

NASA

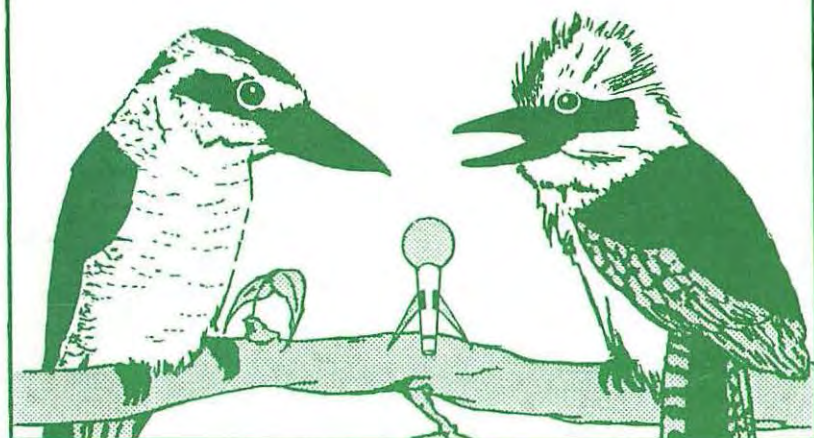
the
JOURNAL

NORTH AMERICAN SHORTWAVE ASSOCIATION

Volume XXXII, Number 4

April, 1992

RADIO AUSTRALIA



SHARING THE WORLD WITH OUR FRIENDS



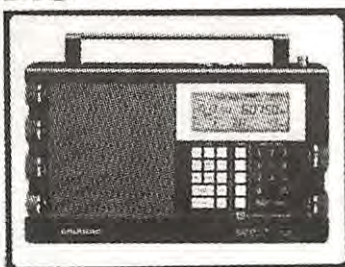
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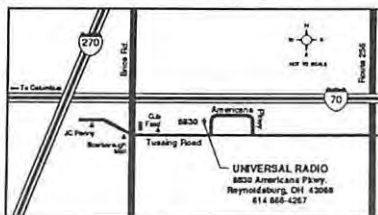
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The new Drake R-8 is a microprocessor controlled, synthesized, all mode world band receiver offering excellent sensitivity, high dynamic range and other features for the most demanding listener. It has been designed as a "complete package." You get many items as standard-equipment, that would be extra on other receivers. Multi-mode reception is featured throughout the range of the receiver (.1 to 30 MHz). A high-Q, 8-pole, electronically switched IF filter provides a range of five bandwidths. New "firmware" permits user selection of bandwidths independent of mode and 100 Hz readout in AM. The front panel liquid crystal display provides visual feedback to the operator of the current status of the receiver. In the AM mode, a selectable synchronous detector (SYNCHRO) allows for enhanced reception by eliminating or reducing distortion due to fading signals. A Passband Offset control also aids in reducing or eliminating interfering signals by electronically shifting the receiver's IF frequencies without disturbing the operating frequency. Other reception aids include selectable AGC, wide/narrow noise blanker, RF preamplifier for enhancing weak signals, RF attenuator for further improvement of strong signal handling capabilities and an adjustable RF gain. A Notch filter is also supplied as an effective tool to eliminate offending tones (heterodynes). The R-8 provides exceptional audio to the built-in speaker.

Two VFOs (tuners) called A and B, are provided on the R-8. Selection is made with the VFO function key. Frequencies can be directly entered through the keypad. A programmable memory area allows for 100 non-volatile memories segmented into blocks of ten. The memories store: frequency, mode, bandwidth, AGC setting, RF setting, antenna, notch on/off, noise blanker setting and synchronous detector on/off. As a result of 3 scan methods and three scan modes; nine distinct scan functions are supported in the R-8. The three methods are: Stop at carrier detect, Pause 5 seconds on carrier and Pause at carrier until carrier drops for 5 seconds, then resume scan. The 3 modes are: Scan all memories, Scan all unlocked memories of user-selected list and Scan from VFO A to B. A 24 hour clock-timer allows the R-8 to turn on and off at preset times. An RS-232C port is also supplied. For performance and features, the American-made R-8 is absolutely state-of-the-art!

- + Drake R-8 Receiver Order #0008 \$359.95 (+\$11)
- + Drake VHF Internal Converter Order #0076 \$189.95 (+\$3)
This user installable, internally mounted, converter receives from 35 to 54 MHz and 108 to 174 MHz in all modes with full frequency display. SO-239 antenna jack. For Drake R-8 only.
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- + Drake Control Software Expected early 1992. Price unknown

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NASWA Notes

Bob Brown KW3F
238 Cricklewood Circle
Lansdale, PA 19446
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Packet KW3F @ WB3JOE



Yes folks, it was fun. And yes, it went by in a blur, it always does. Another Winter SWL Fest has come and gone and all indications are that everyone had a good time. This year, 226 radio junkies made the annual trek to beautiful downtown Kulpsville, PA. We all had a great time renewing old acquaintances and making new friends.

The forums were all well attended and they continue to be a very desirable part of the Fest for many attendees. Again this year we were fortunate to have some of the most knowledgeable members of our hobby to lead forum discussions covering SW, Utilities, MW, and Scanning. Both the R.L. Drake Company and Japan Radio Company had displays showcasing equipment and both companies led forums to talk about their radios.

Many people refer to the Winter SWL Fest as a NASWA convention. Although it is true that the key organizers of the event are NASWA members, it is not intended to be a NASWA convention. Club representation this year was the most it's ever been. I think it's great to see the spirit of cooperation amongst the clubs to work together for the benefit of the hobby. We even had European representation this year with Michael Murray, Secretary General of the European DX Council.

The legend of the Pink and Purple Pancho Villa Room lived on with every attendee receiving a commemorative pink 'n purple coffee mug for their collections. A Brazilian percussion band called Banda Bacana provided some interesting musical entertainment during the banquet. You should have seen the conga line of DXers led by yours truly!

I would like to thank John Schlipp and the R.L. Drake Company for helping support the Fest with the Grand Prize of the R8 receiver. The year's lucky winner was a new NASWA

member, John Bizik of Abington, PA.

There are a lot of people and organizations to thank and please excuse me if I miss you, it's certainly not intentional. I'd like to especially thank the members of the Fest organizing committee which consists of my wife Gail, Harold Cones, and Kris Field. Special thanks to Art Arnold, John Bizik, Dan Cashin, Harry Helms, Vern Hyson, Alan Johnson, Eric Johnson, Gerry Kercher, Fred Kohlbrenner, Ed Mauger, Bill Oliver, Bill Plum, Don Schimmel. Thanks to the following clubs - A.C.E., ADXR, AOSC, CIDX, FT, LWCA, NASWA, NESN, NRC, ODXA, SPEEDX, WDXC, WTFDA. Thanks to the following organizations - CRB Research, Electronic Equipment Bank, Gilfer Shortwave, Grove Enterprises, J & J Enterprises, Japan Radio Company, MFJ, North Atlantic Radio Service, PC Globe, Popular Communications, R. L. Drake Co., The Radio Works, RATEK, TRS Consultants, Tiare Publications, Universal Radio.

Mark your calendars! The dates have been picked for next year's Fest. And, as a result of the questionnaire distributed this year we are adding an extra full day. The Sixth Annual Winter SWL Festival will take place February 18-21, 1993. Planning has begun and if you would like to volunteer to help on a committee, please drop me a line.

ANARC SWL Ham Net

Tune in Sunday mornings at 10 A. M. Eastern Time on 7240 LSB for the latest in shortwave listening, DX tips, and up to the minute hobby news. Contributors share their DX tips via their own amateur radio stations or by telephoning a "gateway" station who then broadcasts the relayed tips. Net Controls Bob Brown KW3F and Dave Kirby N8JQX host an always lively gang of DX monitors. (Best heard in the eastern half of NAM)

Our Motto is - "Unity and Friendship"

Thanks John!

If you've been in this hobby for any length of time you will have noticed that there are some individuals who seem to spend all their waking hours devoted to the hobby. John Bryant is one of those people. As such, it didn't come as much of a surprise when John told me that he's going to have to take a break from his Listener's Library column for a while. It's simply a matter of too much to do and not enough time for it all.

John was a key player in the redesign of our bulletin and he contributed to many of the ideas for new columns and direction. On behalf of NASWA I would like to thank John for his work with Listener's Library. Hopefully we'll see him as a regular columnist sometime again in the future. John's enthusiasm for NASWA will probably show up in a feature from time to time. Thanks John!

On-Line

I received a notice from Dale Vanderpoel

of Fort Lauderdale, FL that is is running a computer BBS called the Shortwave Paradise BBS. You can give it a try by calling 1-305-524-1035.

Brian Jones of San Antonio, TX wrote to tell me that he has discovered a radio related bulletin board on the Prodigy computer service. It is listed under the Homelife Club Bulletin Board with the topic name Amateur Radio. Brian says "In scanning through the posts I noticed some by shortwave listeners. These included beginners questions to DX tips by Bruce MacGibbon."

I'm outta space again this month. How can you get more active with your club? Let me count the ways... Seriously, we need backup editors, features, news items, etc. If you have any inclination at all for getting involved, please write to me.

Good Listening!

Musings

Fritz Mellberg, 1505 Central, Hawarden, Iowa 51023

For the last ten years of DXing the tropics, I often wondered what it would be like to set up a listening post high in the Andes and listen away to the terrific music coming out of Bolivia and Peru. Well, in January I had that chance and I learned a few things I hadn't planned on.

I went to Quito, Ecuador for a three week traveling workshop to study the views of indigenous people on the Columbus event. It was part of the Latin American Council of Churches Quincentenary educational program. I wrote ahead to Rich McVicar and Ken McKarg at HCJB and packed a couple dozen tapes and recorders; ready to amass a collection of great music with local quality reception. I was in for a surprise. First of all, City DX in Ecuador is just about as bad as it is in downtown Chicago. Most trucks and taxis seem to broadcast on large segments of the 60 meter band. Their programming is all hash. I expected to hear Peruvians like locals and Ecuadorean shortwave stations like local FMers. Hah. I have concluded that DX is DX everywhere.

Although I was able to hear dozens of stations from Peru and Columbia as well as Ecuador, Brazilians were almost non-existent. Chile and other nearby countries were silent. Rich and I visited at his office with Ken one afternoon. I took a taxi and discovered that Ken was right. All I had to do was say "HCJB" and the driver dropped me off at the gate without a fuss. I took the tour and met John Beck, Jorge Zamora and the rest of the English folk and enjoyed their hospitality. Thanks, folks. Later that week, Rich and Lisa invited me to dinner and we spent a couple hours jabbering in DX while Lisa's eyes glazed over. Rich shared the secret that tropical band DX is better up in the states. Even though Ecuador has its advantages and one is able to hear many stations rarely heard in the states, the options are often limited. I managed to get decent tapes of all Ecuadorean stations on the air, even though many were just as covered by hash as they might be if heard from Iowa. I noted that R. Zaracuy is now

Radio Catolica. Its offices were just down the block from my Quito home, but I didn't have time for station tours. I visited Santo Domingo and didn't have time to see R. Zaracuy (now only A.M.) either. When in Otavalo, I didn't have time to stop in at R. Bahai. But folks told me they were hard to get into, anyway.

I did hear some terrific stuff though - R Cumanda, El Coca on 3351 with its overmodulated signal; Radio Tucuban 4212. very weak even in Ecuador; R. 27 de Diciembre on 3350, the only Bolivian I heard; R. Interoceanica on 4840 with a little jazz one morning (it's a slick station for being so far off in the jungle.); R. Federacion 4960 broadcast almost non-stop Shuar language programs. Most fun were the Peruvians early in the morning: R. Inca 4235; R. Tingo Marie 4759; R. Tarma 4775; R. Universal 3310; R. Atahualpa 4820; R. Ancash 4990 and good old R. Andina 4995. The best catch was R. Maranon in Jaen, Peru on 4835 -- almost impossible at my Iowa QTH.

I was surprised to hear a middle Eastern station on 4600 one evening and wondered what R. Kiev was doing on 4825 another night at 0312 sign off. It was in English besides! Even though I was a bit disappointed about the quantity of DX from Ecuador, I now have a precious feel for the band that I didn't have before. Living in the country and travelling to Esmeraldas, Santo Domingo, Cuenca and Otavalo as well as bumming around Quito for three weeks helped me understand many of the station habits and idiosyncracies of tropical band stations. I can now understand IDs a lot better even though I only learned a little survival Spanish. I visited with an agency that produces programs for local stations and came away with an appreciation of the work that goes into running a small station up in the mountains. I hope to do a small article on that later. Anyone interested in a tape of "local" quality DX from Ecuador can drop me a note. I came back with over 20 hours and some of it is pretty good. Thanks to the McVicars for a great evening and to Ken and Rich for a great tour of HCJB!

Ben Krepp, 106 Harnden Ave., Watertown, MA 02172

This year's Winter SWL Fest was the 3rd I've attended, and it seems like they just keep getting bigger, better, and more fun each year. Before I say anything else, a "hat's off" to everyone who had a role in putting together this year's fest. Its not obvious while you're in the midst of things, but as soon as you've stepped back a bit it's really clear that a LOT of work must go into organizing the event. Do you guys have any time left over for listening to the radio? (Or this is only a cover!)

This year's fest featured a couple of creative touches that made it particularly memorable. Everyone who registered received their very own PINK and PURPLE Pancho Villa coffee mug/tuning oil can. Folks who didn't attend: EAT YOUR HEARTS OUT. At first I thought Bob Brown was joshing when he said that a Brazilian Rhythm Band would serenade us all at the cocktail hour and banquet, but boy was I wrong. The band provided a lot of fun musical entertainment during dinner, and managed to motivate about 100 (slightly tipsy) DXers to join Bob and Dr. DX in a Conga line that wound its way around the banquet room. The judgement of the folks at my table was that the band was pretty darned good: if you added a static crash in your mind every now and then, they almost sounded like the real thing.

The best part of the fest for me, though, is the chance it gives to get together with whole bunch of people who also enjoy the radio hobby. I've gotten to know fellow DXers from as far away as Montreal and Ohio through the fest - people who share many of my interests and who I'd most likely not have met otherwise.

The diversity of people who attend is enormous: there are people who're interested in and knowledgeable just about every conceivable nook and cranny of the SWL/DX hobby. Everyone from absolute beginning SWL to hard-core veteran DXer is welcome and in attendance, and the mix of backgrounds works out just fine. It seems that everyone, no matter how new to the hobby, has some tip or piece of information to share.

The opportunity to hear talks by veteran DXers on their areas of interest is another great feature of the fest. I'm particularly fascinated in propagation and in DXing Asia and the Pacific, and have found Dave Clark's talks on these subjects particularly fascinating and helpful.

I heartily recommend the fest to any SWLer or DXer who hasn't yet gone to one. Where else can you get together with 200 people who enjoy the same hobby as you do FOR A WHOLE WEEKEND? If you haven't gone, you don't know what you're missing. The only downside of the fest is that it seems to end too soon; you'd really like it to last a full two or three days.

I'm already looking forward to next year's fest, and hope to persuade a bigger delegation from the BAD guys to show up in '93.

73 and good DX,
Ben Krepp

David Trachetenberg, Burke, VA. (forwarded to Musings by Richard Cuff)
As a column editor, I always appreciate reassurance that the subject matter I discuss is interesting and relevant to NASWA members. I wanted to share an interesting letter sent to me by a NASWAN that, in addition to providing feedback, was outright interesting in and of itself. The letter was from David Trachetenberg of Burke, VA. - Richard Cuff

Thank you for highlighting the resumption of the BBC's "It's Your World" series in the February 1992 issue of the NASWA Journal.

Thanks to the information you provided, I was one of two Americans chosen to put a question to Mr. Gennady Burbulis, the State Secretary of Russia and First Deputy Premier of the Russian Federation, during the inaugural program on 23 February. (Unfortunately, Russian President Yeltsin could not participate. The BBC noted that Mr. Burbulis has been described as Yeltsin's "right-hand man in charge of the day-to-day running of the country.")

After reading your "Easy Listening" column in the Journal, I sent a list of seven possible questions to the address given. Imagine my surprise and delight when, forty minutes before the show was to air, I received a phone call from London!

One of my questions — a philosophical one — struck a responsive chord at the BBC and, as it happens, I got to close out the program by asking it of Mr. Burbulis, a former professor of philosophy.

Thanks again to you and the Journal crew for providing NASWA members with timely information that can be put to good use. I am delighted to be a member of such a fine organization.

I'm pretty sure David won't easily forget his conversation with the First Deputy Premier of Russia. If your friends ever ask what benefit one might gain from listening to shortwave radio, show them this letter - that's about as positive an experience as I've ever seen! - RC

FOR SALE: Drake R-8, matching MS-8 speaker, and Yaesu YN-77 headset. New in 1/92 and used less than ten hours. Box and manual included. I paid \$1060.00 (including tax), you pay \$850.00 plus shipping. Also have Sony AN-1 active antenna. I paid \$90.00 (including tax), you pay \$55.00. Greg Limeberry, P.O. Box 123, Paoli, IN 47454. Phone (812) 334-4007 (day) or (812) 723-4919 (weekends and evenings).

Calendar Of Events

- Apr 21** - Meeting, N.E. Ohio SWLs. Cuyahoga County Library, 9089 Brecksville Rd., Brecksville, OH (Rt. 21, just South of Rt. 82). 7:00 PM. Contact Mike Fanderys (216) 661-2443
- Apr 24** - Meeting, Boston Area NASWA Chapter, GTE Labs, Waltham, Mass. For additional information please contact Paul Graveline (508) 470-1971, or via modem on Tom's BBS, (617) 698-8649 (300/1200/2400 baud), (617) 698-8734 (9600). *Note change to the 4th Friday is only this month due to Good Friday.*
- Apr ??** - Meeting, Philadelphia Area NASWA Chapter. Kulpville Holiday Inn, Kulpville, PA. 7:30 PM Contact Dan Cashin (215) 446-7831 *Since Good Friday is the 3rd Friday, please call Dan for the rescheduled date.*
- Apr 24-26** Dayton Hamvention, Hara Arena, Dayton, OH. General Information: (513) 454-1456, Lodging Info: (513) 223-2612
- May 15-16** The Third Annual "Conrad Family Reunion" (A.K.A. "Radio Retreat) at the River View Hotel, 1015 & 1016 River Rd., Wisconsin Dells, Wis. SASE to Jim Conrad, 545 Kirkwood Ave., Waterloo, IA 50701 for complete info.

Members are invited to submit items to be included in this calendar to Bob Brown.

Welcome to the following new NASWA members -

- | | |
|--|--------------------------------------|
| Eric Anderson, Rochester, NY | Irene A. Mooney, Baldwin, NY |
| David M. Beaujean, Taylor, MI | Jason E. Moore, Corbin, KY |
| Jerry Beck, Westerville, OH | Kevin Murray, West Linn, OR |
| Ed Belles, Breckenridge, MI | Bill G. Nelson, Newton, KS |
| W. A. Boren, Dallas, TX | Scott Norfolk, Portland, OR |
| Christopher Bull, Ithica, NY | David L. Obley, North Huntingdon, PA |
| Mark Chalkley, Saluda, VA | Nick Oliviero, Slymar, CA |
| George Clement, Powder Springs, GA | Steven Olock, Bethlehem, PA |
| Harold W. Fairchild, Baltimore, MD | Reese Partridge, Jackson, MS |
| Michael Ferry, Merced, CA | John C Pillen, New Castle, UT |
| Fred Fuchs, Bellingham, WA | Craig Joseph Poff, Beaufort, SC |
| Charles A. Furtak Jr., Elmhurst, IL | Ed Poston, Ventura, IA |
| Steven Gross, Dana Point, CA | Greg Renner, White Bear Lake, MN |
| D. Hammer, Westerville, OH | Amos Roe, North Freedom, WI |
| Mike Henon, Indian Valley, ID | Ginny Rosenberger, Glenside, PA |
| R. C. Herrell, Amite, LA | James Rouvina, Richester, NY |
| Ty L. Hollister, Dayton, OH | Harold Rutz, Austin, TX |
| Robert M. Julius Jr., Randalistown, MD | Mike Samila, Edmonton, AB |
| Peter Juvan, Upperco, MD | Dr. M. Schwartz, Springfield, IL |
| Herb Keaton, Woodstown, NJ | Rick Sitz, Brandenton, FL |
| Timothy A. Kelley, New York, NY | Todd Smith, Norwalk, CT |
| H. J. Kim, Oak Ridge, TN | L BI Stilwell III, Springfield, IL |
| Mr. Kiril G. Kundurazieff, Pomona, CA | Robert Telma, Westland, MI |
| Thomas Ledoux, Chalfont, PA | James A. Thompson, Eden, NC |
| Oscar R. Linder, Boca Grande, FL | Randall Turner, Springfield, PA |
| William R. Linhares, Park Ridge, IL | Robert D. Walsh, Mansfield, MA |
| Mel Lyttaker KB0EZZ, Macomb, IL | David L. Woolfson, Montreal, PQ |
| L. E. Magaw, Camden, SC | Andrew Yoder, Blue Ridge Summit, PA |
| David T. Mitchell, Sebastian, FL | |

ANARC News



Association of North American Radio Clubs
Richard A. D'Angelo
Interim Coordinator
2216 Burkey Drive
Wyoimissing, PA 19610

NEWS RELEASE

17 March 1992
Wyoimissing, PA

Telephone Numbers: 215-678-0937 (Home)
and 215-921-6498 (Office)

The Association of North American Radio Clubs ("ANARC") is pleased to announce the recipients of its annual awards:

North American Shortwave Broadcast DXer of the Year - Jerry Berg

Jerry is well known to the hobby. He is past Log Report editor for the North American Shortwave Association ("NASWA") and a regular contributor to many clubs. He's a dedicated, active DXer. Jerry's reputation for accuracy and consistently high reporting standards is unmatched. And he shares unreservedly with other hobbyists, regardless of their experience and interest levels. His writing appears in Fine Tuning's PROCEEDINGS publications and the acclaimed Sams' book "Shortwave Listening With The Experts."

Jerry's leadership as Chairman has made the ANARC Committee to Preserve Radio Verifications the success it is today. With over 25,000 verifications in the committee's archives (which he painstakingly administers and documents), QSL collections that would have long been discarded are now preserved for future generations of radio enthusiasts to enjoy.

North American Specialty Band DXer of the Year - Ken Stryker

For a number of years, Ken has, almost single-handedly, been providing information to the DXer regarding navigational beacons. He subscribes to and purchases many varied sources of information regarding navigational beacons at his own expense. On his own time he sorts, collates and presents data in the beacon lists, in its updates, and in his column in the bulletin of the Long Wave Club of America ("LWCA"). He uses his own time to assist DXers to identify beacons that they are unable otherwise to do themselves.

Without Ken's efforts, the longwave beacon DXing fraternity would be in trouble, for each DXer would need to spend great amounts of his time and money to keep track of the weak dots and dashes logged.

International DXer of the Year - Arthur Cushen

Arthur began his DXing career in 1936. He has been a regular contributor to many of the world's DX bulletins. Arthur is an avid QSLer with 284 shortwave countries and 166 medium wave countries verified according to the SPARC list. Over the years, he has accumulated over 6,000 shortwave and over 2,100 medium wave QSL's in his collection.

Arthur is a frequent contributor to many of the world's DX bulletins. He has written books including his famous "The World In My Ears." He has provided DX tips on many different programs including Media Network and the DX Partyline. Currently, he is the Membership Secretary for the New Zealand Radio DX League.

The awards were announced at the Winter SWL Festival held in Kulpville, PA on Saturday 14 March 1992 at the banquet by Interim Coordinator Richard D'Angelo.

In addition to the above awards, ANARC honored two long time association supporters with "Certificates of Recognition." Tom Gavaras retired as the Club Representative of the Minnesota DX Club after 17 years of dedicated service to ANARC and its member clubs. John Trautschold retired from his current editing chores for the Society to Preserve the Engrossing Enjoyment of DXing ("SPEEDX") after serving the club for two decades in various capacities (Business Manager, Publisher, President of the Board of Directors, numerous editing roles, etc.) in addition to being the club's ANARC Representative for significant portions of that period. ANARC wishes Tom and John well in their retirement and thanks them for their many years of devoted service to the hobby community.

DXer's Forum

Please submit all contributions to:
Bob Brown KW3F
238 Cricklewood Circle
Lansdale, PA 19446
CompuServe 74756,1557
GEnie R.BROWN106
Packet KW3F @WB3JOE

This month Henry Michalenka tells us all about his 1990 trip to Turkey for winning the Voice Of Turkey essay contest. Charles Bishop and Tom McMahon provide the second installment of their multi-part report on the Smithsonian lecture series entitled "International Broadcasting In A Changing World". Jerry Berg presents this months DX Target - Radio Nacional de Venezuela. Attention NASWA Members! I need your articles to keep these pages full! Of particular interest are DXing tips and techniques, station profiles, antenna construction articles, and anything else related to DXing the shortwave bands.

Anatolian Adventures, or, "How I wound up speaking German to a goat herder in Turkey."

by Henry J. Michalenka

The time - 7:00 a.m., August 1, 1990...

The place - home in Rhode Island, furiously trying to get everyone out the door for work and school...

The phone rings - "Hello, is this Henry J. Michalenka?" I instantly respond "You're from the Voice of Turkey! I recognize your voice." And the adventure started...

Actually, the adventure started a couple months before when I entered the Voice of Turkey's annual essay contest. Having put together my entry and pronounced to the wife that it was the winner, I got the same response we all usually get when related to the radio hobby (and some other things). At least I got to bang on the bathroom door when they called me; I can't print here what she said. I also can't print what she said the next day when Iraq invaded Kuwait! But I was not about to pass up an all expense paid two week tour of Turkey!!

After seven weeks of being told I wasn't going to go, I found myself on a Pan Am flight to JFK to hook up with THY (Turkish Airlines). I had no tickets to Istanbul, and when I got to THY in New York, neither did they! After an hour wait, someone in authority opened a desk drawer and found my passage to the East. THY isn't exactly the Orient Express, but the Airbus had a map projected in the cabins showing the

aircraft/direction/route thus far/airspeed/altitude/ETA, and lots of other information on a constantly rotating scale, even showing cities we were passing over. Made the flight most enjoyable, and I wish the other carriers would do that! After a lay-over in Brussels for fuel and cleaning, we resumed the journey and landed in Istanbul in early afternoon. It is constantly frightening to walk alone into a culture where you can't even read a sign! I did manage to follow the crowd to the passport control, then baggage claim, and was in customs when I spotted the famous "waving airport sign" with my name. Behind the sign were two smiling faces of Rafet Esit (Head of Foreign Language Programming) and Mina Tansel (Program Producer). They were two of the five guides/interpreters that six guests from the contest utilized! Talk about your private tour!

What an eclectic group of guests we made...Ahmad Bassal (an architect/engineer from Egypt), Rukiye Kamberkizi (professor of Persian Literature from Azerbaijan), Timur Masautov (commercial artist from Kiev), Piotr Skorek (film historian from Poland), Hans Weber (botanist/biologist from Germany) and one USA CPA! Everyone in the group spoke English to some degree, and used me to practice their fluency. All of the people spoke several languages; Rukiye (PHD from Baku) spoke (get this) Urdu, Farsi, Russian, Azeri, Turkish and English fluently. I tried to get by with English

and some rudimentary German and Italian. We would tour Western Anatolia and Thrace by "city bus" (capacity 20) to get the panoramic views and to get to know each other better.

Touring

It would be foolish to try to list all the things we did and saw during two weeks. I suggest you borrow a good travel book on Turkey and see the movie "Topkapi" (which although dated does show some of the scenic splendor of Istanbul). We toured Istanbul, Izmir, Ephesus, Antalya and Ankara (and points between). If anyone wants more detailed touristic information, please contact me. During long rides, Bunyamin Ergazi of the German section would ask me intricate questions about US foreign policy, history, culture, immigration policies and so forth. Some of the questions took fifteen minutes! Then I would have to have the question translated from Turkish to English by Mina then my answer from English to Turkish, since my German wasn't good enough to carry the day. I was interviewed the day after arrival for immediate broadcast, but that was only the start...

Media Star Rising

TRT, parent organization of the Voice of Turkey, maintains its own "Club Med" type facility in Lara on the Mediterranean coast. Private villas, private beach, restaurant and nightclub, all for the TRT employees and families to use. Each had a villa with two bedrooms and private balcony overlooking the Mediterranean. Not bad!! TRT-Lara is the headquarters operation for a string of "tourist radio" stations around resorts, linked by satellite dish. They transmit the news in various languages along with tourist interviews and lots of music on FM. Well, I was interviewed by a native New Yawka (former schoolteacher) on various topics; it was nice to hear some American English for a change, even though it had a Flatbush accent! When we got to Ankara and the VofT studios, I was interviewed on environmental issues, impressions of Turkey, and other topics for broadcast in all services. As a matter of fact, when I got home I had the domestic service in Turkish on and the first thing I heard was me with a voice-over! While visiting TRT in Ankara

I was also on their version of "PM Magazine" on national television, being interviewed by Semra Eren, head of the English section and also the host of "DX Corner". The day I returned home I was called by Semra to do an interview for the DX Corner over the phone, as we just ran out of time in Turkey!

Almost Media Star Rising

When visiting the English section one afternoon, I was invited by Semra and Osman Erkan, host of the "Letterbox" program, to sit in on the English to Asia program. We went into the studio about five minutes before transmission time, and the interval signal tape started. Every third grind the mike is opened and the announcer says: "This is the Voice of Turkey". When asked why they didn't put the announcement on tape, I was told: "We only have one tape." Okay...now four minutes to go, and they can't find the news! Out they run, leaving me in the studio, alone...all alone. A minute later one runs in to say: "This is the Voice of Turkey" and runs back out. Now one minute to go and still no news. The next frantic announcement gets a question from me: "Suppose you don't find the news?" "Then you're on" was the reply. With ten seconds to spare, the news was found in the German section and run into the studio. After Semra read the times/frequencies of the English programs, Osman and she took turns reading news stories and editing them on the fly! As I was told: "Sometimes we had to change the names to have the stories make sense; sometimes they made no sense."

TRT People

I regret to say the Voice of Turkey people operate under very controlled conditions about program presentation. Their feature programs are "Approved" before production begins, and news stories are read as written (usually). They got hours on end from me on the bus about program presentation/content, host/announcer formats around the world, and other improvements they could make; unfortunately, the atmosphere is such that those improvements will be delayed indefinitely. I have not heard them since their North American transmission went off for repairs last fall, but hope some



changes have been made upon their return... Rafet Esit is head of Foreign Language Programming; Semra Eren and the other language department heads report to him; Rafet reports to Savas Kiratli (Director of the Voice of Turkey), who is very new to the VoF and replacing Ramen Somer (who went into satellite television). Savas Kiratli and the other Directors, such as television, tourist radio, etc., report to Kerim Aydin Erdem, the General Director of TRT. By the way, it was only in Mr. Erdem's office that I saw a PC anywhere in TRT. At Voice of Turkey they use manual portable typewriters to prepare everything! Perhaps as they move into new studios in 1992 they will have new equipment to use...

All listener letters are kept in loose-leaf notebooks in the pertinent language section. I must admit I was appalled to see the "please send me something" letters seemingly outnumbering the serious correspondence. All mail is answered promptly by the "Listener Response" section, as you have seen in the QSL

Report. V of T is delighted to hear from its listeners, but has a small budget like most other international outlets. In fact, there are only about six people in the whole English department!

The German Goatherd

While traveling in the southern region, we stopped by a mountain stream to give Hakki (our driver) some rest. Across from the stream was a mountain range lit by the setting sun, the full moon rising over it, and a farm with goats in the foreground. After pictures, I told my hosts I was going over to check the goats; if I came running back they were loose! After a few minutes walk I could see the goats were tied, so I was safe. I turned around and almost knocked over a young goatherd; he asked in Turkish why I was here, and I said (in Turkish!) I was with the TRT. He then asked if I spoke German, and I was all set! Imagine running into a goatherd in Turkey who speaks German... it's a land full of wonderful people and great surprises and I hope you all get to visit! Meanwhile, listen to V of T!!

Hardware Bits

by Alan Johnson

GRUNDIG 500 SPECIAL PRICING - Perhaps in preparation for the arrival of the Satellit 700, Grundig is offering special pricing on the Satellit 500 model. Both Universal Radio (800-431-3939) and Electronic Equipment Bank (800-368-3270) have the unit advertised for \$399.95.

RADIO SHACK DX-440 - For a close-out of a lower price portable, check your local Radio Shack outlet for the DX-440 for \$149.95. This may require some shopping around to find a store that still has some in stock. A great value!

MILITARY CONNECTORS - If you restore or use military surplus equipment, you'll be glad to learn of the William E. Perry Co. (502-893-8724) which has a large inventory of new and used mil-spec connectors. The staff is very helpful and friendly. Thanks to Walt Hutchens, KJ4KV in the March 1992 issue of Electric Radio for this tip.

NRD 535 BANDWIDTH CONTROL UPDATE KIT AVAILABLE - The modification kit to allow use of the NRD-535's variable bandwidth control in AM mode with the WIDE filter is now available. Price class is around \$160. Contact your dealer or JRC in NY (212-355-1180).

SPRING IS ANTENNA SEASON! - Now that warm weather is getting closer, it's time to think about repairing the ravages of winter or experimenting with new antennas. Two companies that offer antenna supplies are Radio Works, Box 6159, Portsmouth VA 23703 (804-484-0140) and Davis RF Co., Box 230-K, Carlisle, MA 01741 (800-484-4002). The Radio Works catalog is free via bulk mail or \$2.00 for priority mail and Davis' catalog is \$1.00. REMEMBER: SAFETY FIRST WITH ANY ANTENNA WORK!!!

