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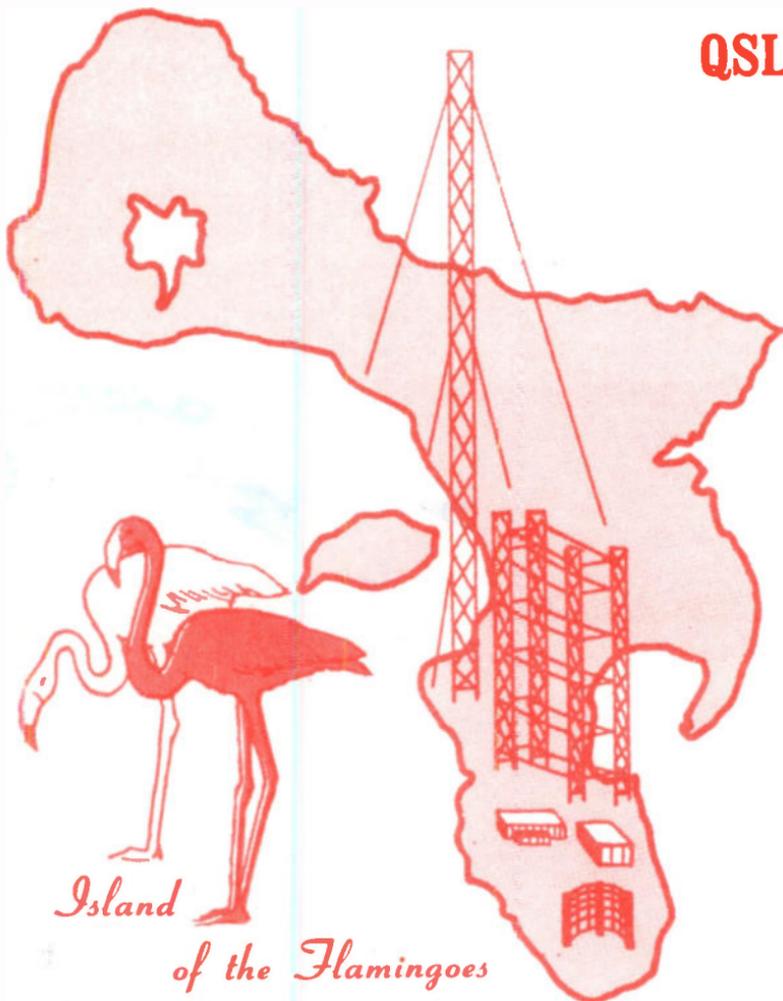
NORTH AMERICAN SHORTWAVE ASSOCIATION

Volume XXXII, Number 11

November, 1992

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QSL



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By John Zondio. This book provides a readable introduction into DXing AM, FM and TV. Topics include: propagation, seasonal conditions, equipment, antennas and reference materials. There is an excellent section on "best bits" for hearing fifty states on AM. ©1992 Universal Radio Research.

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NASWA Notes

Bob Brown KW3F
238 Cricklewood Circle
Lansdale, PA 19446
CompuServe 74756,1557
GEnie R.BROWN106
Packet KW3F @ WB3JOE



Hello again. It is 5 days before the US Presidential election and the airwaves are full of political rhetoric. One of our club members told me that he was going to vote for the candidate who promised the most new countries with VOA transmitter sites. Now that's a different twist on campaign promises! I hope you and yours have a Happy Thanksgiving.

Online With NASWA

NASWA's Steve Forrest, is representing the club with a new monthly feature on HCJB's DX Partyline called *Online With NASWA*. The first edition was broadcast October 17th and featured Dave Valko discussing Europirate DX'ing. If you have any ideas for features for our spot on DXPL please drop

Welcome to the following new NASWA members -

Steve Baggiozi, Turlock, CA
Curtis D. Ballus, Monroe, LA
Rev. Francis J. Baransky, Coaldale, PA
David W. Berman, Annapolis, MD
Julianna Bickus, Herndon, VA
Michael J. Bilec, Port Vue, PA
Michael Brooks, Carlsbad, CA
Phil Bunch, Rochester, NY
Bill Cain, Northport, MI
Charles Campbell, Dallas, TX
David Cislak, Indianapolis, IN
Richard Cooper, Waterbury, CT
Dr. J. B. Downing, Summerside, PEI,
CANADA
Rick Duering, Victoria, TX
Donald Edgerton, Boardman, OH
Harry H. Gertson, Burtonsville, MD
James Giordano, Warren, MI
Laurence Glazener, Carmel, NY
David Goldsmith, Washington, DC
Wolfgang H. Haese, Sarasota, FL
James T. Heath, Denton, MD
Wayne Hertel, Wichita, KS
Jeffrey K. Hoffman, Dayton, OH
Jean B. Jeune, Cambridge, MA
Richard A. Jones, Dayton, OH
Marc Joseph, University Hts., OH
Yasuaki Katagiri, Tokyo, JAPAN
Hiroshi Katayama, Hiroshima, JAPAN
Tsutomu Kito, Nagoya, JAPAN
Robert Knox, Camillus, NY

John J. Kulidas, Crete, IL
Michael Mansfield, Middleton, WI
Gaston Mascarenas, Tempe, AZ
Diane Mauer, Pulaski, WI
J. H. McGilvray, Hattiesburg, MS
Norm Newhall, Suffield, CT
John Niedzinski, Cherry Hill, NJ
Charles E. Olsen, San Francisco, CA
Frank V. Palmisano Sr., West Chester, OH
Armand Pelland, Bellingham, MA
Bill Rairdon, Portland, OR
Isaac Eugene Riboul, San Antonio, TX
Robert A. Riley, Palm Harbor, FL
David Rimkus, Tinley Park, IL
B. Sellier, Paris, FRANCE
Craig Shudbolt, Maplewood, NJ
Herb Shatz, Warwick, NY
Edward Shaw, Lexington, KY
Gary Shreve, St. Louis, MO
Louis Sickles, Cherry Hill, NJ
Brian C. Smith, Nassua, BAHAMAS
George W. Smith, Painesville, OH
E. Jack Stan, Ft. Myers, FL
Thor J. Steenland, Southampton, PA
Ken Swanson, Alexandria, VA
Robert J. Vance, Ft. Belvoir, VA
Mike Welsh, St. Joseph, MO
Christopher Yeats, Wichita, KS
David Yocis, Darien, CT
Donald K. Young, Honolulu, HI
Arthur Zwiebel, New York, NY

Our Motto is - "Unity and Friendship"

me a line. Thanks to HCJB for their continued service to radio enthusiasts by producing DXPL. Check out this month's English Language Schedules for times and frequencies.

There Must Be Some Misunderstanding...

Ye ol' editor seems to have created some confusion by the way I printed the changes to the names of the USSR countries on page 4 of last month's *Journal*. Don Jensen, Chairman of the Country List Committee, dropped me a line explaining the confusion. The easiest way to handle this is to let Don explain it to you himself. The letter reads:

Dear Bob: The understandable need to condense the country list info in the Oct. Journal has, perhaps, confused some people. While, I think, most people who know how the NASWA list works, or who have read the "backgrounder" in the PROCEEDINGS of several years back, won't be confused, some others may. At least I have already received several letters from folks who believe that several of the "ex-USSR" countries have been lumped together, resulting in fewer countries, overall. Of course, this is not the case. Perhaps, therefore, it should be noted in the bulletin that the "new names" are to be parenthetically added after the old name.

Thus, what was formerly the NASWA country (for radio purposes) of Armenian S.S.R. now is Armenian S.S.R. (Armenia). And more importantly, based on concerns of the letter writers who have contacted me, Asiatic R.F.S.S.R. has become Asiatic R.F.S.S.R. (Russian Republic), European R.F.S.S.R. has become European R.F.S.S.R. (Russian Republic), Karelo-Finnish S.S.R. has become Karelo-Finnish S.S.R. (Russian Republic).

