italy were the countries with which New Zealand was at war. It meant monitoring the shortwave stations in these countries and expanded to enemy operated stations that had been captured.

When I entered the New Zealand Army later that year, Arthur took over the DX control, and I recall taking an old battery power Gulbransen Radio to various camps in the South Island. Fortunately, being in a Divisional Signals Unit, I had special permission to carry out monitoring when duties permitted. Radios used by DXers were ordinary domestic ones, mainly mantle ones, and the aerials were simple dipoles. I transferred to the Royal New Zealand Air Force in 1943 and was able to continue monitoring in the South Pacific. When Japan entered the war in December, 1941, it brought more monitoring of stations in the Far East, perhaps the station in Batavia, Dutch East Indies (PLP 11.000 MHz) was the strongest.

While the enemy had files on New Zealand, much of their news was propaganda and exaggerated. They concentrated on the

fighting in the Middle East and Italy and related to the 2nd Division New Zealand Expeditionary Force, sinking of warships and other naval engagements, and shooting down of planes with New Zealand crews.

Some idea of what was monitored by New Zealand DXers is outlined by Arthur Cushen in a supplement, "Secrets of Wartime Listening to Enemy Broadcasts," to his *Radio Listeners Guide* in 1990. He obtained the clearance of classified information from the Attorney General Right Hon. David Lange. It tells many interesting things that were broadcast by enemy stations. Now, so many years later, it must seem strange to the modern generation.

Japan entered the war on December 7, 1941, and New Zealand was drawn closer to the likelihood of an invasion. In March 1942, Berlin was broadcasting that the last bastion in the South Pacific, Australia and New Zealand, and if Australia fell, there was no hope for New Zealand as the Japanese moved quickly south through the Pacific.

Prisoners Messages of Cheer

Listening to enemy shortwave stations resulted in what was to become the greatest operation by DXers that brought hope to thousands of anxious families back home in New Zealand, Australia, and England. It was to earn the DX Club its greatest accolade through the work of the *Prisoner of War Monitoring Service* that resulted in an estimated 6000 messages being handled.

It began when those monitoring the enemy shortwave broadcasts began picking up names and later messages from Australian and New Zealand servicemen and civilians who were prisoners of war.

Initially DXers began picking up and sending messages to next-of-kin. I recall meeting one of my old work mates on leave at a service club in Christchurch and asked how his father was doing to be told he was missing in action. I knew he was a prisoner of war in Germany as I had heard a message some weeks earlier and decided to tell him

the news. Arthur had a similar case and it was realized that official work was slow. The result was the establishment of the *Prisoner of War Monitoring Service*. Arthur became the central point for pooling reports from members throughout the country. Reception varied throughout the country and a vital word in the address maybe heard by one listener and not another.

Equipment in those days was usually household radios, there were no tape recorders, and it was a case of get it right on the first and often the only time it was broadcast. At the height of the monitoring service signals were being checked from Berlin, Rome, Warsaw, Tokyo, Shanghai, Peking, Bangkok, Penang, Singapore, Manila, and Batavia.

As the war impetus increased and more members were called into the services, it fell in the main to Arthur Cushen and a few more that were not in the armed forces. While in the Army, and later RNZAF Signals, I was able to assist with monitoring from various locations in New Zealand and the South Pacific. The benefit of the latter location was shown in a letter Arthur sent to me in November, 1944, acknowledging a report with messages picked up in Fiji which were not heard in New Zealand. That year, 1100 POW messages were picked up from enemy stations.

Unlike the fast service the Germans and Italians provided, with names of men broadcast soon after internment, the Japanese often took two years before a message was received that a civilian internee in Singapore or some other part of the Far East was alive. During the Italian campaign, it was not uncommon to receive messages from men recently captured and to pass them on to relatives before they were reported missing by the New Zealand Government, thanks to picking up a German station known as Radio Debunk.

Initially Berlin would broadcast a list of up to 10 names and addresses, but no messages, during their news. During 1942, the Germans introduced a program titled *Anzac Tattoo*. Later it included messages and

entertainment. This program continued until near the end of the war in Europe when enemy stations were silenced.

Examples of these messages were:

From: Charlie Venning POW number 33441
Stalag 18

To: Mrs. E. C. Venning 6A Cadiman Street
North Avon, Christchurch

Text: Dear Mum and all. Loving Christmas wishes to all. Remember me to all my friends Always thinking of you, your loving son, Chas.

From: Corporal H. A. Milne POW 127920
Stalag 7A

To: Mrs. Milne 44 Naylor Street, Hamilton

Text: All is well. Have had several letters but no parcels. Hope shop is doing well. Love Harold

There was little doubt messages from prisoners in Japanese hands were the ones that indicated to monitors how hard life was for those in the Far East camps. It was not until the war ended that the stark conditions they had gone through in the past four years was known. For many back home, the messages were the first they had received in two or so years. The prisoners asked for news from back home. An attempt was made to get the New Zealand government to send messages over the Australian Broadcasting Commission stations which transmitted an hour long program of Australian messages each day. These were picked up by the Japanese and delivered to the prisoners. But the New Zealand government did nothing.

Grateful letters with glowing tributes poured into Arthur's home every day from families thrilled with news of loved ones behind barbed wire in camps throughout Europe and the Far East. The number of messages picked up by New Zealand DXers was estimated to have been about 6000 from the first one in 1941 until the war ended in 1945.

The Korean War in the early 1950s saw the League again in action monitoring Radio Peking for messages from prisoners who in the main were American and British. No mail service existed between Korea and America and while New Zealand was technically at war, the mail service was unaffected. As a result, the hundreds of messages from New Zealand made their way back to the states. News of the DXers work became widely known in America after the *New York Times* and other leading newspapers ran stories of the monitoring service.

After the war ended, the United States Embassy in Wellington wrote a letter thanking the League. The Ambassador wrote, "The work which your organisation performed during the conflict in Korea was, I should think, of immeasurable value in alleviating anxiety on the part of countless relatives of allied prisoners of war held in custody by the communists.

The League's final Prisoner of War Monitoring Service was in 1964 when all their previous work was repeated listening to Hanoi Radio in North Vietnam. Technology had advanced and recorded messages were airtailed to next of kin in America.

So ended an outstanding performance which must rate as one of the rarest to be performed by any organisation in the world of DX listening. *Footnote: Today, 58 years later in 2003, the League is still receiving requests from overseas researchers in countries like Australia and England, for information on the Prisoner of War Monitoring Service.*

Help!

Ye Shortwave Center editor is out of material, hence only 4 pages this month. Support for the past year has been great. Just thumb through past Journals, some great articles. Please turn the computer on and write something. **Help Save Shortwave Center!** I must have new material by April 17 for the May Journal. No new material—no Shortwave Center.

Adrian Peterson's Diary

Dr. Adrian M. Peterson • Box 29235 • Indianapolis, IN 46229

Australian Radio Anniversary— VLR at Lyndhurst: Australia's First Government Shortwave Station

It was on Monday March 12, 1934, that the first shortwave station operated by the Australian government began a regular broadcast service to the outback areas. Last Friday was the 70th anniversary of this significant radio event in the history of Australia, and on this occasion here in Wavescan we present the story of this radio station, VLR in Lyndhurst, Victoria.

Actually, the history of radio station VLR goes way back before the year 1934, six years further back in fact. It was in the year 1928 that a small, locally made shortwave transmitter was installed in a small galvanized iron shed on the summit of a small hill in a country farming area at Lyndhurst, some 40 km southeast of Melbourne.

This experimental transmitter was constructed by Post Office engineers and it emitted just 600 watts, usually on the 31 metre band frequency 9580 kHz. The broadcast callsign was VK3LR, though when the transmitter was on the air with experimental transmissions the callsign was VK3XX.

Programming from this low-powered transmitter during this era was a composite relay from the two government mediumwave stations in Melbourne, 3LO and 3AR, hence the composite callsign 3LR. In addition, there were several notable broadcasts from this transmitter that were prepared specifically for the outback, for the Pacific Islands and even further afield.

In 1934, a new and substantial building was erected on the same property at Lyndhurst to house the shortwave transmitter which was rebuilt for the occasion. On March 12, transmitter VLR was reactivated with a regu-

lar relay for outback areas using a composite program format from 3LO and 3AR.

It was in December 1936 that a regular bulletin of news in the French language was introduced for listeners in the French islands in the Pacific, and in December 1937 the experimental callsign VK3LR was regularized to VLR.

Right at the end of the year 1939, shortwave VLR was taken into the inaugural service of "Australia Calling," and it continued in use with a relay of the programming of Radio Australia until the 10 kw VLG was inaugurated on June 21, 1941. From this time onwards VLR was in use only for the ABC National Service, with programming for the benefit of isolated listeners in the outback areas of Australia.

In the 1950s, a larger building was constructed around the current building at Lyndhurst and the old one was removed. At this stage, three new RCA transmitters were installed, each rated at 10 kw, and the original VLR unit was retired. These new units were American navy transmitters and they were modified for broadcast usage. Then, in the 1980s, eight STC transmitters were installed, and any program service could be fed to any transmitter.

The original low powered VLR transmitter was on the air for a period of 29 years stretching from 1928 to 1956 when the navy transmitters were installed. From that time onwards it is probable that all 11 of the 10 kw transmitters at Lyndhurst carried the VLR service on a rotational basis, at least on some occasions.

With the proliferation of television and the satellite delivery of radio programming over

Australia, the ABC shortwave service from VLR was declared redundant and it was closed at 1402 UTC on Friday, June 12, 1987, at the end of nearly 60 years of international on-air radio coverage.

The original specific QSL cards verifying the reception of VLR were issued by the PMG

department in two different designs. Later the ABC also issued specific QSL cards for VLR in two different designs. When the ABC introduced a standard design QSL card for all of its relay stations throughout Australia, these cards were also issued to confirm the reception of the shortwave unit VLR.

Darwin Anniversary

It was around this season back in the year 1969 that the first official test broadcasts went on the air from the new Darwin relay station in northern Australia. This notable shortwave station is thus currently celebrating its 35th anniversary.

Five years earlier, in the year 1964, the federal government in Australia announced plans for the construction of what was called a booster shortwave station for Radio Australia. Two years later again, construction work commenced on this new facility that is located at the eastern end of Cox Peninsula across the waters from Darwin city.

Unofficial test broadcasts from the first of three 250 kw. Collins transmitters began in December 1968, and finally all three units were ready for regular programming in April 1970. However, many problems were encountered in the electronic and computer systems, and so only two transmitters were taken into regular scheduling and the third was maintained for emergency usage, sometimes in hot standby.

At first, the program relay from the Melbourne studios of Radio Australia was taken off air from the shortwave transmitters at Shepparton and Lyndhurst. However, beginning in September 1974 the program relay was fed by landline from Melbourne with the use of three lines that were designated with Australian shortwave call signs, VLK, VLL and VLM.

On Christmas Eve in the same fateful year, 1974, a horrendous cyclone named Tracy hit the Darwin area destroying 80% of the entire city. The Radio Australia transmitters were taken off the air a little before midnight local time.

For the benefit of the people living in the Darwin area, the programming from the local ABC mediumwave station 8DR was fed by landline to Melbourne where it was re-broadcast on shortwave from the 100 kw. transmitters located at Shepparton in Victoria.

At the time of this massive Australian disaster I was living in Colombo, Sri Lanka, and in order to keep up with these historic radio events, I fed the shortwave programming into a small microphone transmitter and listened to the continuing saga on a portable FM radio receiver.

Due to lengthy delays on the part of the federal government, it was another four years before three new antennas were erected at the Cox Peninsula shortwave station, and even then it was on the air only as a fill-in with an emergency relay when the Carnarvon station in Western Australia was off the air.

After another lengthy delay on the part of the federal government lasting six years, the station was finally re-activated with a regular schedule on September 3, 1984, using, again, two active transmitters with the third in standby mode.

Ten years later again, two new transmitters at 250 kw. were installed, and three years later again the 300 kw. transmitter VLK at Carnarvon was transferred to Darwin as VLT. However, in July 1997, the station was again closed and the facility was maintained with only occasional on-air tests that were sometimes heard in Australia and beyond.

At this stage a new player enters the field, and this is Christian Voice from England. On September 18, in the monumental year 2000, test transmissions from Christian Voice were

commenced from the Darwin radio station, and soon afterwards they were granted government approval to purchase the station. Since then, Christian Voice has been radiating their own programming over the Darwin shortwave station, and on April 23 last year they also began a part-time relay of programming on behalf of Radio Australia

The current scheduling reveals that only two of the six transmitters in Darwin are in active on-air usage. These two units are the 300 kw. VLK-VLT from Carnarvon, and

one of the 1993 transmitters, probably the unit that was designated as VLS.

QSLs verifying the reception of programming from the Darwin shortwave station abound throughout the world. The QSL cards and letters when the station was under Radio Australia are of colourful nature cards, or verification letters carrying the line call sign in use for each transmitter. Recent information tells us that Voice International is now also issuing a new QSL card from their office in Buderim in Queensland.

Albania on the Air Shortwave

Albania is a small mountainous country on the western edge of the Balkan Peninsula in southeastern Europe. This country is a little over 200 miles long and a little less than 100 miles wide, with a total area of 11,000 square miles. The largest city in Albania is Tirana which is also their capital and it is located almost in the center of their country.

The total population of Albania is around four million and the national language is Albanian which is spoken with two major dialects, Gheg in the north and Tosk in the south. They celebrate the date of their independence as November 28, 1912.

Their national flag is red with a black two-headed eagle. Interestingly, the name for Albania in their own language is Shqipëri, which means the "Land of the Eagle."

The first settlers in Albania were the Illyrians, an Indo-European people who moved in from the east about 1,000 BC. Throughout the centuries since that time, many different ethnic peoples have swept through the area, leaving their mark on the historical and cultural development of the country and the language. These days, about half a million tourists visit Albania every year.

Construction on the first radio facility in Albania began in the year 1938 and it was established to serve three different purposes; local entertainment and information, international broadcasting, and international radio communication. On mediumwave, this new station was listed

for 1384 kHz, and on shortwave it was on the air with broadcast programming and international communication in Morse Code under the call sign ZAA.

The new ZAA was a 3 kw. facility located on the edge of Tirana in Albania and it was first heard in Australia with test broadcasts on February 1, 1939. The test programming was noted on 6090 kHz in the 49 metre band and announcements were given in five languages: Albanian, English, French, German, Italian. Frequent identification was given as "Radio Experimental, Tirana, Albania."

Several different channels in the 31 41 and 49 metre bands were also noted around that era. Station ZAA was also heard on the air with communications in Morse Code with station IAC in Italy.

The new shortwave broadcasting station ZAA in Albania was heard periodically over the next few months with regular programming, but in July it was noted closing with the Italian National Anthem. During the Italian occupation, the original Albanian call sign was retained. However, with the changing events in continental Europe we find that the last logging of this station during this era was reported in an Australian radio magazine for September 1940.


In February 1946, the broadcasting service from shortwave station ZAA was again heard in Australia and New Zealand. Three years later again, new studios and offices were built for the national radio service in downtown Tirana.

During the era of Chinese friendship, Radio Tirana was noted on relay to the United States via Radio Peking, usually on two channels in parallel, and Radio Peking was heard in Europe via a high powered medium-wave station in Albania. During this same era, two new highpowered shortwave stations were also built for Radio Tirana.

Shijak, and they can be heard worldwide quite readily.


In 1992, Trans World Radio took out a relay of their programming over the high powered mediumwave station at Filake, and this was followed shortly afterwards with the usage of their shortwave facilities also.

In addition, Radio Tirana has been on the air from five different regional locations throughout their country. These days, though, their shortwave facilities are consolidated at just two locations, Cerrik and

The first known QSLs from Radio Tirana were carbon copy letters, though in the 1960s cards were printed that feature peasant art. These days, colorful QSL cards are available from Radio Tirana in Albania. 