The Smithsonian
CAMPUS
ON THE **MALL**

International Broadcasting In a Changing World

A Report on the Smithsonian Forum on the Media and Society, held in collaboration with Voice of America

This is the second in a series of reports filed exclusively with the NASWA Journal by NASWA Washington, DC area members Charles "Chip" Bishop and Tom McMahon.

February 6 and 13, 1992
Washington, DC

By Charles "Chip" Bishop

In the Third World, Kim Elliot says, the typical shortwave receiver is of poor quality, worth about eight U.S. dollars. Yet, the Voice of America's research director says, millions in Latin America, the Middle East and Africa successfully receive the "commanding signals" of VOA, BBC and other large international broadcasters.

What are these broadcasters saying to developing countries? Who listens, and how do they react? These were the questions posed to a panel of Third World specialists in Washington DC recently at the Smithsonian Institute continued its forum on international broadcasting in a changing world, in cooperation with the VOA's 50th anniversary celebration.

Moderator Frank Cummins, chief of VOA's program review office, said more than half of the Voice's programming is beamed to the developing world. The panelists struggled, however, to characterize the target countries. Georgetown University history professor Luis Aguilar, the last president of Cuba's Christian Democratic Party, offered the evening's most satisfying definition: "where the majority of the people has no real access to the standard of living that exists in developed nations."

Sherwood "Woody" Demitz, a VOA veteran who is currently an international broadcasting specialist for the parent U.S. Information Agency (USIA), said shortwave listeners in the Third World are relatively young, well-educated, male and urban dwellers. The profile, he said, is the

result of standard survey research done by overseas firms. "Seventy percent of Albanians listen to VOA and our credibility is 'off the scale'."

Negussie Mengesha, chief of VOA's Amharic service to Ethiopia, put it in context. "Where people cannot read and write, shortwave broadcasting becomes the most important (information) factor in their lives.

"People in Third World countries do not trust their own media," said Mohammed Siddiqi, deputy chief of VOA's Near East and South East division. "They listen to us for music, science and sports, not just the news."

Jacobo Goldstein, Washington correspondent for the private HRN Radio Network of Honduras, said people there do listen for political news and currently, to developments in the U.S. presidential campaign. "If people believe you are telling the truth, they will listen to you," he said.

Hoda Tawfik, Washington bureau chief of Egypt's Al-Itihad Daily, said "the whole world" has been tuned to America since the fall of Communism. "America is leading the peace process, and the whole world wants to know what is happening."

Technology is expanding the Third World audience. Neils Lindquist, chief of VOA's Brazilian branch, said the audience there has increased many times over because the signal is delivered by satellite to local broadcasters. "There's a ready market not only for VOA but for the BBC, Deutsche Welle and others on 300 radio stations inside Brazil," he said.

Demitz cautioned, however, that TV is asserting itself in developing countries. "As TV proliferates, it becomes the first source for news. CNN is becoming a radio equivalent of a wire service for local writers and editors," he said.

A new challenge facing radio programmers is how to attract a wider audience. "In the face of local competition," says Cummins, "you have to

make shows livelier. A long talk is not modern radio."

Practicality is the focus of contemporary VOA programming to Eastern Europe and the former Soviet Union, said Demitz. "How-to programming is designed to teach people how to fend for themselves."

February 13

On February 13, the discussion shifted to international broadcasting's role in the exportation of culture. Moderator Sanford Ungar, dean of American University's School of Communication, offered that the U.S. has been particularly successful at it. "There's hardly a place in the world you travel without experiencing it," he said. Among the examples cited was VOA Europe, a service described by its director, Terry Hourigan, as an attempt to reach a different kind of listener in a different way.

Hourigan said VOA Europe programming is delivered by satellite and carried to five million listeners per week - mostly by local FM stations - in 290 cities across 24 countries. Its target audience is young people in Western and Eastern Europe. "It sounds like a contemporary American station, but carries messages about how Americans live their lives," he said.

Panelists debated whether there is danger in "cultural imperialism," a criticism often directed at American television and movies. "For much of the world, Hollywood provides context for what America is like," said Lee Hall, retired West Coast Bureau chief for VOA. "You have to drip on their brain to break the misconception," responded Hourigan.

"To date there has not been the same kind of debate about radio," said Robert Fortner, an international communications specialist at Calvin

College in Grand Rapids, Michigan.

"News is culture," said CNN White House Correspondent Charles Bierbauer. "We had to walk a very careful line during the Persian Gulf War to be sure we were not perceived abroad as the Voice of America or the Bush Administration."

Great Britain's effort at communicating its culture through radio drama was cited by Gordon House, chief of the BBC's World Service drama unit. "It compliments BBC's information service," he said. "Britain has a great tradition of radio drama and, unlike other countries, we have actors and writers ready to perform." Yet, he said, Britain wants to exchange cultures and so devotes programs to the lifestyles of other nations. "If you are only promoting your own culture," he said, "you can be accused of cultural imperialism."

What about music as a cultural expression? "One of the most effective ways to communicate what this country is about is music," said Hourigan, "regardless of the listener's level of education." VOA jazz programming legend Willis Conover agreed. "Musicians in other countries learn jazz by listening to our broadcasts," he said. "All elements of jazz were born in other countries."

Judy Massa, VOA music director and country music show host, said surveys show that country is the music that touches people the most. "It gives them lessons in living - guiding them through difficult times."

One programming approach that is growing in popularity on the international bands is the call-in show. "These shows have been inviting dialogue," said USIA counselor McKinney Russell. "They give foreigners a chance to talk back."



TIARE PUBLICATIONS

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Easy Shortwave Antennas

Shortwave listeners who aren't satisfied with the "skywire" they're now using and those who like to experiment with antennas will find a wealth of possibilities in this new book by Frank P. Hughes, VE3DQB.

Hughes discusses more than 50 antennas and variations for shortwave listening use including longwires, balanced and unbalanced, slopers, verticals, grounded, beams, 8JK's, squares, cubical quads, apartment antennas, magnetic loops, and indoor antennas.

The book also contains a wealth of practical information on antenna patterns, interference, the nuts and bolts of putting up an antenna, the ionosphere, etc. Includes diagrams on each antenna showing layout or construction points.

Priced at \$9.95. Available from SWL dealers or direct from TIARE PUBLICATIONS. Add \$2 s/h (\$3 foreign orders) Visa and MasterCard welcome.

DX Target



Radio Nacional de Venezuela.

By Jerry Berg

Radio Nacional de Venezuela's English service began as a means of informing listeners around the world about the position Venezuela was taking during the Persian Gulf War. Venezuela was in a precarious position. It was a solid member of OPEC, but months before the war started the United States had also been grooming Venezuela to become a reliable oil supplier to North America in times of crisis. This was the crisis.

The war began in mid-January 1991, and on January 19, 1991 Radio Nacional's English language news service took to the air for the first time. The station reported that President Carlos Andres Perez had warned Iraq that if it did not pull out of Kuwait, Venezuela would have no choice but to take the allied side. Similar broadcasts were begun in French.

Radio Nacional had been broadcasting on shortwave in Spanish for nine years. In 1989, a weekly review in English was added, and in 1990 a Saturday French cultural broadcast. It was not the first time that the state-owned radio had carried foreign languages, however. In the 1970's, Radio Nacional had carried transmissions in English, French, Portuguese, German and Arabic. That service had been the victim of an economic crisis. Oil was cheap back in the 70's, and Venezuela was experiencing a boom. When the boom ended, government cutbacks were made in all the state autonomous institutions, and Radio Nacional did not escape the budget axe. Today's foreign service is much smaller than the foreign service of the 1970's.

Radio Nacional attempts to compile its English newscasts from items that are the most interesting and important in order to

catch listeners' attention. The English section is staffed by dedicated broadcast journalists with years of experience, not only in Venezuela but abroad as well. The English news director is Martin "Marty" G. Delfin, who is originally from San Antonio. A graduate of the University of Texas at Austin, Marty worked as a TV reporter throughout Texas before going to South America.

On Saturdays, the English service presents "Crosstalk," a program of interviews with important people from all walks of life—heads of state, politicians, diplomats or just everyday people, all contributing to making Venezuela a leader in the world. The broadcasts in both English and French are short, the Creole program even shorter. The station plans to expand English and French this year, and hopes to bring back Portuguese.

The station receives hundreds of letters every month. Most come from the United States, Canada and Australia, but their signal reaches exotic places such as Azerbaijan, Gabon, Vanuatu and Ukraine as well. Almost everyone complains that the broadcasts are too short. The station is on 9540 kHz. with hour-long broadcasts at the nominal times of 1100, 1400, 1800, 2100, 2400 and 0300 UTC.

Radio Nacional verifies with an attractive green, full-data QSL-card. The address is Apartado Postal 3979, Caracas. They enjoy reading what listeners have to say about them in the different shortwave publications. Marty Delfin has been tuning the bands since 1976, and has a lot of veries himself.

Compiled from information supplied by Radio Nacional de Venezuela.

Easy Listening

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Prodigy NCHT70A

Red Cross Broadcasting Service

In the May 1991 *Journal* I provided a profile of a typical month's program from the Red Cross Broadcasting Service. A recent mailing from the RCBS provides a bit of history on the broadcasts. I thought I'd share part of that with you this month.

The International Committee of the Red Cross (ICRC) began broadcasting in May 1945. In Europe, many ex-prisoners of war were waiting to be taken back to their homes, and they wanted their families to know they were alive. However, normal communications had broken down. Until the end of the 1940s, lists of prisoners of war and of displaced civilians were broadcast by the ICRC from the studios of Radio-Geneve, and were heard by listeners in various parts of Europe. In the first 3 1/2 years of operation, more than 600,000 names were broadcast.

The ICRC realized the usefulness of radio for rapid communication in times of crisis. The 1948 International Broadcasting Conference in Mexico City granted the ICRC its own frequency - a unique asset among international humanitarian organizations.

Test transmissions began in 1951, with the object of finding out whether listeners in different parts of the world could hear the broadcast. These continued sporadically until 1965, when the ICRC installed its own studio at its Geneva headquarters and formed the Red Cross Broadcasting Service. Broadcasts became more regular, and in 1978, the Swiss PTT gave permission for the ICRC to broadcast once a month omnidirectionally in English, French, German, Spanish and Arabic. Beamed transmissions were also made to Africa, Asia and the Middle East. Today, RCBS broadcasts omnidirectionally twice a month on 7,210 kHz, in English, French, German and Spanish. Furthermore, broadcasts in English, French, Spanish, Portuguese and Arabic are beamed to Africa, Asia, North and Latin America and the Middle East.

The note from the RCBS continues, with special mention made of the fact that the monthly RCBS program now includes occasional time for answering listeners' questions. The RCBS does acknowledge listeners' reception reports with QSL cards; an IRC for return postage is appreciated. Contact the ICRC at 19 Avenue de la Paix, CH-1202 Geneva, Switzerland.

BBC World Service April Highlights

July will bring changes to the Cuff household, as my wife and I embark on the thrills, chills, and spills of parenthood. I'll have my tape recorder at the ready in April for the BBC's special series **The Human Child**. A series of eight programs follows the development and maturation of a child from infant through mature adolescent. Doctors, psychologists, academicians, parents, teachers, and children themselves all will take part in the series. Penelope Leach, a well-known author of many childcare books, provides commentary during each program. The four programs in April will cover the womb through age six, with **Not Just A Blank Sheet** (April 5th) looking at the womb from the fetus's perspective and at infancy. **Stand By and Admire** (April 12th) looks at the toddler; **A Question of Gender** (April 19th) considers the characteristics of "girlishness" and "boyishness"; debating how these notions differ across cultures. **The Social Child** (April 26th) looks at the role of playtime and the attendant social development of a three- to six-year old. Sundays 1401 (dates shown), with repeats Mondays at 0630 and 1001.

April also brings Christianity's most significant annual commemoration, Easter Sunday. The pope's annual Easter message to the city of Rome and the World, **Urbi et Orbi**, replete with the traditional Easter blessing, airs Easter Sunday, April 19th, at 1000. **The Resurrection and the Life** explores how contemporary Jewish beliefs

and practices influenced the gospel writers' documentation of the events of Easter Sunday. Easter Sunday, April 19th, 0230 and 1615, with a repeat Monday at 0730.

Fans of the BBC's many quiz series should note the debut of the latest 13-part quiz program, **Ned Sherrin's Counterpoint**. Musical knowledge will be tested, with questions from Bach to the Beatles, and from Rossini to Rap. Mondays beginning April 6th, at 1715. Repeats air Tuesdays 0030, Wednesdays 0830. Meanwhile, **The Litmus Test** pits teams of scientists against each other, with topics including courtship dances, which scientist one would most like to dine with, or what single question one wishes to ask God. Sundays beginning April 19th, 2030, repeated Mondays 1215 and Tuesdays 0230.

On a more serious note, **First Among Equals** looks at special programs reserved for minority communities. On April 10th, the program reviews the Indian government's policies on reserving government jobs for the "untouchables" caste. Disputes over these policies brought down the government of V. P. Singh and continue to bedevil Indian politics. April 17th's program looks at the indigenous Malay population in Malaysia; April 24th looks at the practice of Affirmative Action in the USA. Fridays, 0730, 1215, and 1930.

Eighty years later, the tragedy of the sinking of the Titanic continues to be immortalized by historians, film producers, poets, and songwriters. **The Unsinkable Legend**, a thirty-minute program on the 80th anniversary of the disaster examines the enduring fascination with the sea disaster. Sunday, April 12th, 0230 and 1615, repeated Monday at 0730.

The series **Truth To Tell** looks like a cross between the television series **That's Incredible** and **National Geographic**. The tale of the 43-year old film from a lost Swedish polar expedition, the story of the German geologists living the lives of prehistoric men in southwest Africa, and the 91 predecessors of Charles Lindbergh across the Atlantic are featured in April's installments. Mondays beginning April 13th, 0145, with repeats Tuesdays 1445 and Fridays 0415.

The World Service and the BBC's domestic radio drama departments have once again specially commissioned a series of plays collectively called **Globe Theatre 1992**.

What Happened With St. George?, a black comedy by David Cregan, is the author's reflection on the Persian Gulf conflict. The true story of George, a revered defender of the Christian faith and slayer of the dragon of evil, is told. Sunday, April 12th, 0101, 1201, and 1901.

Faith, written by Irish playwright Robin Glendinning, is a tragicomedy on an Eastern European communist adherent's perspective on the collapse of the one-party state. Sunday, April 26th, same times.

One highlight of **Off The Shelf** is **The Wayfarer's Staff**, the diary of a Russian priest (Father Nikiforov Volgin) forced to minister in secret. His loneliness, alienation, and suffering has many parallels with the events of Holy Week. April 6th through 10th, 0430 and 1430.

The obsessive, 50-year love of Irish poet William Butler Yeats for Irish nationalist and early feminist Maud Gonne found its manifestation in Yeats' poetry and in hundreds of private letters Yeats wrote to Gonne. Gonne's granddaughter has released hundreds of these previously unpublished letters in print. **My Dear Mr. Yeats** reviews what is considered some of the outstanding love poetry of the 20th century. Saturday, April 25th, 1901, repeated the following Monday 0101 and 1515.

An alphabetical odyssey through the more offbeat corners of the music business is the theme of the 13-part series **An A-Z of Rock 'N Pop**, Sundays beginning April 12th at 0415, with repeats Mondays at 1530, and Tuesdays 0915. The series is "...designed to help you answer those tricky little questions you come across in quiz games."

What would badminton play-by-play on the radio sound like? Guess no longer, the **European Badminton Championships** are featured on World Service sports programming from April 12th through the 18th. Other sports highlights: the London Marathon (April 12th), the NHL Stanley Cup Playoffs (April 8th), and the Masters golf tournament (April 9th - 12th).

Omnibus is a regular World Service feature covering diverse topics. **Chocolate With Everything** (April 15th) looks at the subtleties of flavor and taste that make good chocolate as hard to define as good wine. **From the Front Line** (April 22nd) looks at the challenges of military journalism - especially

interesting given the recent rumblings of the public relations effort surrounding the Persian Gulf conflict. Wednesdays, 0030, 1001, 1930.

The World Today, a daily BBC current affairs program, has taken on more of a field perspective to balance the studio-based current affairs coverage provided by now thrice-daily **Newshour**. The increased field correspondent participation means the home-base producers are freed up to research and plan more ambitious programs, according to the series editor, Tim Grout-Smith. **The World Today** can be heard Mondays through Fridays at 1645 and 2009, with repeats Tuesdays through Saturdays at 0615.

Last month, I talked about American politics viewed from abroad...this month, it's American amusement parks - **Outlook** attends the grand opening of EuroDisneyland outside of Paris. Presenter Dylan Winter joins Mickey and the gang for the April 12th event. Note: **Outlook** normally airs Mondays through Fridays at 1405 and 1905, with a Tuesday through Saturday repeat at 0105, so I am not sure exactly when the special EuroDisneyland broadcast will air - as April 12th is a Sunday.

Random Notes

National Public Radio can still be found on Shortwave, even after the departure of AFRTS. **The Voice of America** occasionally incorporates NPR's arts reporting into the VOA's regular features. For instance, the Sunday Evening (0030 Monday) magazine program to the Americas featured a music profile that was originally aired on NPR's **Morning Edition**. Perhaps NPR's use of Federal funding means the VOA (a Federal agency) gets access to any programming developed.

My September 1991 column mentioned several programs focusing on "Science on Shortwave." Here's another entry for that list: **New Horizons**, on VOA. **New Horizons** airs 0110 Mondays in the Americas and Caribbean release; a quick scan through the **Shortwave Radioguide** also shows 1110 (Southeast Asia/Pacific), 1510 (South Asia/Europe), and 2110 (Africa) for **New Horizons**.

I particularly enjoy programs like **New Horizons** that focus on the commercialization

of science and technology. I also recently sampled Radio Australia's entry, **Innovations**. The globalization of the processed foods business was featured - an industry in which the USA still excels, much to the chagrin of Australian-owned processed food businesses. I happened to catch the 1030 Tuesday release, my slightly stale Radio Australia schedule shows 1430 Wednesdays and 0730 Fridays in addition to the Tuesday broadcast.

Here in Eastern Pennsylvania, CFRX, the 1 kw shortwave relay (6070 khz) of the Canadian mediumwave station CFRB, comes in reliably most days. If you're looking for Canadian news with even more domestic content than RCI offers, consider **The World Today**, 90 minutes of news, interviews, sports, and commentary from 2100 to 2230 weekdays after April 5. UTC times are one hour later when Daylight Savings time is not in effect.

Feedback

In addition to the letter from David Trachtenberg, mentioned in this month's "Musings", I received a nice letter from Frank Richardson of Annandale, Virginia. Frank has a couple suggestions for future columns, which I'll take him up on starting next month.

Meanwhile, Frank does have one suggestion that I'll pass along right away: "All SWLers should be encouraged to write [to international broadcasters], especially in these tough budget times around the world." Frank is absolutely correct - for most international broadcasters that target broadcasts to North America, direct feedback from us - their listeners - is the only way they can demonstrate to their management that anyone listens to their broadcasts and appreciates the broadcaster's efforts. By comparison, most DXers don't have to provide this feedback, since we English-speaking North American listeners normally aren't the targets of their broadcasts anyway.

Until next month, 73 DE Richard

Listener's Library

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Howdy and welcome back to the Listeners Library. This month, we are going to take a rapid and very varied roller coaster ride through the Library files. There are several new things to look at, but mostly, I want to give you my own HIT PARADE of some of the best contributions we have had over the last almost thirty trips through the Library.



The reason for the HIT PARADE is that after this month, I am very reluctantly having to step aside as the NASWA Library columnist. In the last 14 months or so, my own professional responsibilities have grown quite a bit, as have my responsibilities to home and hearth. I really should have resigned this column a year ago, but I just could not. I've loved doing the Library column...it so perfectly weds my own major interests of books/magazines/film/media and shortwave radio. I hope that you have gotten some of the joy from reading this column that I've gained from writing/editing it. Enuff! To the stacks....

In looking back over the past 28 columns, there were numerous really fine contributions. I can't create a ranked list -- there would be too many ties for number one. Just take this as a somewhat randomly ordered check list of my personal favorites. (P.S. I'm leaving out *Passport* and *WRTH*)

HIT PARADE: GENERAL RADIO BOOKS

Shortwave Listeners Guidebook: by Harry Helms. This is the most recent in a long line of Handbooks/guidebooks authored or co-authored by Harry Helms. I have personally read every beginners/intermediate SWL/SWBBC DXers book ever published in English. Many, including several currently in print are RIP-OFFS! This one is not. It is a must

have/must read for all but the most experienced DXer. For old guys like me, it is the perfect book to loan to a beginner. Currently in print at about \$20.00.

Shortwave Radio Listening with the Experts edited by Gerry Dexter. This no-longer in print collective block buster is the finest book about the listening hobbies ever published...in my less-than-humble opinion. Watch for this one at ham fests and join me in a DXers prayer that it will someday be re-issued. Also try Inter-Library Loan from your neighborhood branch library. They can get it for you - free.

HIT PARADE: RECEIVER BOOKS

Communications Receivers: The Vacuum Tube Era 1932-1981 by Raymond S. Moore. If you don't have this book or if you have the first edition rather than the greatly expanded second edition, BUY THIS BOOK NOW! It is by far the finest and the only nearly complete reference to ALL North American communications receivers. Currently in print at about \$20.00.

Receivers, Chance or Choice and More Receivers, Chance or Choice by Rainer Lichte. These two wonderful books review and critique receivers manufactured from about 1970 to 1987 and cover almost all solid state receivers. If you are interested in building a receiver reference library for the future (now what WAS a Sony CRF-1, anyway?) these are THE receiver reference books for the solid state era. Both of these great references are still in print for \$18 and \$12 respectively.

Buying A Used Shortwave Radio by Fred Osterman. Fred, the genius behind Universal Shortwave has produced a little beauty which goes into the nuts and bolts of how to buy a used receiver...this is followed by a photo illustrated buyer's guide. This gem costs less than \$5.00 from Universal at 1-800-431-3939. If you don't have one of their catalogues, GET ONE, at the same number.

The Collectors Guide to Antique Radios by Marty and Sue Bunis. This book is the current Bible of the Antique Radio Collecting hobby. It is an 8 1/2" X 11" coated-stock perfect bound beauty. All of the photos (several hundred) are

in color! The book lists virtually every consumer radio ever built in the U.S. and gives a current worth (as of 1991.) If you have an interest in getting started in the antique radio hobby and can only afford one book, this is it. You can find it at Antique Electronics (602-820-5411) in Arizona or it is sold by *Antique Radio Classified* in Massachusetts (508-371-0512.) They both take plastic.

Zenith Radio Brochure Book by Alan Jesperson. Alan is THE Zenith man in the U.S. If you are interested in TransOceanics, and, especially, if you are interested in the big all-wave Black Round Dial Zeniths of the late 1930's, Alan's new compendium on Zenith is a "must have." Alan has collected the photo illustrated dealers product catalogues of Zenith covering all radio products from 1920 to 1946 and all TransOceanics through the 1970's. Alan did a great cut-and-paste job to produce an illustrated product guide, organized by years. Each product is illustrated with a picture - about 1½ inches square on average - and a concise paragraph of technical description. This compendium is reproduced by relatively high quality photo copy and is in an 11" X 19" format, copied both sides on 56 total sides. The cost is a high-but-worth-it \$28.95.

Alan also runs a company The Great Northern Company which stocks many wonderful Zenith items (from Tee shirts to repro knobs and dials) as well as some stuff of other vintage radio manufacturers. The catalogue is \$2.00 and is available from Great Northern, P.O. Box 17338, Minneapolis, MN 55417.

HIT PARADE: HALLICRAFTERS

The Hallicrafters Company: 1932-1982; A Partial Product Listing Covering 50 Years of Production by Chuck Dachis, "The Hallicrafters Collector." Chuck is THE EXPERT on the Hallicrafters Company and its products. He also owns over 400 different Hallicrafters products! This 23 page product list contains a several-page-long history of the company followed with by far the most extensive product list ever put together (even by Hallicrafters). Each product is listed by number, name, year produced, technical description and original selling price. This list is available from several hobby sources (including Tiare and *Antique Radio Classified* for under \$20.00). This is "must have" info for Hallicrafter freqs. There are no illustrations. However, this list combined with Moore's *Communications Receivers* book above (profusely illustrated) tells you about all you need to know about Hallicrafters until Chuck writes THE BOOK... about three years off.

The Hallicrafters Story: 1933-1975 by Max DeHensler. This just introduced book is published by Antique Radio Club of America for just under \$30.00. It is available from Antique Electronics and Antique Radio Classified is VERY DISAPPOINTING. It is an 8½" X 11" perfect bound nearly 300 page book that is typed double spaced (RIP OFF!). There are some fine illustrations and a few interesting tidbits in the narrative. There are also several helpful appendices (all the SAMS references for Hallicrafters gear, etc.). However, there is much less here than meets the eye. Do not buy this book sight unseen!

HIT PARADE: ANTENNA BOOKS

Easy-Up Antennas by Ed Noll. This is my favorite antenna book of all time; with *Easy-Up*, a bit of wire, an electric drill, a saw and usually some PVC pipe, you can build literally thousands of dollars worth of antennas for just a pittance. If I were exiled to a deserted island and could only take one radio book for reference -- this would be it! This book was out of print for a while. However, it is BACK for \$17.00 !!!

The Antenna Book; The Antenna Compendium I, The Antenna Compendium II (all edited and published by ARRL). The main reference, *The Antenna Book*, is a steal at under \$20.00. It is produced in new editions about every two years and is almost 1½" thick! It has over 1,000 pages. The last several editions have been substantial upgrades. If you don't one of these or if you don't have a 14th edition or later, you are in for a real treat. Even though this book is the basic reference for radio amateurs, fully 60% of it is DIRECTLY applicable to folks like you and me. This is a GOLD STAR BEST BUY, for sure. *The Antenna Compendium I and II* cover more experimental, less orthodox antennas and are also highly recommended at about \$15.00 each.

*** F*L*A*S*H ***

As part of the amateur community's 'outreach' efforts since the adoption of the no-code license, many local amateur clubs are contributing ARRL books to their local library. Check at your library, you may get lucky.

The Beverage Antenna Handbook by Victor Mizek. (CQ Bookstore only.) This is THE book on beverage antennas -- if you are interested in double wire switchable beverages or null-steering beverage antennas. This book represents the work of a lifetime and is the only place where you can find information on steerable wave antennas, some as short as 150 feet. If you really want the 'straight skinny' on single wire beverages -- check FT's Proceedings 1988 and 1991 (and 1992 to come out in the Fall) I might add.

HIT PARADE: PERIODICALS

There is no better periodical for the shortwave broadcast listener and DXer than the *NASWA Journal*. PERIOD.

Fine Tuning: If you are a SWBC DXer, the weekly newsletter of *Fine Tuning* is a superb investment. Although *FT* was at one time a "closed" organization, it has been open to anyone interested in rare and difficult DX for a decade. The newsletter is usually four sheets of tightly packed loggings and is published weekly except in the North American summer (every 2 weeks then). The current subscription rate is 65 cents an issue; for Canada, 70 cents and issue; and overseas 80 cents an issue AIRMAIL. Minimum 30 issues, payable in U.S. funds only. *Fine Tuning* c/o Mitch Sams, 779 Galilea Ct., Blue Springs, MO 64014

Electric Radio is a monthly by and for radio enthusiasts interested in hollow state (tube) gear. At least half of each issue speaks directly to most Listeners/SWBC DXers. It is formatted like the *NASWA Journal*. The articles are superb and the photography is excellent. The latter half of each issue is BUY/SELL ads devoted entirely to tube gear. You may place one free buy/sell ad per month if you are a subscriber. Subscriptions to *ER*, P.O. Box 57, Hesperus, CO, 81326. \$20.00 per year 2nd Class, \$20.00 per year First Class Mail. Canada by Air (only)...U.S. \$32.00.

Antique Radio Classified is, in my judgement, the very best of several publications that are similar to *Electric Radio* but which are devoted almost exclusively to antique consumer radios -- the Atwater Kents, Zeniths and Philcos, etc. It also contains about 50% superb articles and 50% BUY/SELL classified ads. Like *ER* above, if you are a subscriber, you may publish one free ad per month. Further, *Antique Radio Classified* contains comprehensive listings of antique radio auctions, meetings, fests, etc. from across the country. VERY HIGHLY RECOMMENDED! A. R. C., P.O. Box 2, Carlisle, MA, 01741. Rates: U.S.A. by 2nd Class: \$27.00; U.S.A. by First Class: \$40.00; Canada by Air: U.S. \$43.00.

PROCEEDINGS of Fine Tuning I have been rather reluctant to speak of PROCEEDINGS in this column, because I have been one of the main editors of this annual non-profit publication since its inception with the 1988 Edition. I sorta feel now, in my Swan Song column, that my reticence to discuss PROCEEDINGS has been a disservice to the readers of the Listeners Library and to the all the volunteers who labor so hard each year to produce PROCEEDINGS.

The PROCEEDINGS of *Fine Tuning* consists, each year, of about 200 single-spaced typed pages of very small type... about like you are reading now. We produce it at this very small size type face so that we might give each purchaser 50% more value/information than they would normally receive in a 200 page book. Each annual is divided into five sections: Propagation, Antennas, Receivers, Peripheral Equipment and Features. The Features section contains articles on broadcasting in target countries, historical articles, collective articles on technical and non-technical tips, articles about DXpeditioning, etc.

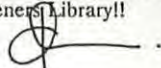
Unique in the radio hobbies, each article is reviewed in detail by a Blue Ribbon panel of "experts" and then rewritten prior to going to press. Each article is also edited for grammar and (most importantly) style, to make sure that readers who are not very knowledgeable about the subject area can still benefit from every article.

One of the other main goals of PROCEEDINGS is to act as a bridge between the SWBC hobby and our sister hobbies of MW DXing and amateur radio. We seem to be accomplishing that goal, as well. We have an increasing number of readers in those two hobbies. Further, in the 1991 edition, we had two of the very best of the amateur community join the ranks of authors. Bob Eldridge, VE7BS, wrote the finest Beverage antenna article since the one by Dr. Beverage in the 1920's. Bill Tippett, W0ZV, wrote the clearest most concise explanation of Long Path and Bent Path propagation ever published, in my opinion. (That stuff applies to Tropical Bands, fellas!!!)

All of us involved with PROCEEDINGS wish that we could make these super articles available through the club bulletins but we cannot. The articles are just too long. Although the price, \$20 for 300 pages worth of material, is a superb bargain, we wish we could offer PROCEEDINGS at a lower price. Unfortunately, costs are such that it is just a break-even operation, now. If you would like more information on what is in the 1991 or earlier (still available) Editions, just drop me a SASE at the masthead address.

73

Darn, outta space one last time. Fellas, it has been a real pleasure. Many thanks to Harold Cones, Bob Brown and most of all, Bill Oliver, for all that they have done for this column and for the Journal. Most of all, thanks to each one of you who have taken precious "radio time" to contribute to Listeners Library!!



Asian Destinations

Mitch Sams
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Blue Springs, MO 64014



This month we zero in on the Islamic Republic of Iran. Ancient and exotic Persia, this country is quietly becoming a power in today's middle east politics, a bystander benefactor of Iraq's defeat in the gulf war and the fall of the Soviet Union.

With these dramatic new events, Iran is now turning their attention to other priorities. They have accelerated the pace of their arms purchases by inking major deals for Soviet aircraft & submarines. One deal even includes the establishment of a MiG factory in Iran. The Soviets are desperate to sell military hardware and Iran is ready to buy.

Internal Iranian information "leaked" to the media recently describes a plan formulated by Iran to annex Shiite-majority Azerbaijan. Based on not only religious motives, but economic ones as well, since Azerbaijan is oil-rich (See the January ASIAN-DESTINATIONS column). Iran also continues to support Shiite rebels in southern Iraq and Kurd rebels in northern Iraq as well as Shiites in Turkmenistan.

This creates quite a dilemma for the Soviets: by generating the much needed business for its arms industry, it is also jeopardizing the stability of Turkmenistan and one of its most unstable former states - Azerbaijan. Iran has the converse of this dilemma: how to continue to benefit from the CIS's military deals while covertly encouraging revolt across the border.

Propaganda is part of Iran's plan - leaflets and radio are the weapons. Iran has recently made some substantial upgrades to their radio and TV operations. New shortwave outlets are planned in Mashhad, Zahedan, Awhaz, and possibly Sirjan (Sa'idabad). Several new 500 kw shortwave transmitters have been ordered for installation, with some units now operational. The new locations create a "ring" of coverage around the country. Awhaz in the southwest of the country currently has only 1 medium wave outlet, and no FM. Mashhad,

in the northeast, has an established MW & FM network. Zahedan, in the southeast, has 2 mediumwave outlets and no FM. Sirjan has 1 mediumwaver and no FM.

There was a report in November from Alok Dasgupta in Australian DX News that Radio Zahedan was heard on 11930 at 1530-1630 with local programming in Urdu. I've seen nothing in print since this initial report.

Iran's Voice of the Islamic Republic of Iran is not difficult to catch on shortwave. 15084 kHz is a long time outlet that can be heard at several different times of the day. On rare occasions in the past some English has been heard on this frequency, but most likely you will not hear English. VOIRI's English service is now much easier to hear thanks to a fairly new release time of 0030-0130 UTC. Check 9022, 9720 and 15260 kHz. I find that 9022 is in the clear. Other English broadcasts are scheduled for 1130-1230 on 7215, 9525, 9685, 11930 and 11790 kHz; and at 1930-2030 on 6030, 9022, 15260 kHz. I used to try for the 1930 broadcast as a real DX target here in the central US on 9022 kHz.