So, contrary to what several NASWA members have apparently concluded, based on their letters, these remain three separate and distinct countries and have not all three been folded into one new Russian Republic. They may count all three, as before, and have not lost two countries, as they feared.

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)

Of course, the others should, in the pattern of the NASWA list, be: Azerbaijan S.S.R. (Azerbaijan), Byelorussian S.S.R. (Belarus), Estonian S.S.R. (Estonia), etc.

*Thanks for clarifying matters for NASWA members who may be confused by the Oct. report.
73, Don Jensen.*

Thank you Don for clarifying the matter. When I didn't include the parenthesis I never gave any thought that it might cause the confusion that it has. As Don mentioned in his letter, a more in-depth look at the subject of radio countries is explained in detail in an article Don wrote called "Counting Countries". The article can be found in the 1989 Fine Tuning's *Proceedings*. I highly recommend the complete five volume set of *Proceedings* (1988-1992). Price is \$19.50 ea. plus shipping. (\$4 ea. Nam, \$17 ea. Airmail elsewhere, \$5 ea. surface mail elsewhere) from Fine Tuning Special Publications, c/o John Bryant, RRT #5 Box 14, Stillwater, OK 74074.

Editor Needed

Because of some unexpected personal family obligations, Jerry Ervine cannot continue as editor of Listener's Library. Thank you Jerry for giving it a shot and we understand completely. As such, we are in need of an editor for this column. Please contact me directly if you would like to help out. In the meantime, any reviews or announcements for Listener's Library should be sent directly to me.

Winter SWL Festival

It's hard to believe that it's only 3 months until the 6th Annual Winter SWL Festival. Mark your 1993 calendar for Feb. 18-21 and plan on coming to the Kulpsville Holiday Inn in Kulpsville, PA (near Philadelphia). This event is open to all radio enthusiasts and is about as close as you're gonna get to a NASWA convention. The nice thing about The Fest is that in addition to all the NASWA members that attend, there is representation

from almost all the ANARC clubs. It's a great opportunity to mingle and learn about all aspects of radio monitoring from LW, MW, SW, VHF/UHF, Utility, etc. We've added an extra full day this year to give everyone more time to meet and talk radio. Dr. Harold Cones is working on the program and if you have any ideas or if you can volunteer to be a forum speaker, please contact him directly at 2 Whits Court, Newport News, VA 23606. Look for a registration form for The Fest in next month's *Journal*.

Musings

This column provides a forum wheras members can express comments, ideas, and thoughts about NASWA or the SW radio hobby. Please feel free to comment on anything presented this month (or previous months), or use next month's theme as a basis for your discussion. Next month's theme is - "How I got started in SWLing". The monthly theme is only used as a suggestion for discussion. Any other items of interest to members may be also submitted. Because I edit this column, I'll jump in with responses where appropriate.

Jon L. Williams, 5877 Carvel Avenue, Indianapolis, IN 46220

My most humorous DXing experience also coincides with a memorable DXing experience. One Saturday morning in July, 1972, I became the proud owner of a new Drake R4B receiver which I purchased from a local electronics store. That evening I had a date with a young lady named Anne whom I had been dating for awhile. Around 0700 UTC, I decided to return to my apartment to try out the "B". Needless to say, Anne was very unhappy that I would eschew the pleasure of her company for a radio. At 0830 UTC, I had the thrill of logging R. Fiji on 3230 kHz. Anne and, sadly, Radio Fiji are long gone, but I still have the QSL featuring the beached outrigger canoe --- and the R4B.

Tom Tabatowski, 5175 Hampton Ct., Zanesville, Ohio

This past spring/summer, while wandering around the fields and forests of Indiana and Ohio, I had plenty of time to ponder the similarities between my two hobbies, shortwave DXing and birding. To the uninitiated, both hobbies might seem somewhat passive. After all, a DXer must explain over and over that it's the hams who broadcast and birders leave human flying to the pilots. What the two hobbies do more successfully than most, however, is to quietly observe, listen and identify. In this era of instant replay and analysis, observing and listening are rare traits indeed. Anyone who has tried either hobby knows how hard, both physically and mentally, observing, listening and identifying are. Both DXers and birders often find themselves "in the field" at the break of dawn. Both strain to identify the obscure -- whether it be a 1 kW Brazilian station heard faintly in the night or a warbler in its confusing fall plumage.

Field guides and excellent equipment are also a necessity for both hobbies. Two of my most dog-eared books are "Peterson's Field Guide to Eastern Birds" and the WRTH. Shortwave enthusiasts, by the way, are not the only ones who have to open up their wallets to their hobby. Birders typically buy a cheap pair of binoculars, then move up to a \$200-400 pair and then move up to an even more expensive spotting scope. But, it's the rare catch, in both fields, that makes it all worthwhile. I'll never forget the thrill of spotting my first pair of bald eagles soaring right overhead -- nor am I likely to forget the first time I nabbed R. Namibia on 3290. Luckily, the prime DXing and birding seasons do not overlap here in the midwest --- so I can continue to enjoy both.

Ray Dahlin, 323 S.Park St., Westmont, IL 60559-1941

I was listening to the BBC News Tuesday 9/15 around 2200 on 15.070 - the announcer said they just finished a contest for the worst guitar player in the world - they played a tape of some of the songs played and the horrible sounds made by adjusting the strings- sour notes - off-key chords and unearthly discord polluted the atmosphere. Being a guitar player myself, I recognize rotten playing when I hear it - and this stuff was really for the birds - when they picked the winner, I think the queen might have had him dragged off to the Royal dungeon, or had him shot on the spot - because he played England's National Anthem - "God Save the Queen" with absolutely no mercy at all!

Don Moore, 11434 140th St., Davenport, IA, 52804-9538

I'm a little late on this topic but here's my best catch. I don't recall the date offhand, but it was in the winter of 1978-9. I had just gotten back into DXing after a three year break because of starting college. At the time I was living on the top floor of a three story apartment building two blocks from Penn State University, and a block from the main business district. It wasn't a great location and I had no outdoor antenna - just a Barlow-Wadley XCR-30 with the whip antenna. But one night I couldn't sleep and got up about 0800 UTC to tune the bands. Tuning through 49 meters I came across what sounded like a domestic AM station on 6080. Could it be? I listened a little longer and yes it was! CEWX, Vancouver with just 10 watts! I have never heard them since, just that one time in what was probably the worst place I have ever lived for DXing. Fortunately, I got a QSL for that one reception!

The current musing topic is humor and DXing. Putting together BLANDX every year has got to be the most humorous DXing experience for me! Just ask my wife - she always knows when I am working on BLANDX as it's the only time I sit at the computer and laugh practically nonstop. More than once she has heard me laughing after the mail arrived and correctly guessed that someone had sent some BLANDX contributions. After that I can't help but squeeze in a quick ad. The current edition of what I hope is the funniest DX magazine around is available for \$2.00 postage paid in North America from the above address.

Finally, to any NASWAnS in the Quad cities area, or elsewhere in Eastern Iowa or NW Illinois, I would like to hear from you. I would like to help put together an informal DX club here and hold occasional get-togethers. If you live in this area, drop me a line or give me a call at (319) 381-2016 (not collect). I am usually available from 6-10 P.M. and weekends.

Richard A. D'Angelo, 2216 Burkey Dr., Wyomissing, PA 19610

Nothing like a DXpedition to get the DX juices flowing once again. After an extremely busy spring and summer with little time for the radio, I was able to "radio out" at Gifford Pinchot State Park near Harrisburg in October. This annual DX event, which we apparently conduct three times a DX season, provides the perfect setting for some serious distant radio listening.