Company Store

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Hello everyone. For those of you in the Northern Hemisphere, I hope that winter is a fading memory. For the rest of you, you have my sympathies. Especially if you have a winter anything like ours. I have several changes this month, as shown on the back cover. The book list has changed. We dropped a couple of titles including Don Schimmel's book because it has gone out of print. It was one of the "Store's" best sellers and will be missed. In addition, I've added Skip Arey's book to the list as a regular title. Also, please note that T-shirts, sweatshirts, and coffee and beer mugs have been added as items that can be mail ordered. Prices and shipping are as follows: **NASWA T-Shirts** S-XL \$12.00 XXL \$14.00 (\$4.00 s/h N Am.; \$8.00 World) Return of a favorite in NASWA blue with the club logo; **NASWA Sweatshirts** S-XL \$20.00 XXL \$22.00 (\$8.00 s/h N Am.; \$15.00 World) Return of a favorite in NASWA blue with the club logo; **NASWA Coffee Mugs** \$5.50 (\$5.50 s/h N Am.; \$10.00 World) 11 oz. White mug with the club logo on 2 sides. Return of a favorite in NASWA blue with the club logo; **NASWA Beer Mugs** \$8.00 (\$7.00 s/h N Am.; \$15.00 World) 16 oz. Clear glass mug embossed with "Fest 04" on 2 sides. Please make all checks payable in U.S. funds to "The NASWA Company Store. Finally, the management is tossing around the idea of expanding the clothing options available through the Company Store. If you have any suggestions of things you would like us to stock, please e-mail me or send me a note via the postal service. Until next month, have a good one. Mike 

VOA Relay Station on board the Battleship Texas

It is quite well known in the radio world that the Voice of America was on the air from the radio ship "Courier" while it was anchored in the harbor at the island of Rhodes in the eastern Mediterranean. However, it is not quite so well known that VOA was on the air in earlier times from many other radio ships, in fact, anywhere up to a dozen. On this occasion we trace the story of the very first endeavor on the part of the Voice of America into radio broadcasting from a ship, the navy vessel Texas 2.

This massive warship, the Texas 2, was launched at Newport News in Virginia way back in the year 1912. It was close to 600 feet long, and more than 100 feet wide. The total weight of this ship was 34,000 tons.

The USS Texas achieved two moments of fame in its illustrious career spanning 36 years. In the year 1919 it was the first American battleship to launch experimental aircraft at sea, and in 1942 it acted as the first seaborne relay station for the Voice of America. This ship was decommissioned just six years later, in 1948.

These days, the Texas lies at anchor in the Jacinto State Park, in the state of Texas, where it is now a historic museum piece and a popular tourist attraction. Many postcards from the days of its former glory are still available from postcard dealers nationwide.

For the purpose of broadcasting to the people in coastal areas of Morocco in North Africa, a 5 kw medium wave transmitter was installed in the USS Texas, and this was tuned to the frequency 601 kHz. It is presumed that some form of test broadcasts were radiated in advance to ensure that the transmitter would function correctly at the time of the coming invasion.

Historic documents tell us that the first broadcast from the Texas was made around

4:30 am on November 8, 1942. At the time, the Texas was stationed in the Mediterranean off the coast of Rabat in Morocco, and the channel for this epic broadcast was the same as the mediumwave station ashore in Rabat.

On board the Texas were radio personnel from the Voice of America and the American OWI department. Programming for this first broadcast was in French and English, and it consisted of recorded messages and off-air relays from shortwave stations located in the United States and England.

The recorded speeches were broadcast in the French language by President Roosevelt and General Eisenhower. The president's message was delivered by an American diplomat pretending to be the president, though General Eisenhower's message was delivered by the general himself.

The programming on the air from the Texas was presented in both French and English under the title the "Voice of Freedom," and the broadcast frequency from the medium-wave transmitter was changed a couple of times in an attempt to escape jamming.

In the early afternoon, the battleship Texas was ordered to approach the shore and to fire at targets on the land. The first salvo from the Texas damaged its intended targets on the land, and it also instantly destroyed the mediumwave transmitter due to the noise from the massive explosions and the jarring and shuddering caused by the recoil from the huge guns.

Thus, the first seaborne relay station, operated on behalf of the Voice of America, was on the air for no more than eight hours. It would seem that no QSLs were ever issued for these broadcasts, and the only people who heard this station were those who were in the area at the time.



Listener's Notebook

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A NOTE FROM YE HARRIED EDITOR: My apologies for the relative skimpiness of this month's offering. I have been away from my desk for the better part of the month and have had precious little time for editing. I have a huge stack of A04 changes and promise you will see them in next month's column. Thanks for understanding!-AQ

ALBANIA Radio Tirana -A'04 Tentative Schedule		1300-1600	Dutch	15160-Rampisham 15195-Moscow
0145-0200	English 6115 Tu-Su			
0145-0200	English 7160 Tu-Sa	1700-1715	French	9925-Moscow
0230-0300	English 6115 Tu-Su	1700-1800	Dutch	13690-Skelton
0230-0300	English 7160 Tu-Su	1715-1730	German	9925-Moscow
0800-0900	Albanian 7110	1730-1800	English	9925-Moscow 11640-Juelich
1400-1700	Albanian 7270	1800-1900	Dutch	13690-Skelton
1400-1700	Albanian 5985	1800-1900	Dutch	11640-Juelich
1700-1715	Turkish 7260 Mo-Sa	1800-1900	Dutch	5910-Juelich 9925-Moscow
1700-1715	Turkish 6130 Mo-Sa			11640-Juelich 13690-Skelton 15325-Dhabayya
1715-1730	Greek 7260 Mo-Sa			
1715-1730	Greek 6130 Mo-Sa	1900-2000	Dutch	5910-Juelich
1730-1800	German 7185 Mo-Sa	1900-1915	German	9925-Moscow
1730-1800	German 9570 Mo-Sa 123456	1915-1930	French	9925-Moscow
1800-1830	Italian 6100 Mo-Sa	1930-2000	English	9925-Moscow
1800-1830	Italian 7240 Mo-Sa	2000-2100	Dutch	9840-Skelton 9925-Moscow
1845-1900	English 7210 Mo-Sa	2200-2230	English	11635-Bonaire
1845-1900	English 9520 Mo-Sa	2230-2300	Dutch	11635-Bonaire
1900-1930	French 9520 Mo-Sa			(VRT/Gupta-IND/Japan Premium)
1900-1930	French 7210 Mo-Sa			
2030-2200	Albanian 7295			
2030-2200	Albanian 9575			
2115-2130	Ser/cro 7110 Mo-Sa			
2115-2130	Ser/cro 6135 Mo-Sa			
2130-2200	English 9540 Mo-Sa			
2130-2200	English 7130 Mo-Sa			
2300-0330	Albanian 7270			
(Gupta-IND)				
[Ed Note: The days could be off by one...the sked as submitted had numbers for days, but no key as to which day was which-AQ]				
BELGIUM Radio Vlaanderen Intl A'04				
0400-0430	English 11635-Bonaire			
0430-0500	Dutch 11635-Bonaire			
0500-0530	Dutch 9590-Juelich 9925-Meyerton 15195-Krasnodar			
0530-0600	Dutch 9590-Juelich			
0530-0600	Dutch 15195-Krasnodar			
0600-0700	Dutch 9590-Juelich 15195-Krasnodar			
0700-0730	English 5985-Juelich			
0700-0800	Dutch 9590-Skelton 15195-Krasnodar			
1000-1100	Dutch 21630-Meyerton			
1100-1130	Dutch 15195-Rampisham 15450-Moscow 21630-Meyerton			
1130-1200	English 9940-Irkutsk			
1200-1230	Dutch 9940-Irkutsk 17695-Tashkent			
		0430-0500	Bulgarian	7200 7500 9400 9500 11500 Sa/Su 11500 Mo-Fr
		0500-0530	Russian	7500 9400
		0500-0530	Greek	7200 Mo-Fr
		0500-0530	German	9500 11500
		0500-0530	Turkish	6000 7400
		0500-0600	Greek	7200 Sa/Su
		0530-0600	Albanian	7200 Mo-Fr
		0600-0630	Spanish	13700 15700
		0600-0630	Serbian	7200 Mo-Fr
		0600-0630	French	11600 13600
		0600-0700	Albanian	7200 Sa/Su
		0630-0700	English	11600 13600
		0700-0800	Serbian	7200 Sa/Su
		1000-1030	Bulgarian	7200 11600 11700 13600 15700
		1000-1030	Turkish	7400 9400
		1030-1100	Russian	11600 13600
		1030-1100	Greek	7200
		1030-1100	German	11700 15700
		1100-1130	Spanish	13600 15600
		1100-1130	Albanian	7200

1100-1130	French	11700 15700
1130-1200	Serbian	7200
1130-1200	English	11700 15700
1200-1400	Bulgarian	11700 15700
1400-1500	Russian	7500 9400 13600
1500-1600	Bulgarian	7200 7500 9400 15700 17500
1600-1630	Albanian	7200
1600-1630	Russian	7500 9400
1630-1700	German	9500 11500
1630-1700	Spanish	15700 17500
1630-1700	Greek	7200
1700-1730	French	9500 11500
1700-1730	Serbian	7200
1730-1800	English	9500 11500
1730-1800	Turkish	7400
1800-1900	Bulgarian	5900 7200 7400
1800-1900	Russian	7500 9400
1900-2000	Albanian	5900
1900-2000	Bulgarian	7200 7400
1900-2000	German	5800 7500
2000-2100	Greek	5900
2000-2100	French	5800 7500
2100-2200	Spanish	11800 13800
2100-2200	English	5800 7500
2100-2200	Serbian	5900
2300-2400	English	9700 11700
2300-2400	Spanish	9500 11500
2300-2400	Russian	13600

Radio Varna with programm "Hello Sea"/
"Zdravei more" in Bulgarian will be on air 2100
Sun—0300 Mon on 7400. (Observer-BUL)

CHINA Freq change for **China Radio International**
in Arabic: 1600-1657 NF 11915, ex 11845 // 7130,
7160, 11730, 15125, 17880 (Observer-BUL)

CZECH REPUBLIC *Radio Prague*, summer 2004

0000-0030	Spanish	11665-Ascension
0000-0030	English	7345 9440
0030-0100	Spanish	7345 9440
0100-0130	English	6200 7345
0130-0200	Czech	6200 7345
0200-0230	Spanish	6200 7345
0230-0300	Czech	7345 9870
0300-0330	English	7345 9870
0330-0400	English	11600 15600
0400-0430	Russian	9445 11600
0600-0630	French	5930 7345
0630-0700	German	5930 7345
0700-0730	English	9880 11600
0730-0800	French	9880 11600
0800-0830	Spanish	11600 15255
0830-0900	Czech	11600 21745
0900-1000	English	21745
0930-1000	Czech	21745
1000-1030	German	6055 9880
1030-1100	English	9880 11615
1100-1130	Czech	11615 21745
1130-1200	Russian	11615 21745
1200-1230	German	6055 7345

1230-1300	Czech	6055 7345
1300-1400	English	13580 21745
1330-1400	Czech	13580 21745
1400-1430	Spanish	11990 13580
1430-1500	Russian	11645 13580
1500-1530	German	5930
1530-1600	Czech	5930 17485
1600-1630	English	5930 17485
1630-1700	French	5930 17485
1630-1700	German	11810-Krasnodar
1700-1730	English	5930 17485
1730-1800	Czech	5930 17485
1800-1830	Russian	7390-Novosibirsk
1800-1830	Spanish	5930 13580
1830-1900	French	5930 13580
1900-1930	Spanish	5930 13580
1930-2000	Czech	5930 11600
2000-2030	English	5930 11600
2030-2100	Spanish	5930 11600
2100-2130	Czech	9800 11600
2130-2200	Spanish	9800 11600
2200-2230	French	7345 9415
2230-2300	English	7345 9415
2300-2330	Spanish	7345 9440
2330-2400	Czech	7345 9440

(Chakroborty/Japan Premium)

ECUADOR HCJB *World Radio A04* schedule

0000-0100	Spanish	6050 11880 21455
0000-0230	Portug.	12020
0000-0300	Quichua	3220 6080
0100-0300	English	15560-via Australia
0100-0500	Spanish	6050 9745 21455
0300-0330	Urdu	15560-via Australia
0500-0530	German-hi	9780 21455
0530-0600	German-lo	9780 21455
0800-0930	Portug.	9745 21455
0800-1100	English	11750-via Australia
0830-1000	Quichua	3220 6080 6125
0930-1000	German-hi	6010 21455
1000-1030	Quichua	3220 6080
1000-1030	German-lo	6010 21455
1030-1100	Quichua	3220 6080 21455
1030-1100	Huarani	6050
1100-1200	Quichua	3220 6080
1100-1300	Spanish	6050 11960 15140
1100-1330	English	12005 21455
1200-1400	Quichua	6080
1230-1330	English	15405-via Australia
1300-1330	Spanish	6050 15115 15140
1300-1500	Spanish	6050 15115 15140
1330-1400	Urdu	15405-via Australia
1330-1500	Spanish	6050 15115 15140 21455
1400-1415	Hindi	15405-via Australia
1415-1730	English	15405-via Australia
1530-1800	Portug.	15295
1600-1645	FSUL*	11760-via UK
1900-2000	Spanish	6050
2000-2100	Spanish	6050 21455
2100-2130	Quichua	6080
2100-2230	Arabic	12025-via UK

2100-2300	Spanish	6050 15140 21455
2130-2400	Quichua	6080 9745
2230-2300	German-lo	11980
2300-0230	Portug.	11920
2300-2400	German-hi	11980
2300-2400	Spanish	6050 11880 21455

*FSUL=Former Soviet Union languages (Gupta-IND)

EGYPT Radio Cairo A04 schedule:

0030-0430	Arabic	7115
0045-0200	Spanish	11755
0045-0200	Spanish	9415 11855
0200-0330	English	11855
0600-1000	Arabic-GP	15115
1015-1215	Arabic	17775
1100-0300	Arabic-GP	12050
1115-1215	Thai	15715
1215-1315	Malay	15715
1215-1330	English	17670
1230-1330	Persian	15480
1300-1600	Arabic	15365
1315-1450	Indonesian	15715
1330-1430	Bengali	17670
1330-1530	Persian	15480
1400-1530	Azeri	11655
1430-1600	Pashto	15670
1500-1600	Hindi	15135
1530-1630	Uzbeki	11695
1530-1630	Afar	15155
1530-1730	Swahili	17810
1600-1645	Zulu	15620
1600-1800	Urdu	15115
1600-1800	Turkish	6230
1600-1800	Albanian	9950
1630-1730	Somali	15155
1630-1830	English	9855
1645-1730	Shona	15620
1730-1815	Indebele	15620
1730-1900	Amharic	15155
1800-1900	Italian	9988
1800-1900	Russian	7220
1800-2100	Hausa	9735
1800-2330	Arabic-vota	11665
1830-1915	Lingala	9855
1830-1930	Wolof	15375
1900-2000	German	9990
1915-2030	Fulani	15425
1930-2030	Bambara	15375
2000-2115	French	9990
2000-2200	Arabic	7270
2030-2200	English	15375
2030-2230	French	15335
2100-2200	Yoruba	9635
2115-2245	English	9990
2215-2330	Portug.	11790
2300-0030	English	11725
2330-0045	Arabic	11755
2330-0045	Arabic	9735

GP=General Program VOTA=Voice of the Arabs
(Gupta-IND)

FRANCE Summer A-04 freqs for Radio Taiwan International via RFI relay(updated):

1700-1800	Russian	11615 ISS
1800-1900	English	3965 ISS
2100-2200	French	9365 ISS
2200-2300	Mandarin	3965 ISS

(Observer-BUL)

NEW ZEALAND Radio New Zealand International's A04 schedule 28 Mar-30 Oct:

0459-0705	9615
0706-1059	9885
1100-1259	9885
1300-1859	6095
1851-1950	9885
1951-2050	11725
2051-0458	15720

(Goncalves-POR/BC-DX Mar 22/Bueschel-DE)