If you want to try for some real tropical band DX from Iran then look for a relay of Tehran's home service on 3779 kHz at 1430 UTC sign-on. The time and frequency combination makes this one very difficult in North America., but it has been logged on rare occasions in the last 10 years. I haven't seen any reports for it recently, however.

The most interesting part of the shortwave scene in Iran is not the legitimate VOIRI activity, but the clandestine broadcasts that are both directed at Iran and originating from Iran. There are several outlets, running the gamut from rogue fly-by-night operations to well funded and government supported organizations. It is difficult to keep up with the latest in this area, so I've turned to Gerry Dexter and Hans Johnson, both experts in clandestine activity. Thanks!

Clandestines broadcasting from Iran

Voice of the People of Kurdistan. This is a station of the Patriotic Union of Kurdistan (PUK) headed by Jalal Talabani, which is the second largest group in the Kurdistan Front. ID as "Air dangi Gelli Kurdistana". Try 0400 on 7085v. Active since fall '88.

Voice of Rebellious Iraq. Station of the Supreme Assembly of the Islamic Revolution of Iraq. Started during the Shiite uprising in southern Iraq in March 1990 and claimed to operate from Basra. ID "Sowt al-Iraq ath-thair", at 0430 on 6330 kHz.

Voice of the Palestinian Islamic Revolution. Little known Iranian backed station rejecting current peace negotiations. Try for it at 1900 on 9610 kHz, ID "Sowt al-thawra al-filistinia al-aslamia".

Voice of Iraqi Kurdistan. Possibly not originating from Iran. Run by the Kurdish Democratic Party headed by Massoud Barzani, who is also the head of a coalition of Kurdish groups known as the Kurdistan Front. ID "Air dangi Kurdestan Iraqa" at 0430 on 6295 kHz. Active off and on since 1965.

Clandestines directed at Iran

Voice of Iranian Kurdistan. Iraqi backed Iranian Kurdish Democratic Party station. ID "Air dangi Kurdistan Irana", at 0315 on 4065 kHz. Listen for 5 min. flute-type interval signal.

Voice of the Mojahed. Station of the Iraqi backed Mujahideen e-Khalq who are the best armed Iranian opposition group with their tank-equipped National Liberation Army which is based in Iraq. Try for them at 0230

on 5070 kHz, variable to avoid jamming. ID "Seda'ye Mojahed".

Radio Liberty of Iran. Via Egypt. This is the new name of what used to be called Radio Iran, the pro-Bakhtiar ex prime minister of Iran who was assassinated last year in Paris. Try 0230 on 9400 kHz or 0100-0300 on 15650 kHz, ID "Radio Azadi Iran".

Iran's Flag of Freedom. Egyptian backed group wanting a return to the monarchy in Iran. 0330 on 11470, 9250 and 9045 kHz. English IDs.

Most of these stations have been heard in North America.

KAZAKHSTAN. Last year in this column we discussed the central Asian Soviet republics and surmised that we might see some new shortwave stations or services appear from this area. While on a business trip to France in March I was able to listen to Radio Alma Ata with a very interesting, and fairly new, English service on shortwave.

The broadcast was filled with revelations of past crimes of the old rulers in Moscow. One report was very interesting, giving details of how Japanese POWs in WWII were secretly held in Kazakhstan. These details were supposedly kept secret until now.

There was a real "local" flavor to the program and the announcers were very friendly, asking for reports several times. I heard them on 5035, 5260 and 5960 kHz at 2100-2200 UTC (a bit early for North America). But look around, you may find a new time and frequency for this English service.

Happy hunting! 73z, Mitch Sams

FOR SALE: Info-Tech M-6000 (V.5) multi-mode code receiver with manual and accessories, Magnavox computer amber monitor 80 (BM 7622), Klingenfuss 1991 Utility Guide, Klingenfuss Air and Meteor Codes 11/e, World Press Service Frequencies 5/e and Embassy Radio Communications Handbook. Complete package, \$425.00 including shipping in original boxes. Brian Goslow, 45 N. Ashland St., Worcester, MA 01609. Phone (508) 799-5428 evenings.

NASWA Portraits

Jerry Klinck
43 Lein Road
West Seneca, NY 14224



HELP!! S.O.S.!! If you have put off writing to "PORTRAITS" NOW IS THE TIME to do it! I have but one profile left here, that of Dr. Cones and that's it! If possible, include a photo, but send us your story NOW!

This month we travel to one of the "prairie states" . . . Kansas . . . and the home of Richard E. Hankison. A note accompanied Richards' profile and, because of the interesting content, I will incorporate parts of it into the this portrait.

"It was the late sixties and the world was getting smaller at a rapid pace. Satellite communications linked us with far-away places as they gave us live pictures of events in Europe and a daily dose of Vietnam. I was a high school sophomore living in New Jersey. I had a passion for science and history, so shortwave seemed like a natural. But my first exposure to radio was amateur radio, being fascinated by a friends Hallicrafters rig, his shack and a rotational beam in the back yard. The equipment probably belonged to Freds' dad but, at the time, that did not occur to me. Fred was a ham and I listened as he talked to people all over the place."

"So was my introduction to radio. Only one thing held me back from a lifetime of ham radio, the fact that I had nothing to say. The rag-chewing wasn't all that appealing to me. [amen - ed.] What appealed was the concept of long distance communication, the theory rather than content."

"I am not one of those people who remembers their first contact on shortwave. I do remember building a small Heathkit and stringing wire up in the attic. Viola, I was hooked. I was 'Dr. DX', listening in my room till 3:00 A.M., when my peers were sneaking out of their rooms for rendezvous downtown. I upgraded my shack with two more kits and strung a lot more wire before graduating from college. The Heathkits found there way to garage sales and the QSLs were lost somewhere between New Jersey and Los Angeles. What a loss!" [yep - ed.]

"After fifteen years and many miles I returned to shortwave as suddenly as I left it. In January of 1989, it called, and I went out and bought a used Yeasu FRG-7700. Again, I have upgraded to a Kenwood R-5000 and I am back in a big way. I am still a DXer, and despite the fact that Kansas is a poorer listening post than New Jersey, I have managed to eclipse my previous totals. Now I am content and am amazed at the changes since the late sixties. Never mind the equipment, which is clearly superior these days [in some ways - ed.] but the program content is wonderful. Gone are the days of constant political rhetoric. There is travel, culture and relatively unbiased news and, of course, if you are into socio and political bashing there is still P'yongyang and Havana. Some things never change."

"I am bullish on shortwave, and really take exception to people who think shortwave is dead. Sure, Communism seems to be dead, and there does seem to be better alternatives in digital technology, but there is a bigger enemy in the world than Communism. It is called ignorance. And while digital technology is superior to shortwave, where are all those small, regional broadcasters going to find the bucks to invest in all that nice new equipment? No, I say that shortwave radio will be with us for quite a while. It is unfortunate that KOL Israel and RCI have cut back, but there will always be strange and mysterious signals from Africa and the Pacific."

"And so I have come full circle and then some. At age 38, shortwave is a major part of my recreational life, from DX to easy listening. It fulfills my childhood passions which, interestingly enough, have come full circle too. As we begin the '90s, I look forward to aging gracefully with my radio at my side, listening to the world grow smaller and smaller."

Thanks Richard. I could almost sign my name to that story . . . the similarities are amazing. The shortwave bug must have been very active in January of 1989.

I'm sure there are other very interesting stories out there. Let's hear from you!

73 & Great DX!!

NASWA Awards

Dr. Harold Cones
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Compuserve 71570,411



Welcome to the Awards Column for April. It took several months for everything to shake out but now the multiple boxes of paper have been successfully exchanged. Since I and my groaning file cabinet are the present holders of the records, all awards applications should now be sent to the Newport News address and not the Wyomissing address. The grand shuffle of awards managers has prevented us from having a column for several months, so there is a lot of award activity to report. We welcome six new participants to the program: John Dawe, Sam Dellit (from Australia), Jim Galgano, Mike Hardester, Jason Moore and Chris Lobdell. NASWA welcomes these new folks to this fun aspect of the hobby and hopefully we will be able to welcome you next month.

We awarded 17 different awards to 15 participants this time as follows:

All American DXer
Royal Berglee

Asian Continental DXer
Dan Prisco

Australian DXer
Don Hosmer

DX Centurion
Steve Forest
Brian Lawrence
Stephen Price

Senior Ecuadorian DXer
Chris Lobdell

Ecclesiastic DXer
Stephen Price

European Senior DXer
Brian Boulden
John Dawe
Jim Galgano
Jason Moore
Ron Stout

180 Country Endorsement
Don Hosmer

International DX Listener
Jason Moore

Maple Leaf DXer
Richard Hankinson
Mike Hardester

DXer de Pacifica
Sam Dellit

Master PNG
Don Hosmer

Pirate DXer
Don Hosmer

South American DXpert
Dan Price

Senior Time Station DXer
Mike Hardester

Senior Venezuelan DXer
Chris Lobdell

All Voice of America DXer
Brian Lawrence

Featured Award Of The Month

Looking for an interesting award to add to your collection? The time station awards are different, challenging and fun. The Senior Time Station DXer award requires verification of at least 10 different time stations, with at least one from each continent (Antarctica excluded). The Master Time Station DXer award requires at least 20 different stations, with at least one from each continent (Antarctica excluded). Degree of difficulty? NASWA has awarded 22 seniors and 5 Masters. Unlike some of the other awards, there are several special references available to help you with these awards: Gerd Klawitter's "Time Signal Stations," and the February 1990 DXers Forum article in the Journal. Many listeners report that Africa will be the most difficult to hear and verify. You will never know unless you try, so why not take a shot at these? I look forward to your applications.

NASWA has had a 10 person awards committee in operation for some time. The committee is presently considering several new awards. Is there an award you think we should offer? Let me hear from you with your thoughts. I am interested in publishing a copy of any lists you have developed to help you in your award chasing--if it helps you, it will most likely help others.

"Til next month, happy listening.

Listener's Notebook

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CompuServe 76702,771

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All times, dates, and days of the week are GMT (UTC), dates are MM/DD or MM/DD/YY.

ALBANIA - Financial problems of Albania's infant democratic regime have caused more cutbacks at R. Tirana. The old fanfare IS has been replaced by a folk melody for guitars. The current sked had not been fully traced as of early March. (RNMN 2/6) From 3/1 R. Tirana changed its sked. So far it has been traced at 2130-2200 in FF on 7260 & 1395 kHz, and at 2200-2230 in EE on 1395 kHz. (WBI 3/6) **English** broadcasts are announced as 0230-0300 & 0330-0400 on 9580 & 11825 kHz; 1430-1500 on 7155 & 9760 kHz; and 2200-2230 on 1395, 9760, 9580 kHz. (WBI 3/13)

R. Tirana has drastically cut its sked. A Media Network investigator is being sent to the scene. It seems the only way to keep the station going will be to use foreign sponsorship. At least three well-known int'l broadcasters have expressed interest in hiring the MW freq of 1395 kHz. (JM on RNMN 3/19) Noted with a clear signal on 3/21 on 11820 at 0230-0300 & 0330-0400; unable to find // 31 meter frequency, if any, but apparently no longer 9580. (John Norfolk, OK)

ALGERIA - *Radio Algiers International Service*: (frequencies marked 'a' are announced, but unconfirmed) 1700-1800 **English** to Af on 9535a, 17745; 1703-1800 AA (V. Palestine) to ME on 6145, 6160, 7145, 11715, 15205, 15215; 1800-1900 AA to ME on 7145, 11715, 15205, 15215; 1800-1900 SS to Eu/ME on 9640, 15215; 1900-2000 AA to Eu/ME on 7145, 11715, 15205; 2000-2100 **English** to Af on 11715; 2100-2300 FF (unconfirmed) to Af (no freqs given); 2200-2300 SS (V. of Free Sahara) to Af on 9640, 15215; 2300-2400 SS to Am on 9640, 15215. (WBI 2/28)

AUSTRALIA - The French firm of Thomson-CSF has won a contract for two 250-kw xmtrs for *Radio Australia* at Darwin. The contract is worth A\$4.75M, and will bring to five the number of xmtrs at Darwin. ASEA-Brown-Boveri has been awarded a contract for A\$500K to expand the antenna switching matrix and upgrade the computer control equipment. The whole Darwin project will cost A\$5.75M, and should be ready by 12/93. (Mike Bird on RNMN 1/20)

I see annoying references in DX newsletters as to reception and QSL's from "VL8A", "VL8T", "VL8K". This is incorrect, as these are merely callsigns allotted by Dept. of Transport and Communications to the designated transmitters. Reception should more correctly indicate the particular "studio" originating programme material, and the corresponding QSL should be similarly indicated - eg: ABC, Central Australian Aboriginal Media Association (CAAMA), Top End Radio, etc. (Bob Padula, Australia) Rather than incorrect, it would seem to me more to be a manifestation of the concept that a "station" is a transmitter, or grouping of transmitters, at a site, and that a new program does not make a new station. [df]

AUSTRIA - *R. Austria International* reorganized its EE program sked on 3/1. New times for Austrian Shortwave Panorama are: Sundays, 1030, 1130, 1330 and 1530; Mondays, 0330 and 0630. Only one freq change was made 3/1: the 1100-1400 transmission to the Far East was moved from 25m to 17730 kHz. (David Herriges, ASWP 3/1) For Z92, Austrian Radio plans the use of 17730, ex 11780, for its 1100-1400 service to the Far East. Parallel 15450 remains. Station now makes very few seasonal frequency changes, unlike other major European broadcasters! (Bob Padula)

BANGLADESH - *R. Bangladesh* heard on new 11705, from 1815 in **English** to 1900*; good 3/12, // not traced. (Ernie Behr, Kenora, Ontario)

BELGIUM - *BRT International*, from 3/29: 0500-0600 on 5910 to Eur, 17545 to Afr; 0600-0730 5910 Eur, 11695 Eur/Aus/As; 0730-0900 Mo-Sa 9906, 11695, 13675 to Eur; 0730-1130 Su

on 9905, 13675 to Eur, 21815 to Afr; 0900-1200 Mo-Sa on 9905 & 13675 to Eur; 1000-1200 Mo-Sa on 21815 to Afr; 1200-1500 Mo-Sa & 11-123- Sun on 21810 to SEA & 17555 to NA. 1230-1600 Su on 9905 & 13710 to Eur, 21815 to Afr; 1400-1600 Mo-Sa on 9905 to Eur; 1600-1800 on 9905 to Eur, 21815 to Afr; 1800-2100 on 9905 to Eur, 17550 to Afr. 2000-2130 Mo-Sa, 2030-2100 Su on 5910 & 9906 to Eur. 2130-0030 on 9930 to NA, 13655 to SA. **English** is at 0630, 0900 Mo-Sa, 1130 [Sunday only? he didn't say], 1300 Mo-Sa, 1800, 2100, 2330. (Radio World 3/14, via John Norfolk, OK)

BHUTAN - (see Feb LN) Believe a lot more monitoring is needed before it can be said *Bhutan Broadcasting Service* has changed its schedule. Thursday, 2/27, 1430-1445 heard local ID (The English Service of the BS), into N Radio w/"Scope" program on world health matters. Tuesday, 2/25, 1430 seemed to be a local interview till 1438, then local ID. In the past noted UN program "Perspective" on 11/7 and "Scope" on 11/28, both Thursday. Also noted 2/11 on 5025.3 & 2/21 on 5025.4; all other days on 5025.0 kHz. (Ron Howard, Carmel, CA)

BOLIVIA - *R. Frontera*, Cobija, listed on 4450 kHz is actually on 4449.9 kHz and IDs as "Frontera la Radio." (Henrik Klemetz [HK], traveling in Latin America/DXPL 2/7)
Radiodifusora Tropico, location and time not given, on 4552.6 kHz (HK/DXPL 2/7) [Not clear if this is La Voz del Tropico, Villa Tunari, ex 4435 kHz, or Radio El Tropico, Trinidad, ex 3405 kHz, or new--ml]

BOUGAINVILLE - *Radio Republic of Free Bougainville* has QSL'd promptly via Australia with a full data QSL letter signed by Sam Voron, VK2BVS. Radio RFB has provided only an irregular service since 2/13 due to shortage of fuel for its generator. VK2BVS' phone is (61) 2-4171-066. The reply also included a copy of the memorandum between the Bougainville interim government and the International Amateur Radio Network on the operation of the station. The mailing address of the interim government (complete with all mod. cons.) is P.O. Box 120, Arawa, Republic of Bougainville. The fax number is 97-1102. The telex number is 95-828. The telephones are 97-1101 and 97-1103. The reception report was sent via the Humanitarian Aid Coordinator in the Solomon Islands. (Nobuaki Takahashi on RJDXC 3/1) *RFB* is on 3880 kHz, apparently regular again, at 0800-1110 and as late as 1150; heard in New Zealand with fair signals. AC has had a QSL from VK2BVS. RFB has added an English newscast at 1000 daily; it said in a recent broadcast that RFB has received over 90 letters from listeners abroad. (AC on RNMN 3/12; repeated in part on RNZI 3/15)

CAMBODIA - *Voice of the Great National Union Front*, formed from a merger of the Khmer Rouge's Voice of Democratic Kampuchea and the Voice of the National Army of Democratic Kampuchea, switched from 5408 to 5200 kHz in mid-February. Sked is 0800-1000, 1200-1500, 2330-0200, in Cambodian. (WBI 2/28)

Voice of the People of Cambodia HS is heard on 918, 4985v, 6090 kHz. 9695 kHz, used by the FS, is inactive. (Hiroshi Fujita, via ADXN)

Voice of the Khmer (Cambodian: "Samleng Khmer") (Clandestine) operates 0200-0300, 0400-0700, 0900-1400 & 2330-0200 on 6325 kHz, and 1250(unconfirmed). (WBI 2/28)

CANADA - When the Ontario DX Assn. took over the QSLing duties at *CFRX*, Toronto, 6005 kHz, it sponsored a special Winter Equinox [? df] Test 12/21-12/23, which was promoted on Media Network. According to a QSL from Stephen Canney of the ODXA, for a February reception report to *CFRX*, the certificates for the Equinox test QSLs had not come back from the printer as of 2/26. (Mike Fern--CA)

CFVP, Calgary, 6030, much better sig since 3/6, from 1200 pop songs & "AM-106" IDs till VOA s/on; news at 1226, 1256, etc; strong & clear daily. (Ernie Behr, Kenora, Ontario)

CHINA - China's first provincial-level English service radio station was to go into official operation 2/28 in Guangzhou, capital of Guangdong Province, in south China. The service will feature news, economic reports and coverage on science & technology, culture, education & tourism, as well as information services for foreigners living & travelling in the province. English programs will be aired 13 hours daily. (Xinhua news agency, 2/19, via WBI 2/28) Test broadcasts of the *Radio Guangdong* English service were noted on 603 kHz, from 0330-0500 on 2/20. The same 5 minute newscast was aired at 0330, 0400, 0430 & 0455. (Monitoring Research, WBI 2/28) A Canton station executive said xmtrs to serve Hong Kong and Macau will be added by August. Shortwave xmtrs to serve Southeast Asia are also planned. Chinese-language lessons for visitors are planned. Many Chinese students have written or phoned R. Guangdong about the service because they want to learn English. English-speaking business travelers outnumber tourists in South China. (Reuter on DXPL 2/22)

R. Beijing has a new language, Hungarian, to Europe at *2030 on 6933 kHz. (Alex Wellner in ADXN)

The Chinese have announced that this year they will not be having summer time, which is a change from policy in the recent past. (Andy Sennitt on RNMN 3/19)

COLOMBIA - La Voz del Guainia, Inirida, 3500 kHz, heard closing at 0100. **R. Macarena**, Villavicencio, 5975 kHz, now closes at 2300 to avoid international b/c QRM. (HK/DXPL 2/7)

COSTA RICA - Adventist World Radio Latin America was heard in Japan on 9725 kHz with fair signals from 1200-1300 2/9. The morning sked includes EE from 1100-1300 and SS after 1300. (Nobuaki Takahashi on RJDXC 2/22)

R. Casino, Puerto Limon, 5953.4 kHz, heard at 1219 in Quito with program in SS from Voice of America. (HK/DXPL 2/7) Usually the last distant signal to fade out in the morning in Quito. (RMV/DXPL 2/7)

CROATIA - Studio Zagreb, Zagreb, is being heard at night in Europe with a new weak signal on 4990 kHz // 1134, 1557, 7240 and 9830 kHz (Dave Kernick, BDXC 2/92, via DXPL 2/23). **Zagreb Radio**, 21480, Croatian 0700-0800, parallel 9830, unheard on scheduled 7240. Puzzling, unsure as to whether an intended operation or harmonic. Zagreb listed ITU D91 on 7160 with 10 kW, but not at this time period. 21480 is 3 x 7160. 20 March. Heard with English 2203-2210, then into Croatian, 9830, as 3/14; this will probably shift to 2102-2110 during Summer Time. (Bob Padula) **Croatian Radio** has announced a news bulletin in Croat for North America at 2100 on 17272 kHz [sic] (Tony Rogers, BDXC 2/92, via DXPL 2/23)

CUBA - Radio Habana Cuba is planning test transmissions on 25800 kHz with 5 kw SSB. The tests are scheduled on weekends in May, to mark RHC's 31st birthday. Transmissions at 2000-2100 // 17705 with EE for Europe are certain; also possible are xmsns at 2200-2300 // 9620 kHz. with EE for the Caribbean. A special QSL card is being offered. (Arnie Coro and JM on RNMN 3/19) To avoid QRM from the Ukraine, RHC has moved its EE xmsn to NA to 11970 kHz. from 0000-0500. (JM on RNMN 3/19)

CZECHOSLOVAKIA - R. Prague Int'l has English (till 5/3) at 0000-0027 on 7345a, 9540b, 11990c; 0100-0130 on 5930c; 0300-0330 on 7345a; 0400-0430 (freq omitted); 0730-0800 on 17725a, 21705c; 1800-1827# on 5930c, 6055a, 7345b, 9605c; 1930-1957# on 6055a, 7345b; 2100-2130# on 5930c; 2200-2225# on 6055a, 7345b, 9605c. # = 1 hour earlier during Euro-summer time. Transmitter sites: a=Litomyšl; b=Velke Kostolany; c=Rimavska Sobota. (Mike Ogrizek in ADXN) **RPI** may be expanding shortly, even though they are on a tight budget. On 3/29 transmissions to Europe shift one hour earlier, to 1700, 1830, 2000 & 2100, but remain on the same frequencies till early May. Times for the **DX Special** to NA, as monitored in mid-march: GMT Thursday at 0015 on 7345, 9540, 11990; Thursday 0315 & GMT Sunday 0110 & 0410 on 5930, 7345 & 9540. (John Norfolk, OK)

DOMINICAN REPUBLIC - Radio Clarin is back on 9950, hrd 3/27 from 0200 w/merengue music & SS IDs, past 0400; powerhouse signal; also heard 3/10, from 0200. (Ernie Behr)

R. Clarin, Santo Domingo, has reappeared on 9950 kHz; heard in Germany between 0200-0230 3/6. (Martin Elbe via DX Window and Andy Sennitt on RNMN 3/19)

ECUADOR - Ecos del Oriente, Lago Agrio, 3270 kHz, has been back on since 2/8; heard at 0118 with "Monje Mechor", Mechor the Monk, a Peruvian male Abby Landers. Usually excellent signals in Quito. (RMV/QLB/DXPL 2/22)

La Voz del Upano, Macas, has a fourth channel operating on 5020 kHz; did final testing // 5040 but is now separate. Also heard on 4762 kHz at 0128 with light vocals until signoff at 0305. Signals were loud but modulation was very distorted; also at 1205 the following day; both times // 5020 kHz. (RMV/QLB/DXPL 2/22)

La Voz de Saquisilí Radio Libertador, Saquisilí, 4900 kHz, was reactivated 1/23; heard in Quito at 1158 promoting famous Saquisilí Market every Thursday; said power would go off in seven minutes, and it did. (RMV/QLB/DXPL 2/22)

Emisoras Gran Colombia, Quito, 4911 kHz, is apparently on the air. The manager, Grace Ceballos de Reyes, told Henrik Klemetz that it is only on SW from 1700-1930, and from 1400-2000 Sun (12n-2:30pm and 9am-3pm local time). Most tropical band stations use SW in the early morning and evening, staying silent when the band is out. Sra. Ceballos de Reyes said an evening program is planned to begin on 2/1 called "Sol de Media Noche" (the sun at midnight)

from 0400-0500. RMV checked at midday in early March but heard nothing. (HK/RMV/DXPL 2/7)

La Voz del Upano, Macas, has a spurious signal on 4505.3v kHz // 5020 kHz (HK/DXPL 2/7)

R. Catolica Nacional, Santo Domingo de los Colorados, has purchased the studios and AM and SW licenses of *R. Zaracay*. Station manager Juan Siquenza told Henrik Klemetz that *R. Catolica* is building a network of stations across Ecuador, hoping to model it after the COPE church network in Spain. *R. Zaracay* remains on FM. (HK/DXPL 2/7)

R. Jesus del Gran Poder, Quito, 5050 kHz, is silent Sundays, but its sked is otherwise unchanged. (HK/DXPL 2/7) [WRTH 92 says 0945-1500, 2300-0100--mf]

HCJB, 15140 kHz, carries *Cadena Nacional de Radio y Television* in SS from 0130-0200, formerly *Radio Nacional del Ecuador*. Reception was fair. *HCJB's* own SS programs can be heard from 0200-0505. (Nobuyoshi Aoi on RJDXC 3/15) [This doesn't check out in CA. Tues 3/17 and Wed 3/18 were both *HCJB's* own programming, news in SS at 0130 and music or features until 0200. *R. Nacional* might be weekend-only.--mf]

EGYPT - From 3/1 *R. Cairo* added a new AA svc to Australia at 0900-1000 on 15435. The old svc at 2000-2100 is dropped. Also from 3/1 9926.5 kHz has been changed to 9770 for the 0350-0700 General Program in AA for NAF/Eur. Persian is retimed to 1330-1530 (ex 1745-1945) on 11560. (Bob Padula in ADXN 3/92)

EL SALVADOR - *R. Venceremos* anncd 2/20 it would increase power in an effort to cover most of El Salvador & beyond the border. It plans to broadcast 0000-0400, and 1200-1500. (WBI 2/28) The station ancd it is broadcasting "from Perquin", in northeastern Morazan Department. (WBI 3/6)

FRANCE - The English program of *Radio France International* is now IDing as "RFI World Service." An interview with RFI's director-general was scheduled for Sunday, 3/1. He was to answer questions about RFI's future sent in by listeners. (Larry Nebron, US, on RNMN 2/20)

GEORGIA - *Radio Georgia's* external service from Tbilisi was heard briefly and with poor reception signing on in EE at 0600 on 2/21 on 11803.23 kHz. (WBI 2/28) *Georgian Radio* has resumed broadcasting in English. It was heard in Japan from 1900-2000 on 7160 kHz. Reception was poor because of QRM from RFI Gabon. The format included 15-min programs in EE and RR, each repeated twice. The EE schedule [sic] as broadcast was: 0300-0400 on 6180 kHz; 0600-0700 on 11850 kHz; 1700-1800 on 9825 kHz; 1900-2200 on 6180 and 7160 kHz. These skeds may include errors, since reception was very poor. *Georgian Radio* had been silent from October until Feb. (Radio Moscow WS Russian DX Program, Shigenori Aoki and Yoshinori Kato on RJDXC 3/8)

The *Georgian Radio* External Svc heard again since 3/3, after several months' absence; on 11805.3, from *0500 IS & RR, 0532 English & NA to 0604*v; on 11900.3 from *1957 in RR, 2030 English till 2100*v, both very strong 3/6, but badly distorted audio. IDs as *R. Stantsiya Gruzia* & "Georgian Radio". (Ernie Behr, Kenora, Ontario)

GERMANY - *Armed Forces Network Munich* closed 2/14, earlier than expected, as part of the U.S. troop withdrawal from Germany. Other AFN stations in Bavaria remain for now. (RNMN 2/20)

Deutsche Welle changes from 3/1: 2100-2150 EE on 13780 via Julich, ex 6185; 2200-2400 GG on 11795 via Russia, ex 7340; 1000-1400 GG on 15560 via Russia, ex 7340, and 21640 via Trincomalee, ex 15350. (Bob Padula in ADXN 3/92)

GUAM - Programming source for *DX-Asiawaves* is the ARDXC, on a contractual arrangement with *AWR-Asia*. For Z91, programme will be heard 0215 Sundays 13720, 1615 Saturdays 11980, 1815 Sundays 13720, 2330 Saturdays 15610. Special ARDXC full details QSLs are available direct from ARDXC, Box 227, Box Hill, Victoria 3128, Australia. Two IRCs for airmail reply. Cards are large, multicolored, glossy, showing Australian fauna and flora. Reports are mainly received from Europe, for either the 1615 or 1815 shows, where reception is excellent. (Bob Padula)

Effective 3/29, *KTWR* plans introduction of Korean programming: 2330-0000 Thursdays 11580, 1300-1315 Fridays 11700, 1145-1200 daily 11805. Also new is a segment in "Russian Dialects", 1600-1645 daily, 9785. The daily service to Africa, in "African Languages" continues on 11650, 1945-2100. Per engineering sked from *KTWR*. (Bob Padula)

HONDURAS - *Radio Luz y Vida*, HRPC, 3250 kHz, San Luis, has added more English programming to its sked and is looking for an international audience and reception reports. An International Friendship Program in EE began 3/1 at 0330 Sun and Mon UTC (Saturday and Sunday target dates). HRPC has a new QSL card. Return postage is not required but is appreciated. A new bi-lingual program "America Sings," at 0315-0345 Tues-Sat, began 2/10. Announcements are in SS but all songs have EE lyrics. Time of a release on Sun UTC had not been decided. HRPC's sked is 1100-0400 on 1600 kHz MW and 1100-1600, 2200-0400 on 3250 kHz. The address is: Radio Luz y Vida, Apartado 303, San Pedro Sula, Honduras. Fax mail may be sent to (504) 57-0394. (Paul Easley, Director, HRPC, on DXPL 2/29)

INDONESIA - *RRI Palangkaraya* increased power from 10 kw to 50 kw on 3325 kHz in 10/91. The current sked is 2200-0100 and 0900-1300. RRI Palembang now has EE from 1000-1025 on 4855v kHz and 1287 kHz MW. (Aboy Nawan Thiriati, Indonesia, in OZ-DX via DXPL 3/15)

IRAQ - An Iraqi jammer has appeared on 9985 kHz. It is so strong in Europe that WCSN/WSHB have given up the channel and moved to 13770 and 15665 kHz between 2000-2400. The jammer's target is so far unknown. (Hugh Rees, Madrid, on RNMN 2/20)

R. Iraq International, Baghdad, heard at 2317 on 11830 kHz in EE to NA; also announced 15455 kHz to South America; good signals in February. (Wojtech Zaremba, Poland, on DXPL 3/7)

R. Baghdad Int'l carries EE to SAs & the Pacific at 0100-0105 on 15150 kHz. It is asking for reports to Box 8145, Baghdad. (AC on RNZI 3/15)

ISRAEL - The *Voice of Israel* has announced that the Israel B/C Authority will drastically curtail radio and TV broadcasts starting in March, since no solution has been found for the budget vs. usage fee problem. The management decided that as from 3/1, regular Hebrew and Arabic [TV] Service broadcasts will be stopped. These broadcasts will be replaced by slides, background music, and news headlines every hour. The Voice of Israel broadcasts on Network A, The Voice of Music, the Immigrants' Network, and the safety wavelengths in the north, providing drivers with traffic information and music, and overseas broadcasts will also stop. Networks B, C and D will continue to operate on a reduced basis. These networks will broadcast only news and music, and will be operated by IBA employees only. (David Hermges on ASWP 3/1; emphasis added by DH) [That's one way to put pressure on the Knesset.--mi]

Kol Israel is back on SW as of 3/11 but with a very limited sked. Heard in CA from 0515-0605 on 11588 kHz, first noticed on 9435 from 0515-0518 or so; 0515-0530 in French, 0530-0605 news in Hebrew, including correspondents' reports before 0600, mixed with blocks of commercials. Left air in mid-sentence at 0606. WRTH '92 says Hebrew home service and French were on different 25m freqs before the budget crisis. Jerusalem Post of 3/7 carried the same sked as in 2/92, "until March 1992," probably caught short by the ministerial failure; its stories show TV that week was not cut as drastically as foreign press reports claimed. (Mike Fern--CA)

ITALY - *European Christian Radio*, Ravenna, 6210 kHz, heard from 0700-0717 in English; ID and interval signal at 0717 preceded change of language. (Gregory Dober, PA, on DXPL 3/7)

The *Voice of Europe*, Pordenone, heard on 13666 kHz, in Italian; short EE announcements heard around 1900. (AC on RNMN 3/12)

JAPAN - *Radio Japan* announced the following frequency changes effective 3/1: General Service: To Oceania at 0500-0900 on new 17860, ex 17890; to North America at 1200-1930 on new 11865, ex 9505; at 1800-1930 on new 17825, ex 11685; to Asia at 1300-1400 on new 9580, ex 6185; to the Middle East via the Ekala relay at 1700-1900 on new 15210, ex 15345; Regional Service to Oceania, in English on new 17860 kHz, ex 17890. (RJDXC 2/23)

A survey team from *NHK*, led by Yasushi Takeuchi, director-general of its international broadcasting department, visited the Soviet Ministry of Communications and the BBC in 9/91 and 10/91. The goal was to improve Radio Japan's signals in Europe, including the CIS and Eastern Europe. RJ and BBC have agreed on a program of relay broadcasts to Europe from the BBC site at Skelton, up to ten hours daily, five hours each in the morning and evening, starting in 7/92. Programs will be in GG, RR, JJ and EE. (Radio Japan News on ASWP 3/1)

KAZAKHSTAN - *R. Alma Ata* has EE from 0030-0100 and 1630-1700 on 900 kHz MW, 5915 and 6135 kHz. It is also on the air in EE from 1930-2000 and 2130-2200 on 3955, 5035, 5260, 5960, 5970, 9505, 11825, 15215, 15250, 15270, 15285, 15315, 15360, 15385, 17605, 17715, 17730, 17765 and 21490 kHz. The 1930 xmsn was added in 1992. The xmtrs used at

1930 and 2130 are thought to be former jammers. (Yoshinori Kato and Shigenori Kato on RJDXC 3/15)

KOREA (North) - North Korea began clandestine b/cs to South Korea in 1967, 2 hours daily on 760 kHz MW and 5210 kHz SW. The station claimed to be the voice of a South Korean underground organization, The Voice of the Democratic People's Federation for the Liberation of South Korea. On Aug. 15, 1969, the station announced that an underground political organization called the Revolutionary Party for Reunification had been set up in Seoul. On Jan. 15, 1970, the station took the name "The Voice of the Revolutionary Party for Reunification." On March 1, 1973, it began broadcasting six hours a day. On June 1, 1973 it began a 30-min xmsn in EE. In 1975 broadcasts expanded to 12 1/2 hours a day. In 1976 the MW xmtz increased power to 1500 kw. The station's interval signal, "Song of Dear Leader Comrade" is now used by Pyongyang FM B/c Station. On July 27, 1985, the Revolutionary Party for Reunification changed its name to the National Democratic Front of South Korea. On Aug. 8, the station was renamed "Voice of Nation Saving". A week later, North Korea began a second clandestine broadcast called "Echo of the Masses", pretending to broadcast from Seoul. A three-hour daily broadcast was later increased to nine hours. In early July 1989 it was confirmed that this station had been merged into the organization of the "Voice of Nation Saving," probably because of a change in DPRK policy toward South Korea.