The Octoberfestpedition was a little unusual. First, Fred "I Want To Move Here" Kohlbrenner suggested coming a little early, like Tuesday. Then, party animals Dave Valko and Hans Johnson said "yes". Before you knew it Friday now became Tuesday and Gerry Dexter wasn't on the planning committee! To make matters worse, Bob Brown said he would be out on Wednesday. Al Quaglieri also appeared on Wednesday. That left Kris Field and myself as the only Friday arrivals. Arriving on Friday was like walking in on a movie that was half over. By the time I arrived Friday afternoon, these guys looked awful. Scraggy looking beards, tired eyes and terrible DX conditions. One look at the kitchen area of the cabin was enough to remind me of the fraternity in the movie Animal House.

Naturally, Kris and I weren't too disappointed to know that DX conditions were far from ideal before our arrival (tough break early arrivers!!!). However, things began to cook after we arrived. By Friday afternoon conditions were good. In fact conditions remained pretty good for the rest of the weekend which was capped off with a superb Indonesian morning on Sunday. Check the Log Report for the exciting details.

The weekend had some of the usual memories that Gifford Pinchot has become famous for. On Saturday, Mr. Nice Guy, aka Bob Brown, purchased a big bag of Oreos for Hans. NASWA members may recall my muse last year about Hans' ability to consume these tasty wonders. I am sorry to report that after staying on the cookie wagon for almost a year, Hans fell off - big time! After too many days with headphones attached to his ears, Dave Valko started listening with the hood from his sweatshirt over his ears before placing the headphones on his ears. A new form of cushioning.

Sunday is always hectic as we clean up and depart after the sun comes up and the signals fade away. Since Bob has a tendency to bring half his DX shack along on these trips, I assisted him in getting some of his gear together. "Need a hand Bob?" I foolishly enquired. "As a matter of fact Rich, I do. Could you be a sport and roll up the 1200 foot beverage?" "No problem" I replied. Boy was I stupid! Bob and Al managed to string a very, very long wire through a thicket of thorns no human being could survive. Out into the wilderness I strutted thinking this would be a piece of cake. You see, Bob has this nifty spool you roll the wire onto. Piece of cake unless the wire is caught and you have to roll up the wire while walking to the snag. I didn't know it at the time, but the snag was at the other end of the wire. Off I went rolling up the wire while walking through the stickiest of sticky bushes known to mankind. About 45 minutes later my mission was complete. However, I was now some 1200' deep in the woods without a clue as to which direction the cabin was in. Hmmm! No problem. I could see tattered shreds of my clothing which were torn from my body during this exercise. I just followed the trail back to the cabin.

It's back to the humdrum listening conditions known simply as home. It will have to do until the next DXpedition. I wonder if Fred is there yet?

73 - RAD

Calendar Of Events

- Nov 17 - Meeting, N.E. Ohio SWLs. Cuyahoga County Library, 9089 Brecksville Rd., Brecksville, OH (Rt. 21, just South of Rt. 82). 7:00 PM. For info send SASE to: NE Ohio SWLs, c/o Donald J. Weber, P.O. Box 652, Westlake, OH 44145-0652
- Nov 20 - 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).
- Nov 20 - Meeting, Philadelphia Area NASWA Chapter. Kulpville Holiday Inn, Kulpville, PA. 7:30 PM Contact Dan Cashin (215)446-7831
- Nov 21 - The Miami Valley DX Club (All band orientation) meets on the third Saturday of each month at 1 PM. Locations vary but are announced in advance. For info, call the MVDXC Newslines at (614) 471-9973 (24 hrs.) Or, send a SASE to MVDXC, Box 292132, Columbus, OH 43229-8132
- Feb 17-21 The 6th Annual Winter SWL Festival, Kulpville Holiday Inn, Kulpville, PA. Registration form will appear in next month's Journal or SASE to Winter SWL Fest, PO Box 591, Colmar, PA 18915.

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

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 Barry Schwartz tells us about his recent visit to Radio Canada International. Ernest Lawrence shows us that there are DX alarm clocks other than newborn babies. Walt Novingerer presents a review of Countries Of The World CD-ROM software. **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.

A Visit To Radio Canada International

by Barry A Schwartz, N2SHP*

While vacationing in the beautiful city of Montreal, my wife and I had an opportunity to pay a visit to the studios and offices of Radio Canada International, which are located at 1055 Rene Levesque Blvd. East. I had made an appointment for 10:00 A.M. with Maggie Akerblom, the director of audience relations.

Upon arrival at RCI, we were greeted very warmly by Ms. Akerblom, and she proceeded to give us a personal tour of, as she put it, "what's left of RCI". Severe cutbacks have reduced RCI's staff by half, and seven of the twelve foreign language departments have been terminated. Ms. Akerblom explained that the annual budget was cut by one-third, from about \$20 million (Canadian \$) to \$13 million annually, and other than French and English external broadcasts, RCI now only

broadcasts in Spanish, Chinese, Russian, Ukrainian, and Arabic. Naturally, listenership has dropped off.

Ms. Akerblom showed us various production offices and studios, two of which were active sending programming to East Asia and Eastern Europe. We also saw the office for the Canadian Armed Forces Broadcasting Service, although their operations are separate from RCI's.

We were shown around for about an hour, and then Ms. Akerblom put together a folder for me, which consisted of the following (and much appreciated) goodies: two RCI 40th Anniversary pins, assorted commemorative QSL cards, an RCI vinyl pennant, stickers, and, as an added "bonus", a Northern Quebec Service vinyl pennant. The Northern Quebec



Radio Canada International

* 72-22 153 St., Apt. 2H
Flushing, NY 11367

Service (on 9625kHz) is a separate service of the Canadian Broadcasting Corporation (CBC), and their facilities are located just a couple of blocks east in the Maison du Radio-Canada, a modern building at 1400 Rene Levesque Blvd. East. (Tours are also available there.) RCI is a division of the CBC as well.

I felt very sorry for the staff of RCI, because it seems as though a once vigorous and extremely popular international broadcaster has been reduced so dramatically so swiftly. Also, there is a bit of animosity towards the CBC higher-ups, because they regard RCI as such a low priority in terms of budgeting, failing to realize how important and how popular Canada's international voice was

over the airwaves. The staff of RCI does have hopes that they will be restored to their former glory. The biggest foreign protests over cuts have come from Germany, where RCI has enjoyed a very large following -- Ms. Akerblom herself was in charge of the German department.

All in all, the tour was quite nice, and my wife even commented to me, after we left, that she thought it was better and far more interesting than she had expected. If fellow NASWA members find themselves in the Montreal area, give Maggy Akerblom a call at (514) 597-7555 and make an appointment for a visit. It seems as though she enjoys taking listeners for a brief, but very thorough, tour! Thank you, Ms. Akerblom and RCI!!

Blessed Heartburn

by Ernest Lawrence

I am relatively new to the DXing hobby. I have only owned a shortwave radio for about a year. While I spend a good deal of time at my listening post during the winter months, I am very much a novice. Dwarfed by the giants of NASWA, my countries heard and verified tally is a paltry 135/80. Unlike the more dedicated enthusiasts of SWLing, I tend to take the summer months off in pursuit of my other personal passion: watching live baseball.

With all of my favorite minor league teams failing to make the playoffs and the Orioles slumping, I spent much of the month of September preparing for the soon to improve reception conditions. I upgraded my receiver (DX-440 for a used NRD-525) and hung my longwires. I've been thrilled to find that many of my beloved 60 meter band African stations are rising out of the static in the late afternoons. However, that is not what I would like to tell you about.