PAPUA NEW GUINEA Wantok Radio Light is the

name of the new tropical band SW station scheduled to start in about May 2004. The broadcasts will mainly be a relay of the existing FM station of the same name in Port Moresby. During January, HCJB engineering staff helped relocate the studios of the station to a high rise office tower in downtown Port Moresby and brought the new FM transmitter site on air. Life Radio Ministries (P.O. Box 2020, Griffin, GA 30224) operate Wantok Radio Light in partnership with others, incl. HCJB, and have licences to operate 30 FM repeaters across PNG. The new SW facilities are supposed to be built during April/May 2004 and discussions are still ongoing with the bureaucracy about the SW frequency and technical facilities. (Ricquish-NZ, NZRDXL via Dplorer Mar 21/DSWCI DX-Window)

I found the following stations active: 3205, 3260, 3275, 3305, 3335, 3355, 3365, 3375, 3385 and 4890 on Feb 26, and 3205, 3260, 3305, 3335, 3375, 3385 and 4890 on Feb 28. (Schulze-PHL/DSWCI DX-Window)

PERU 5014.38 Radio Altura, Cerro de Pasco, 2000, Mar 10, 5-6 days ago it moved from 5009.70v to this frequency. I got the name after some days but with unknown location. This evening I got an ID and advs from Cerro de Pasco. (Malm-ECU, Mar 10/Slaen-ARG/DSWCI DX-Window)

PORTUGAL RDP Internacional from March 28:

Portuguese lang. programs Monday to Friday:

0000-0200	9715 13660 13700 15295 15480
0500-0645	7240 9840
0645-0700	7240 9840 11850
0700-0800	9815 9840 11850
0800-1000	11960 12020
1000-1200	11960 12020 21655 21725 21830
1200-1300	17575
1300-1500	17575 21810
1500-1600	17575

1600-1800 13770 15445 15525 17575 17680
21655 21800
1800-1900 13770 15445 15525 17575 17680
21540 21655 21800
1900-2300* 11945 13720 15445 17575 21540
21800
2300-2400 9715 13660 13700 15295 15480

Portuguese lang. programs Saturday & Sunday:

0700-0830 12020 13640 17710 21830
0830-1000 11995 12020 13640 17710 21830
1000-1200 12020 13640 17575 21655 21830
1200-1345 12020 13640 17575 17615 21655
21830
1345-1400 17575 17615 21655 21830
1400-1700 13770 15555 17575 17615 21655
21830
1700-1900 13770 15555 17575 17615 17680
21655
1900-2000 11945 13720 13770 15555 17575
17615 17680 21540 21655
2000-2300* 11945 13720 15555 17575 21540
21655

* Extraordinary transmissions to 2300 (Isabel Saraiva RDP/Gupta-IND/Japan Premium)

ROMANIA Summer A-04 schedule of *Radio Romania International*:

0000-0056 Spanish 9575 9760 11935 11965
0100-0156 English 9690 11940 15430 17760
0200-0256 French 9715 11940
0200-0256 Romanian 7175 9620
0300-0356 Spanish 9550 9775 11725 11970
0400-0456 English 11820 15140 15235
17860
0500-0526 Chinese 15445 17740
0530-0556 Russian 9590 11875
0600-0626 French 9655 9690 11840 11875
0630-0656 German 9655 9690 11840 11875
0700-0726 English 11830 15150
0730-0756 Arabic 11875 15340 15370
17720
0800-0856 Romanian 11830 15270 15370
17805 Su
0900-0956 Romanian 15430 15450 17740
17855 Su
1000-1056 Romanian 11830 15250 15380
17740 Su
1100-1156 French 11830 15250 15380
17740
1200-1256 Romanian 9760 11830
1200-1256 German 11775 15270
1300-1356 English 11830 15105
1400-1426 Chinese 15380 17810
1400-1456 Romanian 9760 11830
1430-1456 Russian 9740 11855
1500-1526 Ukrainian 7210
1500-1556 Arabic 11970 15260 15305
17860
1530-1556 Serbian 7165
1600-1626 Aromanian 7135
1600-1656 Romanian 9690 11960

1600-1656 Russian 7210 9680
1630-1656 Italian 11970
1700-1726 French 11765 15170
1700-1726 Ukrainian 7240
1700-1756 Romanian 9530 11865
1730-1756 Serbian 7240
1800-1826 Aromanian 7145
1800-1856 Romanian 9755 11765
1800-1856 English 11940 15380
1830-1856 Italian 11695
1900-1926 Ukrainian 7230
1900-1956 German 7145 9625 9760 11940
1930-1956 Serbian 7295
2000-2026 Aromanian 7145
2000-2056 Spanish 11940 15465
2030-2056 Italian 9580
2100-2126 French 7230 9585 from May 2 to
Sep.4
2100-2126 French 7130 9585 till May 1 and
from Sep.5
2130-2156 English 7285 9725 15285 17735
2200-2256 Spanish 11965 15255
2300-2356 English 7280 9590 9645 11940

(Observer-BUL)

SINGAPORE *Radio Singapore International* A04 schedule:

0900-1200 Malay 6120 7235
1100-1400 Chinese 6000 6185
1100-1400 English 6080 6150
1200-1400 Indones. 6120 7235

(Jan Nieuwenhuis-HOL, BC-DX Mar 9/Bueschel-DE)

SOMALIA 6960 *Radio Shabele*, 2015-2100*, heard almost every evening, but more or less lousy. I have heard the ID only once and then given as a website address. Finish up the transmission the last minutes with songs from the Holy Qur'an and then no final ann at all. Now on exactly 6960. (Fransson-SWE Mar 07 in SWB/DSWCI DX-Window)

6980 *Radio Galkayo*, Puntland State, North Somalia, 1635-1745, Feb 19, talk program and local music session. Three very positive email answers received: The 1st one from Ahajijama@primus.ca, 2nd from radiogaalkayo@yahoo.com, 3rd one from Technician Sam Voron who looks forward to any new reports from all over the world and why not: svoron@hotmail.com. Power is 800 Watts (Ekblom-FIN, Mar 14/DSWCI DX-Window)

SUDAN "After 14 months of planning and four trips to Southern Sudan by EMC President and Manager Pete Stover, "Radio Peace," a regional short-wave station, is now covering the southern third of the country with Christian programming four hours per day in six languages. Our Kenyan technician Livingstone Kiniaru did a wonderful job climbing 40 foot creosote telephone poles to hang the 200 foot horizontal antenna. God provided every tool, including improvised ones, to do the job. We trained two local Sudanese operators during our 10-day stay

to operate and maintain the 6 kva generators, operate the 1kw transmitter, and the audio equipment for playing back programming CDs. Mike Taylor (EMC board member) and Jerry Logan (EMC board member) contributed hard work and valuable "workarounds." We were all healthy the entire 10 days on-site as we camped in the bush amidst heavy day and night winds and high temperatures near 100 degrees F. One gratifying moment occurred after we left. We were able to monitor the station 500 miles away in Nairobi. It was a weak signal with fading and noise, but we didn't expect to hear it at all since the range of the transmitter and antenna was purposely limited to 350 miles. It meant that the local operators we trained did their job without us and that the signal was likely penetrating hundreds of miles into the focus area with a clear and usable signal as planned. Next phase: acquiring 10-thousand radios to needy potential listeners in the next 3-6 months and moving the shipping container studio so that local/ regional programming can be produced and presented. Pray for the programming broadcast by "Radio Peace" to bring hope to the persecuted Christians and the truth of the gospel to the persecutors." (Mission Vision Network via Sennitt/DSWCI DX-Window)

4750 *Radio Peace*, Nuba Mountains, Southern Sudan, 0330-0400 fade out, Mar 16, this new station was heard with dull programming in Vernacular language with talk, talk and talk. At 0343 there was an ID like this: "We are broadcasting on 4750 kHz in the 60 metre band. This is Radio Peace. Thank you for listening," another ID and then a new talk program. Lots of atmospheric noise around. No signal at all was heard at the same time on Mar 17. I sent my report to the BFO (Blessings for Obedience) Radio Free Sudan (http://www.bfosouth.org/bfosouth/rfs/propagation_models.htm) and EMC (<http://www.missionvisionnetwork.org>) and got two replies yesterday night:

"Hello Bjorn, I forwarded your QSL request to The Radio Free Sudan organization to see, if I can get an address of the Operations Chief. It will give me an excuse to update my web page as well! Thank you for your reception report. The group is very happy to hear the station is being heard! David Craven, AC5CU, BfoSouth"

"Bjorn, Thanks for the information. Actually, it is interesting to know that RP is heard there. The station has no QSL card. And, there is no direct contact with the station. If you have inquiries, let me know and I will answer what I can. With the exception of Golda Atkins, the other people on your ATTN: know nothing of the station. Thanks! Pete Stover" (Fransson-SWE/DSWCI DX-Window)

Also heard *0230-0355 (fade out), Mar 10, 14 and 19, with similar programs and same canned ID in English at 0243, 0258 and 0344. More relevant URLs: <http://www.edmedia.org> and <http://www.globalendeavor.org> (Berg and Petersen-DEN/DSWCI DX-Window)

www.globalendeavor.org (Berg and Petersen-DEN/DSWCI DX-Window)

SWEDEN Radio Sweden, A04 schedule: 28 March to 31 Oct 2004

0000-0030	Swedish	9490rci
0100-0130	Swedish	6010rci 9435ma
0130-0200	English	6010rci 9435
0200-0230	Swedish	6010rci
0230-0300	English	6010rci
0300-0330	Swedish	9490rci
0330-0500	Swedish-1	9435
0400-0605	Swedish-1	6065 9435(-0500) 9490(0500-) Mo-Fr
0600-0700	Swedish-1	9420 Mo-Sa 17505 Sa
0700-0800	Swedish-1	9490 17505
0800-0900	Swedish-1	9490 17505 Su
1000-1030	Swedish-4	9490 15735 21810 (Mo-Fr-1010)
1030-1040	Swedish-4	15735 18960 Mo-Fr
1030-1100	Swedish	18960 15735 Sa/Su
1100-1130	Swedish-4	15240 (Mo-Fr-1110)
1200-1230	Swedish	15240 15735
1200-1230	Russian	15225
1230-1300	English	13580 15240 15735
1300-1330	Russian	12075
1300-1330	Swedish	15240 15735
1330-1400	English	15240 15735
1400-1430	Swedish	15240 15735
1400-1430	Russian	12065
1430-1445	Estonian	6065 Mo-Fr
1445-1600	Swedish-1	6065 13580(1545-) 15240(-1500) 15735(1545-)
1500-1530	Swedish	9410
1600-1615	Swedish-1	6065(Sa-Su) 13580(Su-Fr) 15735(Mo-Fr)
1600-1615	Aramaic	13580 Sa
1615-1630	Latvian	6065 Mo-Fr
1615-1630	Swedish-1	6065(Sa-Su) 13580(Su/Mo)
1630-1645	Estonian	5840 Mo-Fr
1630-1700	Swedish	6065
1630-1700	Kurdish	13580 Su/Mo (Su:-1645)
1645-1700	Latvian	5840 Mo-Fr
1700-1715	Estonian	6065
1700-1730	Romani	6065 Sa
1700-1730	Russian	5840
1715-1730	Latvian	6065
1730-1800	English	6065 Mo-Sa
1800-1830	Swedish	6065 11600 13800
1830-1900	Russian	5840
1830-1930	German	6065 (Mo-Sa-1900)
1900-1930	Swedish	6065(Mo-Sa) 11595
1930-2000	Romani	5840 Sa
1930-2000	English	6065
1930-2000	Russian	5840 Su-Fr
2000-2100	Swedish-1	6065 9390
2100-2130	Swedish	6065 9925
2130-2200	English	6065 9925

ma = Madagascar rcI = Sackville

(Bueschel-DE/Roe-UK WDXC-UK, Mar 21/BC-DX/Bueschel-DE)

TURKEY Summer A-04 schedule for *Voice of Turkey*:

0000-0400	Turkish	9460
0100-0200	Uzbek	7175
0300-0350	English	6140
0400-0700	Turkish	9460 11750 15425
0700-0800	Georgian	9760
0700-0830	Azeri	11730 15140
0700-0900	Turkish	11750 11955 15350
0800-0900	Macedonian	11690
0830-0930	Persian	11795 17705
0900-1000	Turkish	11955 15350 21715
0900-1100	Arabic	11690 15520
0930-1030	Hungarian	13770
0930-1030	Romanian	9560
1000-1200	Turkish	11955 15350 17630-Fr 21715
1030-1130	Greek	7295 9840
1100-1200	Chinese	17715
1130-1230	Albanian	11875
1130-1230	German	13760
1200-1300	Urdu	15170
1200-1500	Turkish	11955 13655 15350 17630-Fr
1230-1320	English	15225
1230-1400	Persian	11940
1300-1400	Russian	13720
1330-1400	Serbian	11860
1330-1430	Bulgarian	7140
1400-1500	Azeri	9645
1400-1600	Arabic	11735 17790
1430-1530	Greek	7180
1500-1600	Kazakh	11860
1500-1600	Tatar	9855
1500-1600	Turkish	11955 13655 15350
1530-1630	Turkmen	11905
1600-1630	Croatian	11970
1600-1700	Kyrgyz	9575
1600-1700	Turkish	5960 9460 9560
1630-1700	Spanish	13640
1700-1800	Russian	9675
1700-1800	Uzbek	6115
1700-2200	Turkish	5960 7215 9460 9560
1730-1830	German	13640
1800-1900	Bosnian	5980
1830-1920	English	9785
1930-2030	French	9535 11850
2030-2120	English	7170
2200-2250	English	9830
2200-2400	Turkish	9460

(Observer-BUL)

UKRAINE *Radio Ukraine International* tentative A04 Broadcasting Schedule

0000-0100	English	7545
0000-0100	Ukrainian	9380
0100-0200	Ukrainian	7545 9380
0200-0300	Ukrainian	7545 9380
0300-0400	English	7545
0300-0400	Ukrainian	9380
0400-0700	Ukrainian	9945

0700-1300	Ukrainian	15415
1100-1200	English	15415
1300-1700	Ukrainian	7420
1700-1800	German	11550
1800-2000	Ukrainian	11550
2000-2100	German	11550
2100-2200	English	7420
2200-2300	Ukrainian	7420
2300-2400	German	7420
2300-2400	Ukrainian	7545

Reserve frequencies for N.-E.America: 9810 in summer, 5910 kHz in autumn.