The Echo of the Masses opened its transmission with a folk song, "Arirang," and a children's song, "O Bright Moon." The "Voice of Nation Saving" increased its output to 16 hours a day after the merger. It now broadcasts on 1053 kHz MW and 3480, 4400, 4450, 4557 kHz from 2000-1000, 0300-0700 [sic], and 1000-1700 UTC. It is also on 4120 kHz from 1000-1700 and on 6010 kHz from 1000-1400. Except for the 0300-1000 b/c in EE [sic], it's all in Korean. 4120 kHz shares a transmitter with KCBS on 9665 kHz. 6010 kHz shares with the Pyongyang B/c station on 6250 kHz. The "Voice of Nation Saving" also shares facilities with North Korea's External Service; on occasion it broadcasts R. Pyongyang by mistake.

DXers have repeatedly pointed out that the name "Voice of Nation Saving" is not good EE usage, and should be "The Voice of National Salvation." In November 1990 it was confirmed that the station had changed its name to this proper form. Its a South Korean children's song, "Spring of Home Country." (The ID sounds like "Kobugye Sodon Pangsong imnida" or "Kobugye Pa-re Pangsong imnida" with a very spooky low-pitched gong or bass drum.--mf) (Tooru Yamashita on RJDXC 2/23)

Voice of National Salvation, 6009.85, from 1300 Korean talk & brief music to 1400*; strong 3/4, but other days under noise jammer. Numbers station on 5869.2v, from *1400 IS & long anthem, 1407 numbers by woman to 1422*v, fair 3/12; same IS as R. Pyongyang, but different anthem; 5 digit numbers sounded EE w/heavy accent; not sure if this station has a name; heard them on the same frequency in 1988. (Ernie Behr, Kenora, Ontario)

Pyongyang KCBS, 2850 kHz, heard with weak signals on its 2nd harmonic of 5700 kHz from 1240-1250 3/11. (Mike Fern--CA)

KUWAIT - R. Kuwait returned to SW on 2/17 in AA only, and puts a good signal into Eur at 1900 on 15505 KHz. (RNMN 2/20) It was due to begin English broadcasts on its national day, 2/25; as of 2/27, nothing had been heard in EE; 15505 kHz continues to carry Arabic. (JM on RNMN 2/27). Heard on 11990 from 1400 in AA to 1745*, and on 15505 in AA at *1758-2313*v; very strong since 2/19. (Ernie Behr, Kenora, Ontario)

LAOS - *Lao National Radio* Foreign Svc observed only on 1030 kHz. The sw outlet is ancd, but presumably inactive since 1990. They announce EE at 0600 & 1300. *Lao National Radio*, Luang Prabang, is active on 705 & 7164 (ancd as 7000) kHz at 2225-0130, 0355-0600, 1025-1400. Has local nx 2330, 0530, 1130; national news relay at 0000, 0500, 1200; px in Hmong 2230 & 1330; in Khmu at 2300 & 1300. Every px is 30 minutes. ID is "Thini sathani withayu kachaisiang khueng Luang Prabang". *Lao National Radio*, Savannakhet, is on 1430 at 2225-0100, 0425-0600, 1025-1400; no sw ancd. *LNR, Xieng Khouang*, on 4991, is currently inactive. *Vientiane Capital Radio* is noted only on 1190, no SW ancd; was probably discontinued. Anncs 0030-1200, but actually irregular. (Hiroshi Fujita on a trip to Laos & Thailand, in ADXN 3/92)

LATVIA - R. Riga, 5935 kHz, heard 0510-0540 2/22 because WWCR2 was silent. Weak to fair signals, woman reading news, pop and light music, ID in Latvian and possibly EE at 0530, left air at 0540. (Mike Fern--CA)

Lithuania - R. Vilnius announced the week of 2/17 that plans for the spring would be announced late in February. As of 2/19 it had no ideas which xmtz or freqs would be available

after 3/1 because of huge increases in xmtr rentals imposed by their Russian and Ukrainian operators. (RNMN 2/20)

R. Vilnius broadcast the following message twice in EE 2/24: "There is going to be a change in R. Vilnius frequencies as of 3/2. We are almost certain that, like before, you will hear us on 17690 and 17605 kHz. Two new frequencies are to be added: 9870 and 9530 KHz. I am sorry to say that is all the information we have at present." (Mike Fern--CA) *Do not send hard currency to Lithuania by ordinary mail.* Many Lithuanian-Americans put US\$10 or \$20 in each letter home. The letters never arrive. The Bank of Lithuania's official exchange rate for the CIS ruble -- Lithuania does not yet have its own currency -- is 90 rubles to US\$1. Many letter carriers are under-age girls just out of school, but there are lots of family men. A letter carrier's pay is 1500 rubles a month. A half-dozen foreign envelopes, each containing only US\$1 or \$5, will more than double that on the black market. The opened letters get thrown away. The Lithuanian Post Office has decided to treat all first-class mail from overseas as registered mail. The PTT also is not now accepting outgoing parcels for the U.S. or Canada because it must pay hard currency to the surface carrier. So prizes for a recent R. Vilnius contest have been delayed. (R. Vilnius Listeners' Club 2/23) [A priest at St. Casimir's Catholic Church in Los Angeles, a Lithuanian congregation, told me his two brothers have not heard from him since July. International registered mail costs \$5. The amateur radio magazine QST reported recently that a new, similar service, the Receipt for Recorded Delivery, costs \$2 plain, or \$2.50 if you want the addressee's signature returned to you. Since some post offices don't keep IRC's in stock, you may have to shop around. But buying a Receipt for Recorded Delivery over here means the Lithuanian Post Office will get its cut.--mf]

R. Vilnius' announced English sked at 0000 3/2 was 2230-2358 on 666 and 9535 kHz, and 0000-0028 on 9530, 17605 and 17690 kHz. 9530 kHz, location unknown, is buried under Radio Exterior de Espana, and carries RMWS in EE. 17605 (Petropavlovsk) is SIO 555 when it's on, but has missed three days, 2/29, 3/3 and 3/4 UTC, not limited to R. Vilnius. 17690 (Komsomolsk) is a good SIO 444 and more regular. The 0200 Lithuanian xmsn is good on both 16m freqs but, again, 9530 is Madrid in Spanish covering up RMWS EE. (Mike Fern--CA 3/4)

MOLDOVIA - The Moldova b/c authorities are assembling staff to start an external service on SW in EE, FF, and SS. The name *Radio Moldova International* will be used but no sign-on date has been announced. (Eugene Alexeyev, Moldova, on RNMN 2/20)

MONACO - *Trans-World Radio*, Monte Carlo has moved its 49m channel to 6200 kHz between *1700-2000*. (RNMN 2/20)

NETHERLANDS - Three of the six grand-prize winners in *Radio Nederland's* interval-signal contest were from the CIS. Some of the names are familiar to Journal readers. They are: Feodor Brazhnikov, Irkutsk; Alexander Sevchenkov, Moscow; Mikhail Denisov, Rostov-on-Don. Axel Fredrikssen, Denmark; Wojtek Zaremba, Poland, and Wellington S. Franca, Brazil. The IS's were from Radio Nederland, Deutsche Welle, Voice of America, Radio Prague International, Radio Moscow, and Polish Radio Warsaw. NASWA's own Bob Brown was heard on Media Network 2/20 with a strong pitch for the SWL Winterfest at Kulpville, PA, on 3/13-15. (RNMN 2/20)

Radio Netherlands has added a free newsletter for listeners called "On Target," which is separate from the regular freq sked. If you want it you'll have to write for it: Box 222, 1200 JG Hilversum. (RNMN 3/5)

NEW ZEALAND - *RNZI* went on the following sked 3/15 and it will be effective until the first week of October: 1645-1850 on 9675 kHz; 1850-1938 on 15120 kHz; 1939-0758 on 17770 kHz; 0758-1206 on 9700 kHz; after 1206 on 9510 kHz for sporting events. On 5/4 *RNZI* will drop 15120 and move to 11735 kHz. (Tony King on *RNZI* Mailbox 3/15)

"If you'd like to write to us, our address is Radio New Zealand International, P.O. Box 2092, Wellington, NZ, and if you seek a QSL card for your report, please include three International Reply Coupons." (Tony King, *RNZI* Mailbox 3/15) [This returns *RNZI's* QSL policy to what it was at the start of 1990.--mf]

NIGER - *Voice of the Sahel*, Niamey, operates: (a = alternate frequencies) 0430-0700 on 3260a, 5020, 7155a; 0700-1100 on 6060 (unconfirmed), 7155; 1100-1630 on 6060, 7155, 9705; 1630-1700 on 3260, 5020; 1700-2200 (-2300 Su) on 3260a, 5020, 7155a. (WBI 2/28)

NORTHERN MARIANA IS - *KFBS*, Saipan, has the following [winter] sked: 1400-2000 on 9465 kHz; 1900-2000 on 9475 kHz; 1110-1515 on 9495 kHz; 1300-1530 on 9670 kHz; 0855-1359 on 11650 kHz; 1200-1530 on 11665 kHz; 1125-1159 on 11705 kHz; 2155-0000 on

15320 kHz; 0925-1300 on 15380 kHz. The only English is at 1930-2000 on 9465 kHz. The mailing address is P.O. Box 209, Saipan, MP 96950, USA. (Direct to DXPL 3/7) [Looks like the "USA" may be necessary for those parts; see March LN on Palau.--mf]

PALAU - High Adventure Ministries expects its new SW xmtr to begin b/c at Easter (4/19 for the lapsed and forgetful). Call signs have not been assigned as of 3/11; one known freq is 11930 kHz for morning broadcasts. (John Taylor, High Adventure Ministries, via Mike Fern--CA).

PERU - *R. Central*, Bellavista, San Martin, 4922 kHz, heard in Quito at 1103 during Ecuadorian power cuts with "El Condor Pasa"; freq announced as 4920 kHz; ID is "Radio Central para todo el Peru." (RMV/QLB/DXPL 2/22) [WRTH 92 says 1000-0400--mf]

R. Cora del Peru, Lima, 4915 kHz, noted here 0452-0459 3/11 with the longest closing ritual I have ever heard, seven minutes from the required announcement of freqs and ownership to the final "muchas gracias y hasta luego." A recorded prayer and hymn are part of the signoff. The slogan is "R. Cora del Peru," not "Radio Cora." (Mike Fern--CA)

Emisora Chaves del Peru, Arequipa, 5067 kHz, new, heard with romantic music at 0250; time checks and ID, freq given as 5070 kHz.; only heard 1/22 with fair signals; not picked up in local morning, thought to be a test xmsn. (Daniel Camporini, R. Panorama, Argentina, on DXPL 3/15)

PHILIPPINES - *R. Veritas* will cease broadcasts in JJ at the end of June, according to a Japanese Catholic weekly. The station will be targeted at Communist communities and minority races. The demand for SW broadcasts has been decreasing in Japan. The station hopes to place new emphasis on broadcasts for Asia and the Middle East. It is believed the cut in JJ programs is related to a cut in funding from the German church group which supports R. Veritas. That group announced in 1990 that it would begin a phased reduction of funding in 1991 and end all financial support in 1994. The Japanese staff of R. Veritas Asia will return home in July 1992. (Hiroaki Nakada on RJDXC 3/1)

DZB2, Far East B/c Co., Baco, Mindoro, operates on 3345 kHz with 1 kw, according to Peter McIntire, head of FEBC's Overseas English Dept. It is being heard in Japan from *1000-1100* on 3330 kHz. (Nobuyoshi Aoi on RJDXC 3/8)

POLAND - *Polish Radio*, Warsaw, changed its EE sked on 1/13 and on 2/1. There are four 55-min programs in EE: 1300-1355 on 6135, 7145, 9525 and 11815 kHz; 1600-1655 on 7285, 9525 and 11840 kHz; 1800-1855 on 7145 and 9525 kHz; 2030-2055 on 6095, 6135, 7145, 7270 and 9525 kHz. (Tom Kuca, NY, on RJDXC 2/23)

PORTUGAL - *Radio Portugal* from 3/1 uses new 15375, ex 15295, at 1300-2100 Sa/Su in PP to USA. (Bob Padula in ADXN 3/92)

RUSSIA - *Arkhangelsk Radio* operates 0200-2200 on 5015 kHz. (WBI 3/6)

R. Pamyat expanded its sked as of 3/1. All programs are in Russian. To Europe from 1430-1600 on 15410 kHz; to the Moscow area from 1600-1900 on 12060 kHz; and to Siberia from 2300-0030 on 6145 kHz. 12040 kHz will replace 15410 kHz on 3/29. (Yoshinori Kato and Shigenori Aoki on RJDXC 3/8) The station is asking for reports. Address is: R. Pamyat, c/o Yuri Milolyubov, Flat 4, Volovaj St. 32, Moscow 113054. (James Jordan and Clive Roons, World DX Club Contact 2/92 via DXPL 2/22) [Same sked as given on RJDXC, but 1 hour later]

Adventist World Radio Russia began broadcasting from Novosibirsk 3/1 [sic] on 9835 kHz from 1700-2000 and 2100-0100, and on 11835 kHz from 0100-0800 and 0900-1700. The one hour transmissions are: Burmese, 0000 and 1200; EE, 0100, 0700, 1300 and 1800; Hindi, 0200 and 1400; Marathi SuTuThSa and Telugu MWF, 0300 and 1500; Malayalam SuTuThSa and Tamil MWF, 0400 and 1600; RR 0500, 0600, 1700 and 1800; CC 0900, 1000, 1100, 2100, 2200, 2300. (AWR Guam via Nobuyoshi Aoi on RJDXC 3/1) Doesn't look like they made it by 3/1 [df]. The full sked for *AWR-Russia* is: 0000-0100 Burmese 9835; 0100-0700 11855 English/Hindi/Indian languages/ Russian; 0900-1600 11855 Mandarin/ Burmese/ English/ Indian langs; 1700-1900 9835 Russian / English; 9835 2100-2300 Mandarin. Station advises that reports should be sent to AWR-Europe, PO Box 383, 47100 Forli, Italy. Site is advised as Novosibirsk. Started on or about 3/14, and heard here well on all channels. (Bob Padula)

Changes at *Radio Moscow* were due to take place 3/29. The new name for the Radio Moscow World Service in RR will be *The Voice of Russia*, Golos Rossii. *Russia's Radio* will remain the name of the home service. Many frequency and programming changes were scheduled.

Russians living in the Ukraine are complaining, especially in the Crimea, where 70% of the population is Russian-speaking. Many parts of the Ukraine have switched off Radio 1, Mayak, and Russia's Radio, all from Moscow, and replaced them with programs from Kiev. (JM on RNMN 2/27)

The speculation that *R. Moscow* has funding through June or July is correct. After that, according to R. Moscow officials, the service is to gain a sort of autonomy from the Ostankino Co. (ex-Gosteleradio) by looking for independent sponsorship. Despite the Yeltsin takeover, R. Moscow is not and will not be part of Russian Radio and TV. *R. Moscow World Service* will change its name to *Radio Moscow International* between 3/1 and 8/1. (VS on RNMN 2/27)

Radio Moscow announced 2/27 that it would "suspend" Laotian broadcasts 2/29. (WBI 3/6) *RMWS* said on 2/16, "We do not have any schedules, not even for ourselves. Very substantial changes are expected on all our frequencies in spring, and besides that, many amendments are apparently going to be made to our program schedule. We do not know how this will look in specific terms, so please do not ask us to send any schedules for the time being." (ASWP 3/1)

A new commercial station in Moscow, *R. Galaxy*, is being heard on 9880 kHz in English from 2000-2300. It is beamed to Western Europe and is also being heard with good signals in Eastern North America. *R. Galaxy* intends to concentrate on business news. (BBCM on RNMN 2/20) *R. Galaxy* disappeared from the air within days after its first appearance on 31m. R. Moscow's Frequency Department says *R. Galaxy's* broadcasts were intended for Moscow only, but, without consulting with R. Moscow, the Ministry of Communications sold a 700-kw (count 'em, 700) R. Moscow xmt'r to *Radio Galaxy*. When the Freq Dept found out, they cut the studio-transmitter feed. So *Galaxy* was off the air for a few days. Later an agreement was reached to return *R. Galaxy* to 31m for Moscow only. *R. Galaxy* claims that, from the outset, they applied for an FM channel in Moscow. Since none were available, they took the SW outlet on 9880 kHz for broadcasts outside the country. *R. Galaxy* claims its biggest mistake was to use R. Moscow's studio address as its own, over the air, so listeners' letters landed in R. Moscow's Freq Dept which went red with alarm. *R. Galaxy* said the Freq Dept saw a rival in *R. Galaxy* and shut them down for a few days. After some talks, *R. Galaxy* acquired two 150-kw xmt'rs and is back on the air, viz.: in RR from 2000-2300 on 9800 kHz. As of 3/1 *R. Galaxy* planned to resume EE on SW and start RR programming for Moscow on FM. (VS on RNMN 2/27) [Tell this story to your local AM or FM operator and watch him weep.--mf]

R. Uni (7300 kHz, Russian Far East--mf) or *R. Unis* (1494 kHz, European Russia) is actually *R. Yunost* ("Radio Youth" in EE), part of the Russian Radio 2 net. It carries announcements and ads in EE, including an EE ad for the LOT Polish airlines. One SW outlet near Moscow is on 4740 kHz. *R. Yunost* confirmed to VS that it carries the ad mentioned on RNMN 2/20. (VS on RNMN 2/27)

BBCM is hearing *Radio SNC* on 11735 kHz from 1300-2000. The station has been active for about a year. 11735 is grossly overloaded, the principal user of note being R. Sofia, Bulgaria. "SNC" stands for "Stas Nanin Center," named for a famous RR rock promoter. His station is on the air on 1260 kHz MW 22H featuring both Russian and Western rock. The 25m outlet is a regional service in St. Petersburg. (JM and VS on RNMN 2/27)

A new independent SW station in Russia began broadcasting 3/1; the early sked was 1500-1545 on 11945 kHz, 20 kw, on a xmt'r at Balashikha, a former jamming site near Moscow. Reception rpts are welcome, and will be verified with a QSL card. The address is: *Radio Space*, 125015 Moscow, Russia, Butirskaya 23. The 24H fax line is 285-2860. (VS on RNMN 2/27)

Yegor Yakovlev, head of *Moscow Ostankino Co.*, formerly Gosteleradio, has proposed to the members of the CIS that Ostankino be made an international b/c organization for [and among??--mf] the former Soviet Republics. He has also proposed that a European-Asian B/C Union be set up to deal with common (technical, programming and administrative) problems of broadcasting in these nations. (R. Kiev in English to NA, 0110 3/5, via Mike Fern--CA)

Far East Christian Broadcasting has begun operations in Khabarovsk. The schedule is 0900-1030 on 4060 kHz USB, 5965, and 9560 kHz SW and 1224 kHz MW. All programs are in Russian except for announcements in English. It is using the former freqs of Dalny Vostok Radio which has not been heard since 10/91. It is the first home-grown religious broadcaster in Russia, and was first heard in Japan 3/4. (Yoshinori Kato on RJDXC 3/8)

Far East Christian Broadcasting Russia also calls itself FEBC Russia. The ID goes "You are listening to Far East Christian Broadcasting, FEBC Russia. Listen to us every evening from

7 to 8:30 p.m. Khabarovsk time, on MW 1224 kHz, on SW 5965, 9560, and 4060 kHz. We are situated in Khabarovsk, Russia. The mailing address is: FEBC Russia, Box 21-28, Khabarovsk 20, 680020 Russia." (Yoshinori Kato on RJDXC 3/15) [FEBC Hq. tells me that "FEBC Russia has been established." However, it is producing programs in RR for Radio Mayak, the nationwide domestic network. My source does not know about a Khabarovsk connection "but everything is changing very fast" in the CIS. --mf]

R. Novaya Volna, Moscow, heard in RR at 1715 on 9490 kHz. (Carl Fischetti, Germany, on Radio Budapest DX Show 3/6)

Radio Without Borders International is heard in Moscow from 1000-1200 and 1400-1830 [WBI 3/6 transcribed it as '-1800'] Sun. on 6235v kHz. The 100-watt xmtr is 50 km east of Moscow. RWBI will QSL reception reports to 119633 Moscow, Russia, P.O. Box 55. It plans to broadcast tapes of European pirates, such as the FF pirate *Radio Waves*. It calls itself "RWBI". No mention of radio on the envelope, please. (VS on RNMN 2/27) [Pre-WW2 Russian broadcasters used numbered calls in the RW series, e.g. RW1 or RW15.--mf]

SENEGAL - Radio Senegal Chaine Nationale, Dakar, operates at 0558-0815 on 4890; 0815-1515 on 7170; 1515-0100 on 4890 kHz. Multilingual anmts are at 0558 & 0659. Programming is in French & Senegalese languages. (WBI 2/28)

SOUTH AFRICA - Radio RSA - sked for 3/1 - 5/2 is: 0300-0500 FF on 9675, 15120, 15220; 0400-0500 English on 7270, 9695, 15230; 0400-0500 PP on 7230; 0500-0700 FF on 9675, 15220, 17710; 0500-0700 PP on 11920; 0900-1000 Sa/Su in Tsonga on 9585; 1000-12100 English on 11900; 1400-1700 Swahili on 9675, 11900; 1500-1800 Chichewa on 5960; 1500-1800 English on 9585 & 15160(fm 1600); 1500-800 Lozi on 9555; 1800-2000 FF on 11950, 15365; 2000-2100 PP on 4965; 2100-2200 PP on 11950. (WBI 3/6)

SRI LANKA - Sri Lanka B/C Corp. announced 2/26 that it would begin broadcasts to North America as from 3/3. The service was launched during a scheduled broadcast to SE Asia at 1030-1130 2/26. The NA service began with two 30 min xmsns: 2330-0000 on 15425 kHz using the Radio Japan 300 kw xmtr at Ekala, and 0445-0515 on 15425 kHz (35 kw) and 9720 kHz (100 kw) to WNA with a 35-degree beam heading. (VG on RNMN 2/27) [15425 eastbound is a no-hoper. WRTH 92 says it's a Russian RMWS English freq to WNA from Petropavlovsk, authorized with 100 kw from 2130-1000. It's the first RMWS freq I look for after the seasonal changes.--mf]

SLBC sked: 0030-0230 English on 6005, 9720, 15425; 0030-0430 Hindi on 7190 & 11800 (0330-0400 We is Nepalese, Sa is Urdu); 0230-0430 English on 9720, 15425; 0430-0630 Su Hindi on 7190, 11800; 0445-0515 English to NA on 9720, 15425; 0630-0730 Hindi on 7190, 11800 (Urdu Mo 0715-0730); 0730-0830 Kannada, 0830-1000 Telugu; 1000-1130 Malayalam, all on 7190, 11800; 1030-1130 English to As/Au on 11835, 15120, 17850 (1040-1045 We Sinhalese); 1130-1330 Tamil on 7190, 11800; 1230-1730 English on 6075, 9720, 15425; 1330-1730 Hindi on 7190, 11800; 1745-1900 Sinhalese to ME/Af on 11800; 1900-1950 Tamil to ME/Af on 11800; 2000-2130 English ("World Service") to Europe on 9720, 15120; 2330-2400 English to NA on 15425. (All to Asia, unless stated.) (WBI 3/6)

TONGA - The SW xmtr on 5030 kHz was silenced when the December hurricane severely damaged the xmtr building and SW antenna masts. AC phoned the senior technician at 3AZ, who plans to move the still-intact SW xmtr to the MW xmtr building and put up a higher antenna tower by the end of March. The sked will be the same, 1750-1000. The station has lost clerical staff but the senior technician said he would handle QSLs if necessary. (AC on RNMN 3/12; in part on RNZI 3/15)

UKRAINE - 4940 kHz carries the Ukrainian external service in Ukrainian at 0200 // 4825 kHz; relays Mayak at other times. (Dave Kernick, BDXC 2/92, via DXPL 2/23) *Radio Ukraine* heard on many new frequencies since 3/3; 2300-2359* in Ukrainian on 13670, 11950, 9870, 7380, 7240 (ex 9860 & 7400). 1800 German, 1900-1929 & 2000-2059* Ukrainian on 13680 & 11960; also many other changes since full sked appeared in March LN; announced new station name in Ukrainian; no longer Radio Kiev. (Ernie Behr, Kenora, Ontario)

UNITED ARAB EMIRATES - UAE Radio Abu Dhabi, heard on new 15480, from *1600-2200* in AA; vy strong since 3/8; //11985 & 9780, past 0100. (Ernie Behr, Kenora, Ontario)

UNITED KINGDOM - For history buffs: The last transmission from BBC's *Davertry* site was to have ended at 1130 GMT March 29, on 15070 kHz. Prior to that time the frequency was to have been in use by three BBC UK sites; an announcement about the closing of *Davertry* & then the shutdown. I'd be interested in knowing if anyone was able to hear *Davertry* go off. [df]

Radio Japan will begin using BBC xmters at Skelton to improve its SW signal into Europe. Dennis Thompson, head of BBC's Broadcast Coverage Department, was asked if the BBC will get time on transmitters in Japan in exchange.

DT: The idea hopefully is to arrange a swap in due course. Initially BBC is hiring xmters to R. Japan so they can improve their coverage of both Europe and the USSR [sic]. When *Radio Japan* has more capacity at their transmitting station at Yamata, then it's hoped that BBC will be able to get reciprocal relays through Yamata to improve its coverage of East Asia.

JM: What languages will be used?

DT: Starting on 7/1/92 *Radio Japan* will have 10 hours of programming, and 17 1/2 hours of xmt time, in JJ, EE, RR, GG and FF.

JM: All your antennas are beamed out of the UK.

DT: Their intention is not to cover the UK; the service will be HF only. They will be beaming primarily eastwards into the USSR and southwards into West and Central Europe.

JM: Why does the BBC need facilities in Japan? You've got Hong Kong.

DT: We have only two xmters at Hong Kong, and one program feed. This means that we can do either CC or EE, but not both at the same time. We're very happy with the coverage from Hong Kong. We can't do both of our major languages simultaneously into China. When we are doing Mandarin out of Hong Kong, we can complement that with EE out of Yamata.

JM: *Radio Nederland* was forced to abandon plans to build a relay base with the BBC in Thailand.

DT: One thing we need to do is to beam better signals into the subcontinent. We are redeveloping our station at Masirah [Oman] with new antennas, and we would like to complement that development by the Thailand relay, which will give us the ability to cover the subcontinent very advantageously from the east as well as the west. There will be two xmters. After signing an agreement with the Thai government, the time scale would be about three years. (RNMN 2/20)

UNITED STATES - *WJCR* first heard here 3/16 at 0205 on 7490, ID 0208; religious music. (John Norfolk, OK) *WJCR*, Upton, KY, planned to start broadcasting *2/29* with four 50-kw SW xmters. Two xmters will be used in harness to drive one antenna. The xmters apparently were tested on dummy antennas at the factory and were due to arrive in Upton [all four!] about 2/24. The transmitter hall and antennas were already complete. *WJCR*'s European beam will be centered on Gdansk, Poland. The second beam will target Latin America. The FCC had been asked to approve freqs of 7485 and 15660 kHz. The tentative sked calls for 20 hours of gospel music and four hours of Bible teaching. (JM and Don Powell, manager, *WJCR*, on RNMN 2/20) *WJCR*, Upton, KY, made its appearance the week of Mar. 13-18 on 7490 kHz. A second 50-kw. xmt will go on the air in May. Programming is mainly gospel music. RNMN received 30 phone calls about the station's debut. (RNMN 3/19)

WRNO, New Orleans, heard on 7465 kHz NF ex 7355, excellent signals, like a new xmt, 0415-0430 2/22 with relay of R. Miami International in SS, "La Voz del Treinta de Noviembre" (Voice of Nov. 30), Cuban refugee political group. *WRNO* ID in EE was followed by a disclaimer of responsibility for the (RMI) program contents in EE and abrupt signoff. If *WRNO* is carrying RMI at this time it apparently carries only RMI material and does not continue to 0500 as its W92 freq authorization allows. No mention of other freqs in use. (Mike Fern--CA)

UZBEKISTAN - *Radio Tashkent* was to begin broadcasting in Turkish at 0400 and 1700 from March 1, in the 19 meter band. (R.Moscow via WBI 3/6)

VATICAN - *Vatican Radio* continues to make unannounced freq changes, and the quarterly Programme/Frequency Guide isn't too accurate. Noted on new 9500 with Japanese from *2130, into Russian 2200, as of 14 March. From 29 March, new 17550 is planned, 1230-1300 to Asiatic Russia, 1300-1330 to North Africa. Also new from 29 March is 21670 1000-1030 and 1200-1230 both to Africa. 5885 is listed 1930-0030 to Europe, currently heard on 5882.5. (Bob Padula, Australia)

VENEZUELA - *R. Rumbos*, Villa de Cura, 4970 kHz, heard signing off at 0454-0500 Sun 3/8 with announcements by a woman in English and French. Reports are wanted, to Apartado 2618, Caracas 1010A. WRTH 92 gives the sked as 0900-0600. (Mike Fern--CA)

VIETNAM - *Voice of Vietnam* HS noted on 680, 870, 4895, 5925 (ex 5920), 6448, 10059 kHz. %925 not noted in the morning. *VoV* svc for Hmong people is on new 6135 (ex 6560) at 1100-1330, //5020. *Quang Nam-Da BS* noted on 700 kHz; local px from 1130; then relays Hanoi to 1600*. ID: Da la dai phat thanh Quang Dam-Da Nan". *Pleyku* noted on 4788 at 2200-2300, 1030-1100, 1130-1200. VV 2245-2300, 1030-1100. Vernacular pgms other times. The station name seems to have changed from the former *Gia Lai-Con Tum BS*. This change related to the division of Gia Lai-Con Tum province into Gia Lai province & Con Tum province.

A new station IDd as *Yen Bai BS* noted on 6463 at 0000-0030, 1000-1030/1045, 1130-1215 (apparently ex inactive Hoang Lien Son BS). Vietnamese except for LL 1130-1200. Also it was decided to divide Hoang Lien province into Yen Bai & Lao Cai provinces, so this station may be related to this change. But if the station is located in the same place as former Hoang Lien Son BS (i.e., Lao Cai), why is the station named Yen Bai BS?