I went to bed late on the evening of 26 September 1992. Having had two pieces of pizza that night, I was not surprised to wake at around 9:00 UTC with a three alarm case of heartburn. Two spearmint Roloids later, I decided to check the receiver. Having failed to get Guyana (5950 kHz) verified last winter, I tuned in hoping that the Voice of Free China would be taking a rest. Maybe little VOG would have a chance. Unfortunately, they couldn't be heard.

By now half awake, I turned to the 90 meter band and found that the Papua New Guinea station Radio East New Britain had a fair signal at 3385 kilohertz. Having never heard them, I figured I would send them a reception report. One of my most treasured QSLs, showing a nasty looking Papua native in an elaborate costume, came from NBC Port Moresby. I was hoping that this new report would bring a similar prize. After finishing at 3385 I turned my attention to the 75 meter band, and quickly found Radio New Ireland holding its own with the hams at 3905 kHz.

It occurred to me that the much fabled gray line conditions of September and October might be creating an opening to Papua. I excitedly began tuning through the tropical bands and had my suspicions confirmed. By daylight I had logged fourteen stations from Papua New Guinea. There were probably more to be heard, but I held at each frequency long enough to grab an ID and then moved on to the next.

All but two of the stations (New Ireland at 3905 and Port Moresby at 4890) were in the 90 meter band. My other catches are listed below.

- 3205 Radio Sandaun (10kW)
- 3220 Radio Morobe (10kW)
- 3235 Radio West New Britain (10kW)
- 3260 Radio Mandang (10kW)
- 3275 Radio South Highlands (10kW)
- 3290 Radio Central (10kW)
- 3315 Radio Manus (10kW)
- 3325 Radio North Solomons (8kW)
- 3335 Radio Sepik (10kW)
- 3345 Radio Northern (10kW)
- 3395 Radio East Highlands (10kW)

Radio East New Britain had the best signal throughout my listening time, but several of the others could be heard with great ease. Much to my surprise and delight, many of the stations were broadcasting in English.

Fellow novices, don't be fooled into thinking I am a skilled DXer. I'm just lucky. Receiving these stations was as easy as shooting fish in a barrel (sorry, fellow pacifists). Oldtimers, be gracious with me. I am very wet behind the ears when it comes to shortwave radio. In my log these fourteen stations all show as PNG. The NASWA scoring system probably counts them as twenty countries. Hi. Most veterans have probably had experiences like mine on any number of occasions. However, this was a special time for me. I woke my ten year old son so he could share my wonder. He listened to one station for about fifteen seconds, expressed his surprise at the fine signal coming from a low power transmitter far away, and promptly returned to bed. My wife didn't want to hear it and my daughter was sound asleep. DXing can be a lonely hobby at times. Fortunately, I've got heartburn to wake me and NASWA to share my adventures with.

As can be expected, I intentionally arose early on the following morning. Reception conditions were much worse. There was too much static. I could hear eight of my friends from the previous AM, but their signals were much weaker. However, I did not turn off the NRD-525 disappointed. Before the sun was too high in the sky I had heard the Solomon Islands Broadcasting Corporation (5020 kHz) for the first time and logged a new Indonesian (4863.8 kHz). At ten kilowatts this is probably not such an unusual catch, but heck, an Indo is an Indo.

* 11 St. Helena St.
Perry, NY 14530

The National Radio Club announces the new 1992-1993 DX Calendar.

This thirteen month wall calendar features October 1992 to October 1993 and the place where a photo would be contains a SUNRISE-SUNSET map of the United States for each month. Instructions for the proper use of the maps is included. A great DX'ing aid to all DX'ers. Unlike some other calendars this calendar has official US Holidays and religious holidays included!

This great DX tool is available to DX'ers in the USA and Canada for US \$4 postpaid! Order from National Radio Club Publications Center, P.O. Box 164, Mannsville, NY 13661-0164.

For Sale - Universal M1000 Decoder card for PC compatibles. Complete with software (3.5 and 5.25 disks). Back issues of The RTTY LISTENER. \$300 plus shipping. Leave a message or call Mike Wolfson 419-289-7461 after 4:30 p.m. EST or weekends.

Review: Countries Of The World On CD-ROM

*Reviewed by Walt Novingerer**

I am an avid shortwave listener and computer "nut", and had hoped to find the Countries Of The World (COW) disc to be of significant value as an adjunct to listening to shortwave broadcasting stations from around the world. As it turns out, COW is of great value, assuming one realizes some of its shortcomings and doesn't expect too much from the database.

One of the really interesting "hot spots" when I first received COW was Lithuania. Radio Vilnius (broadcasting from the capitol of Lithuania) had been a very interesting source of news during the past year and a half, or so, as the Communist government had been displaced by a more democratic form of government under the Sajudis Party of Mr. Landsbergis. Wanting to know more about Lithuania, then, I took keyboard in hand and went to the disc. Let's see what transpired.

First, I went to the Contents menu, chose Europe from the list of regions, and looked for a country named Lithuania. Between Liechtenstein and Luxembourg there was nothing. OK, I thought, let's look under USSR, rather than Lithuania. Going to the USSR entry revealed a choice of five books including the USSR Yearbook '90. Choosing this book and browsing down the list of chapters revealed one on the Lithuanian Soviet Socialist Republic from Hippocrene Books, Inc., listed as "affiliated" with the Soviet Embassy in Washington, DC. Here, in the chapter on the Lithuanian Soviet Socialist Republic, I found five screens of information about Lithuania before the revolution of the last year. This points up one of the shortcomings of this or any other database—being out-of-date the day it is published. In fairness to COW, however, much of the information is quite recent (1990) by CD-ROM database standards. Another potentially problematic area of many databases is the

source of the information presented. Often it has been my experience that the sources are buried at the end of an article or, worse yet, are not contained within the article at all. Here, again, COW is to be commended for presenting this information right at the beginning of the article, letting the reader know (in this case) that the information probably has a bit of a political slant of which he/she should be aware.

Next, I went to the Browse menu, Subjects submenu, and entered "lithuania". This revealed two subjects: lithuania and lithuanian, each with a single article associated with them. Choosing lithuania, I ended up back in the same book and chapter. Hoping for more information, I went back to the lithuanian entry in the Subjects submenu and, again, found myself right back in the same book. Remembering the importance of Vilnius in the events of the last year, I next went to the Browse menu and looked for "vilnius". Ah, that's better—eleven articles. There are six from Poland, A Country Study (1984) from the US Army, and five others from diverse sources (including our friend from the Soviet Embassy). Most of these mention Vilnius in its historical context of a Polish city which was part of Polish land which changed hands several times since the 18th Century. This is the type of background information for which COW is particularly well-suited, as opposed to up-to-the-second data.

The addition of "snips" of national anthems is a nice touch, but having only about ten seconds, or so, of each makes them not very useful. Likewise, some of the maps are less-than-useful, as well. For instance, the map supplied for Vatican City is simply a map of the central portion of Italy with Vatican City indicated as a dot to the west of Rome. A city map of this very interesting city-state would have been a better inclusion.

The Search Program— DiscPassage

DiscPassage (henceforth DP) is a competent retrieval program (on the PC) which lacks sexy bells and whistles, but which is quite fast and appears to work largely as advertised. I say "largely," as there appears to be some anomalous behavior in searching.

If one uses the Browse Words menu, a list of words indexed in the database is presented. Going down the list a ways, we see that a whole series of entries beginning with 1970 is presented. Now, going to the Search Words menu, we enter "1970*", just like the directions say to enable finding all entries with 1970 as their first characters. Surprisingly, all we get is the message "Word 1 Not found." This is too bad, as it would be nice to be able to get a (albeit fairly long) list of articles dealing with topics from, in this example, the Seventies. Other than this "feature," the program works well. My only suggestion toward making it a bit more user friendly would be to have a search position the article to the first occurrence of the search term, rather than making the user hit the F10 key to find the first instance of the term.