(Chakroborty/Japan Premium)

WORLDWIDE RELIGION FEBA Radio—Broadcast schedule, 28 March to 31 October 2004:

0030-0045	Bangla	7365-TAC Mo-Th
0030-0045	Bhojpuri	7365-TAC Fr-Sa
0030-0100	Tamil	7335-ERV Fr-Sa
0030-0100	Tamil	7335-ERV Su
0030-0115	Tamil	7335-ERV Tu/We
0030-0115	Hindi	7365-TAC Su
0030-0130	Tamil	7335-ERV Mo/Th
0045-0100	Oriya	7365-TAC Tu
0045-0115	Hindi	7365-TAC Mo/We-Sa
0100-0115	Hindi	7365-TAC Tu
0100-0115	Badaga	7335-ERV Tu/Fr/Sa
0100-0115	Hindi	9820-MOS
0100-0130	Kannada	7335-ERV Su
0115-0130	Punjabi	9820-MOS Sa
0115-0130	Urdu	9820-MOS Fr
0115-0130	Tulu	7335-ERV Tu
0115-0130	Marathi	9820-MOS Su-Th
0115-0130	Kannada	7335-ERV Fr-Sa
0115-0130	Konkani	7335-ERV We
0130-0200	Telugu	9855-DHA
0200-0215	Sindhi	6145-DHA Sa/Su
0200-0215	Urdu	12045-NVS Mo/Fr/Sa
0200-0215	Pashto	9855-DHA
0200-0215	Siraiiki	6145-DHA Mo-Fr
0200-0230	Urdu	12045-NVS We/Th
0200-0230	Punjabi	12045-NVS Su/Tu
0215-0230	Baluchi	6145-DHA We-Su
0215-0230	Punjabi	12045-NVS Mo/Fr/Sa
0215-0230	Brahui	6145-DHA Mo/Tu
0215-0245	Dari	9855-DHA
0230-0245	Pothwari	12045-NVS Th
0230-0245	Hindko	12045-NVS Mo-We/Fr/Sa
0230-0245	Urdu	12045-NVS Su
0245-0300	Hazaragi	9855-DHA
0400-0530	Arabic	15530-SAM
0500-0530	Sinhala	6125-DHA Fr
0530-0630	Malayalam	6125-DHA Fr
0630-0800	Persian	9660-DHA Fr
1200-1230	Tibetan	15355-DHA
1230-1315	Nepali	12005-TAC Su
1230-1315	Chattisgarhi	12005-TAC Sa
1230-1315	Nepali	12005-TAC Tu
1230-1315	Mundari	12005-TAC Mo/We
1230-1315	Oriya	12005-TAC Mo/We/Th

1230-1315	Bhojpuri	12005-TAC Fr
1230-1315	Chattisgarhi	12005-TAC Th
1230-1315	Bangla	12005-TAC
1230-1315	Maghi	12005-TAC Tu
1315-1330	Marwari	11750-SAM We
1315-1330	Bhili	11750-SAM Mo
1315-1330	Kumauni	11750-SAM Th
1315-1330	Brij	11750-SAM Tu
1315-1330	Kangri	11750-SAM Su
1315-1345	Gujarati	11750-SAM Su/Fr
1315-1400	Punjabi	11750-SAM Mo-We/Fr
1315-1400	Punjabi	11750-SAM Sa
1330-1400	Gujarati	11750-SAM Mo-Th/Sa
1400-1415	Engl.-slow	9495-NVS
1400-1415	Urdu	9530-DHA Su-Th
1400-1430	Malayalam	7350-IRK Mo-We
1400-1445	Malayalam	7350-IRK Th-Su
1400-1500	Hindi	9530-DHA Fr-Sa
1415-1500	Hindi	9530-DHA Su-Th
1415-1500	Urdu	9495-NVS Su/Mo/Th/Fr
1415-1515	Urdu	9495-NVS Tu/We/Sa
1430-1500	Telugu	7350-IRK Mo-We
1445-1500	Telugu	7350-IRK Th-Su
1500-1515	Balti	9495-NVS Su/Mo/Th/Fr
1500-1515	Engl.-slow	7350-IRK
1515-1530	Nuer	12125-MEY
1515-1600	English	7350-IRK
1530-1545	Dinka	12125-MEY
1530-1600	Pashto	9415-ARM
1545-1600	Makonde	12125-MEY
1600-1615	Dhivehi	7350-IRK We/Fr/Sa
1600-1615	Sinhala	7350-IRK Su-Tu
1600-1615	Malay	7350-IRK Th
1600-1630	Guragena	12125-MEY Mo-We
1600-1630	Dari	9415-ARM
1600-1630	Amharic	12125-MEY Th-Su
1630-1645	Hazaragi	9415-ARM
1630-1700	Amharic	12125-MEY
1630-1730	Persian	9875-ARM
1645-1700	Uzbek	9415-ARM
1700-1730	Somali	11690-KIG
1700-1730	Oromo	6180-DHA
1730-1745	Baluchi	9875-ARM Sa/Su
1730-1745	Azeri	9875-ARM Th
1730-1745	Luri	9875-ARM Fr
1730-1745	Turkmen	9875-ARM Mo-We
1730-1800	Tigrinya	11690-KIG
1830-1900	French	15130-ASC
1903-1957	Arabic	9690-KIG
2145-2215	Wolof	11985-ASC Th/Fr

DRM

0945-1000 Engl.-Slow 9815-FLE

ARM Armavir Russia
 ASC Ascension Island
 DHA Dhabayya
 ERV Yerevan Armenia
 FLE Flevo Holland
 IRK Irkutsk Russia
 KIG Kigali Rwanda

MEY Meyerton South Africa
 MOS Mossbrunn Austria
 NVS Novosibirsk Russia
 SAM Samara Russia
 TAC Tashkent Uzbekistan
 (Gupta-IND)

[Editor's note: After more than a decade doing so, this will be the last time I spend an hour of my time formatting and reproducing the hopelessly convoluted FEBA schedule. It's hard to believe that a 15-minute program in Banji-Banji broadcast every other Thursday on one shortwave frequency has any other purpose than fundraising fodder ("we need your money to continue our vital worldwide broadcasts in 147 languages!"). Although it's probably as legitimate a use of the shortwaves as, say, spewing paranoia and hatred, I will no longer aid and abet this silly, transparent practice.-AQ]

Christian Vision shortwave radio schedules Valid from 28th March 2004

Asia (Voice International)

0100-0400	Hindi	11850
0500-1100	Hindi	13630
0600-1000	Indonesian	17820
0700-0900	Chinese	17830
0900-1100	English	11955
0900-1300	English	13685
0900-1400	Chinese	13770
1000-1300	Indonesian	15365
1100-1400	Hindi	13785
1100-1800	English	13635
1300-1700	Indonesian	7180
1400-1700	Hindi	9855
1400-1800	Chinese	13660
1800-2100	English	6115
2200-0100	Chinese	15165
2300-0200	Indonesian	15250

Africa (Radio Christian Voice, Zambia)

0500-1600	English	9865
1600-0500	English	4965

Latin America (Voz Cristiana/Voz Crista)

0000-0800	Spanish	15375
0800-1100	Portug.	6110
0800-1100	Spanish	5995
1100-1300	Spanish	11935
1100-2300	Portug.	21500
1100-2400	Spanish	17680
1200-2200	Spanish	9635
1300-1400	Spanish	21550
2000-2300	Portug.	15365
2100-0100	Portug.	15475
2200-1200	Spanish	6070
2300-0800	Portug.	11745

(Gupta-IND)/Japan Premium)



QSL Report

Sam Barto • 47 Prospect Place • Bristol, CT 06010

ANDAMAN & NICOBAR ISLANDS: All India Radio 4760 via Port Blair f/d ltr. w/ details, station ans island info. in 70 ds. for 1 IRC (returned) My rpt. was sent via registered mail. v/s K.S. Venkateswarlu, Station Engineer. Nice stamps on the envelope. (Barbour-NH).

ASIATIC RUSSIA: Radio Vlaanderen International 9945 via Irkutsk f/d "Aa * 1st Belfort" cd. in 40 ds. for \$1.00 (returned). (Barbour-NH). **FEBA Radio** 9445 via Novosibirsk f/d "Legacy" cd. w/ site and a friendly personal note from Mike Proctor w/ previously reported info. regarding FEBA QSLs and experimenting w/ e-mail for "Quasi QSLs" for those writing to "Spotlight" program. This in 41 ds. for a rpt. to the Cyprus address. (Barbour-NH).

AUSTRALIA: Radio Australia 21740 via Shepparton f/d "Southbank Centre" cd. w/ schedule and antenna pamphlet in 83 ds. for 1 IRC. v/s Jan Johnson. (Brouillette-IL).

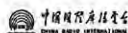
HCBJ 11750 via Kununurra f/d "Welcome to our Property" QSL sheet in 23 ds. for 1 IRC. (Barbour-NH).

AUSTRIA: Radio Austria International 9870 and 7325 f/d "St. Stephen's Cathedral" cd. w/ wrong freq. in 26 ds. for 1 IRC. (Brouillette-IL)

BRASIL: Radio Trans Mundial 11735 date only ltr. w/ 2 book markers in 32 ds. v/s Jose Eduardo Dias, Diretor Executivo. Station transmits over the facilities of **Radio Nova Visao**. (D'Angelo-PA).

CANADA: China Radio International 9790 via Sackville Nice package containing f/d "Jinggan Mountains, Jiangxi, Dawn at Ciping" cd. w/ stickers, paper pennant and a personal note.

Dear Mr. Louis Smith,



We are glad to verify your reception report on our program transmitted on 9690 KHz at 03:00 hours - hours UTC dated Jan 29, 2002

Your further reception reports on our broadcasts are welcome.

Sincerely yours,
English Service
China Radio International



BAYRAK

Radio & Television Corporation

"Voice of the Turkish Republic of Northern Cyprus"

Visit our Homepage at:

Internet <http://www.brt.gov.nc.tr>

e-mail us at: brt@cc.emu.edu.tr

Dr. Fazıl Küçük Boulevard

BRT Sitesi

Lefkoşa-TRNC

via Mersin-10, TURKEY



Turkish Republic of
Northern Cyprus

Not the first package from CRI but definitely the most attractive. (Barbour-NH).

CLANDESTINE: Falun Dafa Radio 9315 f/d cd. in 2 mo. after a f/up rpt. v/s * Ludo Maes. (Paszkievicz-WI). **Radio Voice of the People** 7120 e-mail reply in 6 hours from v/s John Masuku, Director. Thanks to Vashek Korinek for the assistance. (D'Angelo-PA).

CUBA: China Radio International 9580 via Havana same package as CRI Sackville in 22 ds. for 1 IRC. (Barbour-NH).

ETHIOPIA: Radio Fana 6210 f/d green cd. w/ station seal and schedule via registered mail in 35 ds. for \$2.00. v/s Woldu Yemessel, General Manager. Nice stamps on the envelope and several "Fana Radio, Archives and Record Service" ink stamps on the reverse. (Barbour-NH).

EUROPEAN RUSSIA: Radio Studio 6245 via Saint Petersburg f/d "St. Petersburg, The Hermitage, The Winter Palace" cd. w/ station seal and pocket calendar in 40 ds. for 2 IRCs. v/s Paul Vinel, Engineer. (Barbour-NH).

Classic Rock Radio

EUROPIRATE: Radio Scotland Inter-

* national 6270 f/d cd. w/ personal ltr. and several photos in 30 ds. for \$2.00 and 1 IRC. Addr: P.O. Box 85, 9410 AB Beilen, Holland. (Wood-TN).

FRENCH GUIANA: Swiss Radio International 11660 via Montsinery f/d "Swiss Scenes" cd. in 26 ds. for 1 IRC. (Brouillette-IL)

GERMANY: Info Radio / Rundfunk-Berlin

* Brandenburg 7265 via Sudwestrundfunk p/d "Logo" cd. w/ station stamp and a "Sender Freies Berlin" cd. in 18

* ds. (Barbour). Evangeliums Radio Hamburg 6045 QSLed in 31 ds. w/ a hand-written f/d Christmas cd. from v/s Wilma Waldneg for the "ECR Team" who notes, "Now we have no information because my husband died in August 2003. He was a pioneer for EVR Hamburg. We

Subj: Re: Reception Report
Date: Sun, 2 Sep 2001 2:28:24 AM Eastern Daylight Time
From: "Classic Rock Radio" celanasicrockradio@hotmail.com
To: Rdapjfo@aol.com

hello.

thanks for the e-mail report.

For official reports write too po. box 663 7900Ar Hoogeveen Hetherland

New station. New thoughts, but with golden rock music

CRR the station to tune in to, soon an short-wave



are a very small Christian radio station in Germany." (D'Angelo-PA). Pan American Broadcasting 15650 via DTK Julich p/d ltr. in 23 ds. from v/s Walter Brodowsky, Account Manager. * (D'Angelo-PA). Radio Xoriyo 9820 via DTK Julich p/d ltr. in 10 wks. * (Craighead-KS). Evangelische Mission-Gemeinden in Deutschland 9860 via DTK Julich f/d yellow "Logo" cd. in 2 wks. v/s Michael von Kern. (Craighead-KS). Radio Free Afghanis-

LASER HOT HITS

BOX 272 MERLIN
CHICAGO
CANADA
MPF 1702

QSL via Chris Lobdell

We thank you for your reception report for our transmission on

16TH APRIL 1994
ON 7415 KHz.
23:20 - 23:44 UTC
SINPO 44433

tan 15525 via Holzkirchen f/d cd. in 2 yrs. from Prague. (Craighead). GREECE: Radio Station Makedonias 7430 f/d "Smiling Castle" logo cd. w/ sticker and a "Thessaloniki" post card in 333 ds. v/s Tatiana Tsioli. (Barbour-NH). same in 377 ds. for 1 IRC (returned). Addr: ERT SA, Subdirection of Technical Support, PB 11 312, 541 10, Thessaloniki, Greece. Actually gave



By this letter is confirmed that listener *Richard* heard us at the frequency *7415*.....khz. The date/time when we where Broadcasting whas *26 Aug 2001* at *23:20*.....UTC. The Power That we used whas *200*..... watt.

via Richard D'Angelo At First i would thank you for you'r reception report. It whas verry usefull and fun to read it.

My name is Marcel (24), i live with my girlfriend named Rolinka (25) in the city Hoogeveen, the population is around 60.000 people.

i am a plasterer and my girlfriend works as a nurse in a hospital. We don't have kids, maybe with in a few years to come(i hope).

How did i get this hobby, well my girlfriends father has also a free-radio Station named Radio-Bandolnica when i met my girlfriend i did'nt know nothing from that hobby. it took 1 year when i get that pirate virus to.

So Thank you Verry much, inside this letter there is a ballpoint attached. hope you'll like it

Greetings from the Netherlands and hope tho hear you soon

Marcel

7450 f/d "Map/Logo" cd. w/ postcards and stickers in 60 ds. for a taped rpt. (Klinck-NY). Radio Free Iraq 7105 p/d cd. in 41 ds. after a f/up rpt. for a total of 325 ds. for \$1.00. (Brouillette-IL).

GUAM: Adventist World Radio

15495 f/d "Three Wise Men" cd. w/ site in 26 ds. from the UK address. (Barbour).

GUATEMALA: Radio Verdad 4052

f/d cd., w/ calendar, penant, literature and a persobal ltr. in 83 ds.

v/s Dr. Edgar Amilcar Madrid. 610 watts. Addr: A. P. 5, Chiquimula. (Wood-TN)

HAWAII: KWHR 9930 f/d "Map"

cd. in 13 wks. for a World Falun Dafa broadcast. (Craighead-KS).

ICELAND: AFRTS 13855 (USB)

* friendly e-mail reply in 6 ds. from "JOCS(SW) Trish Huizinga. (Howard-CA).

QSL

Confirmação Oficial de Recepção
§ Rádio Educação Rural §



BRAZIL

Sr. Jerry Klinck, U.S.A.:

Temos o prazer de confirmar a informação de escuta do dia: 18 Novembro, 2001 na frequência de 3,385 kHz, das 23.38 : 00.08 hs [UTC].
Potência do emissor: 5 kw.

Sinceros agradecimentos,

João Joaquim
Oficial

FUNDAÇÃO DDM JOAQUIM

Sede Social: Pça. Santa Teresa, 273 - Centro
CEP 69470-000 - TEFÉ - AM

RÁDIO EDUCAÇÃO RURAL DE TEFÉ/AM
Oficial

Av. General Torres, 283

CEP 05470-000

JAPAN: NSB/Radio Tampa
3925 f/d "Globe and
Music Score" cd. in
10 ds. (Craighead-KS).

LATVIA: Radio Marabu
* 9290 f/d "Stork" cd.
w/ sticker, German
info. sheet a "Frien-
ds of Radio Marabu"
membership form and
a schedule in 88 ds.
for 1 IRC. (Barbour).

MALAGASY REPUBLIC: Rad-
io Voice of Hope
12060 and 15320 via
Talata p/d ltr. in
3 mos. v/s Elizabeth
Limagur. Strangely,
the envelope had no
Uganda stamps on it

but bore one 37 cent U.S. stamp and the cover of a U.S. 37 cent stamp booklet - each cancelled "Kampala, Uganda": (Craighead-KS).

MEXICO: XERTA 4810 e-mail reply in 1 mo. and mailed hard copy w/ \$1.00

* v/s Presidente Y Director General: Ruben Castaneda Espindola.
(Howard-CA).

MOROCCO: Radio Free Iraq 7175 via Brieche f/d "50
Years" cd. in 2 wks. (Craighead-KS).

RUSSIA: TDP Radio 7560 f/d cd. in 2 mos. v/s Ludo
Maes. (Paszkievicz-WI).

SAIPAN: KFBS 11580 f/d "Rainbow over Transmitting
Site" cd. w/ schedule, info. sheet and a personal
ltr. in 24 ds. for ms. (used). v/s Irene Gabbie, QSL
Secretary. (Barbour-NH).