Other VV stations heard: *Son La BS* 6317, *Lai Chau* 6428 (irr), *Bac Thai BS* 6617, *Ha Tuyen BS* (presumably) 4817. *Cao Bang BS* is currently inactive. *Ha Tuyen BS* has possibly changed its name, because also Ha Tuyen province has been divided into Ha Giang & Tuyen Quang province. (Hiroshi Fujita, on a trip to Laos & Thailand, in ADXN 3/92)

R. Bac Tai has been heard on new 6525 kHz ex 6617 since late February. Local languages are broadcast prior to 1300, Vietnamese after. The sked seems unchanged at 1155-1400 but is unconfirmed because of poor reception. (Isao Ugusa on RJDXC 3/15)

YEMEN - *Sanaa* has been inactive on 9780 for several months in its local evening period. However, since 5 March, has been noted with the "Sanaa" network, Arabic, in period 2100-2230. Not to be confused with Abu Dhabi, also on 9780, opening at 2200, for Ramadan extended schedule. "Aden" network, as on 5970, also heard in 2100-2200 period, with different programming, 14 March. (Bob Padula)

UNIDENTIFIED - Mystery music station heard on 9575 several times; 2/25 1455-1510* w/only instrumental music; again 3/3 1545-1620* w/music. Powerhouse signal, but no anmts; could this be VOA testing new high-power transmitter? They have done this in the past on various unsked frequencies. (Ernie Behr, Kenora, Ontario) Not that I know of. Anything getting on the air would normally carry an ID. [df]

CLANDESTINE - Iran's *Flag of Freedom Radio* gives nine phone numbers to dial for special services. Six are voice lines in Los Angeles, London, Oslo, Copenhagen, Hamburg and Paris. The other three are fax lines in Frankfurt, Hamburg and Paris. The voice lines play back the Flag of Freedom IS and a five-minute news program on the activities of an anti-government group called "Suzmani Darashta Kaviane" [phonetic as heard], "Organization of the Flag of Freedom" in EE. The Los Angeles voice line is (818)792-4726. The London voice line is (44) (71) 376-1611. The radio broadcasts are heard in Japan at 1630 on 11670 and 15100 kHz. (Yuki Sakagami on RJDXC 2/23) [The voice line material in Los Angeles is all in Farsi, read very rapidly by a woman, and sounds as if it was downloaded onto a tape recorder from a satellite telephone link. No address or EE message is given.--mf]

The *Voice of the People of Kurdistan* ancd in AA at 1603, 3/2 that a 41 meter sw frequency, 7075 kHz, had that day joined the regular 75 meter channel. Monitoring observations have confirmed the new frequency. (WBI 3/6)

PIRATES - R. Harmony, 6305 kHz, in Europe, features EZL rather than the standard rock music. They give an address in ?Venus, TX, but their real location seems to be Ireland. (ASWP 3/1)

SOURCES - ASWP--Austrian Shortwave Panorama, ORF; DXPL--DX Party Line, HCJB; KMH--Ken MacHarg, DXPL; QLB--Quito Log Book, DXPL; RMV--Rich McVicar, presenter, DXPL; LMV--Lisa (Mrs. Rich) McVicar, DXPL. RJDXC--Radio Japan DX Corner; BMM--Bruce MacGibbon, RJDXC; RKSF--Radio Korea Shortwave Feedback. RNMN--Radio Nederland Media Network; JM--Jonathan Marks, presenter, RNMN; VG--Victor Goonetilleke, RNMN; VS--Vasili Strelnikov, RNMN. RNZI--Radio New Zealand International Mailbox. AC--Arthur Cushen, DXPL, RNMN or RNZI. Above sources monitored by Mike Fern unless otherwise noted. SCDX--Sweden Calling DXers.

As every month, I work for VOA, but don't represent them here. Back next month. Dan

QSL Reports

Sam Barlo
47 Prospect Place
Bristol, CT 06010



ABU DHABI: Capital Radio 9605 via UAE Radio f/d folder cd. typed on a whited-out UAE cd. in 25 ds. (Loudell-DE). UAE Radio 13605 f/d folder cd. in 36 ds. for 1 IRC. (Newman).
ALGERIA: RIVA 17745 f/d "Persian Rug" cd. w/ schedule in 1 mo. for ms. and 1 IRC. (Wallace-MA). 15215 f/d "Logo" cd. in 3 mo. for \$1.00. (Millard-TX).
ANTIGUA: Deutsche Welle 9670 cd. in 44 ds. (Darling-PNG). f/d "Reunification" cd. w/ pennant, schedule and station magazine in 34 ds. (Helm-KS).
ARGENTINA: LOL 15000 p/d cd. in 5 mo. for rp. v/s Edgardo Gustavo Giordano, Capitan de Fragaata Ingeniero. (Walker-MI). nice certificate style cd. in 11 wks. for a SP rpt.
ASIATIC RUSSIA: Deutsche Welle 7240 via (Berg-MA).
 * Novosibirsk cd. in 18 ds. (Darling). 7380 via Irkutsk f/d cd. in 18 ds. (Darling). 17675 and 17735 via Shigulevsk cd. in 18 ds. (Darling-PNG). Radio Moscow 12050 via Petropavlovsk - Kamchatsky f/d cd. w/ stickers in 54 ds. (Helm-KS).
 * Radio Dalni Vostok Rossiya [Radio Far East Russia] 9560 via Khabarovsk f/d cd. w/ f/d 3 page ltr. from Alexander F. Filimonenko, ex-Musical Director. He is interested in pen pals and Beatle memorabilia.



BAYRAK RADIO & T.V. CORPORATION (Established 25th December 1962)

P.O. BOX: 417 LEFKOZIA NIKOSIA 180 TURKEY

Our Ref. Date: 27.10.1991
 Your Ref.

CHRISTOS RIGAS
 4335 N. WOODY
 CHICAGO IL 60634-1536
 U.S.A.

Dear Mr. Christos Rigas.

Thank you for your letter of 27.9.1991. I am pleased to confirm that you were listening to radio Bayrak The Voice of the Turkish Republic of Northern Cyprus.

As requested, enclosed please find QSL card of our transmissions.

BAHRAIN: Radio Bahrain 6010 cd. in 180 ds. for \$1.00. (Darling-PNG). (O'Keefe-NY).
BELGIUM: BRT 13710 f/d "Shrine of Saint Ursula" cd. w/ stickers in 7 wks. (Loudell-DE). f/d "Lange Wapper Statue" cd. in 2 1/2 mo. w/ pennant, sticker and schedule. (Millard-TX). 21800 f/d cd. w/ schedule in 1 mo. (Helm). 9425 f/d "Portrait of Jan Fernagut" cd. in 47 ds. (Schwartz).
BONAIRE: Radio Nederland 11835 f/d "Hermes Spaceplane" cd. in 5 wks. (Loudell-DE). Trans World Radio 11930 cd. w/ personal ltr. in 1 mo. (Helm). 9535 f/d "Bonaire Marketplace" cd. in 21 ds. for \$1.00. (Loudell-DE).
BOTSWANA: Radio Botswana 4820 rcvd. my 3rd cd. for 1 rpt. in 380 ds. (Darling-PNG).
 * VOA 17870 via Selebi-Phikwe cd. in 22 ds. (Darling).
BRASIL: Swiss Radio International 17730 via Brasilia f/d "700th Happy Birthday Switzerland" cd. in 23 ds. (Yamada-JPN). Radio Educacao Rural 4755 p/d form ltr. for a taped rpt. and \$1.00. v/s Ailton Guerra, Gerente. (Lobdell). Radio Educadora da Bahia 9540 f/d cd. w/ personal ltr. and postcard in 124 ds. for a PT rpt. v/s Antonio Luis Almada, Coordenador do Radio. (Yamada-JPN).



OFFICE OF THE PRESS SECRETARY
 PHILIPPINE BROADCASTING SERVICE

Verification of Reception

To: Mr. Christopher Labbell

This is to confirm your reception of our station RADYO PILIPINAS.

Date: Nov. 6, 1991

Time: 0310 - 1100 AM

Freq: 2180 KHz

Lang: Engl'sh Purvise

Comments: your report has been notified to be correct.

Please write again - Thank you.

Evelyn S. Arce



BRASIL: Radio Sociedade Educadora Cariri 3255 f/d paper cd. in 3 mo. for a PT rpt. and \$1.00. v/s Padre Goncalo Farias Filho, Director Gerente.(Loudell-DE). Radio Cancao Nova 4825 p/d cd. w/ ltr., sticker and pennant in 20 ds. for a PT rpt. and \$1.00. v/s Jorge Hartmann, Director.(Loudell-DE). Radio Aparecida 5035 f/d cd. in 5 wks. for a PT rpt. and \$1.00.(Loudell). PPR Time Signal Station 22420 f/d ltr. in 10 mo. for \$1.00.(Lare-MI). **BULGARIA:** Radio Sofia 25 meters f/d "Nessebar Island" cd. in 42 ds. for 2 IRCs. Stickers rcvd.(Carson). **CAMBODIA:** Voice of the People of Cambodia 11938 p/d ltr. in 26 mo. after a f/up rpt. which was taped. Report was sent via Hanoi.(Eckert-PA). **CAMEROON:** CRTV-Yaounde 4850 p/d personal ltr. in 1 mo. for a FR rpt. and a \$2.00 donation to CATHCA. v/s James Achanyi-Fontem. (Ondrechen-MA). **CANADA:** CKZU 6160 f/d cd. in 6 ds.(Helm-KS).

NOTES: Marie Lamb sent in her first report to the Column. Hope you send in more in the future...Sam. Richard Wallace says he got a New Year's cd. from the Voice of Vietnam but no OSU. I suppose you want everything, right?...Sam. Hi! Adie Durden of 207 Nona Dr., Albany, GA 31705 is looking for the address to Kisangani on 11455khz. So are many others as mail service to Zaire has been temporarily halted. Adie also requests that NASWA member Dino Bloise contact him at the above address or call collect 912-438-9011 after 5 PM. Kurt Cox says that he has utilized the verification signers (v/s) when sending his reception reports. Having your report arrive in the right hands often will make a difference. Jim Galgano says that he is strongly considering the new RR as a new receiver. So am I.....Sam. Scott Helm in Kansas City, KS says he has all the paper he needs....its the typewriter that falls short. Hi!

CANADA: CHNX 6130 f/d ltr. in 1 mo. for \$1.00. v/s Kurt J. Arseneault, Chief Engineer.(Field-PA). f/d form ltr. in 1 yr. for ms.(Walker-MI). CHU 3330 and 7335 p/d "Fleming" cd. in 33 ds.(Schwartz). CFRX 6070 f/d cd. in 14 ds. v/s Stephen Canney (Schwartz). f/d "ODXA" cd. in 1 wk. for ms.(Loudell-DE). f/d cd. in 68 ds.(Helm). CHNX 6130 f/d ltr. in 10 mo. for ms.(Wallace-MA). **CANADIAN (Pirates):** Radio Beaver 7415 f/d ltr. in 1 mo. w/ "Beaver Trading" cd. (Smith). CKLW 7413 f/d cd. in 3 wks. for rp. to BRB addr.(Walker-MI). **CHINA, PEOPLES REP. OF:** Radio Beijing 15170 f/d "Cloth Ornament" cd. in 22 ds.(Schwartz). Yunnan PBS 4760 p/d "Green Lake Park" cd. in 33 ds. for \$1.00.(Loudell-DE). Voice of Jingling 4875 f/d "Lion Grove" cd. in 33 ds. for \$1.00.(Loudell-DE). * Guangxi Broadcasting Service 5050 f/d cd. in 15 ds. w/ paper cut and sticker. (Lare-MI). Qinghai PBS 4940 n/d "Snowy Landscape" cd. in 6 wks. for \$1.00.(Loudell-DE). **CLANDESTINE:** La Voz del CID 9942 f/d cd. w/ ltr. in 3 wks. v/s Francisco dell-DE). Fernandez (Schwartz). **COSTA RICA:** Radio Reloj 4832 f/d cd., w/ ltr. and postcards in 31 ds. for a SP rpt., tape and \$2.00. v/s Francisco Barahona Gomez.(Klinck-NY). f/d cd. in 5 wks. for \$1.00.(Lawrence-NY). Radio For Peace International 7375 f/d "Dove" cd. in 53 ds. (Helm-KS). 15030 same cd. w/ schedule and sticker in 3 mo. for \$1.00.(Loudell-DE). Adventist World Radio - Radio Lira 9725 personal ltr. w/ pennant in 24 ds.(Helm). p/d cd. in 10 wks. for 1 IRC.(Wallace-CT). 11870 f/d "Map" cd. w/ stickers and ltr. in 3 mo. for \$1.00.(Loudell-DE). **CUBA:** Radio Habana Cuba 5965 (USB) f/d "RHC Club DX OSU #1" in 6 mo. w/ schedule. v/s Arne Coro, Host of DXers Unlimited....I think there are a lot of #1 cds. out there!(Orcutt-NY). **DOMINICAN REP:** Radio Barahona 4930 f/d ltr. w/ prepared cd. and sticker in 37 ds. for a SP rpt. and \$1.00. v/s Roberto Lama S., Administrador General.(Field-PA). **DUBAI:** UAE Radio 15435 cd. in 47 ds.(Helm-KS). 21700 cd. w/ schedule and pennant in 42 ds.(Darling). **ECUADOR:** HCBJ 15155 f/d "Young Girl" cd. in 1 mo. (Millard-TX). f/d "Hardware" cd. in 27 ds. for ms.(Loudell-DE). 21455 f/d "T-6 Voice" cd. in 1 mo.(Walker-MI). f/d cd. in 17 ds. for 1 IRC. (Schwartz). 15270 and 17790 cd. in 50 ds. (Schwartz).



RADIO MOSCU INTERNACIONAL



SERVICIO DIARIO EN ONDA CORTA
PARA AMERICA LATINA

**LA VOZ DE LA FUNDACION
QSL VERIFICATION**

To: John Wilkins, Wheat Ridge, Colorado
3250 Garrison St.
Wheat Ridge, Colorado 80033

This is to confirm your reception of our transmission
dated: 3-7-1990

Time: 2001-2059 EST
Frequency: 7315 kHz.

with 100,000 Watts.

Relayed by WHRI (World Harvest Radio)
Noblesville, Indiana, USA.

Amoska Perez

VERIFICATION SIGNERS: Radio Centenario la Nueva 4855 Pedro Salces Ruiz, Director.
Radio Guaruja 5975 Acy Cabral Teive, Director. PBS Jianqxi 5020 Tang Ji Sheng.
[you may write in BG:] La Voz del Guainia 3500 Luis Fernando Roman Robayo, Director.
Addr: Calle 6 Con Carrera 3, Inirida, Guainia. Radio Amanecer International
6025 Alexis Munoz, Director. For those of you who asked Radio Bishpek on
4010 is the former Radio Frunze from Kirgizia.....via PLAY/DX.....Sam.

KOREA, REP. OF: Radio Korea 9750 f/d "Mt. Sorak" cd. in 38 ds. for 2 IRCs.(Carson).
LEBANON: Wings of Hope 11530 f/d cd. w/ sticker in 41 ds.(Hosmer-MI). 11532 f/d cd.
in 1 mo.(Boulden-CA).

LITHUANIA: Radio Vilnius 7400 f/d cd. w/ schedule in 2 mo.(Wallace-CT). Radio Centras
* 9710 f/d "NORDX 91 Special QSL" cd. w/ new flag on front.(Lobdell). same f/d cd.
via the site at Sitkunal in 4 mo. for 2 IRCs.(Wallace-MA).

LUXEMBOURG: Radio Luxembourg 15350 f/d "Transmitter Tower" cd. in 11 ds.(Schwartz).
MALTA: Voice of the Mediterranean 9765 f/d cd. in 3 wks. for 1 IRC.(Galgano-NY). f/d
cd. in 7 wks. for \$1.00.(Lawrence-NY).

MONACO: Trans World Radio 9480 f/d "Globe" cd. in 29 ds. for \$1.00.(Newman). same in
32 ds.(Darling-PNG). f/d cd. in 28 ds. for \$1.00.(Westdal-CA).

MOROCCO: Radiodiffusion Television Marocaine 15335 f/d folder cd. in 29 ds. for a FR
rpt. and 1 IRC. This after a f/up rpt.(Wallace-CT).

MYANMAR (Burma): Radio Myanmar 5990 confirmation came via ltr. to their embassy in DC.
* This took 6 wks. for ms. v/s Daw Kyi Kyi Sien, Third Secretary.(Howard-CA).

NAMIBIA: Namibian Broadcasting Corp. 3270 and 3289.9 f/d "Namib Nature Park" cd. w/
schedule in 3 mo.(Barto-CT).

NEW GUINEA: Radio Western Highlands 3375 f/d "NBC Map" cd. w/ personal ltr. in 29 ds.
for ms. v/s Esau Okole, Station Technician.(Hosmer). Radio Madang 3260 via Yomba
(new site name!) p/d ltr. in 35 ds. for ms. v/s James S. Valakvi, Assistant Station
Manager. Addr: P.O. Box 2138, Yomba, Madang Prov.(Hosmer-MI). Radio Sandaun
3205 p/d ltr. in 49 ds. for ms. v/s Gabriel Deckwalen, Station Manager.(Hosmer).

NICARAGUA: Radio Miskut 4560 nice 3 page personal ltr. in SP from Evaristo Mercado
* Perez, Director. Thanks to Berg for the help on
this one. Hope you get your QSL soon!(Lobdell).

NIGERIA: Radio Nigeria 4770 f/d ltr. in 2 mo. for
\$1.00.(Galgano-NY). Voice of Nigeria 7255 via
Ikorodu p/d cd. in 488 ds. for a taped rpt. and
\$1.00.(Fandercys-OH).

NORWAY: Radio Norway International 15165 f/d "Motz-
feldt Glass Design" cd. in 27 ds.(Loudell-DE).
25730 f/d "NORDX 91" cd.
in 4½ mo.(Lobdell-MA).

PAKISTAN: Radio Pakistan 17640
f/d cd. w/ schedule in 1 mo.
(Boulden-CA).

PAPUA NEW GUINEA: NBC Boroko
4890 f/d "NBC Map" cd. in
40 ds. for ms. v/s G. Nak-
au.(Hosmer-MI). Radio Mil-
ne Bay 3365 f/d cd. w/
personal ltr. in 21 ds.
for ms.(Hosmer-MI).

JAPAN: JJY 8000 f/d "Control Room" cd.
in 13 ds.(Loudell-DE). Radio Tampa
6055 f/d cd. in 12 ds. I enclosed
a few souvenir baseball cds. (West-
dal-CA)...Glad someone else is do-
ing this besides me...Sam. It works!
3915 f/d cd. w/ ltr. in 12 ds.(Law-
rence-NY).

KOREA, REP. OF: Radio Korea 15575 f/d
"Stone Wall of Duckyoo Palace in
Winter" cd. in 30 ds.(Schwartz).
9750 same cd. in 38 ds. for 2 IRCs.
(Carson). f/d "Pavilion in Secret
Garden" cd. in 38 ds.(Carson).

Information Department
Radio Branch
Voice of the Broad Masses of Eritrea

25.12.1991 Asmara, Eritrea

Dear Mr. Richard A.D'Angelo

On behalf of the Voice of the Broad Masses of Eritrea, I would like to thank you for your reception report of our broadcast dated 29 Oct.1991. The signal you received on 7490KHZ is in Kunama spoken by the people in the South Eastern of Eritrea.

The time you wrote your letter, Eritrea was five months old since it was liberated after 30 years of war.

For more short informations, refer to the attached pages.

25 Years European Space Agency 1964-1989.
Image of Europe taken by the Meteosat
weather satellite. Photo ESA.
Card 1 in a series of 5.

Thank you for your reception report which was
found to be correct. We hereby confirm the
technical details:

Date: October 6, 89

Time: 03.45 UTC

Frequency: 6.65 MHz

TX Site: Bonaire / Flevo / Madagascar

Good Listening!

Radio Netherlands
P.O. Box 222
1200 JG Hilversum
The Netherlands

J. Spencer

PARAGUAY: Radio Nacional de Parag-
aguay 9725 n/d ltr. in 60 ds.
for a SP rpt. and 2 IRCs. v/s
Filemon G. Arguello M. (New-
man).

PHILIPPINES: Radio Veritas Asia
9615 f/d "Painting" cd. w/
schedule and a ltr. in 13 mo.
for a taped rpt. and \$1.00.
(Klinck-NY). FEBC Radio Inter-
national 11685 f/d "Staff" cd.
in 2 mo. for \$1.00. (Loudell).

PORTUGAL: Radio Free Europe 9505
via Maxiquiera cd. in 22 ds.
(Darling-PNG).

RWANDA: Deutsche Welle 15410 cd.
in 44 ds. (Darling-PNG).

SABAH: Radio TV Malaysia 5980 via Kota Kinabalu cd. in 60 ds. for SASE. (Darling).

SARAWAK: Radio TV Malaysia Sarawak 4835 f/d cd. in 23 ds. for \$1.00. (Lawrence-NY).
f/d cd. in 5 wks. for \$1.00. (Lawrence).

SENEGAL: Office de Radiodiffusion Television du Senegal 4890 f/d cd. in 7 wks. for
\$1.00. Also rcvd. personal ltr., sticker and stamps. v/s Joseph Nessim - who also
collects stamps. (Lawrence-NY). f/d cd. w/ sticker in 40 ds. for a FR rpt. and ms.

SEYCHELLES: FEBC 11860 f/d cd. in 6 wks. for 3 IRCs. (Wallace-CT). (Hosmer-MI).

SINGAPORE: SBC 5052 f/d cd. in 45 ds. for 1
IRC. (Hosmer-MI).

SWEDEN: Radio Sweden International 9695 via
Hörby f/d "Lapland" cd. in 42 ds. for 2
IRC. (Carson).

SWITZERLAND: Swiss Radio International 15525
f/d cd. in 38 ds. (Schwartz).

SYRIA: Radio Damascus 12085 f/d cd. w/ sticker
and a copy of the Syrian Times newspaper in
62 ds. for ms. (Hosmer-MI), same w/ news-
paper via registered mail in 8 mo. (Howard-CA)

TAHITI: RFO 15170 f/d "Logo" cd. in 34 ds. (Schwartz).

TAIWAN: Voice of Free China 5950 f/d "Art Works by Orphans" cd. in 30 ds. (Schwartz).

BSF Time Signal Station 5000 f/d cd. w/ personal ltr. in 1 mo. for 1 IRC. (returned).
(Hosmer). Voice of Asia 7445 f/d cd. in 28 ds., taped rpt. and 2 IRCs. (Klinck-NY).

TOGO: Radio Togolaise 5047 f/d cd. in 8 wks. for \$1.00. (Lawrence-NY). Card indicated
that this station has an EG speaking staff.

TONGA: A3Z Tonga Broadcasting Commission 5030 f/d "Coat-of-Arms" cd. in 33 ds. (Schwar-
tz).

TURKEY: Voice of Turkey 9445 f/d "Figurines" cd. w/ schedule and stickers in 15 mo!
(Loudell-DE). f/d cd. w/ schedule in 23 ds. (Schwartz).

UKRAINE: Radio Moscow 17670 and 17810 via Simferopol cd. for 25/12/91 (the day of Gor-
bachev's resignation and XMAS) in 7 wks. (Loudell-DE).

USA: KVOH 17755 "Map" cd. in 38 ds. after 2 f/up rpts. (Helm-KS). WSHB 7395 f/d prepared
cd. in 3 wks. v/s Judy P. Cooke. (Smith). 13760 f/d cd. in 37 ds. (Helm-KS). 15665 f/d

* "Dipole Curtain Antenna Array" cd. in 19 ds. (Schwartz). Radio Miami International

7355 f/d "Caribbean Area Map" cd. in 24 ds. (Schwartz). VOA -

Radio Marti 6030 f/d "Jose Marti" cd. in 33 ds. (Schwartz).

* Croatian Radio Zagreb 7315 via WRI f/d "HRT Towers" cd. in

85 ds. for \$1.00. addr: Box 1000, Zagreb, Yugoslavia. (Wilkins-
CO). WVW 15000 f/d folder w/ Time and Frequency booklet in 2

wks. v/s John B. Milton. (Schwartz). WRNO 15420 f/d cd. w/

sticker in 56 ds. for ms. (Helm-KS). p/d "Worldwide DX Club Member" cd. w/ schedule

in 3 wks. (Schwartz). WYFR 21500 f/d "Logo" cd. w/ schedule in 4 wks. (Schwartz).

11915 f/d cd. in 17 ds. (Helm-KS). WMLK 9465 f/d personal ltr. in 43 ds. (Helm-KS).

WRI 9465 f/d cd. in 108 ds. (Helm-KS). 11790 f/d cd. in 6 mo. v/s James Holycross.

(O'Keefe-NY). WCSN 9840 f/d cd. in 55 ds. (Helm-KS).

WINB 15295 f/d cd. in 52 ds. (Helm-KS). Voice of Amer-

ica 11890 and 17800 via Bethany f/d "Bethany Relay

Station" cds. in 14 ds. (Schwartz). 7405 f/d "50th

Anniversary" cd. in 2 wks. for a rpt. directly to

the site. (Hosmer-MI). same in 10 ds. v/s John Vode-

nik. (D'Angelo-PA). 6030 f/d cd. in 7 ds. (Rigas-IL).

17800 rcvd. 2 cds. one from station and the other

from Washington DC in 28 and 32 ds. (Darling-PNG).

A. Gnr. G. M. Darling

Du reporte a la Embasada (NIFA)

DE FECHA: 7-9-71--

Transmisor Canal	5KW - 1600 KC - Ant. Vertical	Onda Larga
Transmisor	3KW - 4825 KC - " "	Onda Corta
Transmisor	5KW - 1330 KC - " "	Onda Larga en Med. E. D.
Transmisor	1KW - Stereo	Santa Domingo, R. D.

Embajada Cultural de las Fuerzas Armadas
Secretaría de Estado de las Fuerzas Armadas
Santa Domingo, R. D.



USA: WRCR 15690 rcvd. my 3rd cd. for one rpt. in 680 ds. (Darling-PNG). f/d cd. in 179 ds. (Heim-RS). f/d cd. in 16 ds. (O'Keefe-NY). 7435 n/d cd. in 2 mo. w/ schedule. Addr: 1300 WRCR Avenue, Nashville, TN 37218. (Smith). Signals 7435 via WRCR f/d cd. in 4 mo. (Prisco-PA).

USA (Pirates): [go get yourself a beer, sit back, relax, have fun and read on - its that time once again!!!] Jolly Roger Radio International 7415 f/d "Great Pirate Motif" cd. in 3 wks. via BBS. (Taylor-PA). Radio Lymph Node International 7420 f/d "Collage of Old Time Radio ads" in 31 ds. for a rpt. to the DC address. (Zeller-OH). 7412.5 same type of QSL in 41 ds. for ms. (Hosmer-MI). 15055 f/d sheet w/ form ltr. in 1 mo. for 2 ms. (Lobdell-MA). 7416 n/d ltr. in 5 wks. (Taylor-PA). WSKY 7415 f/d cd. w/ station info. sheet in 1 mo. for ms. (Hosmer-MI). f/d cd. in 23 ds. for \$1.00 (Martin-MI). f/d "Jack Daniels Bottle" cd. in 1 mo. for ms. Also rcvd. studio photo and info. sheet. w/ Doug Barley. (Orcutt-NY). f/d cds. w/ station info. in 2 wks. for ms. Addr: P.O. Box 452, Wellsville, NY 14895. (Walker-MI). f/d orange cd. w/ blue logo in 20 ds. for 3 ms. v/s Mike Richards. (Carson). p/d cd. w/ personal ltr. in 3 wks. for 3 ms. Station info. sheets were rcvd. (Taylor-PA). 7414 f/d cd. w/ info. sheets and a personal note in 3 wks. for ms. (Walker-MI). 7413.5 f/d sheet in 35 ds. (Zeller-OH). Voice of Bono 7415 f/d cd. in 34 ds. for ms. (Hosmer-MI). f/d cd. w/ personal note in 1 mo. for ms. Use Box 452 address. (Walker-MI). f/d yellow cd. w/ "Collage of Microphones, tape decks and speakers" w/ a photo of "Bono" the dog



in 3 wks. for a rpt tp Box 452. v/s Gary Daniels. (Lobdell-MA). Radio USA 7415 f/d cd. #8 in 3 mo. for ms. (Orcutt-NY). f/d info. sheet in 37 ds. for SASE. (Martin-MI) f/d ltr. in 7 wks. for \$1.00 and 3 ms. (Wallace-CT). f/d form ltr. "Entertainment now and in the Future" QSL #684 in 2 mo. for ms. Station info. sheet was rcvd. (Walker-MI). WHO 7415 p/d cd. w/ ltr. in 3½ mo. for 3 ms. Fact sheet and station ltr. was rcvd. (Taylor-PA). WJFK 7415 n/d "WJFK Tombstone - Broadcasting throughout Eternity on 7415" cd. in 3 wks. for a rpt. via the SWL net. It was their QSL #1. (Taylor-PA). Voice of Tomorrow 15040 n/d "Rocky Mtn." cd. w/ ltr. in 20 mo. v/s Mike Rosetti, Station Staff. (Taylor-PA). Radio Station EXP 7415 f/d "Just Another QSL" cd. w/ a personal note in 28 ds. for a taped rpt., ltr. and \$1.00. (Lamb-NY). 7414 f/d cd. in 1 mo. for ms. and a rpt. to Box 452. (Walker-MI). Radio Blandx 15043 p/d ltr. w/ undersized f/d "DX Condom" [thats according to you Bill!!!] in 3 mo. The package was slit and damaged in transit. I can't even fill it with water and inflate the darn thing! (Taylor-PA)... We got some weird people and sick puppies in this hobby... Sam. He Man Radio 7415 f/d "Heman for President" cd. w/ Desert scam trading card in 2 mo. (Orcutt-NY). Radio Audubon International 7415.6 f/d form ltr. in 18 ds. for a rpt. to the BRS addr. v/s Dan Gregory. (Hosmer-MI). 7416 f/d "Flying Dutchman" info. sheet in 3 wks. for ms. (Taylor-PA). Voice of Anarchy 7416 f/d form ltr. in 9 wks. from the BRS addr. for 3 ms. Operator claims to operate from Chicago and is not affiliated w/ ANARC. (Lobdell-MA). East Coast Beer Drinker 7415 p/d form ltr. in 6 wks. for a rpt. to the BRS addr. (Walker-MI). KXRV 7415 f/d cd. in 11 mo. for a rpt. to A*C*E* (Walker-MI). f/d blue "Interplanetary Radio" cd. in 106 ds. (Zeller-OH). Radio Beaver 7415 f/d ltr. w/ pictures of the Cleaver Family and a "Leave it to Beaver" trading cd. in 6 wks. for ms. (Walker-MI). Radio Gemini 7415 f/d blue "Logo" cd. in 42 ds. for a rpt. to the Merlin, ONT. address. This station was relayed by the East Coast Beer Drinker. v/s Edwin Borg. (Zeller-OH). RUNT 7416.7 p/d ltr. in 54 ds. for a rpt. to the New La Mesa, CA addr. (Zeller-OH). CLW 7413 f/d BSW "Logo" cd. in 26 ds. Station uses BRS addr. (Zeller-OH). CLW via CSIC 7413 f/d cd. in 22 ds. for a rpt. to the BRS address. (Hosmer-MI). Voice of the Lump Fish 7415 f/d "Bandito on Bowl!" paper QSL for a rpt. via the SWL Net. (Taylor-PA)... I don't make these up guys, I just report them! Words absolutely fail me. Oh well, on with the Column.... Sam.



ALPHA 66

Thank you for your report on our signals. We are glad to confirm that John M. WILKINS

was listening to LA VOZ DE ALPHA 66 on January 21, 1985 at 2100 GMT, on a frequency of 6666 kHz.

Sincerely yours,

Santa McDaniel
LA VOZ DE ALPHA 66

USSR: Radio Havana Cuba 7215 cd. in 240 ds. w/o site but w/ indication that the transmission was from a USSR site. (Rigas)

Radio Moscow 17695 "Lenin Monument" cd. in 139 ds. (Levison-PA). **Deutsche Welle** 12055 via **Shiqulovsk** (where?) f/d "New Broadcasting Centre" cd. in 25 ds. Also rcvd. schedule. (D'Angelo-PA).

UZBEK: Radio Tashkent 15470 f/d cd. w/ post-cards in 61 ds. w/ schedule and a calendar for 1 IRC. (Martin-MI). f/d cd. w/ pennant and schedule in 61 ds. (Helm-KS). f/d "World Map" cd. w/ personal note in 3 mo. v/s V. Danchev, Correspondence Section. (Durden-GA).

VATICAN: Radio Vatican 17730 f/d cd. in 3 wks. (O'Keefe-NY). 11620 f/d "68th Anniversary" cd. w/ pennant and sticker book along w/ other goodies in 20 ds. after a f/up rpt. (Helm-KS).

VENEZUELA: Radio Mara 3275 p/d cd. in 3 wks. for a SP rpt. I also rcvd. the assistance of a Venezuelan DXer, Antonio J. Contin E. This was for a 1988 reception. (Lobdell). f/d cd. w/ personal ltr. in 94 ds. for a SP rpt. on my 4th try for \$1.00. (D'Angelo)

Radio Nacional de Venezuela 9540 f/d "Logo" cd. in 17 ds. via a Miami address. This was for 2 IRCs and \$1.00. Also rcvd. stickers, personal ltr., schedule and other items. Addr: Jet Cargo International, M-7, P.O. Box 020010, Miami, FL 33102-0010. v/s Marty Delfin (use name on address). (Comau-MA).

Vietnam: Voice of Vietnam 15010 f/d cd. in 8 wks. for 1 IRC. (Cox-OR).....Don't forget the New Year's cards you'll be receiving for the rest of your natural life. Hi! Sam.

WEST BERLIN: RIAS 6005 f/d cd. w/ GM schedule and several postcards in 2 wks. for 2 IRCs. (Galgano-NY).

YUGOSLAVIA: Radio Yugoslavia 9505 f/d "Vinkovaga" cd. in 1 mo. for 1 IRC. (Ondrechen-MA). f/d cd. in 5 wks. for \$1.00. This took numerous tries over the past 10 yrs!!! (Loudell-DE). 11735 f/d cd. w/ personal ltr., pennant and a stick pin in 67 ds. (Helm-KS). f/d "Tourist shots of Zagreb" cd. in 10 yrs after more than 10 rpts! Also rcvd. program schedule and a station pennant. (Orcutt-NY)....Seems the station in Beograd is trying to make the situation look more normal and respond to overseas inquiries about their country. At least they are more friendly...Sam. 9620 f/d cd. w/ schedule in 4 mo. (Durden-GA). 17740 f/d "Hotel Omorika" cd. w/ schedule in 5 wks. (Schwartz). f/d cd. w/ schedule and pennant in 40 ds. for \$1.00. (Lare-MI). p/d cd. in 25 ds. for 2 IRCs. (Friend-NY). p/d cd. w/ pennant and schedule in 25 ds. for 2 IRCs. (Klink-NY). 9580 f/d "Augustus Temple" cd. in 29 ds. for 2 IRCs. (Newman). 17740 and 21605 f/d cd. in 4 mo. w/ schedule. (Barto-CT).