The review above pertains to the PC version of DiscPassage. I ran the program on a Librex 386SX-20 notebook computer (with 4mb RAM and DOS5 loaded high) using a Trantor Mini-SCSI parallel-to-SCSI adapter to control my NEC CDR-72 CD-ROM drive. I also ran the program on a Mac IIci (8mb RAM, System 7), and noticed a number of things which should be mentioned here. The Mac version, as might be expected, is better for cut-and-paste extraction of text from articles. This is due, primarily, to the Mac OS, not to any fancy programming.

In order to be able to print maps, it is necessary to increase the default application memory requirements (for System 7 or for earlier versions running under MultiFinder) to at least 2048K (2mb). To do this, it is first necessary to copy the DiscPassage 1.2 application from the CD-ROM onto your hard disk. Then, using the Finder's GetInfo (Command-I) command, set the memory size to 2048K. Finally, run the hard disk copy

of the application, not the one which is still on the CD-ROM. The application will find the CD-ROM drive just fine, and you'll be able to print to a LaserWriter.

The problem with all this work is, unfortunately, that it's hardly worth the effort. The maps print best (i.e., most legibly) in black-and-white (System 7 offers greyscale, as well), but those maps I printed were mediocre at best. Better to limit your map viewing to the screen. Using the Mac IIci's built-in 8-bit color controller and an Apple RGB monitor, the colors were quite good, and the overall map quality quite acceptable.

I experienced only one System bomb on the Mac, and it was really bizarre. While the System 7 PrintMonitor was chugging away in the background printing the Vatican City map on the LaserWriter, I attempted to close the map window (usually, a perfectly reasonable thing to do). The bomb box appeared with all of its characters either missing or garbled up. When I clicked on the (barely visible) RESTART button, the whole system attempted to reboot, the CD-ROM ejected from the drive, and the bomb box spun like crazy until I finally pressed the reset switch. This is guaranteed to give the novice Mac user a nearly fatal case of apoplexy (and make the more experienced of us glad we'd just backed up this morning!)

Summary

Overall, I am quite pleasantly impressed with COW, and am sure I will find uses for it beyond my original intent. The documentation provided with the program is quite good, and made it easy to get up to speed. The suggested list price of the disc, \$495, clearly places it beyond the grasp of the general public; even heavily discounted, this is a very expensive disc. This is a shame, as this would be an ideal disc for the family who has recently purchased an MPC-compatible computer from DAK or Tandy for their school-age children. Certainly, any high school or college student would find COW extremely useful for Geography, History, or Economics course work. COW is available from the Bureau of Electronic Publishing (800-828-4766), MacWarehouse (800-255-6227), and other sources for about \$250 as of this writing.

Hardware Bits

by Alan Johnson

FOG CUTTER UPDATE - NASWA's Marino Wilson provided updated information on the price of the Dymek FC-11 Fog Cutter audio filter reviewed in the September Journal. It is now \$96.00 plus UPS shipping. He also reports that Stoner Communication's phone number has changed to 503-759-3103.

NEW FROM MFJ - MFJ Enterprises has recently begun to advertise two items of potential interest to SWL's. The first is the MFJ-8100 regenerative SW receiver. Its coverage goes from approximately 80 meters to 13 meters in 5 bands and has a vernier reduction main tuning knob. From the ad copy, it appears that the audio output is only sufficient to drive headphones. It sells for \$59.95 kit, \$79.95 wired and tested. Shipping is expected to begin about mid-December. (Santa, are you listening?) Also new is the MFJ-1022 active antenna which covers 300 kHz to 200 MHz for \$39.95, assembled. Get a catalog for looks at all their interesting gadgets, including some new antenna analyzers and dip meters. MFJ Enterprises, Inc., P.O. Box 494, Mississippi State, MS 39762; Orders 800-647-1800, Tech help 800-647-8324.

EQUIPMENT RESTORATION TIP - Recently I had the opportunity to try a tip gleaned from Electric Radio magazine concerning the removal of adhesive residue from tape labels or masking tape on painted surfaces. Simply apply a layer of WD-40 or similar lubricant (I used 3-in-1 oil) to the area of the gummy residue and let sit for a few days. The old gum will soften and can be wiped away. This is much gentler to the paint than gasoline or lighter fluid. It worked great for me!

ANTIQUÉ ELECTRONIC SUPPLY - AES has started to advertise the 1993 edition of their catalog of vintage electronic parts and books about antique radio. Contact Antique Electronic Supply, 6221 S. Maple Ave., Tempe, AZ 85283; 602-820-5411.

HF-150 COMPUTER INTERFACE - A RS232 computer interface is listed as a "to be announced" item in the 1993 catalog from Electronic Equipment Bank and some evaluation samples have been released. Tom Whiteside has written a control program which is available on Tom Sundstrom's BBS.

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BLANDX #7 is available for just \$2.00, postage paid, in the U.S., Canada, or Mexico (\$3.00 or 8 IRCS elsewhere) from Don Moore; 11434 140th St., Davenport, Iowa, 52804. Checks or money orders should be payable to Don Moore. Issues #5 (1990) and #6 (1991) are also available for \$2.00 each, or all three for \$5.50.

Easy Listening

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MCI Mail 375-4854
CompuServe 71207,1604
Prodigy NCH70A

Program Spotlight

Sunday Morning - Centerpoint, Radio Canada International

I've mentioned Sunday Morning in previous columns. It's a three-hour news magazine program featured on Canada's domestic CBC radio every Sunday morning, 1300-1600 UTC during Daylight Savings Time, 1400-1700 UTC when Standard Time is in effect in North America. Centerpoint comprises the third hour of the program. A single issue is covered in great depth, with an issue explored from several sides. The program host, Mary Lou Finley, serves as a moderator for the discussion.

On October 18, Centerpoint dealt with the constitutional debate and the national referendum on the so-called "Charlottetown Accord". This is a domestic issue but is fascinating nonetheless for those who follow Canadian affairs. The issue was covered in enough depth, with enough background material, for someone not following the day-to-day Canadian news to gain a decent understanding of the issue and its relevance.

During the summer, I've read where the Centerpoint segment is a repeat of a prior broadcast. This October 18 broadcast was not a repeat.

Radio Netherlands' New 2330 UTC Broadcast

In a previous column, I mentioned that Radio Netherlands was revamping its English language program schedules. New feature programs have been added, and several geographic areas now receive three consecutive hours of English language programming beamed to their target area. Here in North America, we now have a second hour added, resulting in a 2330-0125 time block. I recently sampled the Monday through Friday 2330

program block. All editions feature a five-minute news bulletin, followed by the current Hilversum weather — a nice touch — and a fifteen-minute edition of Newline, the current affairs program. I believe the 2335 and 0035 editions of Newline are different, but I didn't get a chance to check that prior to publication deadlines.

Here are the feature programs day by day:

Monday: Let's Get To Business looks at business issues of a global nature. European Community items receive heavy emphasis. The program I sampled had a feature on some unique aspects of Dutch labor laws. The EC has much work to do to standardize economic structures before the Western European market will be truly integrated, if the items discussed in **Let's Get To Business** are any indication.

Tuesday: No Boundaries is a bit difficult to characterize. Like **Newline**, **No Boundaries** is a current affairs program. Unlike **Newline**, the perspective is somewhat longer term, and focuses on relationships and comparisons between countries and peoples. Analysis and commentary, rather than straight reporting, are the norm. The sampled program included features on Japanese rice farming, differences in earthquake resistance between more developed and less developed countries, and the paradoxes between the socialist Chinese government and the capitalist Chinese economy. The features are somewhat similar to features you'd find on the National Public Radio program **Weekend Edition**. Feature length varied from two minutes to more than ten minutes.