SURINAME: Radio Apintie 4990 e-mail reply in 9 hours from
Charles Vervuurt, Director. He talked about the new
1000 watt transmitter and the 6 element log periodic
antenna beamed to the interior. (D'Angelo-PA).

SWITZERLAND: Swiss Radio International 9885 via Sottens
f/d "Swiss Scenes" cd. in 26 ds. for 1 IRC. Also rcvd.
schedule, azimuth map and station info. (Brouillette-IL).

URUGUAY: Radio Oriental 9595 confirmed my rpt. w/ 2 e-mail
* replies from Secretaria Oriental (secretaria@oriental.com.
uy in 13 ds. for v/s Dr. Pbro Jorge Techera. They plan to
send QSL cd. via mail. Station requests reports. Addr: Calle
Cerrito 475, 11000 Montevideo, Uruguay. (D'Angelo-PA).

USA: WINB 9320 f/d red, white and blue cd. w/ schedule in 26 ds.
for SASE (used). v/s Fred W. Wise. (Barbour-NH). WMLK 7385 f/d
ltr. for its portion of the Voice of NASB broadcast via WRMI

* in 35 ds. v/s Elder Jacob O. Meyer. (D'Angelo-PA). Radio Free
Cascadia International 15045 f/d "Photo Montage" cd. w/ personal
note, form ltr. &
CD of "Five Days Over
Seattle" in 6 mos.
Station says RFCI is
currently planning our
next transmission. They
say the site is in the
Pacific Northwest Casca-
des. They broadcast in
solidarity with but not
in collaboration with
RFPI". (Craighead-KS).
WHRA 7580 cd. in 1 mo.
(Field-MI).

VERIFICATION CARD

Thank you very much for your reception report on our broadcast.

The information given is in accordance with our schedule.

We hope you will continue to enjoy our programmes and send us your thoughts about them.

受信報告ありがとうございました。内容はラジオ日本の放送と合致しております。これからも番組についてのご感想をお寄せください。

NHK WORLD RADIO JAPAN

NHK TOKYO 150-8001, JAPAN

Dear Mr. Scott R. Barbour Jr.,

We are pleased to confirm that the station you heard is Radio Japan.

The details are as follows:

Date: November 21, 2001
Time: 05:00 - 05:30 (UTC)
Frequency: 7230 kHz
Transmitter Site: U.K.
Service: General in English



Yaguchi
T. Yaguchi

〒150-8001 (東京都)
Paseanmon Dnyng (Sage Prefecture)



Pakistan Broadcasting Corporation
 Frequency Management Cell, National Broadcasting House
 Constitution Avenue, Islamabad - 44000
 PAKISTAN



USA (Pirates): Ironman

Radio 6925 verified
 w/ a f/d "VW 2003
 Kulpville Tour Van"
 cd. in 28 ds. from
 v/s Scruffy. QSL #
 35. (D'Angelo-PA).
 WJFK 6955 unsolici-
 ted "Broadcasting
 throught Eternity"
 QSL sheet w/ 1998
 date and 7145 frequ-
 ency crossed out &
 2003 and 6955 written
 in. Based on what I

Thank you for your report on our _____

CHINESE

Service from 1200 to 1230

GMT on 15:00, 19:00 kHz. Monitors
on 8-2-2001

If you require any further information on any of our _____

Mr. Samuel Barbo
47-Prospect Place,
Bristal
USA

have read in the usual DX / Pirate lists, WJFK did not broadcast in 2003. I received the same style sheet last year, though properly marked "2002" for another broadcast I did not hear. (Barbour-NH).

UZBEKISTAN: Radio Tashkent 6025 date only confirmation ltr. w/ schedule in 26 ds. for \$2.00 from their "Correspondence Section". The letter also thanked me for completing their listener survey that I enclosed w/ my rpt. I liked the "Uzbekistan" paper strip pasted over "USSR" on the Radio Tashkent letterhead. (Barbour).

in 26 ds. for \$2.00 from their "Correspondence Section". The letter also thanked me for completing their listener survey that I enclosed w/ my rpt. I liked the "Uzbekistan" paper strip pasted over "USSR" on the Radio Tashkent letterhead. (Barbour).

VENEZUELA: Radio Amazonas

4940 f/d "Radio Continental" QSL cd. with hand written in "Radio Amazonas" and a personal ltr. in 91 ds. via registered mail for a SP rpt. w/ tape and \$1.00. Station stated that this was the second QSL they sent to me. (Klinck-NY).



QSL



Dear Shri Richard A.D'Angelo,

We are pleased to verify your reception of Radio AIR, Jeynre (Orissa)

Date of reception: 07-11-1998

Time: 0025 to 0105 UTC or 0555 to 0635 (IST)

Frequency: 3040 kHz

Transmitter power: 50 kilowatts

We have checked your reception report and have found that it agrees with our station log. Thank you for listening.

*Shri Richard A.D'Angelo
 Jeynre, Orissa
 7-11-1998*

NOTES: Marlin Field suggests that we include some of the addresses for some of the more exotic QSLs. It would help many of us out especially if the WRTVH hasn't been updated recently....Sam.

via Edward Kusalik
 Voice of the People of Kurdistan
 Patriotic Union of Kurdistan (PUK)



'Aira dangi Geli Kurdistan'
 'Hema sibhe'at sawt sha'bal-Kurdistan, sawt al-Itihadi al-Watani al-Kurdistan'

This is to confirm your reception of our station - Voice of the People of Kurdistan, broadcasting on the frequency of 6995 kHz 42:88 meters short wave, as correct. You heard our station at 03:10 to 04:35 hours UTC on the Date of December the 13th, 2000, December the 14th, 2000 from 04:01 to 04:22 hours, UTC as well. Thank you for your interest.

COMMENTS:

A. B. Z. A. C.
 (Signature)

Not too much more to report so I'll end the QSL Column at this point. Till next time....Sam.



您所提供的報告內容與本台播出的節目一致，謹此證明。

Date: Dec. 03

Hour: 0700-0745

Frequency: 7145

Program language: english

To: Henry

Your reception report has been verified as correct. We would be glad to hear from you again.

巴西聖保羅市
 Contents of Bank Release
 Agnelo Silva De Nazarenno

have our support

Jesus R12

*Dear Henry:
 Keep walking!
 though you don't see
 Job, you've got
 do gifts and talents
 And endowed you with
 love in Jesus R12*

Net Notes

Tom Sundstrom • P.O. Box 2275 • Vincentown, NJ 08088-2275 • Fax: 609-859-3226 • trs@trsc.com
<http://www.trsc.com>

Were you at the 'fest? What a blast! It was good to see friends from near and far again. The countdown to 2005 is already running.

Our intrepid NASWA Desktop Publishing/Graphics Editor sent us a rather odd weblog for your perusal. It is written from the perspective of the Solar and Helio-spheric Observatory satellite that is studying the sun. Two examples:

"What the KSC release doesn't say is that this change will severely affect the timing for the cruise to Mercury, moving orbital insertion from 2009 to 2011."

"Here's hoping luck changes for the guys at APL. MESSENGER must be going crazy sitting around in the processing facility. I know I got pretty anxious on my transit to L1.. and that wasn't nearly as far!"

The Web site is actually quite interesting and informative.

Have a read a **livejournal**.
.com/users/soho_sat/ and judge the approach for yourself. Thanks, Ralph!

Press services provide the news to the newsdesks of the stations you listen, and the latest Hamas leader assassination is churning the Middle East tensions. Read in the Palestine News Agency at **english.wafa.ps** or **wafa.pna.net** -- and look at the complete press agency list on the RNW Media Network (**medianetwork.nl**). I just updated the worldwide list.

In the past few month a discovery expedition has turned up streaming stations that — so far as I can tell — have received much publicity in the hobby literature that crosses the desk. Have a listen and a look. Your feedback and suggestions on what you are listening to are welcome. Here goes...

Argentina: Buenos Aires: Radio Metro 95.1 "Metrodance" has dance club party music with the crystal ball whirling about:

<mms://200.69.47.247/metro>

Georgia: Georgian TV 1st Channel
<http://ibm3.iberiapac.ge:8080/ramgen/broadcast/1tv.ram>

Kurdistan: TV Live 16-23 CET
<http://212.204.193.139/ktv/index.htm>

South Africa: Channel Africa
Eng 03-10,11-13,14-16,20-22 UT
<mms://streamer.sabc.co.za/caflive>
Johannesburg 702 Talk Radio
mms://196.35.64.36/702_16

United States:

NASA TV

<http://science.ksc.nasa.gov/cgi-bin/rng2.pl?encoder/nasatv.rm>

VOA Live Video

<rtsp://a1702.l211044476.c2110.g.lra.kamaistream.net/live/D/1702/2110/0001/reflector:44476>

VOA News Now

<http://www.voanews.com/real/live/newsnow.rm>

NPR Program Stream

<http://www.npr.org/dmg/dmg.php?getProgramStream=true&NPRMediaPref=W M>

—
Different Kind of Oldies Show
Big Steve Cole | WBCQ & Net
dkosmedia.com <= multiple servers

—
World of Radio Show | Glenn Hauser
weekly, WWCR, WBCQ, etc
<rtsp://66.28.252.97:554/today/glennhauser.rm> (this via WRN)

Want to see more listings? Tell me.

Contributors' Page

Bob Montgomery • P.O. Box 1458 • Levittown, PA 19058 • RMonty23@netzero.net

DEADLINE FOR CONTRIBUTIONS IS THE 10th OF THE MONTH

The following members sent in contributions:

Brian ALEXANDER, Mechanicsburg, PA	NRD-545 AOR AR-7030 100' LW
Scott BARBOUR, Intervale, NH	R-75, MLB-1, RS antenna system
Jerry BERG, Lexington, MA	R8A 165' LW
Luca BOTTO FIORA, Rapallo, ITALY	No equipment listed
Eric BUENEMAN, Hazelwood, MO	ATS803S, MFJ-1778, G5RV, MFJ956 tuners
Jim CLAR, Rochester, NY	R8, 2010, RF Systems mini-windom ant
Rich D'ANGELO, Wyomissing, PA	TenTec R340, Lowe HF-150, DX Sloper
Kris FIELD, Horsham, PA	Drake R8, long wire
Bob FRASER, Belfast, ME	Sony ICF-2003 ICF-SW100s 2m LW
Ron HOWARD, Monterey, CA	NRD545, LW 160'
Steve KAMP, Sacramento, CA	Drake R8, AOR WL-500
Fred KOHLBRENNER, Philadelphia, PA	Drake R8, NRD-525, Datong FL3
William McGUIRE, Cheverly, MD	DX-380
Bob MONTGOMERY, Levittown, PA	NRD535D, R390A, RX320, HF150, SE3, T2FD,
David MUEHLING, Portsmouth, NH	Sat 800, 40' long wire
Sheryl PASZKIEWICZ, Manitowoc, WI	ICOM R-8500, NRD345, AOR LA-350

Nice turn out this month. Another successful Winterfest. Each year they seem to get a little better. This year, the forums expanded to late Friday evening.

Spring has finally arrived. Happy to see it once again.

73

Bob Montgomery



On the Short Waves by Jerry Berg

<www.ontheshortwaves.com> Update, March 5, 2004—Under "Articles, Research, etc.," "Pot Pourri": In the 1920s, Westinghouse transmitted programs to the Canadian north by way of the experimental shortwave channels of some of their AM stations, specifically KDKA-Pittsburgh, Pennsylvania, WBZ/WBZA-Boston/Springfield, Massachusetts, and KFKX-Hastings, Nebraska. We have a brochure about the service, produced by the Oblate Fathers circa 1927, along with an accompanying postcard.



Tropical Band Loggings


Dan Ferguson • 12053 Kahns Road • Manassas, VA 20112 • troplogs@zerobeat.org

- 1819.85H **COLOMBIA Ondas Porvenir** Samac 1000-1055 nonstop LA standards. "...Radio sesenta uno ...Colombia..." by M, only anmt, 3/15 (Wilkner-FL)
- 2200.21 **COLOMBIA Em Ideal** Planeta Rica 1000-1020 w/mx // harmonic on 3300.18. Nothing on the fundamental frequency. (Wilkner-FL)
- 2310 **AUSTRALIA ABC** 1210 3/6, EE pops, poor, //2325 & 2485, all poor (Lineback-KS)
- 3200 **SWAZILAND TWR** Mpangela Ranch 0309-0309 M in presumed Ndebele, 2/27. (Field-PA)
- 3205 **PNG R. Sandaun** 1143 3/6, vern pops, poor under powerful ute. (Lineback-KS)
- 3234.85 **PERU R. Luz y Sonido** Huanuco 1030-1050 splendid rustic Peruvian flutes, M w/ "...nacional... Radio Luz y Sonido... bienvenidos...56 minutos en Radio Luz y Sonido..." blasting in 2/11. (Wilkner-FL)
- 3240 **SWAZILAND TWR** Mpangela Ranch 0308-0308 M&W in presumed Shona, 2/27. (Field-PA)
- 3250 **HONDURAS R. Luz y Vida** 0345 2/25 SS talks, fair on new AOR LA-350 loop. Random wire wasn't even picking it up. (Paszkiwicz-WI)
- 3255 **S.AFRICABBC03522/22** talk, promos, ID, EEnx; F/P (Bueneman-MO) 0312-0312 MinEE2/27. (Field-PA).
- 3259(U) **JAPAN NHK-Kukuoka** 1117-1145 2/24, JJ pgm, some music, poor; //3607.5(U). (Howard-CA)
- 3260 **PNG R. Madang** 1145 3/6, Vern/EE pops, M in Vern, poor. (Lineback-KS)
- 3275 **PNG R. Southern Highlands** 1158 3/6, pops, fading in and out, very poor. (Lineback-KS)
- 3280 **ECUADOR R. Maria** I found their prgmmg in // via LV del Napo-3279.53 and newly reactivated Voz del Upano-4869.94 at 0330 Mar 1. I checked them later and found Napo breaking away and going into their own prgmmg at 0858, while Upano stayed with Maria (probably until 1000). No sign of Upano at all on the morning of Saturday, Mar 6, 0800-1000+ checks, but they were back on Sunday Mar 7, with Napo starting to break away from Maria prgmmg at 0950, for the first 5 mins. giving Napo IDs and atenciones but returning to the Maria pgmg for brief mx bridges. (Berg-MA)
- 3291 **GUYANA R. Guyana 2**, 0313-0313 2/27 M leading vocal singing group in SS pop song. (Field-PA) 0259-0325 3/9 M EE rel/political cmtry, frequent mentions of Guyana. Poor (Kohlbrener-PA) 0100-0110 rock mx, then W w/lottery numbers repeated several times. (Wilkner-FL) 3291.07 0822-0840+ tune-in Hindi vcls; EE ID 0830, into rel choral mx. ID & TC 0840; quite a variety of pgming; strong 2/28. (Alexander-PA) 3291.1 EE 0306 2/28 EZL mx, promo, "I Just Called to Say I Love You," followed by the much-reported obits. or necrology anmts at 0330. (Clar-NY)
- 3300H **COLOMBIA Emisora Ideal** 1046-1053 2/23 SS, mx, under excessive static and QRN, short talk then back to music at 1053. Very poor, noisy. (Barbour-NH)
- 3306 **ZIMBABWE R. Zimbabwe** pretty good 0145 2/17, upbeat Afr vcl mx, animated anmts and talkovers by M in lang; lost quite a bit of strength by 0235. Poorer at arnd same time Feb 18. (Berg-MA) 2146-2203?, 2/23, vern/EE, EE reggae mx, including a version of "Whiter shade of grey" w/ M talk over in Vern. Choral like mx 2159 abruptly engulfed in noise 2203. No ID noted. Unsure if sign-off or just excessive noise but nothing else noted after listening for several minutes. Fair signal hampered by excessive static. Also 0132-0200 cont instl Afro-pop mx w/ M talk over at each songs end. Signing M w/ choral accompaniment at 0132 and 0200, possibly a "jingle" ID tho no mention of Zimbabwe. Fair signal w/ much less static and fading as my prior 2146-2203 log. (Barbour-NH) 0330 2/29 P/F; tribal rhythms, tlk and phone calls. (Clar-NY) 0313-0313 2/27 mixed Afr vcl group. (Field-PA). 0102 2/25; reactivated; nice copy // 4828 usually better. (Montgomery, PA) 0223-0325 3/3, vern, Afr mx, nat'l hymn(?), ID "Radio Zimbabwe", TC, phone-in-pgm, phone no; good. (Howard-CA)
- 3320 **S AFRICA R. Sondergrense** 0307 Afrikaans ann., Vienese waltzes, lottery numbers; 02/29; fair (Srebnick-NJ) 0314-0314 2/27 pop song 'Islands in the Sun'. M&W in Afrikaner. (Field-PA) 0157 3/11 pop tune, poss news in local lang at TOH. (Montgomery, PA) 0319 2/28 Afrik. P/F w/noise. M w/tlk, pgm of pop mx (incl. a version of "Swing Low, Sweet Chariot"), ad (?) or promo and ID. (Clar-NY)
- 3324.8 **GUATEMALA R. Maya de Barillas** 0310-0340 SS, techno/disco music, Christian pops, M ID "Esta es R Maya, TGBA, desde la ciudad de Barillas, Guatemala, America Central." Had been unheard in some time. Fair-poor. 2/20. (Brouillette-IL)
- 3325 **KALIMANTAN RRI Palangkaraya** 1221 3/6 M Indo, RRI ID & NA after Jakarta nx, fair. (Lineback-KS) 3/1&2 tent 1240-1302 talks, vocals, 1255 anmt, instl theme, nx. 4750 & 3976 also in (Paszkiwicz-WI)
- 3326 **NIGERIA R. Nigeria** Lagos 0435-0447 3/12 M EE tlks, choral mx; vy poor. Also
- 3340 **HONDURAS HRMI** 0232-0258 Mar 9 Lively SS vocals, religious tunes, occasional talk and ID at 0256. (Kohlbrener-PA)
- 3340 **HONDURAS HRMI** 0315, SS talk, CW QRM, poor; 02/29 (Srebnick-NJ)
- 3340 **HONDURAS HRMI** 0245-0504* SS rel pgming. R. MI IDs at 0300 & at s/off. Off with lite instrmx. Fair-good. (Alexander-PA 2-13)