ZAIRE: La Voix du Kisangani my reception rpt. was returned by the USPS marked "Service Temporarily Suspended". What gives??? (Hosmer)..... I really don't know Don. However, I remember a few years ago that we mentioned in the QSL Column that some other country in Africa was having trouble with its mail service. I think it was Chad. If I remember correctly the "locals" thought the mailmen tasted delicious. Therefore, their own government cut the service. Hi!

Dear Mr. G. M. DARLING

This card verifies your reception of
The Lebanese Broadcasting System, Beyrouth,
on 15 th DECEMBER 1980
at 18.30 to 19.00 GMT
Frequency : 11980 KHz
Power : 100 Kw
Thank you!

(Signature - stamp)





Singapore Broadcasting Corporation QSL
Pavel Road, P.O. Box 21
Singapore 1192

Date 25 Jan '90

We are pleased to receive your attention report on 5047. We have 118.4 QSL on 11.87 QSL on 14 Oct 1991

Your report agrees with our own programme schedule

We hope you have enjoyed the programme and will continue to listen to our broadcasts.

[Signature]
Director of Programmes
Singapore Broadcasting Corporation

Dear Mr. EO Cuttack

Thank you for your reception report. We are sending a being returned because we did not reply to your report. Best wishes and a very happy New Year.

[Signature]

CONFIRMAÇÃO - RECEPÇÃO

Prezado Senhor via Richard D'Angelo

Assimovos recebimento de sua carta datada de... 03 / 08 / 90

Informamos que os dados contidos são verdadeiros. Ficamos ao seu inteiro dispor

Rádio Educadora de Bragança Ltda.

ONDA MFDA 271 - 535 - Frequência 1290 KHz
Estação 215 metros

ONDA THFTH: AL 270 - 361 - Frequência 421 KHz
Estação 01 metros

Diariamente das 6:30 às 12:00 horas

Atenciosamente

[Signature]
Mário Zende Lisboa, dos Reis

And yet another QSL Column bites the dust on a good note. I used small type. That means you sent in a lot of reports and kept me busy.

See you next month...Sam.

Sam

Contributors' Page

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LOGGINGS CONTRIBUTORS - APRIL 1992 - DEADLINE 10th of MONTH

The following members contributed loggings:

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Dean BIANCO, Eastchester, NY
Brian BOULDEN, Fairfield, CA
Bill BURKHARDT, Pueblo, CO
John CARSON, Norman, OK
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David CLARK, Newmarket, ONT
Mary Jane COLE, Jasper, TX
Richard D'ANGELO, Wyomissing, PA
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Jon Williams, Indianapolis, IN
Juichi YAMADA, Nara, JAPAN
NRD525 various Longwires
R8 HQ180A R390A 150' Longwire
RK641 Indoor LW
R2000 Sony 2010 AD Sloper
NRD525 Sony2010 ATS803A SPR4 NC183D
AD Sloper Beverage
FRG8800 ATS803A Eavesdropper
R7 (2) HQ180C Collins 51S-1 Antenna Farm
Sony 2010 20' Random
R70 AD Sloper
NRD515 R390 R391 Inv V AN1 234' LW
NRD515 SE3 Inverted V
R8 Eavesdropper
NRD535D SPR4 Eavesdropper
R2000 TUN3 Sony 2010 R7A 140' LW 85' Dipole
R71A AD Sloper
R71A AP4 DX302 Sony 2002 Trap Dipole 185' Random
R5000 AD Sloper
R70 Sony 2010 75' Random RWest Loop
R71A AD370 MAP
DX302 Transoceanic
R5000 AD Sloper
R8 R5000 HQ180A Sony 2010 350' Mini Bev2
60m Dipole
R600 20m Longwire
DX440 70' LW
DX440 Random Wire
R1000 Eavesdropper
Sony 2010 MFJ16010 75' Longwire
R5000 ATS803A Rod Antenna
NRD515 NRD525 Eavesdropper Random Wire
NRD515 R71A FRG7
Sony 2010 Longwire
DX302 FRG8800 FRA7700 Longwire
ICF5900W TUN3 150' Random
R71A Sony 2010 Sloper Trap Dipole
ATS803A
R71A S107 Random Wire
R8 AN1 Sony 2010 Eavesdropper
R7 NRD515 HQ180A AD Sloper Delta Loop Inv V
NRD525 50m Dipole

42 reporters this month!! Many thanks to all who want to cut my comments to the bare minimum and have realized the best way to do it is to contribute to the loggings sections! It was good to meet alot of you at the Winterfest and put a face with a name. Like any hobby activity, it didn't seem long enuf. If any of you didn't go because of the distance, it was worth the 22 hours on the road it took me round trip..stay flexible next March.

Enjoyable listening & good DX -

Tropical Band Loggings

Sheryl Paszkiewicz
1015 Green Street
Manitowoc, WI 54220



- 2310p AUSTRALIA VL8A 3/10 1033 EG tlk, //2325, QRN (Williams-IN)
 2360 GUATEMALA, R. Maya 2/17 1050 mx, ID //3325 (Lawrence-NY)
 3205 NEW GUINEA R Sandaun 3/14 1124 PD chants, ment Sandaun,
 sev PNGs hrd today (Williams-IN) 3/4 1130 ID, TC (Feeley-GA)
 3210 MOZAMBIQUE RM 2/21 0330 PT mx, ID 0337, poor (Lawrence-NY)
 2/25 0405 Afr pops, tlk, //4863.9 (Alexander-PA)
 3215 SOUTH AFRICA R Oranje 2/14 0345 EZL, TC, Ventures mx ties
 segments together (Newman-IN)
 3231.8 SUNIATRA, RRI Bukittinggi 2/25 2258 SCI, Jak nx (Johnson-MD)
 3235 BRAZIL R Clube Marilia 2/8 0025 vcls, IDs, fair (D'Angelo-PA)
 3240 SWAZILAND TWR 2/25 0340-0345* rel, EG ID, IS (Alexander-PA)
 3249.5 HONDURAS R Luz y Vida 3/10 0225 guitar, SP ID (Williams-IN)
 3/1 0252 rel for kids, HRPC Highlights (Carson-OK) 1/16
 0330 SP tlk, ID (Stolberg-MN) 3/1 0330-0400* EG mailbag
 mushy audio, QSB (Hardester-NC)
 3255 INDIA AIR Shillong 3/3 1205-1215* subcont mx, only AIR on
 90m (Clark-ON)
 3255 LESOTHO BBC Relay 2/22 0357 EG nx, IDs, F-G (Klinck-NY)
 3265 SUNIATRA RRI Bengkulu 2/8 2246 C&W, birds, lcl ID, SCI,
 Jak nx, SIO=353 (D'Angelo-PA)
 3270 ECUADOR Ecos del Oriente 2/12 0038 mx, ID, weak (Durden-GA)
 2/21 0325 vcls, closing anmts, NA, also hrd 6540h (Johnson)
 2/25 0345-0356* anmts, mx, ID 0353, NA (Alexander-PA)
 3274v MOZAMBIQUE EP de Sofala 2/8 0335 thru ute, drifting down
 And 3/2 0325 fair w/tlk/laughter/mx (Clark-ON) 2/10 0345-
 0400 drums, ID 0400, mx but fading (Durden-GA)
 3289.9 ECUADOR R Centro 3/12 1029 weak audio, ID 1030 (Williams-IN)
 3290 NAMIBIA NBC 2/22 0400 lcl mx, EG ID, tlk lang (Klinck-NY)
 2/9 0435 Afr nx, good (Burkhardt-CO) 2/18 2303 EG nx, ancd
 next nx at 6 o'clock, mx (Johnson-MD)
 3300 GUATEMALA R Cultural 2/21 0250 SP tlks, pop mx (Stolberg-MN)
 2/27 0330 "Thru the Bible" SIO=444 (Carson-OK) 2/22 0407
 EG rel, good (Klinck-NY) 2/25 0420-0433* "Back to the Bible"
 abt Amos, hymn, ID, addr (Lamb-NY)
 3310 BOLIVIA R San Miguel 2/7 2337 flutes, ID 2400 (D'Angelo-PA)
 3315 INDIA AIR Bhopal 2/21 0022 IS, anmt, mx (Johnson-MD)
 3316 SIERRA LEONE SLBS 2/11 2245 Western pops, EG nx, ID (Johnson)
 3330 RWANDA R Rwanda 2/8 0320 thru CHU in LSB FR ment Rwanda,
 native chants, poor-fair (Clark-ON)
 3330.3p PERU, Ondas del Huallaga, 2/9 0109 tent ID, FC, fair (Clark)
 3335p TAIWAN CBS Taipei 3/3 1210 CH tlk, class mx, fair but fading,
 audio from sev CH on 120m hrd prior to 1200 (Clark-ON)
 3339 PERU R Altura 1/5 0109 mx, QRM, weak (Burkhardt-CO) 3/12
 1100 martial mx, IDs (Williams-IN)
 3340.1 BOLIVIA R Viloco 2/23 1026 mx, ads, definite IDs (Klinck-NY)
 3355t BOTSWANA RB 2/10 0412 US pops incl "I am Your Lady," tlks
 in lang (Lamb-NY)
 3360 GUATEMALA LV de Nahuala 2/24 0258-0312* marimbas, tnxfor
 listening & will return tomorrow at 5 a.m. (Newman-IN)
 2/24 tent at 0314 w/marimbas & sudden off (Oliver-TX)
 3365 BRAZIL RC Araraquara 2/13 2326 political tlk for PDC candi-
 date, mx pgm "Relebrando meu Sertao", ads (Durden-GA)
 3365 NEW GUINEA R Milne Bay 2/17 1203 EG nx //4890, ID, TC, EG
 tlk, TC, lost in QRN 1220 (Johnson-MD)
 3365 SWAZILAND TWR 2/20 0340 "Atraves da Biblia" PT rel, ID (Durden)
 3366 GHANA GBC 2/14 0643 EG Afr nx (Burkhardt-CO) 2/19 2207 EG
 ID, health show abt the back (Lamb-NY) 2/21 2250 Christian
 mx, tlk //4915 to 2255, ID 2300, off 2305 (Lawrence-NY)
 3370 GUATEMALA R Tezulutlan 2/21 0255 tlks (Stolberg-MN)

- 3370 2/15 0322 marimbas, greetings & personal anmts //4835
(Frodge-MI) 2/19 0330 mx, ID (Lawrence-NY) 2/15 0345-
0402* marimbas, freq IDs, s/off anmts (Hardester-NC)
- 3381 MALAWI MBC tent 2/27 0331 Afr drums, tlk (Alexander-PA)
3/2 0344 tlk lang, EG TG, drums, MBC ID (Clark-ON) 2/10
0400 Afr nx, lcl mx, 0418 MBC ID (Durden-GA)
- 3384.9 SUNDAS RRI Kupang 2/17 1503-1514* Jak nx, closing anmt,
mx, poor-fair (Yamada-JAPAN)
- 3390.1 ZAIRE R Candip 3/2 0327 Afr mx //5066.3, poss FR tlk,
covered by ute (Clark-ON)
- 3395 SUMATRA RRI Tanjungkarang 2/7 2220-2310 fade, strings, tlk,
SCI, Jak nx, SIO=353 (D'Angelo-PA)
- 3500 COLOMBIA LV del Guainia 2/8 *1008 NA, anmts, vcls, TGS,
rooster crows, fast tlk (D'Angelo-PA) 2/8, 1028 ID, nx,
Adean mx, calls (Durden-GA)
- 3925 JAPAN R Tanpa 2/8 0935 tlk //9595, fair-good (D'Angelo-PA)
2/9 1200 discussion abt USA, good sig! (Boulden-CA)
- 3926p SOUTH AFRICA Capital R 2/8 0340 rock mx, ham QRM (Clark-ON)
- 3935E NEW ZEALAND ZLXA 2/20 0725 EG tlks, weak (Field-MI)
- 3965 UNID 3/3 0458 TP, tlks in poss FR so RFI? (Field-MI)
- 3970 GERMANY RFE Romanian 3/2 0437-0458* tlk abt Ceausescu, ID
(Lamb-NY)
- 3970 UNID 2/28 0525 tlk in lang, didn't sound FR (Cameroon) and
RFE has EG 0545 which this didn't, off air 0558 (Field-MI)
- 3980 GERMANY VOA Relay 3/2 0600 ID, "Newslines," "VOA Monday
Morning" (Lamb-NY)
- 3985 SWITZERLAND R Beijing via SRI 2/19 2215 EG ID, nx, rpt abt
Beijing Comm. R, "Star Wars" theme (Lamb-NY)
- 3990 CHINA Xinjiang PBS 2/17 1302 Uighur tlk, mx, fair (Yamada)
- 4003.2 SUMATRA RRI Padang 2/29 1222 nonstop mx, tlk 1230, mx, IS,
1300 Jak nx (Yamada-JAPAN) 2/16 2257 lcl IS, jingle, Jak
nx, 2330 lcl IS (Clark-ON) 2/25 2303 //3231.8 Jak nx (Johnson)
- 4039.2t PERU R Marginal 2/8 1118 ads, tlk, OA mx, poor (Durden-GA)
- 4050 ASIATIC RUSSIA R Sakhalinsk 2/12 1352 exc in RS, "When I'm
64" by Beatles (Westdal-CA)
- 4065 GULF ARABIA Vo Iranian Kurdistan 2/8 0331 march mx, ID,
HE vcls, fair (D'Angelo-PA)
- 4237 PERU R Inca 2/7 0947 huaynos, ID, FC (D'Angelo-PA)
- 4299 PERU R Moderna 2/8 1034 ID, ads, regional mx, 150 watts!
(Durden-GA) tent on 3/2 1106 mx pgm (Field-MI)
- 4485 PERU LV de Celendin 2/8 0018 NA, mx, ID (Durden-GA) 2/9,
0138 comunicados, instls, ID "R Gran Patajen," vcls, ID
0202 (Clark-ON)
- 4600 BOLIVIA R Perla del Acre tent, 2/21 0257 EZL, mucho tlk,
poss ment Cobija (Frodge-MI) 2/27, 0230 mx, IDs to 0300*
(Lawrence-NY)
- 4610 AS RUSSIA RS Vostok via Khab., 2/17 0901 IS, ID, tlks, 0929
lcl pgm & "Govorit Khabarovsk" ID (Yamada-JAPAN)
- 4649 BOLIVIA R Santa Ana 2/8 0015 CP mx, ID (Durden-GA)
- 4679.6 ECUADOR RN Espejo 3/17 0238 ID, ads (Paszkievicz-WI)
- 4680 IRLAND Sede-ya-Mojahed 2/28 0320 and all over dial--5070,
5240, 5536, 5611, 5730 etc & always changing (Alexander-PA)
- 4690 IRLAND R Patria Libre 2/27 *0027-0104* mx, ID (Alexander-PA)
- 4725 MYANMAR Vo Myanmar 2/19 1200 lang nx, mx, poor (Lawrence-NY)
- 4735 CHINA Xinjiang PBS 2/20 0020 mx, IS, ID, nx (Durden-GA)
- 4753 SULAWESI RRI Ujung Pandang 2/7 2210 IS, TP, ID 2230 (D'Angelo)
- 4765 CONGO RIV 2/10, 0435 FR mx, ment Congo, nx (Lamb-NY) 2/14
2305 corres rpts, tlk abt Zaire (Newman-IN) 2/16 2350
Afr mx, ID to 2400* (Hankison-KS)
- 4770 NIGERIA RN 1/5 0555 EG mx, nx, sports, ID (Stolberg-MN)
2/8 2244 EG pops, greetings, nx (Frodge-MI)
- 4770 UNID 3/11 1203 orch, choir, tlk Asian lang (Williams-IN)
- 4775 JAVA RRI Jakarta 2/7 2236 tlk //15154.6 (D'Angelo-PA)
- 4775 PERU R Tarma 2/8 0010 nx magazine, ID (Durden-GA) 3/13
1050 huaynos, ID 1054, 1101, fair (Williams-IN) 2/14 1104
ID, "RT el mas potente del pais" sayin it don't make it so, hi
(Newman-IN)

- 4789.6 IRIAN JAYA RRI Fak Fak 2/9 1230 nx, theme, ID (Clark-ON)
 4790.4t INDIA AIR Shillong 2/20 0045 subcont mx, lang tlk (Durden-GA)
 4790.4 PAKISTAN Azad Kashmir R 2/10 0114 chants w/varying level, nx 0202, tlk, mixing w/Atlantida (Clark-ON)
- 4795 CIS RNWS 2/26 2305-2359* nx "Update" pgm, ads (Alexander-PA)
 4799.8 GUATEMALA R Buenas Nuevas 3/12 1123 organ, choir, ID (Williams) 2/14 1128 choral mx, hymns, ID 1129 (Newman-IN)
- 4800t DOM REP La N-103 2/20 0423 ritmos, vcels, poss ID (Flynn-OR)
 4810 SOUTH AFRICA R Orion 2/14 0110 & 0400 pops, nx, speech by DeKlerk (Newman-IN) 3/2 0140 cricket btwn SA/Sri L (Feeley) 2/18 *0300 R Suid Afrika TP, ID, drama, interview (Jordan-PA) 2/24, 0355 R Suid Afrika mx, AK ID (Hankison-KS)
- 4815t BRAZIL R Cabocla 2/18 0104 cowboy mx, Sao Paulo addr (Flynn)
 4820 HONDURAS HRVC 1/4 0329 mx, ID, fair (Burkhardt-CO) 2/25 0437 rel tlk, ID, choral mx (Lamb-NY)
- 4825 BRAZIL R Cancao Nova 2/14 2315 ballads, ID, FC & ask for ltrs (Newman-IN)
- 4835 GUATEMALA R Tezulutlan 3/2 0220 tlk lang, Mayan folk song, sung w/teponaztli (hand drum) (Peck-NY) 2/15 0348 rel (Frodge)
- 4835 MALI RTV 2/2 2340 Eagles, Phil Collins, FR anmt (Hankison-KS)
 4835 SARAWAK RTM Kuching 3/1 1510 vcels, anmts, TP, nx (Murray-OR)
 4845 GUATEMALA R Kekchi 2/11 0300 FC & off, no NA (Oliver-TX)
 4845 MALAYSIA RTM 2/9 0744 tlk lang, 0800 ID, mx (Robertson-CA)
 4845 MAURITANIA ORTM 3/2 0057 Koran, ID, orch NA (Peck-NY) 2/8 0715 mx, Koran, FR/AR, fair-good (Boulden-CA)
- 4850.6 ECUADOR R Luz y Vida 2/21 0300-0311* chorus, ID, NA (Pasz)
 4852.5 UNID suspect Yemen 2/29 2245 Koran, anmt, anthem (Clark-ON)
 4855.9 SUMATRA RRI Palembang 2/17 1445 mx, ID, IS, Jak nx (Yamada) 2/7 2248 subcont mx, SCI, ID, nx (D'Angelo-PA) 2/16 2259 SCI, nx, peaked 2300 (Clark-ON)
- 4860 CIS RM 2/9 2350 EG w/RS folk mx //4795 (Terrence-NY)
 4862.8 UNID 2/10, 0430 ballads tlk re volcanoes in "la cordillera de Guanacaste" help? (Durden-GA)
- 4865 COLOMBIA LV del Cinaruco 2/10 0110 sports on scene (Flynn-OR)
 4870 BENIN ORTB 2/18 0510 FR Afr mx, RTTY QRM (Hankison-KS) 1/5 0520 FR pops (Stolberg-MN) 2/14 2248-2300* pops & C&W, FR anmts, NA (Newman-IN)
- 4870 CLAND Seda-ya Mojahed 2/20 bx in Parsi, not AR, ref FT639. Also //6530, 5070, 6254 none jammed (Johnson-MD)
- 4870 SRI LANKA SLBC 2/2 1507 Sinhala mx, QRM Jinling (Yamada)
 4874.6 IRIAN JAYA RRI Sorong 3/15 1227 IN mx, Sinatra, ID 1300 (Williams-IN)
- 4875 CHINA Vo Jinling 2/14 *1155 tlk, TP, ID (Newman-IN) 1457 opera, 4+1 pips, nx (Murray-OR)
- 4880 BANGLADESH RB 2/26 0025 IS, tlk, Koran, hrd 10 mins (Johnson) 3/3 1205 tlk re Bangladesh, fanfare, nx (Clark-ON)
- 4883 CHINA RB Hohhot 2/9 1245 mx, tlk, IS, ID (Durden-GA)
 4885 COLOMBIA Ondas del Meta 3/2 0130 Super IDs, cumbias (Peck-NY)
 4890 GABON RFI 1/16 0426 FR mx, ID (Stolberg-MN)
 4890 PAPUA NBC 3/15 1140 chants, PD tlk, weak (Williams-IN)
 4890 SENEGAL ORTS 2/22 0537 FR ment Senegal, lambada mx in PT (Peck/Bianco-NY) 2/15 2233 MOR, tlk, drums (Frodge-MI)
- 4894.6 VIETNAM Vo Vietnam 2/9 2229 theme, tlk, strong (Clark-ON)
 4900 CHINA Vo Strait 2nd Pgm 2/9 2206 nx, vcels (Clark-ON)
 4900 ECUADOR R Libertador/LV Saquisilí 2/8 1107 animal noises, promos, SIO-343 (D'Angelo-PA)
- 4902p SRI LANKA SLBC 2/21 0008 subcont mx, tlk, 0030 5 TP (Johnson)
 4904 BRAZIL R Relogio Federal 3/12 0025 anmts, TP (Paszkiwicz-WI) 2/11 2344 tlk, pause for TCs, ads, ID (D'Angelo-PA) 2/27 2350 TCs, ads, jingles (Alexander-PA)
- 4904.5 CHAD Rdf Nat 2/29 *0425 FR IS, NA, ID, Afr folk mx (Alexander) 1/4 0434 FR w/fading (Burkhardt-CO)
- 4909.8 ZAMBIA ZNBC 2/25 0250 IS, NA, EG anmt, Afr folk (Alexander) 2/19 0335 Afr mx, nx w/ment Zambia (Lawrence-NY) 2/8 0400 "Calling Zambia" nx, TC, Radio 1 ID in lang 0435 (Clark-ON)

- 4914.5 PERU R Cora 2/14 1115 call in show, callers complaining abt Peruvian econ (Newman-IN) 3/13 1120 martial mx, ID 1125 (Williams-IN)
- 4915 GHANA GBC 2/22 0527 guitars, choir, EG ID, tlk lang (Peck/Bianco-NY) 3/4 2240 EG nx, choral anthem, ID, tlk lang (Terrence-NY)
- 4920 INDIA AIR Madras, 2/23 0032 Hindi nx, ID, EG nx. Also 2/9 0052 subcont mx, fair w/sitar theme mx, tone 0100 (Clark-ON)
- 4927.7 MONGOLIA R Ulaanbaatar 2/29 1004 MG nx, class mx, 1016 ID (Yamada-JAPAN)
- 4935 PERU R Tropical 2/8 1015 w/anthem, ID, anmts (Renfrew-NY) tent 3/3 1113 w/OA mx, soon faded (Field-MI)
- 4940 CHINA Qinghai PBS 2/6 1445 tlk-sounded like a party, disco mx, tones 1459, nx (Boulden-CA)
- 4940.1 COTE D'IVOIRE RTV 2/18 2253 FR 1cl mx, anmts (Klinck-NY)
- 4950 UNID 3/14 1157 50s dance mx, poss EG tlk, 1+1 TP 1200, then tlk in CH-Sarawak? (Williams-IN)
- 4965 BOLIVIA R Juan 23 2/7 2312 vcls, ID, FC (D'Angelo-PA)
- 4970 UNID 3/15 1219 zither-type mx, poss CH, chime IS (Williams-IN)
- 4970 VENEZUELA, R. Rumbos 1/4 0328 tlk, bells (Burkhardt-GO) 2/21 0341 ID & tlk (Stolberg-MN) 2/6 0824 IDs, ads, guitar ment Caracas //9660 (Lamb-NY)
- 4975t BRAZIL Super R Tupi 2/18 0039 rel tlk, organ w/chimes (Flynn)
- 4975 CHINA Fujian PBS 2/8 1330 EG lessons, good (Boulden-CA) 3/1 1415 tlks, whistled "Those were the Days" (Murray-OR)
- 4976 UGANDA RU 2/9 0403 nx, sports, ads, PSAs, ID (Durden-GA)
- 4976.3 COLOMBIA Ondas del Ortegaza 2/11 0253 closing anmts, IDs part of NA & off (Johnson-MD)
- 4980 VENEZUELA Ecos del Torbes 2/22 0300 SP mx & ID (Stolberg-MN)
- 4990 NIGERIA RN 2/25 0452 Koran, "R Nigeria 1" jingle, "Nx at Dawn" (Lamb-NY) 1/3 0624 EG mx (Burkhardt-GO)
- 5009.3 MADAGASCAR RM 2/20 0307 FR & lang tlk, ment Mad. mx (Durden) 2/27 0308 march mx, Afr pops, ID, fanfare (Alexander-PA)
- 5010 CAMEROON R Garoua 2/25 0505 EG nx, into FR, mx (Field-MI) 2/19, 2231 ID, tlk show, freq applause (Lamb-NY)
- 5010.2 ECUADOR Esc Radiofonicas Pop, 2/27 0200-0231* tlk, HC mx, ID (Alexander-PA) 2/29 0925 ID, calls, TC, addr, FC, folk mx (Lamb-NY)
- 5025 CUBA R Rebelde 2/22 0257 SP w/mx bridges (Klinck-NY)
- 5030 SARAWAK RTM Kuching 2/9 1230 EG pops, ID, nx (Durden-GA)
- 5034.5 CENT AFR REP Raf. 2/20 0458 FR discuss, mx bridges (Klinck-NY)
- 5046.2 GLAND 2/11, 12 0018-0043+ numbers st, strong EG 3/2 (Terrence)
- 5050 ECUADOR R Jesus del Gran Poder 2/8 1007 ID, kid's choir, rel, rosary (Lamb-NY)
- 5052 SINGAPORE SBC Radio 1 2/7, 8 2232 EG pop mx //5010 (D'Angelo)
- 5055 COSTA RICA 3/5 0335 EG rel pgm (Westdal-CA) 2/21 0345 EG Bible story, EG ID, addr (Stolberg-MN)
- 5055 FRENCH GUIANA RFO Cayenne 2/8 0900 FR ID, rock mx, ads, "La Voix d'Esperance" rel pgm (Lamb-NY)
- 5060 ECUADOR RN Progreso 3/2 0438 huaynos, tent (Peck-NY) 3/1, 0320-0335* HC mx, IDs, anmts, NA (Alexander-PA)
- 5066 ZAIRE R Candip 2/9 *0327 tlk, nx //3390 (D'Angelo-PA)
- 5097 PERU R Eco 2/8 1032 morning pgm, ID, ute QRM (Renfrew-NY)
- 5145t TIBET 2/18 1015-1115+ Western rock, IS, poss EG lesson //7110, no other site listed (Renfrew-NY)
- 5560 NICARAGUA R Miskut 2/7 0035 birthday greet, dedications, Bible read, anmts (Durden-GA) 2/9 1123 tlks, ID, rel pgm sermon/organ (D'Angelo-PA) 2/26 2245-2259* tlk, Carpenters (Gerry Dexter's favorite) s/off w/NA (Alexander-PA) Just kidding Ger--sp.

Loggings marked PECK were by MARTIN PECK on his NRD-515 in the Bronx. Loggings marked Peck/Bianco were MARTIN PECK & DEAN BIANCO on Dean's NRD-535D at Eastchester. So far all the formats I am receiving are just fine. Remember to please put your name after each log as these get cut apart into strips. Happy Easter--sp.

International Band Loggings

Wallace C. Treibel
357 N.E. 149th Street
Seattle, WA 98155



- 5915 KAZAKHSTAN R Alma Ata in EG 0059*, IS, ID, nx, RS folk mx, p (Alexander PA 2/26)
 5950 YEMEN RYR Sana in AR 1450, ME mx, p due to propagation condx (Hankison KS 2/2)
 5955 COLOMBIA LV De los Centauros in SP 0917, ID's, folk mx, TC's (Lamb NY 2/6)
 5960 CANADA R Monte Carlo relay in AR *0400-0417*, ID's, nx/remotes (D'Angelo PA 2/29)
 59846 SUMATERA RRI Pekanbaru in IN 1258, vocal, Jakarta nx, f-g (Clark ONT 2/9)
 5995 AUSTRALIA RA in EG 1400, int'l and stock exchange rpts, g (Carson OK 2/12)
 5995 MALI RTV Malienne in FR 0620-0710, ID's, mx, nx (Paszkievicz WI, Lamb NY 2/10)
 6000 BRAZIL R Guaiaba in PT 2339*, tlk, fanfare, ID at s off (Clar NY 2/12)
 6010 BRAZIL R Inconfidencia in PT 2320, sports pgm, ID's, ads, p (Clar NY 2/19)
 6010 MEXICO R Mil in SP 0230-0430, DJ, ballads, tlk re US Super Bowl, ID (Newman IN, WestGal CA 3/5) in SP 1130, pop mx, frequent ID's, QRM (Lawrence NY 2/16)
 6020v MEXICO LV de Veracruz in SP 1330, ID, sports nx, weak sig (Durden GA 2/16)
 6020nf? AUSTRALIA RA in EG 0827, IS, nx, "Pacific Sunrise", mx, g (Robertson CA 2/18)
 6025 DOMINICAN REP. R Amanecer in SP 2258, promos, ID, fqys, f-p (Clar NY 2/10)
 6050 UNITED KINGDOM R Canada relay in EG 0659*, tlk on mx, ID, IS, f (Carson OK 2/13)
 6050 NIGERIA RN Ibadan in EG 2215, ID, into tribal mx, f (D'Angelo PA 2/9)
 6060 GERMANY VOA relay in EG 0543, "Songs of My People", features (Carson OK 3/8)
 6070 CANADA CFRX Toronto in EG 0038-1125, sports nx, late nite tlk show, wx, ID, ads for Int'l Franchising show & Toronto auto show (Carson OK, Feeley & Tucker GA)
 6085 CANADA Deut Welle relay in EG 0300, IS, ID, nx, "European Journal", GM beer songs restoration of Cologne cathedral (Robertson CA, Tucker GA, Carson OK)
 6085 GERMANY Bayer Rundfk in GM 0630, GM mx, ID, nx (Lawrence NY, Oliver TX 2/14)
 6100 PORTUGAL R Renascenca in PT 0641-0700*, ID's, mx, ads?, g (Lamb NY 2/26)
 61229v LAOS Lao Natl R Vientiane in lang 1200, NA, nx, f-g w/o QRM (Clark ONT 2/9)
 6130 CANADA CHNX Halifax in EG 0718, pop mx, ads, ID, f-g (Orr VA)
 6135 BOLIVIA R Santa Cruz in SP 1000, repeated IS, ID, mx, ads, f (Klinck NY 2/23)
 6149 COLOMBIA Caracol Bogata in SP 0037, tlk radio pgm, vx, ID's (Terrence NY 2/18)
 6160 CANADA CKZN St Johns in EG 0952, wx, TC, country nx, CBC nx (Lamb NY 2/29)
 6190 GERMANY SFB-1 Bremen in GM 0550, US pop mx w/DJ, ID (Lawrence NY, Renfrew NY)
 6200 PERU LV de Huamanga in SP 1035, ID's, flutes, yipping vocals, p (D'Angelo PA 2/8)
 67245v PERU R Satellite in SP 0234, mx, excited tlk, TC's, ID (Orr VA, Feeley GA 3/2)
 6840 CHINA CPBS-1 in CH 2242, tlks, no EG, f level, //5320 (Orr VA)
 6900 TURKEY VO Meteorology in TK 0510, tlk, pop mx, ID's, wx, no UTE QRM (Orr VA 2/7)
 7110 ETHIOPIA VO Ethiopia in Amharic 0350, folk mx, tlk, QRM (Peck/Bianco NY 2/22)
 7115 SRI LANKA VOA relay in EG 0105, nx, f w/co-channel QRM, //15250 (Clark ONT 3/4)
 7125 RUSSIA Georgian R in Georgian 0400, tlk, classical mx, f (Peck/Bianco NY 2/22)
 7150 AUSTRALIA RA in EG/VT 1405, rock mx, ID in EG, into mx in VT (Hankison KS 2/9)
 71652 NEPAL R Nepal in lang 1215, pips, vocal, tlks, f, //5005 (Clark ONT 2/23)
 7180 HONGKONG BBC relay in EG 1405, tlk on McArthur's control over Japan (Hankison KS)
 72031 ZAIRE LV du Zaire in FR 0400, Afro pops, pgm notes, full ID 0435, g (Orr VA)
 7205 GREECE VOA relay Kavalla in EG 0130, "VOA Monday Morning", nx (Clar NY 2/24)
 7215 IVORY COAST RIV Ivoirienne in FR 0500, IS, ID, tlk, mx, f (Klinck NY, Carson OK)
 7225 RWANDA Deut Welle relay in EG 0400, nx re So Africa's politics (Hankison KS 2/24)
 7230 SOUTH AFRICA RSA in EG 1710, S African hit parade, mailbag, p (Park HI 2/29)
 7255 NIGERIA VO Nigeria in EG 0533, African nx, cmntry (Carson OK 3/8, Frodge MI 2/3)
 7265 GERMANY Sudwestfunk in GM 0445, pop mx, nx, ID's, ads, TC (Lamb NY, Lawrence NY)
 7265 BOTSWANA VOA relay in EG 0315, "Nightline Africa" (Oliver TX 2/26)
 7268nf? RUSSIA New Wave R in RS/EG 0700, M & F alterntg RS/EG, ID, QTH (Boulden CA 2/11)
 7295 MALAYSIA RIVM Radio 4 in EG 1139, ID, promos, ezl, nx, pips, QRM (Clar NY 2/20)
 7305 VATICAN STATE VR in EG *0250-0310*, IS, ID, features, //6095, f (Jordan PA 2/21)
 7400 UKRAINE R Kiev in UK 0250, IS, ID, tlk, choral mx, g (Carson OK 2/23)
 7412 INDIA AIR in Nepali 1414, local mx, tlks (Pappas SD 2/29)
 7670 BULGARIA BR Stolnik in BG 0530, US pops, "Horizont" sung 0600, g (Renfrew NY 2/8)
 9022 IRAN VOIRI in EG *0030, Koran reading, ID, AR mx, nx, cmntry (Feeley, Tucker GA, Burkhardt CO 2/15) in SP 0145, f anncr w/nx (Hankison KS 2/8)
 9265 ICELAND INBS in IC 2230-2305, operetta w/few interruptions, nx, ID (Newman IN)
 9325 NO KOREA R Pyongyang in EG 1345*, ID, skeds for future, //9345 (Hankison KS 2/16)
 9435 ISRAEL Kol Israel in EG 2235, reason for invading Lebanon again (Davis OH 2/20)