Wednesday: Radio Netherlands is now about halfway through a 12-part series on the language cultures and diversity of the European Community entitled **In So Many Words**. The specific program I sampled looked at the Greek language. Greeks are very sensitive to questions of language, as the language has

been spoken and written for more than 3,000 years. There have been very few significant changes over the millenia, even though foreigners often study ancient and modern Greek separately. The ways that language influences culture, attitudes, and policies are addressed.

Thursday: Research File is Radio Netherlands' long-running science and technology program. Language was a topic of the sampled program - with an example of children in the Netherlands whose second language is Dutch. The science of language and the brain's interpretation of language was discussed in detail. Research File delved into the scientific background in more detail than *In So Many Words*.

Friday: On The Waterfront looks at the Netherlands' relationship with water. Many editions, as might be expected, delve into the Netherlands' long history of land reclamation. The program I sampled looked at Dutch practices regarding ground water degradation and steps to reduce toxic chemical discharges into the ground water. Ground water policies and practices of other European countries were also examined.

BBC World Service November Highlights

As mentioned in the September *Journal*, the new BBC magazine *BBC Worldwide* has debuted. As promised, it's more comprehensive in its coverage than the former *London Calling*. The full BBC World Service Television schedule is included, as are feature articles - thirteen in the November edition. An annual subscription runs approximately \$45. If you're a fan of the BBC, or of the UK perspective on the world, it's recommended reading. *BBC Worldwide* will not significantly impact the monthly *Easy Listening* column, as I'll focus on the BBC World Service on Radio, per the NASWA charter. *BBC Worldwide* also includes the schedule for BBC World Service Television, which should be available by satellite in North America sometime in 1993, according to the program guide.

In Feature Programs:

Fridays, beginning November 6th, 0730, 1215, and 1930 - **What's Left of Communism** takes a look at the communist movement 75

years after the Bolsheviks seized power in the Soviet Union. The state of communism in Cuba, Italy, and India is examined with an eye toward the survivability of the movement. Andrew Whitehead, the BBC's political correspondent, narrates.

Sundays, November 15th and 22nd, 0230 and 1615 - **Russia Revisited** is a two-part special on the current economic, social, and political climate one year after a similar special entitled **The Remaking of Russia**. Stephen Dalziel visits Moscow and Kazan to see how people are getting by. Kazan is the home of Tartar nationals who are trying to secede from Russia itself. Also repeated Mondays at 0730.

Sundays beginning November 8th, 1401 - **A Sight Worth Seeing** visits significant buildings around the world - the Taj Mahal, Beijing's Forbidden City, Mexico City's Aztec ruins, for example - to better understand the cultures responsible for these great structures. One year ago the World Service ran a similar series on cities in Britain. Repeated Mondays 0630 and 1001.

Sundays beginning November 15th, 0415 - **For Better, For Worse** examines the tradition and culture of five different religions and societies - Ukrainian, Muslim, Anglican (Episcopal), Jewish, and Chinese - to better learn what each wedding ritual has in common and how traditional customs are preserved in weddings. Repeated Mondays 1930, Tuesdays 0915.

Saturday, November 21st, 1901 - **Exaction** is a new business game that simulates the economy of the developing country Ruristan. The game was modeled after the economy and climate of the Indian subcontinent. Players attempt to manage an economy fraught with natural disasters. The BBC cavesdrops on a group of Indian civil servants playing the game. Repeated Monday November 23rd 0101 and 1515.

Sundays, November 30th and December 7th, 0230 and 1615 - **The Greatest Power on Earth** takes a look at nuclear energy - both constructive and destructive - fifty years after Enrico Fermi's pioneering work at the University of Chicago. Chris Wescott explores how this research wound up as a key component of military arsenals and power generation systems. Arguably no scientific discovery has

been debated as strongly either before or since. Also repeated Mondays 0730.

Sundays, beginning November 30th, 1635 - **Whatever Happened To ...?** is a six-part series looking at newsmakers of the recent past who have receded from regular public view. The first installment looks into the life of Sir Edmund Hillary 30 years after his ascent of Mount Everest. Likely repeats Tuesdays 0750 and Wednesdays 1235.

In music features:

Mondays, Wednesdays, and Fridays, 1830 and 2330 - If you've had trouble interesting your teenagers in shortwave radio listening, perhaps you might pique their interest with **Multitrack 1** (Mondays), **Multitrack 2** (Tuesdays), and **Multitrack 3** (Wednesdays). **Multitrack 1** reviews Britain's Top 20 tunes; **Multitrack 2** looks at new records, and also has interviews and competitions. **Multitrack 3** features the latest news on the British pop scene. Each program is repeated the next Tuesday, Thursday, or Saturday at 1215.

Sundays beginning November 8th, 0445 - **Replace A Disc** returns. Has your favorite record been scratched? Lost? Write to Mike Read and tell him why that favorite was so special. If your letter is selected, Mike will play the record on air and send you a copy to keep. The text doesn't say whether or not compact discs or cassettes are provided. See the Bush House address below. Repeats Mondays 1445, Wednesdays 0815.

Mondays beginning November 9th, 1715 - **Maestro** is a new quiz series testing contestants' knowledge of popular classics and classic pop. I'm not sure what to make of the juxtaposition. The contestants are further tortured by having to sing, as well. Pianist and composer Rod Argent and actress Nichola McAuliffe are the resident captains. Repeats Tuesdays 0030 and Wednesdays 0830.

Mondays, November 9th and 16th, 2215 - **Real World Music** looks at the diverse sounds emanating from the eponymous festival held this past August in the English city Bath. Music from Turkmenistan, Zaire, Asia, and the UK (jazz drummer Billy Cobham) is featured. Repeated Tuesdays 0630,

Wednesdays 1615, and Fridays 1030.

Tuesdays beginning November 24th, 1030 - For those who love classical music recordings but don't know which version of a particular classic to buy, **Best On Record** may be of interest. Robert Philip moderates a panel of informed critics as they wade through the best choices of popular classics. Mahler's **Resurrection Symphony - Symphony No. 2** - is featured in the first program. Repeats Fridays 0030 and 1715.

In arts and drama:

Sundays, 0101 - **Among Play of the Week** features: **Kipling** (November 15th) features Alec McCowen as the famous fiction writer, poet, and journalist Rudyard Kipling. The play explores the true feelings of a very private individual. **Duet For One** (November 22nd) is a 90 minute play the begins half an hour earlier at 0030. The story is about an eminent violinist in her early 30s who is struck with multiple sclerosis. Its impact on her career and her will to live is coupled with the efforts of her psychotherapist in fueling her will to live. **Play of the Week** is repeated at 1201 and 1901. Exception: Starting times are one half hour earlier for **Duet For One** on the 22nd.

Wednesdays beginning November 11th, 1530 - **It's A Funny Old World** looks at the humorous side of music. Comic songs from musicals are featured, as well as the classical antics of Victor Borge and others. Presented by Stewart Collins. Repeated Thursdays 0030 and 1030.

Mondays beginning November 16th, 0415 and 0915 - **On Screen** is a new eight part series on the film industry and filmmaking. Installments will include tests of listeners' film knowledge and the opportunity to vote for Film of the Year. A video prize will be awarded in a random drawing of voters. Also repeated Wednesdays 1515.

Clip and Save

To contact the BBC World Service, indicate the name of the program in question and write to the BBC World Service, PO Box 76, Bush House, The Strand, London WC2B 4PH, England.