- 3340 **HONDURAS Radio Misiones** Comayagua presumed, 0105 to 0120 with Evangelical Christian sermon by om in English, then in Spanish, each short phrase translated immediately, good signal 29 Feb (Wilkner-FL)
- 3340 **HONDURAS R. Misiones Internacionales** in SS, 0340-0345, Christian pop, M w/ ID. Very poor. 2/20. (Brouillette - IL)
- 3345 **MOLUCCAS RRI Ternate** 1147 3/6, Indo pops, poor (Lineback-KS)
- 3345 **S.AFRICA AWR (P)** 0345 2/29 EE "Straight Talk" feature, pgm note re a current affairs pgm target to the "African dispersion and the world." (Clar-NY)
- 3355 **PNG R. Simbu** 1148 3/6, EE C&W ballads, fair. (Lineback-KS)
- 3365 **PNG R. Milne Bay** 1151-1220 3/6 M&W in vern, very poor, // 4890. (Lineback-KS) 1147-1153 3/2 M&W talks; very poor, just audible. // 4890. (Barbour-NH) 1051-1102 3/11 EE; brief window w/surprisingly decent reception at t/in. Mx, to talk 1100, (p) conch shell tone and W w/news, //4890. Fair at t/in, then deteriorating rapidly. (Barbour-NH)
- 3373.5U **JAPAN NHK-Osaka** 1134 2/24, EE lang lesson, JJ px 1140; fair. (Howard-CA)
- 3375 **BRAZIL R Educadora** 0950 2/25 vcls, tlks, ID 0958, poor but clear (Paszkievicz-WI)
- 3375 **PNG R. Western Highlands**, 1152 3/6, EE ballads, poor. (Lineback-KS)
- 3385 **N.BRITAIN RENB Rabaul**, 1153 3/6 vern pops, M in Vern, fair but with ute QRM, still going at 1218 w/pops, not par 4890. (Lineback-KS) 1153-1211, March 2, "Bouncy" island music at t/in, talks at 1156 w/ (tentative) mention "PNG", then alternating music and talks until 1211 fade-out. Poor, possibly // 4890 after 1200 but too much fading on both freq's to be absolutely certain. (Also noted weak carriers on 3305 and 3345 around these times.) (Barbour-NH) 1144 3/7. P-F w/fdng and QRN. M w/ ments. "Papua New Guinea" (no ID hrd) and prgm. of pop/rock mx. Chat w/a woman (by phone maybe??) also. (Clar-NY)
- 3925 **JAPAN R. Tampa/NSWC** 1051-1103 3/2, M&W JJ tlks, brief musical bits, diff. M 1058, long pip and M w/ presumed ID 1200, into news. Poor, fading under QRN. // 9595 weak. (Barbour-NH)
- 3950 **GHINA Xinjiang PBS** Urumqi, 2341 3/20 CC; // 5060 is delayed some seconds (Botto Fiora-GRAL Italy)
- 3955 **RUSSIA VoR Vlad.**, 1212 3/6, M in RR, poor (Lineback-KS)
- 3955 **UK R. Korea Int.** Skelton, *2200-2230* 3/6, EE RRI s/on, IDs, nx, mailbag show; 2216 monthly telephone "DX Report" by Victor Goonetilleke, recent DX sources said 3950 but I found it back on 3955, good (Botto Fiora-Italy)
- 3960 **SULAWESI RRI Palu** 1215 3/6 M in Indo, Indo pops, vy poor under heavy ARO QRM. (Lineback-KS)
- 3976 **KALIMANTAN RRI Pontianak** 1016-1030 2/23, II mx & tlks, presumed ads/anmts 1028, presumed ID 1030 nouncements at 1028 followed by preseumd ID at 1030, immediately over-taken by amateur traffic. Weak/poor. (Barbour-NH) 1204 3/6 M&W RRI rx; M w/ under ARO QRM. (Lineback-KS)
- 3990 **CHINA Xinjiang PBS** Urumqi, 23393/20WUighurtlk; strong QRMDW3995, poor (Botto Fiora-GRAL Italy)
- 4000 **IRAN VOIRI** 0217-0232 3/9, Tajik (listed), Arabic-style mx & tlks, choral mx 0230; into Ko'ran like chanting. Poor. (Barbour-NH)
- 4000.0 **SULAWESI RRI Kendari** 1205 3/6, RRI nx, poor. (Lineback-KS)
- 4052.45 **GUATEMALA R. Verdad** Chiquimula 0000-0035 segment requesting reports in English. "Voice of the Bible, Post Office Box....." by M, 2/9. (Wilkner-FL) 4052.5, 0109 3/1 rel mx, SS ann; fair. (Srebnick-NJ)
- 4409.84t **BOLIVIA R. Eco** Reyes, 2330-2400 weak. Can it be confirmed that Radio Eco is operating at this time? 2/23-25. (Wilkner-FL)
- 4600.20t **BOLIVIA R. Perla d' Acre** Cobija, 0000-0020+, 3/22&23. (Wilkner-FL)
- 4606.4 **PAPUA RRI Serui** 1206 3/6, RRI nx, poor. (Lineback-KS)
- 4684.32 **Bolivia R. Paaiti** Guayamerin, 1030-1045, much weaker since freq change 2/29. (Wilkner-FL)
- 4698.09 **GUATEMALA R. Amistad** (P) 0906-0922 3/16 SS pop like mx & tlk, vy wk but steady signal under mild QRN, no chance for an ID. (Barbour-NH) 4698.71, 1140-1210, 3/19 presumed the one struggling w/xmtr, poor mod. Also 1100-1130 3/24 distorted signal, strong into south Florida. "...hermanos en radio xxxxx....radio emisoraradio ami xxxxx...". No clear ID's, M in SS; clearly tunable in FM mode, AM synchro, but pulse UTE on usb, best in lsb, or strangely FM, transmitter subject to drift. (Wilkner-FL)
- 4716.71 **BOLIVIA R. Yura** (P) 2350-0005 3/9 W SS, woman in SS, poor (Kohlbrenner-PA)
- 4722.9 **BOLIVIA R. Uncia** 1002-1020 3/9 M SS ballads & talks, presumed ad /anmt block, passing mention of "Radio Uncia", beginning to fade under QRN at 1015. Poor, very noisy. (Barbour-NH) 4722.89 1000-1020 good signal with Bolivian music, om and yl announcers, two mentions of Unc^a, but tough copy due to UTE, 2/24; similar with music and seeming announcement of Unc^a, 2/25; 0948 to 1030 "...informacion la emisora ... Bolivia....departamento ...Santa Cruz....oposition en Santa Cruz... presidente..." good signal on 2/27. Received a very welcome early morning email from Dave Valko with R. Pio Doce ID for 4722.89. Pulled a strong parallel to 5952.4, Radio Pio Doce for twenty minutes. The question; is the parallel of a programme or two frequencies for Pio Doce? The programme seemed political. 2/27. Thanks to Dave Valko log, pointing out the ID or would not have looked for the parallel. (Wilkner-FL)
- 4740.1 **VIETNAM Son La** (Tent) 1220 2/24 repetitive chanting, 1230 into lang.(?), poor. (Howard-CA)

- 4747.92 **PERU R. Huanta** 1040-1051 3/2 M SS tlks, mx, ment "Radio Huanta" 1043; good at t/in, then fading fast. (Barbour-NH) 1120 3/21 SS ballads, "musica rustica" etc., tlk & "Yo soy R. Huanta" ID's. Poor-Fair at peaks w/QRN. (Clar-NY)
- 4749.9 **SULAWESI RRI Makassar** 1207 3/6, back up on NF, RRI nx, good. (Lineback-KS)
- 4750 **CHINA Qinghai PBS** Xining, 2336 3/20 M&W CC tlk. (Botto Fiora-GRAL Italy)
- 4750 **SUDAN** (apparently) **R. Peace** *0230 3/14 better-than-usual signal, but murdered by local noise so basically useless. I can hear this signing on just a sliver after 0230 most nights, but so far I have only one definite albeit weak ID, at 0247 3/12 as they were switching from EE to another lang. Also 0243 3/19, EE ID "Broadcasting on 4750 kHz in the 60 mb . . ." then brief HoA mx and talk in local lang., alt. mx and talk. Strength so-so this night, varies a lot from day to day, some nights not there at all it seems, or starts post-0230; but still better than I would expect from 1 kw. Another EE ID at 0258, but weaker by then. (Berg-MA)
- 4761.65 **BOLIVIA R. Guanay** seemingly 1020-1030 usual poor signal into Florida on 2/27., usually noted 2300- 0000+ time period but not at this hour (Wilkner-FL)
- 4775 **SWAZILAND TWR** 0401-0430* 3/13, M long GG rel tlk, then W hosting rel mx features. Fair with swisher QRM. (D'Angelo-PA)
- 4775 **SWAZILAND Trans World Radio** 0422-0439 2/21, M GG sermon, vel 0425, ID 0431 rel tlk; fair with some swisher QRM. (D'Angelo-PA)
- 4779.99 **GUATEMALA R. Coatan** *1034-1045+; s/on w/rel mx; opening SS s/on anmts w/ID. Weak, poor with sweeper QRM & QRM from Ecuador's R.Oriental on 4781.36. (Alexander-PA 2-7)
- 4783.38 **MALI ORTM** 0555-0715+ guitar IS at tune in, NA 0557; FF talk; lcl Afr mx. Good. //4835, 5995. (Alexander-PA 2-14)
- 4790 **PAPUA RRI Fak Fak** 1208 3/6, M Indo pops, talk, good. (Lineback-KS)
- 4796.70 **BOLIVIA R. Mallku** Uyuni 1015-1020, Bolivian mx w/"Tidal UTE", ments de Santa Cruz and La Paz, 3/19. (Wilkner-FL)
- 4810 **MEXICO XERTA** 1120 3/7 M SS rel. tlk interspersed w/ pops, EZL and cont. Christ. mx. Nice signal marred by ever-present sweeper. (Clar-NY) 1228, 2/22 EE rel mx, vy good, but xmtr probs. (Howard-CA) 0938-1003 3/15 EE/EE contemporary rel mx, M&W phone conversation, Several quick "Radio Transcontinental" IDs. Fair w/ occasional fades. (Barbour-NH)
- 4828 **ZIMBABWE ZBC** Harare NFM, 0123 2/21 nice African music at tune in. Unknown language. Noted // to 3306 but weaker and no sweeper. M anc between tunes; really caught up in the music by his excitement. Best reception in several weeks. (Montgomery, PA) 0325 2/ M singing. (Field-PA) 0438-0450 2/28, M vernacular talks over Afro-pop style music. Very poor/weak w/ "sweeper" QRM. No sign of // 3306, I have yet too hear them at the same time at my location, it's either one or the other. (Barbour-NH) (T) in vernac 0210-0419, long-ago memories, odd freq & old WRTH's point to this one. Some disco music, then later lots of typical Afro pop w/ finger-picked electric guitars and group vocals. M DJ in vernac lang but also with many EE words and phrases. DJ shouted "To our prosperity!" a couple of different times. Couple mentions of Cote D'Ivoire. 0300 two choral hymns, last ending in "Amen." More pop mx. 0400, news or talks, each 5 mins long and read by different annrcs, M & W, possibly in more than one Afro lang. Lots of ments of Angola, India, China, Malaysia, Indonesia. One longer item dealt w/ Zimbabwe & ment'd Pres Mugabe many times. No discernable ID!! Good overall, except for nasty sweeper. 2/29. (Brouillette - IL)
- 4830 **INDIA AIR Jammu** (very tentative), 0054-0115 3/2, brief snatches of audio with flutes and apparent Hindi vocals. No chance to identify the station with its very weak signal and intermittent swisher problems. Messy, marginal reception at best making me wish I was at French Creek for this one. (D'Angelo-PA)
- 4830 **MONGOLIA HS1** Altai, 2221 3/13, patriotic song by M choir, // Murun 4895, both Fair-Good (Botto Fiora-Italy)
- 4835 **MALI RTV Malienne** 2351-0001* 2/22 M FF tlk, highlife segments, app phone calls from listeners; 2359 s/off ID & anmts; orch NA; fair. (D'Angelo-PA)
- 4840 **INDIA AIR Mumbai** 0020-0032 3/10 Hindi vocals, W w/nx 0030. Poor (Kohlbrener-PA)
- 4845.21 **BRAZIL R. Cultura Ondas Tropicais** 1004-1015+ 2/7; t/i to NA; s/on PP anmts w/IDs & into rel mx. Good. (Alexander-PA)
- 4856.2 **PERU R. La Hora** Cusco 1006 "..... cinco en la mañana este es Radio la Hora", rustic Peru music, beautiful flutes, clear signal, 3/17. (Wilkner-FL)
- 4860 **INDIA AIR Delhi** 0032-0050 3/10 Hindi vcls w/occ comments by man. Poor (Kohlbrener-PA) 1229 3/6 M in Lang, TP, W in EE w/nx, par. 4760 Leh?, 4775 Imphal, 4895 Kurseong, 5010 Thiru, all poor. (Lineback-KS) *0030-0108 Mar 2, woman with news followed by Hindi vocals and flutes. Poor to fair at tune in but steadily improving. (D'Angelo-PA)