9445 TURKEY VOT in EG 2345, nx, ID, TK press review (Clar NY 2/26, Davis OH 3/2)
 9475 EGYPT R Cairo in EG 0200, ID, nx, lcl mx (Klinck NY 2/10)
 9480 MONACO TWR Monte Carlo in EG 0740, relig pgm, ID (Jordan PA 3/6, Lamb NY 3/2)
 9490 MONACO TWR Monte Carlo in HG 0927, IS, ID, annnmts, relig mx (Lamb NY 2/7)
 9505 UNITED KINGDOM R Canada relay in EG 0430*, nx, "Spectrum" (Hardester NC 3/2)
 9505 CZECHOSLOVAKIA R Prague in EG 0743, ID, rock mx, nx, "Interprogram" (Lamb 2/6)
 9515 ITALY R Uno Sicily in IT 0605, vocals, ID, chimes, f (Hardester NC 2/17)
 9535 ALGERIA Rtv Algerienne in FR 1936, cmntry re Bush campaign, ID, f (Orr VA)
 9540 VENEZUELA R Nacional in EG 1145, SP mx, ID, nx (Terrence NY 3/5, Clar NY 2/14)
 9540 SOLOMON IS. SIBC in EG/Pidgeon 0700, C&W mx, ads, nx, sports (Franzen MN 2/13)
 9555 PHILIPPINES R Veritas Asia in EG 1327, fqys, into HD lang 1330 (Boulden CA 2/8)
 9560 ETHIOPIA VOE in EG *1500, ID at s/on then lost in the mud (Hankison KS 2/17)
 9565 BRAZIL R Universo in PT 0934, ID's, relig tlk, mx, Bible verses, f (Lamb NY 2/7)
 9575 MOROCCO R Medi Un in FR 0805, ads, ID, jingle, rock, nx in FR/AR, f-g (Lamb 3/2)
 9580 AUSTRALIA RA in EG 0926, features, jazz mx, ID, fqys (Robertson CA, Tucker GA)
 9580 GABON Africa #1 in FR 2133, Afr mx, ID, annnmts, g-vg (Klinck NY 2/29) in FR
 0514 w/ Amer & Afr pops, ment Libreville, Gabon (Paszkiwicz WI 2/10)
 9600 PORTUGAL R Renascenca in PT 0015, s/on w/bells, elevator mx, f (Frodge MI 2/10)
 9605nf VATICAN STATE VR in EG *0250-0308*, "Rome Report", tlks (Jordan PA 3/3)
 9610 AUSTRALIA ABC Perth in EG 1208, pop mx, promo, race results, f (Clar NY 2/14)
 9615 NORWAY R Denmark relay in DN 0130, IS, pips, ID, nx, QRM (Clar NY 2/26)
 9625 CANADA CBC North Svce in EG 2259, ID, address, nx, ID, fqys (Pappas SD 2/25)
 9630 SEYCHELLES BBC relay in EG 2000, tlk re aid to CIS (Davis OH 3/1)
 9660 AUSTRALIA ABC Brisbane in EG 0843, "ABC Country", mx dedications (Lamb NY 2/7)
 9665 CHINA R Beijing in EG 1231, "Current Affairs", "Culture in China" (Tucker GA)
 98648v TANZANIA RT in EG 0344, US pop mx, Afr hi-life mx, ID 0359, drums & 5 pips, nx
 back to pop mx 0410 (Alexander PA 2/27, D'Angelo PA 2/9)
 9690 SPAIN R Beijing relay in EG 0314, cmntry on retail sales increase(Unruh WA 2/12)
 9710 LITHUANIA R Vilnius in EG 0501, nx, mx, annnmts, ID's (Klinck NY 2/19)
 9720 IRAN VOIR in EG 0119, nx re food shortages in Iraq, ID, address (Clar NY 2/27)
 9725 COSTA RICA AWR in SP 1357, relig tlk, TC, ID, address, hymns, f (Lamb NY 2/10)
 9746 BAHRAIN RB Abu Hayan in AR 1340, tlks in AR, ID, f (Klinck NY 2/25)
 9750 SO KOREA RK in EG 1218, nx, cmntry on Japan excesses during WWII(Tucker GA 2/14)
 9760 PHILIPPINES VOA relay in EG 1433, "Asia Report", promo, nx, f (Lamb NY 2/10)
 9860 UKRAINE R Kiev in EG 0057, req for rpts, fqys, into RS 0100 (Oliver TX 2/21)
 9900 EGYPT R Cairo in EG 2240*, AR mx, ID's, nx, recitations, f-p (Jordan PA 3/8)
 9930 BELGIUM BRT in EG *0030, nx, ID, fgy anncd as 9925! (Feeley GA 3/4, Flynn OR)
 11530 LEBANON Wings of Hope in EG 1840, addrs, sked, relig mx, ID, p (Park HI 2/27)
 in EG 2135-2220, "Wings of Prayer", gave 800 # (Frodge MI 2/8, Oliver TX 2/16)
 11570 PAKISTAN RP in EG 1700, nx abt Asia, ID (Paszkiwicz WI 2/17)
 11650 GUAM KTWR in EG 1637*, "Hour of Freedom", ID, IS (Clar NY, Paszkiwicz WI 2/10)
 11650 NO MARIANAS KFES Saipan in RS 1240, relig sermon, mx, ID, g (Clar NY 2/11)
 11660 BULGARIA Horizont Plovdiv in BG 0530, US pops, exc, //7670 (Renfrew NY 2/8)
 11670 FRANCE RPI in FR 0255, light vocals, pleasant mx, ID, g (Unruh WA 2/12)
 11685 PHILIPPINES FEBC in EG 0937, nx re Imelda Marcos, ID, relig tlk (Lamb NY 2/20)
 11695 FRENCH GUIANA R Beijing relay in EG 0440, class mx, cmntry, exc (Unruh WA 2/15)
 11710 ARGENTINA RAe in JP 0929, ID's, jazz & folk mx, vg (Lamb NY 2/20)
 11710 SUDAN SNEC Omdurman in AR 1347, annnmts, AR mx, ID on hr, f-p (Klinck NY 2/28)
 11750 SINGAPORE BBC relay in EG 1633, live soccer game & scores, //15070 (Lamb 2/22)
 11755 FINLAND RF in EG/FN 0240, "Northern Report", ID (Unruh 2/12, Robertson CA 2/16)
 11780 BRAZIL RN da Amazonia in PT 0934, "Happy Birthday", echo annnmts, ID (Pappas SD)
 in PT 2149, tlk, sports, interviews?, ID, pronos (Clar NY 2/26)
 11800 SRI LANKA SIBC in lang/EG 1840-1935, ME vocals, pips, ID, nx (Clark ONT 2/23)
 11815 NETHERLAND ANTILLES TWR Bonaire in EG 1148, relig pgm, ID, //15345 (Pappas 2/13)
 11822v COLOMBIA RN Bogota in SP/EG 2335, mx, DX pgm in EG (Alexander PA, Terrence NY)
 118249 ALBANIA R Tirana in EG 0335, ezl mx, letter from P Corps volntr (Peck/Bianco NY)
 11830nf RUSSIA New Wave Radio Station in RS/EG *0700-0759*, s/on w/pips & ID's in RS/EG
 RS & US big band mx, Moscow address, sked T,W,F,Su, mostly RS tlks during xmsn,
 (Berg MA 2/18, Alexander PA 3/1, D'Angelo PA 3/1, Jordan PA 3/3)
 11835 NETHERLAND ANTILLES RN Bonaire relay in EG 0100, tlk on SW fqys (Oliver TX 2/14)
 11865 JAPAN RJ Tokyo in EG 1510, nx, JP lang lesson, DX pgm, g (Carson OK 3/1)
 11870 NORWAY RNI in NO 1513, tlk on Winter Olympics, ID, IS, f-g (Lamb NY 2/17)
 11875 JAPAN RJ Tokyo in JP 0834, traditional JP mx, into PT 0900 (Pappas SD 2/26)
 11890 OMAN R Oman in AR 1900-2038, chimes ID, nx, //9735 (Orr VA, Hankison KS 2/15)
 11905 TAIWAN CBCS Taipei in CH 1640, CH opera, ID, orch, nx (Paszkiwicz WI 2/10)
 11910 HUNGARY R Budapest in EG 0300, nx, press review, "Magazine 90", gypsy mx, tlk on
 privatization in Hungary (Carson OK 2/26, Lamb NY 2/26, Robertson CA 2/16)

11915 BRAZIL R Gaucha Porto Alegre in PT 0811, ID's, fqys, ads, f (Lamb NY 2/8)
 11940 BOTSWANA VOA relay in EG 0310, nx, ID, sked, mx by Alabama (Hankison KS 2/8)
 11940 SINGAPORE SBCC in EG 1350, Elton John, wx, ID, nx, f (Boulden CA 2/8)
 11940 JORDAN RJ in AR *0600, nx?, ID 0605, speech, trad AR mx, f-g (Jordan PA 2/20)
 11940 ROMANIA RRI in EG 0400, IS, ID, nx, QRM from co-channel VOA, p (Carson OK 2/26)
 11950 COBA RHC in EG 0130-0235, nx, DX pgm (Unruh WA 2/12, Flynn OR 2/16)
 11955 SINGAPORE BBC relay in EG 1844, interview, features (Park HI 2/28, Lamb 2/9)
 11960 MALI RIV Malienne in FR 0855, lcl mx, ID, into vernacular 0904, g (Lamb 2/20)
 11980 GUAM AWR in EG 1635, Biblical archeology pgm, mx, sermon, annct of AWR's plans to best from Russia (Stolberg MN 2/15, Hankison KS 2/9)
 12000nf JORDAN RJ Amman in AR 0600, pips, ID, //11940, AR mx, tlks (Orr VA 2/17)
 12005 FRANCE RFI Plus Afrique in FR 0523, Bette Midler mx, ID's nx, vg (Lamb NY 3/4)
 12035 SWITZERLAND SRI in EG 0420, Swiss mx on tape, mailbag, f-g (Unruh WA 2/16)
 13605 AUSTRALIA RA in EG 1620, world nx, cmntry, g, //13755 (Klinck NY 2/12)
 13630usb COSTA RICA RFPI in EG 0430, criticism of US press as propagandists (Oliver TX 3/1)
 mailbag, ID, G. Hauser SWL pgm (Lamb NY 2/26, Carson OK 3/9)
 13650 NO KOREA R Pyongyang in EG 2320, cmntry, choral mx, ID, f (Carson OK 2/25)
 13666nf ITALY VO Europe in EG 2110, continuous pop mx, ID, address, p (Alexander PA 2/25)
 in EG 1130, rock/pop mx, ID's, QTH Pordenone, Italy, p (Berg MA 2/16)
 13675 UNITED ARAB EMIRATES Dubai in EG 0345, "Arabic Books of Technology" (Hankison KS)
 13770 NETHERLANDS RN Flevo in EG 1450, "Media Network", radio in Russia (Carson OK 2/27)
 13780 MONGOLIA R Ulan Bator in EG 1445, IS, IS, nx, QRM from D Welle (Clar NY 2/11)
 15009v VIETNAM VO Vietnam in EG *1900-1927*, ID, fqys, nx, press review, mx (Lamb 2/15)
 in IN 1434, tlk (Klinck 2/18) in CH 2215 (Hankison 2/15) in FR 1830 (Clar 2/15)
 15030 CHINA CPBS-2 Beijing in EG 2315, panning US for treatment of Cuba (Oliver 2/20)
 15050 INDIA AIR in EG 1100*, lcl mx, ID, press review, nx, f-g (Lamb NY 2/8)
 15095 SYRIA R Damascus in EG 2025+, nx, ID, AR mx (Oliver TX, Clar NY, Burkhardt CO)
 15095 ISRAEL Kol Israel in AR 1820, AR mx, ID, nx?, tlks, //15480 (Jordan PA 2/25)
 151152 NO KOREA R Pyongyang in EG 0048*, EG lang sked prior to s/off (Terrence NY 2/13)
 15120 SRI LANKA SLBC in EG 1955-2125*, mailbag, ID, address, fqys, chants, lcl mx, f (Jordan PA 2/25, Orr VA, Tucker GA 2/11, Durden GA 2/22)
 15120 INDIA AIR in EG 1455, nx, sked, s/off 1500, exc (Durden GA 2/9)
 15120 SEYCHELLES FEBA in Farsi 1800, xylophone IS, ID's, relig pgm (Alexander PA 2/9)
 15125 TAIWAN BCC China in CH 0058, CH mx, ad blocs, long tlk, p (Orr PA)
 15140 YUGOSLAVIA RY in EG 1956*, nx, sports, "Pop Flash", fqys, f (Lamb NY 2/15)
 15160 SOUTH AFRICA RSA in EG 1744, features, mailbag (Clar NY 2/14, Park HI 2/22)
 15171 FRENCH POLYNESIA RFO Tahiti in FR 0821, island mx, ID (Lamb NY, Hankison KS)
 15195 GERMANY VOA relay Munich in EG 0830, site ID, rock mx, f-p (Lamb NY 2/8)
 15200 SEYCHELLES FEBA in Farsi 0320-0331*, tlk, ID, IS (Paszkiwicz WI 2/11)
 15205 UNITED KINGDOM VOA relay in EG 1615, "On the Line" tlk on N/S Korea (Tucker GA)
 15215 PHILIPPINES VOA relay in KR 2138, nx, ID (Orr VA) in JP 2300 (Hankison KS 2/15)
 15215 PORTUGAL R Free Europe in RM 1740, interview, weak but clear (Flynn OR 2/17)
 15220 TURKEY VO Turkey in TK 0520, mx, ID, nx, //9665 (Tucker GA 2/15)
 15230 SOUTH AFRICA RSA in EG 0425, pop mx, ID, polit speech, g (Unruh WA 2/16)
 15250 JAPAN RJ Tokyo in EG 0835, Grand Sumo tournament from Osaka, g (Park HI 3/10)
 15250 SRI LANKA VOA relay in EG 0120+, nx, "VOA Tuesday Morning" (Clark ONT, Boulden CA)
 15255 BANGLADESH RB in lang/EG 1245, flute mx, ID, sked, f w/het (Hardester NC 3/1)
 15305nf NEW ZEALAND RNZ in EG *1856-1915, test xmsn w/IS, nx, very weak (Alexander 2/8)
 15310 CYPRUS BBC relay in EG 0105, ID, "Outlook" w/feature on Tito, f (Lamb NY 3/5)
 15320 TAIWAN CBCS Taipei in CH 1635, drama, ID, severe jamming, NA 1700 (Orr VA 2/17)
 15325 FR GUIANA R Japan relay in EG 0305, nx, sked, feature (Unruh WA, Hardester NC)
 15325 SEYCHELLES FEBA in AR 0430*, relig tlk, Mozart mx, IS, g (Lamb NY 2/12)
 15350nf ECUADOR HCUBJ in SP 1758*, relay domest pgm, ID in EG, annct 15270? (Newman 2/14)
 15380 SINGAPORE BBC relay in EG 0201, "Newsdesk", ID, f (Lamb NY 3/5)
 15400 FINLAND RF in EG 1450, tlk on Finnish welfare system (Durden GA 2/9)
 15420 SEYCHELLES BBC relay in EG 0401, nx, "Waveguide", "Network Africa" (Lamb 2/12)
 15425 AUSTRALIA ABC Perth in EG 0125, lcl wx, TC, sports (Feeley GA 3/2)
 15425 SRI LANKA SLBC in EG 0112+, relig pgm, ID's, nx (Paszkiwicz WI 2/17, Orr VA)
 15430 SWITZERLAND SRI in EG 1558, "Two Bobs" pgm, mailbag, mx, ID (Stolberg MN)
 15430 SAUDI ARABIA BSKA in Scmal(p) 0359, IS, ID, chants, mx, vg (Lamb NY 2/26)
 15435 UNITED ARAB EMIRATES Dubai in EG 0333, nx, ID, feature on cookbooks (Lamb 2/26)
 15445nf? IRAQ R Baghdad in AR 0040-0112*, AR mx, brief tlks, ID 0057, group vocals, nx, //11830, fqy annctms (Jordan PA 2/19, Clar NY 2/17)
 15445 BOTSWANA VOA relay in EG 1900, world nx, site ID, "African Panorama", g (Orr VA)
 15450 AUSTRIA RAI in EG 0848, nx re Austrian wine industry, cmntry, g (Lamb NY 2/6)
 15475 GABON Africa #1 in FR 1604+, lcl and pop mx (Klinck NY 2/28, Stolberg MN)
 15540 BELGIUM RTB Francaise in FR 1705, nx, daily svce to Europe, f-g (Klinck NY 2/28)

15575 SO KOREA RK in EG 0245, nx, ID, fqys, into KR 0300 (Terrence NY, Hankison KS)
 15575 CYPRUS BBC relay in EG 0901, ID, nx, financial rpts, f-p (Lamb NY 2/29)
 15610 GUAM AWR in EG 2305-0010, relig mx, ID (Burkhardt CO, Carson OK, Feeley GA 3/4)
 15615 ISRAEL Kol Israel in HB 2230, back on std fqy with tlks in HB (Oliver TX 2/18)
 17525 VATICAN STATE VR in VT *1415, ID, relig pgm, //15090 (Durden GA 2/9)
 17595 MOROCCO RTVM in EG 1700*, ID's, nx, pop mx, tlk (Alexander PA, Tucker GA 2/24)
 17650 FRANCE RFI in EG 140, "Club 9516" - pen pal letters (Durden GA 2/9)
 17690 LITHUANIA R Vilnius in EG 0015, cmntry on crime rate in Lithuania (Feeley GA 3/5)
 17690 UKRAINE R Kiev in EG 0120, vocals, town meeting type pgm, nx (Jordan PA 2/18)
 17725nf? SYRIA SBSCS in AR 1950, AR pop mx, cmntry, ID 2003, exc (Orr VA)
 17730 BRAZIL Swiss R relay in EG 0216, "Dateline", "Swiss Merry-Go-Round" (Carson 2/23)
 17740 YUGOSLAVIA RY in EG 1236, ID's, tlks re current condx, rock(Klinck NY, Tucker GA)
 17745 ALGERIA R Algiers in EG 1705, nx, ID, pops, sports(Westdal CA 3/5, Flynn OR 2/17)
 17770 NEW ZEALAND RNZ in EG/Maori 0454, island mx, pips, ID, f-g (Robertson CA 2/14)
 17815 SO AFRICA RSA in FR 0540, EG lesson, ID, mx, //15365 (Lamb NY, Paszkiewicz WI)
 17870 SWEDEN RS in EG 1543, tlk abt US beer ad featuring bikini teen (Davis OH 2/15)
 17960 IRAQ Rep of Iraq Radio in AR 1940, tlks, mx, cmntry, ID 1948 (Orr VA)
 21455usb ECUADOR HCJB in EG 0300, nx, "Musical Mailbag", DX pgm (Park HI, Tucker GA 2/23)
 21490 AUSTRIA RAI in GM 1434, ID, waltz mx, fqys, nx, "Blue Danube" IS (Pappas SD 2/18)
 In GM/FR 1618, mx, ID, tlk, into FR 1630 (Tucker GA 2/24, Stolberg MN 2/22)
 21500 SWEDEN RS in EG 1552-1558*, "Sounds Nordic", f w/QRM, //17870 (Flynn OR 2/16)
 21505 SAUDI ARABIA BSKSA in AR 1425+, Qu'ran recit, ID, AR mx (Durden GA, Pappas SD)
 21525 AUSTRALIA RA in EG 0354, IS, interview, fqys, ID, nx, f (Lamb NY 3/4)
 21535 ITALY RAI in IT 1430, sports event from stadium, ID, //21515 (Durden GA 2/9)
 21545 CANADA RCI in EG/RS *1500, ID, into RS 1530, //17820 (Pappas SD 2/28)
 21550 FINLAND RF in EG 1419, nx, wx, "Faith in Finland" (Lamb NY 2/22, Davis OH 2/15)
 21555 SPAIN REE in SP 1435, ID, tlk on future of Mediterranean Monk Seal (Durden 2/9)
 21580 PHILIPPINES R Pilipinas in EG 0230, lcl nx, mx pgm (Burkhardt CO, Paszkiewicz WI)
 21580 FRANCE RFI in FR 1632, rap mx w/tlk, ID 1639, mx (Tucker GA 2/24)
 21625 MOROCCO VOA relay Tangier in EG 2120, nx, ID, "This Day in History" (Lamb 2/6)
 21655 PORTUGAL R Portugal San Gabriel in PT 1445, sports, ID, //17745 (Durden GA 2/9)
 21715 HONGKONG BBC relay in EG 0503, nx, "Recording of the Week", f (Lamb NY 2/24)
 21810 BELGIUM BRT in EG 1401, nx, wx, press review, "Belgium Today", g (Lamb 2/13)
 25730 NORWAY RNI in NO 1230, nx, tlk features, ID's in EG, mx, f-g (Jordan PA 2/18)
 25850 FRANCE RFI in FR *1515, ID, nx, African mx, rock mx, vg (Lamb NY 2/22)

CLANDESTINE STATIONS

6750 R Venceremos (El Salvador) SP 0223 (Feeley GA 3/2, Hardester NC, Alexander PA)
 7100 A Voz do Galo Negro (Angola) PT 2113 (Orr VA)
 9700 A Voz do Galo Negro (Angola) PT 0600 (Orr VA) *0400 in PT (D'Angelo PA 2/9)
 114697 Freedom Flag of Iran (Egypt?) Farsi 0423 (Peck/Bianco NY 2/22)
 15280 Voice of China (Taiwan) CH *2100 - ex Voice of June 4th slot (Berg MA 3/1)
 15565nf Freedom Flag of Iran EG/Farsi *0329 (Alexander PA 3/1)

PIRATE STATIONS

62048 Radio Fax (Ireland) 0720 (Klinck NY 2/23)
 6911 R Dublin International (Ireland) 0454 (Orr VA)
 7413 CSIC 0248 (Frodge MI 2/23) Radio USA 2245 (Alexander PA 2/22)
 7415 CBOR 0528 (Frodge 2/14) WSKY - New York address (Karcheski MA 2/2, Berg MA 2/9)
 Voice of Bono *0205 (Karcheski 2/9, Berg 2/9) CPR Pirate 0115 (Terrence NY 2/13)
 Voice of Purple 0317 (Field MI 3/1) WGOB Conservative Radio (Field 3/1) Voice of
 the Night 0325 (Feeley GA 3/4) 0035 (Terrence 3/1, Frodge 3/1) Voice of Anarchy-
 Chicago 0145 (Hankison KS 2/16) 0215 (Frodge 2/15) WAZU Wazoo R 2206(Frodge 2/15)
 R Chaos Int'l 0257 (Peck NY 3/2) 0439 (Lamb NY 3/2) VO Rubber Chicken 0211* (Har-
 dester NC 2/16) VO Shake Rag, GA 0332 (Frodge MI 2/22) KXKVI Interplanetar Radio
 0438 (Frodge 2/22) Action Radio 0340 (Frodge 2/24)
 7417 Radio EXP 0347 (Frodge 2/24) WRNR, Huntsville, AL 0228 (Frodge 2/28)
 7418 Voice of Anarchy, Chicago 0208* (Hardester NC 2/16) WARI Alternative Radio Int'l
 0500 (Frodge 2/22)
 7421 WORK, Wellsville, NY 0156* (Frodge 3/1)
 7550 WSKY, Wellsville, NY 0229-0403 (Frodge 2/15)
 15050 RFM, Blue Ridge Summit, PA 2209-2233* (Hardester NC 2/16)

English Schedules

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Thanks to Arnie Coro (RHC), George Jacobs (DC), Tetsuya Kondo (Japan), Adam Lock (WWCR), and Jonathan Marks (RN).

Notes

Cuba: On March 17 R Havana moved to 11970, from 11950, to escape heavy co-channel interference from a Ukranian transmitter carrying RMWS and R Ukraine programming. There will be a special test broadcast May 1 and 2 (and possibly a few days thereafter) on 25800 kHz at 20-21 UT in celebration of RHC's 31st anniversary. It will be a 5 kw transmitter into an omni-directional antenna. Special QSLs will be issued.

Japan: *DX Corner* celebrates its 10 anniversary this month, and the program will be renamed *Media Roundup*. Its focus will expand beyond hobbyist DXing to include media and satellite news. From mid-March, the new presenter is Ms. Hiromi Ito.

Int'l Red Cross: The new schedule for March-August hasn't been decided due to the significant changes in the SRI programming and transmission schedules that took effect March 29. For the moment, the only publicized releases are 1100-1240 and 1700-1840 to Europe on 7210 kHz.

USA: From Upton, KY, the gospel music station "The Voice of the World" WJCR came on the air March 15 with a big signal. Gleaned from a telephone call, the initial broadcast was made at reduced

power (estimated 10 kw). The rhombic is aimed at Jerusalem. WJCR expects to operate 24 hours a day on 7490 kHz. The second transmitter is expected the week of April 20 or 27.

Quickies

The SLBC wNA service, as it turns out, is only one day a week, Monday evening in NA. Austria's *Shortwave Panorama* has some new air times, including Su 0330 and 1030 UT. R Kiev changed its name to R Ukraine. At WWCR, the decision to move from 7435 to 5920 kHz - despite all the late March publicity to the contrary - has been postponed for at least 3 to 4 weeks. The Monday 21 UT airing of *World of Radio and Signals* may flop frequencies. I've given up on trying to track RFPI's schedule and have opted to list all frequencies as 24 hours. The R RSA changes are based upon a tentative schedule in hand. Hopefully we have the correct R New Zealand Int'l schedule; I heard four variations from three sources during March, the last on the 27th.

In Closing

Lots of changes this month, and some typing errors may have crept in as faxes from RCI and SRI were particularly difficult to read. At the time we go to press I don't know if R Tirana - who announces the wrong frequencies - is shifting the SW service for summer time. Given the state of confusion in the former USSR, it's also unclear what effect the uncoordinated shift to summer time will have on the timing of Ukraine, Vilnius and Yerevan. Look an hour earlier for all of these, if necessary.

Skywaves WAS-50 Antenna: A 50-foot horizontal antenna, center-fed via a "V" matching section and a 300-ohm balanced transmission line. It's a marvelous antenna without traps, and features wideband performance from 100 kHz to 30 MHz. We've used one for years and recommend it highly. \$79.95 (+\$5 UPS). NJ residents add 7% sales tax. For information, send a business-size SASE or download the catalog from the Pinelands RBBS (609-859-1910).

English Language Schedules
 By Start Time, Changes entered between
 2/29/92 and 3/27/92
 Compiled by Thomas R. Sundstrom, W2XQ

Start Time (UTC)	End Time (UTC)	Country	Station	Freq. #1	Freq. #2	Freq. #3	Freq. #4	Freq. #5	Freq. #6	Freq. #7	Freq. #8	Target Area	Notes	Record Last Updated
0000	2400	Costa Rica	R for Peace Int'l	21465	15030	13630	7375					LA/NA	#1&4 USB	3/27/92
0000	0200	Cuba	R Havana	11970								e&cNA		3/15/92
0000	0030	Lithuania	R Vilnius	17690	17605							NA		3/8/92
0000	0030	Norway	R Norway Int'l	15165								NA/CA	Su & Mo only	3/26/92
0000	0100	USA	VOA/E AS	17820	17735	15290	15185	11760	9770	7120		eAS/seAs/Pac		3/26/92
0000	1000	USA	WWCR/1	7435										3/27/92
0000	0100	Russia	R Moscow	21790	21625	17890	17655	17610	17570	15480	11965	World Service		3/4/92
0000	2400	USA	WJCR	7490								neNA/Eu/ME		3/15/92
0000	0030	Switzerland	Swiss R Int'l	17730	12035	9885	9650	6135				NA	#1 v Brazil	3/26/92
0030	0125	Netherlands	R Netherlands	13700	11830	11655	9860	6165	6020			sAS/eNA	#2&5 Bon #3&4 Mad	3/27/92
0030	0000	Yugoslavia	R Yugoslavia	11870								eNA/cNA		3/26/92
0100	0150	Germany	R Deutsche Welle	15105	13770	13610	11865	11810	9700	9565	6145	NA	#5 Sri Lanka/#6 Can	3/26/92
0100	0200	Japan	R Japan	17845	17835	17810	15195	11840	5960			GOS/Asia/NA		3/26/92
0100	0130	Norway	R Norway Int'l	9615								NA/CA	Su & Mo only	3/26/92
0100	0300	USA	VOA/S AS	21550	17740	15250	11705	9740	7205	7115		sAS		3/26/92
0100	0200	Ukraine	R Ukraine	17690	13670	11950	11770	9870	9685	9640		NA/Eu		3/26/92
0100	0200	Russia	R Moscow	21790	21625	17890	17655	17610	17570	15480	11965	World Service		3/24/92
0130	0200	Austria	ORF	13730	9875							NA		3/26/92
0130	0150	Finland	R Finland	15185	11755							NA	Sa -0145	3/26/92
0130	0200	Yugoslavia	R Yugoslavia	11870								eNA/cNA		3/26/92
0130	0225	Netherlands	R Netherlands	13700	11655	9860						sAS		3/26/92
0200	0300	Cuba	R Havana	13700	11970							c&eNA	#2&3 v Madagascar	3/27/92
0200	0250	Germany	R Deutsche Welle	15560	15235	11965	11945	9690	9615	7285		sAS		3/15/92
0200	0300	Hungary	R Budapest	11910	9835	6110						NA		3/26/92
0200	0230	Norway	R Norway Int'l	11905								NA		3/27/92
0200	0230	Switzerland	Swiss R Int'l	12035	9885	9650	6135					NA	Su & Mo only	3/26/92
0200	1100	USA	WWCR/2	5935										3/27/92
0200	0300	Russia	R Moscow	21790	21625	17890	17655	17610	17570	15480	15230	World Service		3/4/92
0230	0300	Albania	R Tirana	11825	9580							NA		3/8/92
0230	0325	Netherlands	R Netherlands	13700	11655	9860						sAS	#2&3 v Madagascar	3/27/92
0300	0350	Germany	R Deutsche Welle	15205	13770	13610	11890	11810	9700	9640	6145	NA		3/26/92
0300	0330	Japan	R Japan	21610	17825	17810	15325	11870	5960			GOS/NA/CA/LA/Asia	#4 Ft Guinea	3/26/92
0300	0400	USA	VOA/AF	21600	17715	15115	11940	11835	9575	7405	7265	Africa		3/26/92
0300	0400	Russia	R Moscow	21790	21625	17890	17655	17610	17570	15230	11735	World Service		3/4/92