Latin Destinations

Don Moore
20108 Hayes Road
Big Rapids, MI 49307



Hola amigos! This month's Latin Destinations column is going to be a bit of a potpourri. I've got lots of little interesting things to pass along.

First, I want to give my annual plug for Pueblo to People; 2105 Silber Rd, Suite 101; Houston, TX 77055. PtP is a non-profit organization that assists artisan and peasant cooperatives in several Latin American countries in developing and marketing their handicrafts. While a Peace Corps Volunteer in Honduras, I saw PtP create jobs for the poorest of the local people and put some real cash in their hands for the first time in their lives. This is a non-profit organization that really does what it is supposed to. PtP does this by selling the handicrafts by mail order in North America and funneling most of the money back to the peasants or artisans who did the work. PtP has some great products that will make excellent Christmas presents or help decorate the DX shack. Send a dollar to the above address for the latest catalog.

A few more plugs next. I recently got the new second edition of Gerry Dexter's *The Secrets of Successful QSLing*. It's full of those useful tips that any LAM DXer will find useful and a welcome addition to any QSL collector's library.

Fans of the *Insight* series of travel guides will be pleased to know that books on Peru and Ecuador have been added to the series. Other Latin titles are Mexico, Brazil, and Argentina. The two new ones are up to usual *Insight* standards with dozens of fantastic photographs. If Santa doesn't bring them, I'll be making a trip to my local bookstore on December 26th!

Finally, I just purchased the new 3rd edition of Lonely Planet's *Ecuador: A Travel Survival Kit*. Lonely Planet specializes in guides for low budget travel to out-of-the-way places. Because their

guides are aimed adventurous travelers, they tell about towns and villages that other tour books ignore. The books include a lot of background information as well as hotel, restaurant, bus, etc. information. The Ecuador book is simply the best description of contemporary Ecuador that I have seen.

ANNIVERSARIES

One of Ecuador's better heard tropical band voices will be celebrating its 25th birthday next year. Radio Federación, 4960 kHz, was founded on January 29, 1968. Radio Federación is a Roman Catholic station that ministers to the Shuar Indians of the Ecuadorian Amazon. This might be a good time to send them a reception report along with anniversary wishes and maybe even a silver anniversary card. It will probably impress them and I bet your name will be read on the air. Radio Federación is usually good, if a bit slow, at verifying, so hopefully your report will be answered, too!

Other station anniversaries coming up include Brazil's Radio Educadora Braganca (Nov 12, 1960) and Radio Rio Mar (Nov 15, 1954); Peru's Radio Imagen (Dec 15, 1978) and Radio Huanta 2000 (Jan 8, 1983); Bolivia's Radio Nacional Huanuni (Nov 15, 1960) and La Cruz del Sur (Dec 15, 1949); Venezuela's La Voz de El Tigre (Jan 9, 1948); Honduras's HIRVC (Dec 8, 1960); Guatemala's Radio Mam (Jan 11, 1975); and Ecuadorian Radio Centinela del Sur (Nov 18, 1956). These stations may have some sort of special or extended programming on or around these dates. Also, a report around these dates with a Happy Anniversary wish or card may have a better chance of being answered.

If you know of any Latin American station anniversary dates, please send them

in. I would like to update and reissue a list I made several years ago. Often station founding dates are found on station QSLs and letterheads.

CULTURAL TIDBITS

Although North American and Latin American culture share some similar European roots, there are lots of tiny ways in which the two cultures differ. (Often, in fact, it's the U.S. that's different from the rest of the world!) These little differences may easily go unnoticed until they cause big problems.

Numbers are a good example. North Americans would say that 4.875 is smaller than 3,345. Latin Americans, however would say the opposite! Why? Because in numbers Latin Americans use the period and the comma opposite of what we do. The first number is four thousand, eight hundred, and seventy-five. The second is three and 345/100ths. This is why you will sometimes see numbers like 5,78 in Latin documents. There is no need for three places after a comma, since it represents a decimal place. Likewise, 4.35 would appear to be missing a digit in Latin America.

When written out, numbers are usually easy to translate until we get to really big numbers. An English million is a Spanish millón, but a billion is mil millones, or a thousand millions. A Spanish billón, also called a millon millones, is what we would call a trillion.

Another difference is how certain numerals are written. A Spanish 7 is distinctive in that it has a short horizontal bar across the base about half way up. This is to distinguish a 7 from a 1. A one is always written with a short diagonal lead line at the top, and never as just a straight vertical line.

TELLING TIME AND MORE

Times are also written differently in Spanish, and this can have some bearing on reception reporting. Rather than using a colon between the hours and minutes, Spanish speakers usually use either a

period or a comma, e.g. 4,20 or 5.10. Commas are more common than periods. The American colon is starting to be seen on occasion from my experience. There's no problem if you use the colon in your reception reports, but you may want to use a comma if you want to appear a little more culturally knowledgeable.

While AM and PM are commonly used in telling time in Latin America, Latin Americans are used to using the 24 hour system for things like schedules (be they train schedules or radio ones). Again, AM/PM is fine in reception reports, but if you use the 24 hour system for PM times you will appear a little more aware of Latin culture. Of course, reception report times to small Latin American broadcasters should *always* be written in their local time, and never in UTC.

There are, of course, many other differences, some important to DXers, and some interesting but not so important. An example of the latter is that in Hispanic culture, Tuesday the 13th is considered a bad luck day, not Friday the 13th.

An important example is use of the word *americano*. People in Latin America feel they have as much right to be called Americans as do people in the U.S. The way many U.S. citizens feel we have exclusive rights to the word "American" is a strong cultural sore point. In fact, I bet most Latins would have been infuriated at one TV spot I saw in early October that said Columbus didn't really discover America because he never once landed or saw the U.S.! To Latin Americans, we are *norteamericanos*, or North Americans. Fortunately, that is not considered to be a slight on our *canadiense* or *mejicano* neighbors in North America! An equally used alternative is *estadounidense*, or, literally, United Statesian. (I have been told, however, that in Spain the term *americano* is always used for U.S. citizens.)

Well, amigos, it looks like we've arrived at the end of another column. Your input, as always, is appreciated. Please include a SASE if requiring a response. Take care & 73s,

Jon

Listener's Notebook

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

AFGHANISTAN - The *Message of Freedom* radio (Piyam-i-Azadi) is putting fairly good signals into Sri Lanka on 7085 kHz at *1400-1500. This is sponsored by the Hekmatiar faction, opposed to the regime that took over from Najibullah. The xmtr sounds like an SSB unit modified to give single or double-sideband AM with adequate carrier. (VG on RNMN 10/1)

The *Radio Afghanistan* domestic *First Program* in Pashto and Dari is again heard on 7200v kHz, in addition to 4775. Transmission still seems restricted to 0130-0430 & 1330-1730. (WBI 10/23)

ALASKA - Kevin Chambers, station manager of *KNLS*, has produced a series of short features for its EE programs about life and radio in Alaska. These have been collected on tape and are available for use at, e.g., DX club meetings. For full details write Chambers at *KNLS*, Box 473, Anchor Point, AK 99556. (*KNLS* fall newsletter via Mike Fern--CA)

ALBANIA - *Radio Tirana* announced 9/28 that the "first broadcast" in English will now be at 1530 on 9760 and 7155 and at 0130 on 9580 and 11840 kHz, with the "second broadcast" at 2200 on 9760 and 11825 and at 0230 on 9580 & 11840 kHz. (WBI 10/2)

BBCM reports *Radio Tirana's* transmission to the Americas are at 0000-0400 in Albanian on 6120, 9760, 11745 kHz; 0130-0200 English, 0200-0230 Spanish, 0230-0300 English, all on 9580 & 11840 kHz. (WBI 10/16)