- 4869.94 **ECUADOR LV del Upano** apparently reactivated. Alt. M&W talking over "A Time For Love" and other light instls at 2335 Feb 28, pretty good at first but signal declining. Religious male vocal at 2353, kids choral selection 2356, ID 0000 as "Rdfsra. Catolica Cultural Voz del Upano," then more singing, seemingly some prayers. Better at 0945 Feb 29 with Ecuadorean mx, full Upano ID at 1000 ancng 1x40 MW [1540 listed], 5040 (not hrd), 90.5 FM, then NA and religious prgmg. (Berg-MA) 2-29 0427-0507 SS Christian ballads, talk, Andean flutes, Hail Mary, choir, class mx, sermon (Paszkiwicz-WI) 4869.96 0240-0540+ Variety of mx during this time period. LA mx. Some HC mx. SS talk. IDs at 0300. Classical piano mx at 0301. Lite instru mx. Rel pgming after 0500 with rel recitations & talk. Also hd at 0910 check with LA mx. ID anmts at 1000, NA at 1001, followed by SS talk at 1003 & rel recitations.. Fair signal but audio a little muddy. Not offer heard on this freq. (Alexander-PA 2-29) 4870 ID thoughtfully provided on tune in, 1100-1130 "Esta es la Vos del Upano..... America del Sur", strong signal, per Dave Valko tip as Unid. 29 Feb (Wilkner-FL) 0718-0807 2/29 rel prgm, prayers and rel mx, good-fair. (Howard-CA)
- 4870 **INDONESIA RRI Wamena** 1159-1159 2/27 M talks, 1200 SCI- so now I know its Indonesia and presume Wamena on this freq. (Field-PA).
- 4875 **BRAZIL R. Roraima** 0242-0300 2/13 PP Brazilian pops, synthesized voice ID jingles, promo for religious prog. 2/13. (Brouillette-IL) 0345-0403* 3/16, continuous English lyric pop mx to M ancrr PP ID, freq anmts 0358; choral NA. (D'Angelo-PA)
- 4890 **PAPUA NEW GUINEA NR** 1203 3/6, EE nx, fair to good. (Lineback-KS)
- 4895 **BRAZIL R Bare** 2-28 0337 ballads, ID (Paszkiwicz-WI)
- 4895 **BRAZIL Rádio Bare** 0407-0442 3/15, romantic vocals; M ancrr w/PP talks & IDs 0407 and 0424. Fair. (D'Angelo-PA)
- 4903.55 **BOLIVIA R. San Miguel**, 0950-1005 3/16, SS ID, mx, presumed devotional until 0959. Cuckoo clock followed by "Radio San Miguel" ID and anmts over mx. Good at t/in, choppy under increased QRN at t/out. (Barbour-NH) 4903.82 0925-0940+ Lite instru mx, local ballads. SS talk. ID, anmts, jingles. Fair. (Alexander-PA 2-27)
- 4910 **ZAMBIA ZNBC** 2150-2203* 2/24 M vern phone-in program; 2200 s/off anmts over mx, NA until sign-off. Fair w/ relentless "sweeper" QRM. (Barbour-NH) 0256. 2/29. F-G w/ sweeper QRM. IS, Afr. rhythms into tlk, pips, "Pgm 1" ID followed by (presumed) nx at 0300. (Clar-NY) 0345-0405 3/9 Afr vcls over drums, W in vern; quick EE ID's 0358 and 0400. Fair signal mixing with swisher (Kohlbrener-PA) 0250, s/on sequence, drums, rooster; poor; 02/27 (Srebnick-NJ)
- 4919 **ECUADOR R. Quito** 0157 3/21 SS, LA/Ecdn pops and ballads, ID's ("Transmite R. Quito, La Voz de la Capital"), promos and sfx at TofH. (Clar-NY)
- 4939.7 **VENEZUELA R. Amazonas** 0153 3/2 P-F w/ fdng and ute QRM. LA mx, ID and ment. "Puertro Ayacucho" at Tof H. (Clar-NY)
- 4940t **INDIA AIR Guwahati** 1302-1335 2/28 lang talks, seemed parallel 4920, also hrd carrier on 4970 (Paszkiwicz-WI)
- 4950 **ANGOLA R. Nac de Angola** 0405 3/9 several ID's at tune-in, man in PP with presumed news. Fair with occ. UTE QRM. (Kohlbrener-PA) 0205 3/2 PP anmts, promos; intermittent ute QRM. (Clar-NY) 0412-0445 2/22 program of Afr/Calyppo type mx, several ID's. (Howard-CA)
- 4955 **PERU Huanta R. Cultural** Amauta (t), 0937-0937 2/27 women singingin Peruvian distinctive style. (Field-PA).
- 4960 **ECUADOR R. Federacion** 0015 3/8 M SS tlk, IDS, frequent ments "Ecuador" and light Ecdn and LA mx. (Clar-NY)
- 4960 **SÃO TOME VOA** 0308 2/29 EE talk re Haiti. (Clar-NY)
- 4965 **PERU R. Santa Monica** Cusco 0940-1030+ 2/29 OA folk mx, SS anmts, echo anmts. ID 1021. Weak at tune-in but slowly improving. (Alexander-PA 2-29)
- 4965 **ZAMBIA Christian Voice** 0217, mx, PSAs, talk; poor; 03/01 (Srebnick-NJ) unusually good at 0120 Mar 10 with "Friend to Friend." Christian pop songs, social alerts ("sugar daddies" waiting for young girls all over Africa), greetings to Corinna and Emma, 0132 "Focus On Africa" about Tanganyika-Kenya-Uganda customs union, 0141 invitation to write, ancng both Zambia and UK addresses, mx through ToH, ID 0207. Completely readable. (Berg-MA) 0210-0255* EE rel pgming with interviews, rel mx. Station promos. "Radio Christian Voice, Christian Voice International" IDs at 0219. ID jingle at 0255 & off the air with lite instru mx. Good. Best in LSB due to noise on high side. (Alexander-PA 2-14)
- 4970 **INDIA AIR Shillong** 1430-1458 2/26 "This is the North-Eastern Service of All India Radio and we are broadcasting from Shillong on 60.36 meters", prgm of old EE pop mx, fair. (Howard-CA)
- 4974.8 **PERU R. del Pacifico** (t), Lima 0927-0927 2/27 M in SS. (Field-PA).
- 4976 **UGANDA R Uganda** 0327-0405+, mix of Afro and US pop. Energetic M DJ seems to start every new bit of chatter with a great big "OK!!". Fair-poor. 2/13. (Brouillette-IL) 2044-2100*, 2/24, vernacular, continuous Afro-pop music, NA cut-off at 2100. No ID or anmt noted, vy noisy at t-in, improved at bit by s/off. (Barbour-NH)

- 4980 **CHINA Xinjiang PBS** Urumqi, 2330 3/20, Uighur, same s/on procedure of 5060 but of course different pxs, Good (Botto Fiora-GRAL Italy)
- 4990 **SURINAM R. Apintie** 0410-0515 3/9 Non-stop EE pop and R&B vocals by Whitney Houston, Bee Gees, etc. No anmts heard. Poor (Kohlbrener-PA)
- 4990.91 **PERU Radio Ancash** Huaraz 1025 to 1050 noted with quick ID by M, 3/24 (Wilkner-FL)
- 5005.78 **PERU Radio LTC** Juliaca 1030-1035 2/27 with strong signal, mx. (Wilkner-FL)
- 5009.63 **PERU R. Altura** weak at 1102 2/27 with quick ID, OA mx; no sign of Dom. Rep. this day. (Berg-MA)
- 5009.8 **DOM.REP. R. Cristal Intl** in SS. 0032 3/8. F-G w/QRN. M w/ ID's, promos & multiple ments. "Santo Domingo." Pgm. of LA & EE pop/rock. "Dance with the Guitar Man." (Clar-NY).
- 5010 **INDIA AIR Thiruvananthapuram** 0114-0135 3/2, M Hindi tlks, brief Hindi vocals and flutes, then anmts; fair. (D'Angelo-PA)
- 5010 **MADAGASCAR R. Nationale Malagasy** *0253-0348 2/27, OC, IS, instl mx, group singing of NA. W ID, s/on anmts in Malagasy & FF. M read nx; mx & talk. (D'Angelo-PA)
- 5010.05 **Mexico R. Mil** 0840-0855+ SS pops, SS anmts, ID. Very good-strong. (Alexander-PA 2-28)
- 5014.42 **PERU Radio Altura** Cerro de Pasco 1110 to 1115, clear ID by M, good 3/17. (Wilkner-FL)
- 5019.9 **PERU R. Horizonte** (P) in SS. 0101 3/10. Poor w/noise and adj. QRM. Peruvian mx into W leading group prayer. rosary-like antiphonal responses. (Clar-NY)
- 5024.93 **PERU R. Quillabamba** 1020-1035+ OA mx, SS talk, IDs. Fair level but mixing with Rebelde on 5025. Both in at fair level. (Alexander-PA 2-7)
- 5029.07 **COSTA RICA University Ntwk** 0051 3/10 Dr. Gene Scott. (Clar-NY)
- 5030 **BURKINA FASO R. Burkina** in 2303 3/10 W FF tlk, multiple ments "Burkina" and "Ouagadougou"; brief AFR rhythm bridges between items. (Clar-NY) 2300, mx; poor; 02/27 (Srebnick-NJ) 2327 3/20 Bob Marley; good (Botto Fiora-GRAL Italy) *0557-0715+ S/on with poss NA. Opening FF anmts at 0558. Wide variety of African mx: highlife mx, Icl folk mx, & Afro-pops. FF talk. Good. (Alexander-PA 2-14)
- 5035 **BRAZIL** 2315 2/29 ballads, talk, ment São Paulo, speech // 6135 (Paszkievicz-WI)
- 5039.22 **PERU Radio Libertad** Junin 1045-1105 3/24, "...musica en todos el pais ... radio Libertad..." Intriguing source of excellent music, strong signal. (Wilkner-FL)
- 5040.05 **ECUADOR LV del Upano** 1040-1050+ NA at t/I; many IDs 1042. Sptalk. HCmx. Fair, but audio slightly muddy. (Alexander-PA 2-13)
- 5040.63 **MYANMAR R. Myanmar** 1403-1420, 2/16, EE lang lesson, with slow EE, "Question number 12, how does the dawn come up? The answer is, the dawn comes up slowly", poor. (Howard-CA)
- 5046.87 **TOGO R. Togolaise** 2046-2108, 2/23, FF, Afro-pop-like music and brief talks, wind instl 2100, tent ID mentioning "Togo", more wind and drum music into talks w/ 2 M. Clear but weak, slowly improving by t/out. Thanks to Jari S. tip. (Barbour-NH)
- 5054.6 **COSTA RICA Faro Del Caribe** 0228 3/20 SS pops & insp. Mx; M tlk, promo/slogan 0230. F-P w/ noise and QRM. (Clar-NY)
- 5060 **CHINA Xinjiang PBS** 2-9 0005-0030 CC tlks, vcls, poss ment Urumqi, plucked stringed instrument, anmts (Paszkievicz-WI) 2330 CC, s/on old int/sig of ex-Radio Beijing, ids M-W, Good (Botto Fiora-GRAL Italy)
- 5105 **USA WBCQ** Montecello, 2233 3/13 Brother Stair mixed with frequent WBCQ IDs. (Botto Fiora-Italy)
- 5500 **ETHIOPIA VO Tigray Revolution** 0412-0433 3/12 Tigray?, M&W w/talks, brief periods of Horn of Africa music. Good at t/in, fading to poor by t/out. // 6350 weak, poor. (Barbour-NH)
- 5637.24 **PERU R. Peru** San Ignacio 1100-1120 "...hola internacional ..onda corta ...la musica del Peru.....Radio Peru....." by MK, very low band noise but fading out, 3/23 (Wilkner-FL)
- 5677.99 **PERU R. Ilucan** Cutervo, 0000-0030 strong signal, ID's and atenciones mixing with music, mistake? 3/23 (Wilkner-FL) 5678, 2320-2340, 3/12, SS, romantic mx, tk M, f/out from 2334, Fair-Poor (Botto Fiora-Italy) 0234-0248* 2/27, M hosting romantic Latin vocals, SS tlk & IDS. Canned ID & s/off anmt 0247. Off w/no NA. Fair signal but messy frequency. (D'Angelo-PA) SS 0028 3/17; M tlk, promos, slogans, sfx, TC's and ID's. (Clar-NY)
- 5775 **ITALY IRRS** 2034-2046, 3/1, M EE preaching, full IRRS ID and contact info at 2045 into new religious program, "Transformations" w/ Canadian QTH. Weak, best in LSB. (Barbour-NH) 

International Band Loggings


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- 5925 **GERMANY HCJB** relay via Juelich in GM 1820, Bible reflections by OM, melodic songs, heavy QRM from VOR 5920 and Prague 5930, f (Flora ITALY 2/15) ED: Move from 6015?
- 5940 **RUSSIA R Rossii** via Magadan in RS 0903, nx w/soundbites, splatter from Dr. Gene Scott on 5935, vp //7320 audible but weak (Barbour NH 2/7)
- 5950 **USA R Taiwan Int** via Okeechobee, FL in EG 0200, ID, NA, nx, rpt on bird flu epidemic (McGuire MD)
- 5985 **CONGO RTVC** Brazzaville in FR *0430, Afro mx, ID, tlks, fair mixing w/WYFR (Alexander PA 2/14)
- 5990 **INDIA AIR** Delhi in Sindhi 0128, subcont vcls, nx, tlk, flute mx, s/off 0202 (Paszkiwicz WI 3/8)
- 5990 **RUSSIA R Prague** relay via Armavir in GM *1730, nx, EU rpts, jazz mx, g, off 1757 (Flora ITALY 2/15)
- 5995 **MALI R Mali** Bamako in FR 2310, Afro pop vcls, ID 2315 (Kohlbrenner PA 3/9) in FR/Vern 2235, TC's, many ments of Bamako, field rpts, musical flourishes, f-g, //4835 poor (Clar NY 3/11)
- 6000 **BRAZIL R Guaiba** Porto Alegre in PT 0915, BR ballads, ancmts, f, //11785 (Alexander PA 2/29)
- 6010 **MEXICO XEOI Radio Mil** in SP 0903, ID, MW relay, fqy, website (Berg MA 2/29) Only 1 kw xmtr
- 6015 **IRAN VOIRI** Kamalabad in SP 0150, noticias, solemn ME mx bridges, ID's "Republica Islamica Iran", fair signal w/noise, //9555 (Clar NY 2/27)
- 60202 **PERU R Victoria** Lima in SP 0641, full ID incl ref to MW outlet on 780, g (Howard CA 3/2) in SP/PT at 1030, full ID 1055 w/MW fqy as well, g (Berg MA 2/29)
- 6025nf **GERMANY Bible Vostg** relay via Juelich in EG 0225-0330*, continuous relig pgmg beamed to Iraq with musical selections, preaching by OM and YL, s/off at 0330 with "Amen", no ID heard, fqy taken over (D'Angelo PA 3/3, Barbour NH 3/2, Berg MA 3/3)
- 6035 **COLOMBIA LV del Guaviare** in SP 0940, brief ID's, TC's, full ID w/call letters and MW fqy but mention of SW fqy at 0959, nice signal (Berg MA)
- 6040 **BELARUS BRI** Grodno in Belarus 0741, tlk by YL/OM on history, f-g, //6010, 6115, 7110 (Flora ITALY)
- 6042 **PERU R Melodia** Arequipa in SP 0940-1010+, OA mx, talks, ID's, f (Alexander PA 2/7)
- 60599v **ARGENTINA LRA1** not hrd at normal s/on time of 0900 on 2/24 (apparently due to fire). However, back on at 0859 check on 2/26 with full ID including MW fqy (Berg MA)
- 6070 **CANADA CFRX** Toronto in EG 1232, nx, bracing for a major snowstorm, ID, TC (Fraser ME 2/20)
- 6120 **GERMANY R Taiwan Int.** relay via Juelich in SP *2100-2130, NA, ID's, nx, QRM (Flora ITALY 3/6)
- 6130 **LAOS Lao National R** Vientiane in Laotian 1137, Laotian dramas, 7 gongs at 1200, ID, short newscast, ballad, poor for w/fades and noise (Kamp CA 3/14, Barbour NH 2/27)
- 61348 **BRAZIL R Aparecida** in PT 0915, local mx, tlk, //9630 (Alexander PA 2/27) in PT 0234, slogans, brief nx items and promos, fair w/QRN, //9630 stronger (Clar NY 2/17)
- 61398v **COLOMBIA R Melodia** Bogota in SP 0950+, nice romantic ballads, ancmts, ID's, ads, jingles, phone #, field rpts, Latin Amer pop rx., g (Alexander PA 2/29, Barbour NH 3/11, Clar NY 2/21)
- 6155 **INDIA AIR** Delhi in Urdu 0101, typical HD mx, (one tune lasted 14 mins), cmntry, strong signal w/rapid fades, 10 db over S-9 (Montgomery PA 3/9)
- 6160 **CANADA CKZN** St Johns Newfoundland in EG 0015, oldies rx, new version of "Peter and the Wolf" narrated by Sophia Loren (Montgomery PA 3/15) in EG 0923, choral mx, fqys, "Laborador Morning" at 0930 w/CBC Radio News for the Newfoundland/New Brunswick area (Barbour NH 3/7) Only 1 kw xmtr
- 6175 **CANADA V of Vietnam** relay in EG 0330, tlk re trade w/Japan, ID's, nx, mailbag, good level but splash from above and below fqy (Brouillette IL 2/26, Clar NY 2/17)
- 61832v **BRAZIL R Nac da Amazonia** Brasilia in PT 0045, romantic PT vcls, nx, political tlk, technology rpt, ID's, promos, //11780 (Berg MA 2/29, Clar NY 3/11, Howard CA 2/29)
- 6350usb **HAWAII AFRTS** relay Pearl Harbor in EG 1358, "Market Place" feature, ID, g (Howard CA 2/10)
- 69724v **ISRAEL Galei Zahal** Tel Aviv in HB 0245-0314, 2 OM w/mx and tlks, website, fanfare, fqys, ID, nx, pop mx pgm, p-f with deep fades (Barbour NH 2/10)
- 7160 **ASCENSION ISLAND BBC** relay in EG 0604, nx and "The World Today", g (Bueneman MO 2/22)
- 7175 **GREECE VOA** relaying Radio Aap Ki Duniya in Urdu *0100-0159*, ID's for VOA and AKD, nx, some mx, closed w/VOA ID and Yankee Doodle IS, g, //11730 Thailand relay, p (D'Angelo PA 3/3)
- 7190 **TUNISIA RTV Tunisienne** Sfax in AR 2011, Koran, ME mx, ID, f, //7225, 9720, 12005 (Clar NY 2/29)
- 7200 **RUSSIA R Rossii** via Yakutsk relay in RS 1211, OM/YL tlks w/brief piano bits, ID, pgm credits, f/p with increasing amateur radio chatter making fqy unsuable by 1227 tune out (Barbour NH 2/27)