0300	0350	Turkey	V of Turkey	9445	NA	3/27/92
0300	0400	Honduras	HRPC	3250	Americas	2/29/92
0300	0400	Cuba	R Havana	13700 11970 6180	c&eNA/Caribbean	3/15/92
0300	0400	USA	WRNO	7395	NAC/A	3/26/92
0300	0330	USA	VOA/ME	17895 17810 15160 11905 5965	ME/NA/EU	3/26/92
0300	0515	Bulgaria	R Sofia	15160 11765 11720	World Service: NA/Al	3/27/92
0330	0400	Albania	R Tirana	11825 9580	NA	3/8/92
0330	0400	Japan	R Japan	17810 11870	GOS/Asia/NA	3/26/92
0330	0425	Netherlands	R Netherlands	9590 6165	wNA	3/26/92
0350	0400	Armenia	R Yerevan	17690 17605 11860	NA	3/7/92
0400	0430	Canada	R Canada Int'l/EU	11905 9650	Eu	3/26/92
0400	0430	Canada	R Canada Int'l/ME	15445 15275	ME	3/26/92
0400	0500	Cuba	R Havana	11970 11760 6180	eNA	3/15/92
0400	0450	Germany	R Deutsche Welle	13770 13610 11765 11705 9765 9565 7225 7150 s&c&eAl/ME	wE/wNA	3/26/92
0400	0415	Israel	Kol Israel	11588	wNA	3/26/92
0400	0430	Norway	R Norway Int'l	11865 9560	wNA	3/26/92
0400	0500	South Africa	Radio RSA	15230 15210 7270	e&c&sAl	3/27/92
0400	0430	USA	VOA/Al	21600 17715 15115 11940 11835 11780 9575 7405 Africa	e&c&sAl	3/26/92
0400	0500	USA	VOA/ME	7200 7170 6040 5995	ME/NA/EU	3/26/92
0400	0500	Russia	R Moscow	21790 21625 17890 17655 17610 17570 15545 15470 World Service	World Service	3/4/92
0445	0515	Sri Lanka	SLBC	15425 9720	wNA	3/26/92
0500	0550	Germany	R Deutsche Welle	13790 13610 11925 11705 9670 9515 6130 5960 NA	GOS/As/ME/NA/Oceania	3/26/92
0500	0800	Japan	R Japan	21610 17860 17825 17810 17765	ME/NA/EU	3/26/92
0500	0600	USA	VOA/ME	15205 11825 9700 9670 7200 7170 6060 6040	ME/NA/EU	3/26/92
0500	0530	Vatican State	Vatican Radio	21790 21625 17890 17655 17610 17570 15545 15470 World Service	e&sAl/EU	3/26/92
0515	0800	Canada	R Canada Int'l/Al	17640 11775	Al	3/8/92
0600	0650	Germany	R Deutsche Welle	17875 15205 15185 13790 13610 11780	wAl	3/26/92
0600	0630	Switzerland	Swiss R Int'l	21770 17585 15430	Al	3/26/92
0600	0700	USA	VOA/Al	17715 15115 11915 9575 9530 7405 6035	Africa	3/26/92
0600	0700	USA	VOA/ME	15205 11825 11805 7325 7170 6110 6060 6040	ME/NA/EU	3/26/92
0630	0655	Belgium	BRT	11695 5910	Aus/EU	3/26/92
0630	0645	Finland	R Finland	11755 9560 6120	Eu/ME/Al	3/26/92
0700	0800	Japan	R Japan	21575 17860 17810 17765 15250	GOS/As/Oc/Eu/ME	3/26/92
0730	0800	Italy	AWR Europe	7230	Eu/NA/ME	3/27/92
0730	0825	Netherlands	R Netherlands	11895 9630	Pacific	3/26/92
0730	0800	Austria	ORF	13730 6155	Eu	3/26/92
0800	0825	Finland	R Finland	21550 17800	Aus/eAs	3/26/92
0800	1206	New Zealand	R New Zealand Int'l	9700	Pacific	3/27/92
0800	0900	Portugal	AWR Europe	9670	Eu	3/27/92
0800	1000	USA	VOA Europe	21570 21455 15195 15160 11735	Eu/ME	3/26/92
0800	1000	USA	WCSN	11705	Eu	3/26/92
0800	1100	USA	WHR/Al	7355	Eu	3/26/92
0800	1000	USA	VOA/ME	21570 21455 15195 15160 11735	Caribbean	3/26/92
					ME/NA/EU	

0810	Mongolia	R Ulan Bator	12015	11850	Aus	3/27/92
0825	Finland	R Finland	17800	15245	Aus/eAs	3/26/92
0830	Austria	ORF	21490	15450	Aus/As	3/26/92
0830	Netherlands	R Netherlands	11895		Pacific	3/27/92
0845	Guam	KTRW	11805		Aus/NZ	3/26/92
0900	Belgium	BRT	13675	9905	Eu	3/26/92
0900	Switzerland	Swiss R Int'l	21770	17670	Aus/NZ	3/26/92
0930	Netherlands	R Netherlands	11895	9720	Pacific	3/26/92
1000	Guam	KSDA	11980		As	3/26/92
1000	Israel	Kol Israel	17545		wEu	3/26/92
1000	USA	VOAMME	21570	21455	ME/nAl/Eu	3/26/92
1000	USA	WCSN	15665		Eu	3/26/92
1000	USA	WWCR/1	15690			3/26/92
1020	Vatican State	Vatican Radio	15210	9645		3/26/92
1030	Italy	AWR Europe	7230			3/26/92
1030	Austria	ORF	21490	15450	ME/Eu	3/27/92
1055	Netherlands Antilles	Trans World Radio	15345	11815	Eu/nAl/ME	3/27/92
1100	Germany	R Deutsche Welle	21600	17860	Aus/As	3/26/92
1100	Mongolia	R Ulan Bator	12015	11850	eAs/NA/Carib	3/26/92
1100	Switzerland	Swiss R Int'l	21770	17670	wAl	3/26/92
1100	USA	WHRI/1	11790		Japan	3/27/92
1100	USA	WWCR/2	12160		Far East	3/26/92
1100	Russia	R Moscow	21785	17635	Caribbean	3/26/92
1130	Austria	ORF	17730	15450		3/27/92
1130	Belgium	BRT	17555		NA	3/26/92
1130	Finland	R Finland	15400		NA	3/26/92
1130	Yugoslavia	R Yugoslavia	21605	17740	Aus/NA/eAs	3/26/92
1200	Canada	R Canada Int'l/Carib	17820		Carib	3/26/92
1200	Canada	R Canada Int'l/USA	11855	9635	USA	3/26/92
1200	N Mariana Is	KHBI	13625	9425	seAs/AUS	3/26/92
1200	Norway	R Norway Int'l	21705	17860	Ind/As/Aus	3/26/92
1200	USA	WCSN	15665		Eu	3/26/92
1200	Russia	R Moscow	21785	17635		3/7/92
1230	Finland	R Finland	17880	15400	NA	3/7/92
1230	Turkey	V of Turkey	9675		swAs	3/26/92
1230	Netherlands	R Netherlands	9855		Eu	3/26/92
1300	Belgium	BRT	21810	17555	seAs/NA	3/26/92
1300	Canada	R Canada Int'l/Carib	17820		Carib	3/26/92
1300	Canada	R Canada Int'l/USA	11955		USA	3/26/92
1300	Canada	R Finland	17880	15400	NA	3/26/92
1300	Finland	R Finland	17590	17575	wEu/eu/NA	3/26/92
1300	Israel	Kol Israel	15270	9590	Al/Eu	3/26/92
1300	Norway	R Norway Int'l	21770	17670	eAs/eAs/Far East	3/26/92
1300	Switzerland	Swiss R Int'l	15505	13635	NA	3/26/92
1300	USA	WHRI/2	9465			3/26/92
0840	R Ulan Bator					
0855	R Finland					
0900	ORF					
0925	R Netherlands					
1000	KTRW					
0925	BRT					
0930	Swiss R Int'l					
1025	R Netherlands					
1100	KSDA					
1030	Kol Israel					
1100	VOAMME					
1200	WCSN					
2400	WWCR/1					
1020	Vatican Radio					
1030	AWR Europe					
1100	ORF					
1300	Trans World Radio					
1150	R Deutsche Welle					
1130	R Ulan Bator					
1130	Swiss R Int'l					
1400	WHRI/1					
1400	WWCR/2					
1200	R Moscow					
1200	ORF					
1155	Belgium					
1150	Finland					
1200	Yugoslavia					
1300	Canada					
1300	Canada					
1400	N Mariana Is					
1230	Norway					
1400	USA					
1300	Russia					
1250	Finland					
1300	Turkey					
1325	Netherlands					
1300	Belgium					
1600	Canada					
1600	Canada					
1345	Finland					
1330	Israel					
1330	Norway					
1330	Switzerland					
1600	USA					
11850	R Ulan Bator					
15245	R Finland					
15450	ORF					
9905	R Netherlands					
9635	BRT					
9720	Swiss R Int'l					
9750	R Netherlands					
9855	BRT					
11815	Trans World Radio					
11850	R Deutsche Welle					
11850	R Ulan Bator					
15505	Swiss R Int'l					
15690	WHRI/1					
15210	WWCR/2					
15400	R Moscow					
17555	ORF					
15400	Belgium					
17740	Finland					
17710	Yugoslavia					
9635	Canada					
9425	Canada					
17860	N Mariana Is					
15665	Norway					
17635	USA					
15480	Russia					
15400	Finland					
9675	Turkey					
9855	Netherlands					
17820	Belgium					
11955	Canada					
17880	Canada					
15400	Finland					
17575	Israel					
9590	Norway					
15505	Switzerland					
13635	USA					
11690						
7480						
9465						
11850	Aus					
15245	Aus/eAs					
15450	Aus/As					
9905	Pacific					
9720	Aus/NZ					
9635	Eu					
9750	Aus/NZ					
9855	Pacific					
11815	As					
11850	wEu					
15505	ME/nAl/Eu					
15690	Eu					
15210	ME/Eu					
15400	Eu/nAl/ME					
17555	Aus/As					
15400	eAs/NA/Carib					
17710	wAl					
15665	Japan					
17635	Far East					
15480	Caribbean					
15245	World Service					
13730	AS/NW/EU					
17555	NA					
15400	NA					
17740	Aus/NA/eAs					
17710	Carib					
9635	USA					
9425	seAs/AUS					
17860	Ind/As/Aus					
15665	Eu					
17635	World Service					
15480	NA					
15400	swAs					
9675	Eu					
9855	seAs/NA					
17820	Carib					
11955	USA					
17880	NA					
15400	wEu/eu/NA					
17575	Al/Eu					
9590	eAs/eAs/Far East					
15505	NA					
11690						
7480						
9465						
11850	Aus					
15245	Aus/eAs					
15450	Aus/As					
9905	Pacific					
9720	Aus/NZ					
9635	Eu					
9750	Aus/NZ					
9855	Pacific					
11815	As					
11850	wEu					
15505	ME/nAl/Eu					
15690	Eu					
15210	ME/Eu					
15400	Eu/nAl/ME					
17555	Aus/As					
15400	eAs/NA/Carib					
17710	wAl					
15665	Japan					
17635	Far East					
15480	Caribbean					
15245	World Service					
13730	AS/NW/EU					
17555	NA					
15400	NA					
17740	Aus/NA/eAs					
17710	Carib					
9635	USA					
9425	seAs/AUS					
17860	Ind/As/Aus					
15665	Eu					
17635	World Service					
15480	NA					
15400	swAs					
9675	Eu					
9855	seAs/NA					
17820	Carib					
11955	USA					
17880	NA					
15400	wEu/eu/NA					
17575	Al/Eu					
9590	eAs/eAs/Far East					
15505	NA					
11690						
7480						
9465						
11850	Aus					
15245	Aus/eAs					
15450	Aus/As					
9905	Pacific					
9720	Aus/NZ					
9635	Eu					
9750	Aus/NZ					
9855	Pacific					
11815	As					
11850	wEu					
15505	ME/nAl/Eu					
15690	Eu					
15210	ME/Eu					
15400	Eu/nAl/ME					
17555	Aus/As					
15400	eAs/NA/Carib					
17710	wAl					
15665	Japan					
17635	Far East					
15480	Caribbean					
15245	World Service					
13730	AS/NW/EU					
17555	NA					
15400	NA					
17740	Aus/NA/eAs					
17710	Carib					
9635	USA					
9425	seAs/AUS					
17860	Ind/As/Aus					
15665	Eu					
17635	World Service					
15480	NA					
15400	swAs					
9675	Eu					
9855	seAs/NA					
17820	Carib					
11955	USA					
17880	NA					
15400	wEu/eu/NA					
17575	Al/Eu					
9590	eAs/eAs/Far East					
15505	NA					
11690						
7480						
9465						
11850	Aus					
15245	Aus/eAs					
15450	Aus/As					
9905	Pacific					
9720	Aus/NZ					
9635	Eu					
9750	Aus/NZ					
9855	Pacific					
11815	As					

1300	Russia	R Moscow	21785 17635	17605 15535	15490 15280	15210 11980	World Service		#9 v Cuba 1330-	3/7/92
1330	Austria	ORF	17730 15450				AS			3/7/92
1330	Finland	R Finland	17880 15400				NA		M-F	3/26/92
1330	Netherlands	R Netherlands	21655 17605				SAS			3/26/92
1345	Mongolia	R Ulan Bator	13780 7260				India			3/27/92
1400	USA	VOA/ME	15205				ME/nA/EU			3/26/92
1400	USA	VOA/S AS	15395 9760	9645 7125	6110		SAS			3/26/92
1400	USA	WC/SN	15665				Eu		45 deg	3/26/92
1400	USA	WHRI/1	15105				Caribbean		157 deg	3/26/92
1400	USA	WRNO	15420				NA/CA		20 deg (Su only)	3/26/92
1400	USA	WSHB/1	13710				nNA/Car		25/173 deg Sa-Su	3/26/92
1400	USA	WSHB/2	17555				Mex/WNA		245/315 deg	3/26/92
1400	USA	WWCR/2	17535							3/27/92
1400	Russia	R Moscow	21750 17745	17610 15540	15480 15465	15280 11995	World Service		#9 v Cuba	3/7/92
1405	Finland	R Finland	17880 15440	11755 9730	6155		EU/ME/Air		Sa-1425	3/26/92
1415	Canada	R Canada Int'l/EU	21545 17820	17795 15325	15315 15305	11935	Eu		#2,4,5,7 Eu 3&6 M-Sa	3/26/92
1430	Albania	R Tirana	9760 7155				Eu			3/10/92
1430	Netherlands	R Netherlands	21685 17605	15150 9890			SAS		#3&4 v Madagascar	3/27/92
1430	Austria	ORF	21490 13730	11780 6155			EU/AS			3/26/92
1445	Guam	KTWR	11650				s&seAS		Su-1700	3/26/92
1500	Germany	R Deutsche Welle	21600 17765	17735 13610	11965 9735		s&c&eA/ME			3/26/92
1500	South Africa	Radio RSA	11785 9585				e&c&sAI			3/27/92
1500	Switzerland	Swiss R Int'l	21770 17670	15505 13635			ME/eAI			3/26/92
1500	USA	VOA/ME	15205 9700				ME/nA/EU			3/26/92
1500	USA	WRNO	15420				NA/CA/EU		20 deg	3/26/92
1500	Russia	R Moscow	21750 17745	17610 15540	15480 15465	15280 11995	World Service		#9 v Cuba	3/7/92
1530	Austria	ORF	11780				AS			3/26/92
1530	USA	VOA/S AS	15395 9760	9645 7125	6110		SAS			3/26/92
1530	Netherlands	R Netherlands	21685 17605	15150 9890			SAS		#3&4 v Madagascar	3/27/92
1600	Canada	R Canada Int'l/EU	21545 17820	15325 13650	11935		Eu		#3,5 v UK	3/26/92
1600	Germany	R Deutsche Welle	21680 17810	15595 15415	15105 9875	7225 6170	SAS			3/26/92
1600	Norway	R Norway Int'l	17720 15230				ME/AI		Sa & Su only	3/26/92
1600	South Africa	Radio RSA	15170				WAI			3/27/92
1600	USA	VOA/AI	21625 17800	15580 15495	15410 15195	11920 9575	Africa		157 deg	3/26/92
1600	USA	WHRI/1	13760				Caribbean		42 deg	3/26/92
1600	USA	WHRI/2	13760				NA/EU		#9 v Cuba	3/26/92
1600	Russia	R Moscow	21750 17670	15540 15450	15200 15130	11870 11850	World Service		25/173 deg Sa-Su	3/7/92
1600	USA	WSHB/1	13710				nNA/Car			3/26/92
1615	Vatican State	Vatican Radio	7250 6245				ME/nA/EU			3/27/92
1630	USA	VOA/ME	15245 15205	11855 9760	9700 6180		ME/nA/EU			3/26/92
1645	New Zealand	R New Zealand Int'l	9675				Pacific			3/15/92
1700	Guam	KSDA	13720				AS		Sa-Su 285 deg	3/26/92
1700	Israel	Kol Israel	15640 15590	11675 11587			A/EU/NA/LA			3/26/92
1700	Pakistan	R Pakistan	11570 9420				WEU			3/7/92

1700	1800	USA	VO/AI	21625	17800	15580	15495	15410	11910	9575	Africa	3/26/92	
1700	1800	USA	VOA/E AS	15395	9645	9645	7125	6110			eAs/seAs/Pac	3/26/92	
1700	1900	USA	VOA/ME	15205	9760	9700	6040				ME/nAI/EU	3/26/92	
1700	1800	Russia	R Moscow	17810	17670	15415	15200	11840	11820		World Service	3/7/92	
1700	1730	Switzerland	Swiss R Int'l	21770	17835	15430	13635				ME/AI	3/26/92	
1700	1800	USA	VOA/S AS	15395	9645	7125	6110				SAS	3/26/92	
1700	1800	Netherlands	R Netherlands	21590	21515	9605	6020				s&eAI	3/27/92	
1730	1900	Bulgaria	R Sofia	15370	15160	11735	11720	9700	6035		World Service: Eu/AI	3/27/92	
1800	1825	Belgium	BRT	17555	9905						AI/EU	3/26/92	
1800	2000	N Mariana Is	KHBI	17725	9425						ME/NZ	3/26/92	
1800	2000	USA	WCSN	21545							e&sAI	3/26/92	
1800	2000	USA	WSHB/1	17510							eNA/EU	3/26/92	
1800	2000	USA	R Moscow	17810	17670	15520	15510	15395	11840	11820	11770	World Service	#6 v Cuba #9 1830-
1800	1900	Russia	R Yugoslavia	15140	6100						sAI/EU	3/26/92	
1810	1900	Yugoslavia	R Finland	11755	9730	6120					Eu/ME/AI	3/26/92	
1830	1900	Finland	R Netherlands	21590	21515	9605	6020				s&eAI	3/27/92	
1830	1925	Netherlands	R Ulan Bator	11850	11790						WEU	3/27/92	
1840	1910	Mongolia	R New Zealand Int'l	15120							Pacific	#1&2 Bon #3&4 Mad	
1850	2140	New Zealand	R Canada Int'l/EU	21675	17875	15325	13650	7325	5995		Eu	May 4 chg to 11735	
1900	1950	Canada	R Deutsche Welle	17810	15390	15350	13790	13780	11810	11785	WAI/ME	#5&6 v UK	
1900	1930	Germany	Kol Israel	17630	17575	15640	11675	11605	11587		AI/WNA/Eu/NA		
1900	1930	Israel	R Norway Int'l	21705	17860						WAI/SA/EU/NZ	Sa & Su only	
1900	1930	Norway	VOA/ME	15205	11710	9760	9700	6040	3980		ME/nAI/EU		
1900	2100	USA	R Moscow	15535	15510	11840	11770	9740	9720	9685	World Service	#3 v Cuba #6&7 1930-	
1900	2000	Russia	R Canada Int'l/EU	21675	17875	15325	13650	9670	5995		Eu	#5&6 v UK	
1930	2025	Netherlands	R Netherlands	21590	17605						WAI	v Bonaire	
1930	2000	N Mariana Is	KFBS	9465								3/27/92	
1945	2030	Bulgaria	R Sofia	15370	15160	11735					World Service: Eu/AI	3/27/92	
1950	2010	Vatican State	Vatican Radio	7250	5895						Eu	3/27/92	
2000	2100	Cuba	R Havana	17705	15330						Eu/AI/ME	#2 v Russia	
2000	2030	Switzerland	Swiss R Int'l	12035	15505	13635	9885				Eu	3/26/92	
2000	2050	Turkey	V of Turkey	9445							Eu	3/27/92	
2000	2030	USA	VOA/AI	21625	21485	17800	15580	15495	15410	15160	11820	Africa	3/26/92
2000	2200	USA	WCSN	15665							Eu/ME	60 deg	
2000	2200	USA	WSHB/1	17510							eNA/EU	25 deg	
2000	2100	Russia	R Moscow	15545	15535	15510	12070	11870	11840	11770	11695	World Service	#6 v Cuba
2030	2100	USA	VOA/AI	21625	21485	17800	15580	15495	15410	9570	Africa		
2100	2125	Belgium	BRT	9905	5910						Eu		
2100	2200	Canada	R Canada Int'l/EU	17875	15325	13650	7325	5995			Eu	#4,5 UK #3-5-2130	
2100	2150	Germany	R Deutsche Welle	15360	15350	13780	11785	9765	9670		As/Pac		
2100	2200	Hungary	R Budapest	11910	9835	6110					Eu		
2100	2200	Japan	R Japan	17840	17810	11840	11815				GOS/Oc/As		
2100	2130	Norway	R Norway Int'l	21705	17795						SA/Aus/NZ	Sa & Su only	
2100	2200	USA	VOA/AI	21625	21485	17800	15580	15495	15410		Africa		

2100	2200	USA	VOA/ME	15205	11960	11710	9760	9700	6040	ME/NA/EU	3/26/92
2100	2130	Yugoslavia	R Yugoslavia	11735	6100					Eu	3/26/92
2100	2200	Russia	R Moscow	17690	15470	15130	12070	11870	11840	World Service	3/7/92
2130	2150	Finland	R Finland	11755	9730	6120				Aus/eAs/EU/ME/AF	3/26/92
2130	2200	Israel	Kol Israel	17575	15640	15590	15100	11603	11587	LA/WNA/EU/NA	3/26/92
2140	0900	New Zealand	R New Zealand Int'l	17770						Pacific	3/27/92
2145	2400	Bulgaria	R Sofia	17825	15370	15135	11870	11720	9700	World Service; Eu/NA	3/27/92
2200	2230	Albania	R Tirana	11825	9760					Eu	3/9/92
2200	2300	China	R Beijing	9740	3985					Eu	3/7/92
2200	2230	Switzerland	Swiss R Int'l	15570	12035	9885	9810			AF	3/26/92
2200	2250	Turkey	V of Turkey	11695	9445	7185				Eu/NA/ME	3/27/92
2200	2400	USA	WCSN	15665						sEU/nAt	3/26/92
2200	2300	Ukraine	R Ukraine	9785	7380	7240				Eu	3/24/92
2200	2300	Russia	R Moscow	17690	17655	15470	15130	12070	11950	World Service	3/7/92
2200	2300	Cuba	R Havana	11930	9620					Eu/Carib/sUSA	3/7/92
2200	2230	Canada	R Canada Int'l/USA	13670	11905	9755	5960			USA	3/26/92
2200	2230	USA	VOA/ME	15445	11960	11905	11895	9530	61600	ME/NA/EU	3/26/92
2230	2400	USA	VOA/ME	17885	15445	15225	11960	11905	9530	ME/NA/EU	3/26/92
2300	2330	Canada	R Canada Int'l/Carib	13670	11730	9755				Carib	3/26/92
2300	2330	Canada	R Canada Int'l/LA	15325	11940					LA	3/26/92
2300	0100	Guam	KSDA	15610						seAs	3/26/92
2300	2400	Japan	R Japan	17840	17810	15195	11815	11735		GOS/As/Eu/ME/AF	3/26/92
2300	2330	Norway	R Norway Int'l	11795						NA/CA	3/26/92
2300	0300	USA	WRNO	7355						NA/CA	3/26/92
2300	2400	Russia	R Moscow	21790	17890	17655	17610	17570	15480	World Service	3/26/92
2330	2355	Belgium	BRT	13655	9930					SA/NA	3/26/92
2330	0030	Canada	R Canada Int'l/USA	13670	9755	5960				USA	3/26/92
2330	2400	Sri Lanka	SLBC	15425						wNA	3/26/92

#6 v Cuba

#1 Rus/#2 Swiz -2230

75 deg

6045 v Cuba -04

#1 v Russia

Sa&Su -2400

255 deg

#5 v Gabon

Sa & Su only

Spanish Tu-F

Sa&Su -0100/#1 M-F

Mo

English Language DX Shows

By Day of Week

Changes Entered between 2/29/92 and 3/27/92

Compiled by Thomas R. Sundstrom, W2XQ

Day	Program	Xmsn Show Time Start	Country	Station	Freq. #1	Freq. #2	Freq. #3	Freq. #4	Freq. #5	Freq. #6	Freq. #7	Freq. #8	Freq. #9	Freq. #10	Program Notes	Record Last Updated
Sunday	DXers Unlimited	0300	Cuba	R Havana	13700	11970	6180									3/7/92
Sunday	DX Log	0200	Hungary	R Budapest	1910	9835	6110									3/27/92
Sunday	DX Corner	1900	Israel	Kol Israel	17630	17575	15640	11675	11605	11587						3/26/92
Sunday	DX Corner	2130	Israel	Kol Israel	17575	15640	15590	15100	11603	11587						3/26/92
Sunday	Media Roundup	0330	Japan	R Japan	7810	11870										3/26/92
Sunday	Media Roundup	0900	Japan	R Japan	21610	17860	15270	11840								3/26/92
Sunday	Media Roundup	1500	Japan	R Japan	11865											3/26/92
Sunday	Media Roundup	2100	Japan	R Japan	17840	17810	11840	11815								3/26/92
Sunday	AWR DX Program	0800	Portugal	AWR Europe	9670											3/27/92
Sunday	DX Spot	0100	Spain	R Exterior de Espana	9530											2/29/92
Sunday	DX Spot	0000	Spain	R Exterior de Espana	9530											2/29/92
Sunday	SW Merry-Go-Round	0400	Switzerland	Swiss R Int'l	13635	12035	9885	6135								3/26/92
Sunday	SW Merry-Go-Round	0200	Switzerland	Swiss R Int'l	12035	9885	9650	6135								3/26/92
Sunday	World of Radio	2300	USA	WRNO	7355											3/27/92
Sunday	World of Radio	1400	USA	WRNO	15420											3/27/92
Sunday	Signals	0000	USA	WWCR/1	7435											3/27/92
Sunday	World of Radio	0000	USA	WWCR/1	7435											3/27/92
Sunday	World of Radio	0000	Costa Rica	R for Peace Int'l	21465	15030	13630	7375								3/27/92
Sunday	World of Radio	0000	Costa Rica	R for Peace Int'l	21465	15030	13630	7375								3/27/92
Sunday	DX Radio Tips	0300	Turkey	V of Turkey	9445											3/27/92
Sunday	Signals	1000	USA	WWCR/1	15690										Biweekly subject to bumping	3/27/92
Sunday	DX Corner	1300	Israel	Kol Israel	17590	17575	15650	15640	11605	11587						3/26/92
Sunday	Shortwave Panorama	1030	Austria	ORF	21490	15450										3/26/92
Sunday	SW Merry-Go-Round	0000	Switzerland	Swiss R Int'l	17730	12035	9885	9650	6135							3/26/92
Monday	Radio World	0900	Belgium	BRT	13675	9905										3/26/92
Monday	Radio World	1300	Belgium	BRT	21810	17555										3/26/92
Monday	Radio World	0630	Belgium	BRT	11695	5910										3/26/92
Monday	Media Roundup	0100	Japan	R Japan	17845	17835	17810	15195	11840	5960						3/26/92
Monday	Mailbag	2140	New Zealand	R New Zealand Int'l	17770										biweekly	3/27/92
Monday	World of Radio	1000	USA	WWCR/1	15690											3/27/92
Monday	World of Radio	0000	Costa Rica	R for Peace Int'l	21465	15030	13630	7375								3/27/92
Monday	Signals	0000	USA	WWCR/1	7435											3/27/92
Monday	Crossband	0000	USA	WWCR/1	7435											3/27/92

Monday	World of Radio	0000	0500	USA	WWCR/1	7435				3/27/92	
Monday	Signals	1400	2105	USA	WWCR/2	17535				3/27/92	
Monday	Shortwave Panorama	0330	0330	Austria	ORF	13730	9870			3/26/92	
Monday	R Sofia Calling	1730	1830	Bulgaria	R Sofia	15370	15160	11735	11720	9700	6035
Tuesday	DX News	2100	2130	Hungary	R Budapest	11910	9835	6110			
Tuesday	World of Radio	0000	1930	Costa Rica	R for Peace Int'l	21465	15030	13630	7375		
Wednesday	DX Log	2100	2130	Hungary	R Budapest	11910	9835	6110			
Wednesday	DX News	0200	0230	Hungary	R Budapest	11910	9835	6110			
Wednesday	World of Radio	0000	0330	Costa Rica	R for Peace Int'l	21465	15030	13630	7375		
Wednesday	R Sofia Calling	2145	2245	Bulgaria	R Sofia	17825	15370	15135	11870	11720	9700
Thursday	DX Log	0200	0230	Hungary	R Budapest	11910	9835	6110			
Thursday	Media Network	1930	1950	Netherlands	R Netherlands	21590	17605				
Thursday	Media Network	1730	1750	Netherlands	R Netherlands	21590	21515	9605	6020		
Thursday	Media Network	1530	1550	Netherlands	R Netherlands	21665	17605	15150	9890		
Thursday	Media Network	1330	1350	Netherlands	R Netherlands	21655	17605				
Thursday	Media Network	1230	1250	Netherlands	R Netherlands	9855					
Thursday	Mailbag	0800	0830	New Zealand	R New Zealand Int'l	9700					
Thursday	Media Network	0130	0150	Netherlands	R Netherlands	13700	11655	9860			
Thursday	R Sofia Calling	0300	0445	Bulgaria	R Sofia	15160	11765	11720			
Thursday	DX News	2100	2130	Hungary	R Budapest	11910	9835	6110			
Friday	DX News	1850	1930	New Zealand	R New Zealand Int'l	15120					
Friday	Mailbag										
Friday	World of Radio	1400	2130	USA	WWCR/2	17535					
Friday	Radio Ham Corner	2100	2120	Yugoslavia	R Yugoslavia	11735	6100				
Friday	Radio Ham Corner	1830	1850	Yugoslavia	R Yugoslavia	21605	17740	17710			
Friday	Radio Ham Corner	1130	1150	Yugoslavia	R Yugoslavia	21465	15030	13630	7375		
Friday	World of Radio	0000	2000	Costa Rica	R for Peace Int'l	13700	11655	9860			
Friday	Media Network	0230	0250	Netherlands	R Netherlands	15370	15160	11735			
Friday	R Sofia Calling	1945	2000	Bulgaria	R Sofia	17825	15370	15135	11870	11720	9700
Friday	R Sofia Calling	2145	2230	Bulgaria	R Sofia	13675	9905				
Saturday	Radio World	0900	0905	Belgium	BRT	21810	17555				
Saturday	Radio World	1300	1305	Belgium	BRT	17555	9905				
Saturday	Radio World	1800	1805	Belgium	BRT	9905	5910				
Saturday	Radio World	2100	2105	Belgium	BRT	13655	9930				
Saturday	Radio World	2330	2335	Belgium	BRT	11695	5910				
Saturday	Radio World	0630	0635	Belgium	BRT	11910	9835	6110			
Saturday	DX News	0200	0230	Hungary	R Budapest	11910	9835	6110			
Saturday	DX Log	2100	2130	Hungary	R Budapest	11910	9835	6110			
Saturday	SW Merry-Go-Round	2000	2015	Switzerland	Swiss R Int'l	21035	15505	13635	9885		
Saturday	SW Merry-Go-Round	1300	1315	Switzerland	Swiss R Int'l	21770	17670	15505	13635	11690	7480
Saturday	SW Merry-Go-Round	1500	1515	Switzerland	Swiss R Int'l	21770	17670	15505	13635		
Saturday	DX Radio Tips	2200	2220	Turkey	V of Turkey	11895	9445	7185			

Saturday	DX Radio Tips	2000	2020	Turkey	V of Turkey	9445	3/27/92
Saturday	Radio Ham Corner	0030	0050	Yugoslavia	R Yugoslavia	11870	3/26/92
Saturday	Radio Ham Corner	0130	0150	Yugoslavia	R Yugoslavia	11870	3/26/92
Saturday	World of Radio	0000	0400	Costa Rica	R for Peace Int'l	21465 15030 13630 7375	3/27/92
Saturday	World of Radio	0000	1900	Costa Rica	R for Peace Int'l	21465 15030 13630 7375	3/26/92
Saturday	SW Merry-Go-Round	0600	0615	Switzerland	Swiss R Int'l	21770 17565 15430	3/26/92
Saturday	SW Merry-Go-Round	0900	0915	Switzerland	Swiss R Int'l	21770 17570 13685 9560	3/26/92
Saturday	SW Merry-Go-Round	1700	1715	Switzerland	Swiss R Int'l	21770 17835 15430 13635	3/26/92
Saturday	SW Merry-Go-Round	2200	2215	Switzerland	Swiss R Int'l	15570 12035 9885 9810	3/26/92
Saturday	R Sofia Calling	0300	0445	Bulgaria	R Sofia	15160 11765 11720	3/27/92

FOR SALE: One 1990-91 James Military Communications Catalog, 11th edition, 886 pages with soft cover. Original price \$70.00. Will sell for \$50.00 or best offer. Dan Cashin, 1335 Harrington Road, Havertown, PA 19083. Phone (215) 446-7831 after 5 pm Mon., Wed., Thur., and Fri. Will consider trade for SW accessories too.

FOR SALE: Nordmende Globetraveler Pro. LW/MW/FM/1500-4000 kHz and 10, 11, 15, 16, 19, 20, 25, 31, 40, 49, and 80 meter bands with BFO and Wide/narrow AM. Excellent condition with original manuals and schematics. Best offer. Terry Palmersheim, 1817 Grant Ave. S. #11, Renton, WA 98055-3657. Phone (206) 277-6483 00-08 UTC home or (206) 251-0700 15-23 UTC weekdays.

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WANTED: 1989 WRTH in mint condition. Please quote price delivered. R.W. Perry, c/o Gerry Dexter, RR 4, Box 110, Lake Geneva, WI 53147.

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the page

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The 1930s were a time of considerable shortwave activity in Latin America. By the end of the decade there were 32 shortwave stations officially authorized to operate in Venezuela, most of them carrying the same programming as their BCB outlet. Here are a few. As can also be seen, out-of-band operation was S.O.P. in those days.

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Jan 18/38

9:30 Pm E.S.M.

por el cual le damos nuestras expresiones gracias.

San Cristóbal 27 de Abril de 1938

Por "La Voz del Táchira".

Leandro G. G. G.

Directo

RADIO



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