- 7250 **INDIA AIR** Panaji in Nepali 0136, t/k, ID, funky subcont mx, fair w/QRM, fading, //9810 (Clar NY 2/27)
- 7265 **GERMANY Sudwestrundfunk** Rohrdorf in GM 0110, cmntry re US primarily elections, EG clips of brief remarks by candidates Kerry and Edwards, fair w/ute QRM (Clar NY 3/4)
- 7270 **INDIA AIR** Chennai in Tamil 1201, continuous Hindu mx, solid ID, weak sig w/some mild ham chatter, //7240 Mumbai barely audible (Barbour NH 2/24) ED: Apparently these are test xmsns.
- 7285 **GERMANY Croubian R** relay via Juelich in EG 0300, nx. "Croatia Today" abt EU hopes, ID's as either Voice of Croatia or Croatian Radio, exc (Brouillette IL 2/13)
- 7325 **LITHUANIA R Vilnius** Sitkunai in EG 0029, IS, s/on ancmts, pgm preview, t/k re foreign investment and privatization in Lithuania, fair sig w/fading (Clar NY 2/23)
- 7335 **VATICAN CITY Vatican R** in EG 0138, IS, ID, fqy, inspirational mx bridge, t/k re Ash Wednesday and Lent as a season of transformation, fair w/QRM from CHU time strn, //9865 (Clar NY 2/25)
- 7345 **CZECH REPUBLIC R Prague** in EG 2230, nx, Mailbox, features on "ABC of Czech" and "Czech Books" good reception (Brouillette IL 2/22)
- 7350 **RUSSIA R Amani** relay via Armavir in Pashto/Dari 1633-1713, Afghan songs, nx, phone rpts, heavy QRM from co-channel VOIRI in Farsi, p (Flora ITALY 2/20)
- 7410 **INDIA AIR** Delhi in EG 2045, ancmts, nx, folk songs, cmntry re Iraq, bad modulation (Flora ITALY 3/5)
- 7450 **GREECE RS Makedonias** in GK 2020, ID's, pgm of Mediterranean pops/folk mx, f-p (Clar NY 2/29)
- 7460 **BOTSWANA VOA** relay in EG 0420, "VOA News Now", features, sports nx, ID and into "World News Roundup" and "Daybreak Africa", f (D'Angelo PA 2/16)
- 7475 **GREECE Font Tis Helladas** Athens in GK 0145, pgm of non-stop GK and Mediterranean pop mx w/ID's Interspersed, fair w/fading, //5865, 9375 (Clar NY 2/25)
- 7545 **ISRAEL Kol Israel** in HB *0000, ads, pips, ID, national nx, mention of Iraq, f (McGuire MD 2/24)
- 7560 **LITHUANIA R Ezra** via Sitkunai in EG *1900-1930*, all talk but just enough to get a positive ID at s/off, speaker on 2/22 said this was final xmsn (Berg MA 2/15, Flora ITALY 2/22) ED: Sundays only.
- 7560 **RUSSIA TDP Radio** via Armavir relay in EG *2000-2030, ID with robotic sound effect, dance mx, open carrier from 2015 despite listed s/off as 2100, g (Flora ITALY 2/21)
- 9345 **ISRAEL Kol Israel** Tel Aviv in HB 0225, OM w/tlk and pgm of Elvis mx - "Do the Clam", "Puppet on a String" and "Long Lonely Highway", f-g w/watery audio, //7545 (Clar NY 3/7)
- 9415 **TAIWAN R Taiwan Int** Taipei in KR 1413-1430*, tlks b/w ballads, ID, website, f (Barbour NH 2/14)
- 9495 **CANADA R Sweden** relay in SW *0000, IS, ID, national nx, ment of hockey, g (McGuire MD 2/7)
- 9520 **PHILIPPINES R Veritas Asia** in CH 1150, inspirational mx, IS, ID, QTH, pgm note re Indonesian xmsn following at 1200 on 9505, s/off 1158, f-g (Clar NY 3/12)
- 9525 **INDONESIA V of Indonesia** Jakarta in EG/CH/JP 1115, ballads at t/in, EG ID and website, YL in CH at 1129 w/Jakarta address, into JP service 1130, w/tlk over mx (Barbour NH 2/24, Clar NY 3/6)
- 9530 **BRAZIL R Nova Visão** in PT 0045, "Trans Mundial" ID, promo, inspirational mx, f, QRM (Clar NY 3/1)
- 9545 **RWANDA Deut Welle** relay Kigali in EG *0400, IS, ID, report on the Sudan, f (McGuire MD 2/18)
- 9590 **NETHERLANDS ANTILLES R Nederland** via Bonaire relay in EG 0400, bell chimes IS, ID, fqy, sked, QTH, report on Haiti situation, g (McGuire MD 2/18)
- 9635 **CHILE Vox Cristiana** Santiago in SP 2240-0000*, relig t/k, many ID's, nx 2300, relig mx, weak-fair signal //17680 very good, 9635, 6035 replacing 9635 at 0000 (Alexander PA 2/12)
- 9645 **BRAZIL R Bandeirantes** São Paulo in PT 0215, OM w/tlk, promos/ads, jingles, ID, fqy (Clar NY 2/16)
- 9655 **TURKEY V of Turkey** in EG 2300, nx re snow closing roads in Anatolia, press review, good reception, //6015 (Brouillette IL 2/22)
- 9680 **BOSNIA R Serbia & Montenegro** relay in SP 0010, nx, political t/k, ID's, postal address, mx interludes, IS 0028 and s/off (D'Angelo PA 2/24, Clar NY 2/23)
- 97369 **PARAGUAY R Nacional** Ascusion in SP 2215, live soccer match, excited commentator, no ID's but occasional ads, score seemed to be "cero-cero", seems like fqy used solely for soccer matches and political rallies- usually of the ruling Colorado Party, good w/signal flutter (Jaar QUE 3/12, Clar NY 3/4)
- 9755 **ITALY RAI** Rome in EG 1945, Valentine's Day feature "Lover's Day", f (Fraser ME 2/14)
- 9770 **SRI LANKA SLBC** Colombo in EG 1230, fqy, sked, Disney movie soundtrack mx and other children's mx weak signal (Barbour NH 2/24) in EG 0032, ID, TC, ezl mx, accordions, vp (Clar NY 3/9)
- 9810 **THAILAND RT** in EG 1240, OM w/econ t/k YL w/national nx headlines, ID's, noise/flutter (Clar 2/17)
- 9810 **INDIA AIR** Panaji in Nepali *0128-0230*, flute mx opening, ID, nx? interrupted twice by 7 and 8 minute breaks, nice HD vcls from 0100 (D'Angelo PA 3/2, Howard CA 2/25)
- 9850 **GREECE VOA** relay Kavala in EG 0117, t/k on governments, sports nx, g (Bueneman MO 2/26)
- 9870 **NEW ZEALAND RNZi** in EG 1325, feature on sports unions among Islanders, f (Fraser ME 2/16)
- 9885 **BOTSWANA VOA** relay in EG 0302, "VOA News Now", ID, Yankee Doodle IS, g (Brouillette IL 2/26)

- 11675 **KUWAIT R Kuwait** in AR 0220, Koran prayer chants, g, //6055 under Spain (Clar NY 3/5)
- 11690 **JORDAN R Jordan** in EG/AR 1636-1703, relay FM service w/dance, rap, and AR pops, ID as "Dancing with Radio Jordan", pips 1700, TC, full ID, nx re Arab League media campaign, ute QRM (Barbour 3/3)
- 11735 **NORTH KOREA V of Korea** Kujang in EG 0107, NA, feature about DPRK's Great Leader, nx, ID, (Paszkievicz WI 3/1, Clar NY 2/22)
- 11735 **GERMANY R Africa Int** via Juulich relay in EG 1700, ID "Global Ministries", nx headlines, promo for feature on media coverage of violence in ME, relig tlk on ironing clothes as good time to pray (Clar 3/8)
- 11745 **CHILE Voz Cristiana** Santiago in PT 0223, inspirational mx, ID's, promos, jingles, g w/QRM (Clar 2/16)
- 11795 **PHILIPPINES R Veritas Asia** in RS 1518, religious programming, poor signal (Kohlbrenner PA 3/8)
- 119158 **BRAZIL R Gaucha** in PT 0140, OM/YL tlks, pips, ID 0145, many ments "Porto Alegre" (Clar NY 2/21)
- 11920 **SINGAPORE RAI** International (Italy) relay in IT 1000, ID, Mameli's anthem "Giornale dall'Italia" and "Sport Italia", fair signal, //9670 (Fiora ITALY 3/1)
- 12020 **PORTUGAL Deut Welle** relay Sines in Hausa *0630, IS, ID, fair to poor reception (Bueneman MO 2/22)
- 12025 **INDIA AIR** Panaji in HD/Malayalam 1730, folk songs, ID's, req rpts for QSL, nx (Fiora ITALY 2/21)
- 12080 **MADAGASCAR R Nederlands** relay in EG 1525, interview re progress v. environment in Middle East, ID at 1530, fair signal (Fraser ME 2/15)
- 12105 **GREECE Font Tis Helladas** in BG 1750, nice Greek mx, different prgm from 17705, g (Muehline NH 3/6)
- 13605 **INDIA AIR** Bangalore in EG 1909, ID's, promo for feature "Destination India", //9445, fair (Clar NY 3/6)
- 13630 **MALI China R Int** relay in EG 2118, nx, stock mkt rpt, nx, ID's, sked, "EG Online", f-p (Clar NY 2/17)
- 13685 **AUSTRALIA Voice Int'l** relay via Darwin in EG 1134-1202, pop mx countdown, promos, nx, ID at 1200, fair but choppy (Barbour NH 3/9) in EG 1200-1300, ID, nx, "The Planet" prgm, all pops, promos, E-mail address, "Club Retro" w/host David Nicholson. very fluttery signal (Berg MA 2/18)
- 13695 **THAILAND R Thailand** in EG 0045, current affairs, ID, Innovation prgm from Radio Australia, Thai mx, NA, chimes, vg (Paszkievicz WI 3/1) in EG 0047, rpt on young people's summit upcoming in Bangkok, ID, sports nx, rpt on Tiger Woods recent results, fair w/flutter (Clar NY 2/24)
- 13710 **SAUDI ARABIA BSKSA** Riyadh in AR 1630, reading of the Koran, poor at S-6 (Muehling NH 3/7)
- 13855usb **ICELAND AFRTS** relay in EG 1835-1910, pop mx, culture prgm, promo for good grammer, "Little Known Facts of Military History", AP nx (Paszkievicz WI 2/28) in EG 0257, ID, "The Best of Our Knowledge" feature, fair signal w/some fading (Howard CA 2/11)
- 15070 **PAKISTAN RP** Islamabad in CH 1222, Koran-like singing/chanting, s/off w/NA 1229, poor, //11570 stronger but disrupted by intermittent air horn-like QRN blasts (Barbour NH 2/24)
- 15140 **IRAN VOIRI** in EG 1935, ID, prgm note, nx, interim constitution signed in Iraq, p, //11695 (Clar NY 3/8)
- 151498 **INDONESIA VOI** Jakarta in EG 2006, nx, tlk, ID, fqy, QTH, website, features, mx, poor (Clar NY 2/28)
- 15265 **SOUTH AFRICA Channel Africa** in FR 1600, IS, drums, pips, ancmts, mx, fair (Montgomery PA 3/7)
- 15265 **NEW ZEALAND RNZI** in EG 2010, nx recap, ID, sportsnx, tlk re Sri Lanka cricket side (Clar NY 3/9)
- 15355 **GABON R Japan** via Moyabi relay in EG 1714, JP pop mx, ID's, rpt on success of JP skaters and ski team in world competition, prgm note re "Asia Watch", fair w/fading (Clar NY 3/8)
- 17615 **THAILAND BBC** relay in EG 0007, "World Today" about Haiti situation, f-g (Brouillette IL 2/26)
- 17705 **USA V of Greece** relay Delano, CA in EG 1700, GK mx, tlk re GK politics, exc S9+ (Muehling NH 3/6)
- 17780 **SOUTH AFRICA Channel Africa** in SH 1545, typical Afro tunes, nice flutes, IS, f (Montgomery PA 3/7)
- 17810 **NETHERLAND ANTILLES R Nederland** relay in EG 1915, tlk w/RS immigrant concerning life in the Netherlands, very good reception S-9 (Muehling NH 3/7)
- 17880 **FRANCE R Jamahiriya** relay in EG 1730, nx, "V of Africa" ID, back to AR lang 1735 (Muehling NH 3/6)
- 21745 **CZECH REPUBLIC R Prague** in EG *1400, tlk on Czech surnames, exc reception (Muehling NH 3/7)

Unknowns and Clandestines

- 5990nf **CLANDESTINE V of Jammu and Kashmir Freedom** in Kashmir? 0230-0300, Koran chants, ancmts, ME music, f-p (Fiora ITALY) ED: Clandestine Radio Watch website rpts a new morning xsmn on 5990 from 0230-0400 - rpt dated 1/31/04. Possibly a move from listed 5100?
- 6025 **UNIDENTIFIED** Relig prgm in EG 0225-0300, prayers, hymns, Bible refs, "Blessing to the People & land of Iraq", excerpts from "Messiah", no ID heard, fair w/QRM (Clar NY 2/28)
- 9415 **UNIDENTIFIED** talk in SP 0133-0200*, ID's?, fqy ancmt, prgm of "musica Latina", AR/ME mx, f-g ED: Probably R. Cairo which signs off xsmn in Spanish at 0200.
- 17870 **CLANDESTINE R Rhino** heard w/sign on at 1500, ID in EG but poor reception (Field MI 3/4) 

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