Radio Tirana announced 10/5 it had begun relaying programs of *Trans World Radio* from 10/1, at 2030 daily. (*Radio Tirana*, via WBI 10/9) [Presume on 1395 MW - see Oct. LN. -df]

ANGOLA - *VORGAN*, the SW outlet of the rebel movement UNITA, put a good but not consistent signal into CA at 0445 sign-on on 9700 kHz in early October. Using an azimuthal equidistant map centered on S. Africa, a line drawn from the RSA site at Meyerton thru the

geographic center of Angola crosses the US-Can border near Vancouver. (Mike Fern--CA)

BBCM considers *VORGAN* to be in a gray area between "clandestine" and "illegal broadcaster" because the UNITA party is now [just after the election] recognized and legal in Angola. There have been these continuous battles between Luanda, which is controlled by the [ruling] MPLA and the UNITA people based down in Jamba as to the status of the *Voice of the Black Cockerel*. Luanda says the station is illegal and should be shut down, but broadcasts are still continuing. BBCM's clients have great interests in what both UNITA and R. Nacional de Angola are saying. BBCM shows the following sked: 0445-0835 on 9700, 7290, and 6045 kHz; 1045-1435 on 11830 and 7290 kHz; and from 1645-2345 on 7100 and 4880 kHz. Mainly PP and two vernaculars, with the occasional program in EE or FF *2100-2200*. (Richard Measham, BBCM, on RNMN 10/8)

ANTARCTICA - Details provided WRTH for AFAN-McMurdo indicate that the inactive SW facility is to be resurrected, and station plans to be operational by the end of November on 6012, with 1 kW. QSLs will be available. Address: AFAN McMurdo, US Naval Support Force, Antarctica, 651 Lyons St, Port Hueneme, CA 93403-4345. (Fine Tuning) (Bob Padula in ADXN 10/92)

ARGENTINA - *R. Nacional*, Buenos Aires, has returned to 6060 kHz and is heard in NZ around 0900 with lots of station IDs. News in SS is at 0900. (AC on DXPL 10/17) [Still covered in CA *0200-0600* by RHC.--mf]

AUSTRALIA - *RA-Brandon* on spurious 5940 (half of 11880) with English 2250, 10/3. *Carnarvon* on new 7260, 2030, English, 10/3. Shepparton facility on 6 Mhz (5995, 6020, 6080) from 0900, each with 100 kw, creates serious external mixing problems and receiver overloads, as noted here in Melbourne. At 0900, 5995 takes English, with 6020 and 6080 carrying Tok Pisin. (Bob Padula)

AUSTRIA - ORF's fall sked to NZ includes EE 0830-0900 and 1030-1100 on 15450 and 21490. EE for NA is 0530-0600 on 6015 (Sackville), 6155 and 13730. ORF is also heard well from 0600-0700 on 6015 only. (AC on RNZI 10/1) ORF broadcasts to the Pacific in EE from 0830-0900 on 15450 and 21490 kHz and at the new time of 1030-1100 on the same freqs. (AC on DXPL 10/17)

BELGIUM - BRT EE sked from 9/27: 0730-0755 to EU on 1512 MW, 5910 and 9905; to Australia on 11695; 1000-1025 Mon-Sat to EU on 1512 MW, 5910, & 9905; 1230-1255 Su: 1512 MW to EU, 17550 to SE Asia, 21810 to NA; 1400-1425: 1512 to EU, 17550 to SE Asia, 21810 to NA: 1900-1925 on 1512 MW and 5910 to EU; 15540 to Africa; 2200-2225 1512, 5910, 9905 to EU; 2400-0025, 9930 to NA and 13655 to SA. The DX program 'Radio World' is in all broadcasts Sat and at 0730, 1000 and 1400 Mon. German programs will be produced by BRT and not by Belgisches Rundfunk. (Midnight Ham BBS, Antwerp, via Bruce MacGibbon on RJMR 9/27) The renaming of BRTNI to *Radio Vlaanderen International* was to take effect 9/26. The station's now using full power. (BRTN, in EE 9/23, via WBI 9/25) The new name will be the same in all languages. (WBI 9/25)

BOLIVIA - The Nordic DX championship took place the weekend of 9/18-9/20. One mandatory target was *R. Eco*, Reyes, 4409 kHz on 9/20 at 0030-0055. *R. Eco* produced a special program for the contestants, with many DXers greeted by name and a message from LA expert Henrik Klemetz. Reception in Quito was terrible but RMV was able to record it for the judges. 0100 is a good time to try. (QLB/DXPL 9/26)

R. Difusoras Libertad, 4808.9 kHz, (tentative), with 1940's continuous music and almost no IDs, heard in Quito at 0106. (KMH/QLB/DXPL 9/26)

Radio Fides, La Paz, noted on new 9625 since mid-September, //6155 & 4845 kHz. Announces 15 kw on 9625, 10 kw on 6155, 5 kw on 4845. Also uses 760 kHz. (WBI 10/9)

Radio San Miguel, Riberalta, with what seems to be a more powerful xmt on 4923.6v, heard // 3310.2 (Play-DX via WOR via ODXA)

BOUGAINVILLE - *R. Free Bougainville* is still heard *1000-1100* with news in Pidgin from *1000-1020 and music past 1100. Since moving from 3880 to 3870 kHz the signal seems to have improved in NZ. The station also IDs as "Independent Bougainville" and "the Republic of Bougainville." PNG has been able to isolate the island arousing govt concern in Australia and New Zealand. Many children on Bougainville have died from starvation. (AC on RNMN 10/1) *RFB* is heard near *1100* on 3870 kHz. (AC on

DXPL 10/17) ABC reports on Radio National indicate RFB has shut down, as PNG troops and riot police continue their offensive on Bougainville, shelling the coastal town of Arawa, where the RFB xmt is presumably located. *R.No.Solomons* on 3325 kHz (1900-2200 & 0700-1300) has broadcast PNG govt appeals for islanders to move behind govt lines for aid. (Patrick McDonald, 10/23, Australia, via Fidonet SW Echo, via Guy Atkins)

BULGARIA - A report from the BTA news agency in Sofia says the Voice of America is the most popular foreign radio station in Bulgaria, then BBC, RFE, DW and RFI, in that order. (WBI 10/9)

A former jamming site at Varna with 2 x 100kw xmters, one non-directional antenna, and one beam pointed 15 degrees east of north, is available for broadcasting. *R. Sofia* does not need it, so it's for rent. (Stoyan Kovachev, Bulgarian DX Club, and Andy Sennitt on RNMN 10/22)

A 250 kw xmt at Plovdiv will operate from 1600-2130 for Western Europe on 6235 kHz starting 11/1. (Andy Sennitt, RNMN 10/22)

BURMA - (clandestine) - The *Democratic Voice of Burma*, via Radio Norway, has Burmese daily at 1430-1520. A possible alternate frequency is 15360 kHz. (WBI 10/9)

CAMBODIA - On 9/19 the *Voice of the Khmer* announced it would temporarily suspend transmissions beginning 9/27. The station began broadcasts in 1/84 on MW, and in 10/85 on SW. It supported the Khmer People's National Liberation Front under Sihanouk and Son Sann. (WBI 9/25) Monitoring 9/27-29 confirmed the cessation of transmissions on 6325 kHz. On 8/16 *VOK* had ancd that FUNCINPEC radio would start MW b/casts on 960 kHz "on the 75" mb in the near future". (WBI 10/2) *UNTAC*, the UN agency in Cambodia, broadcasts 1200-1230 in Khmer via the VOA 1 Mw xmt on 1575 kHz in Thailand. There are no EE announcements. It is heard in Japan despite QRM from FEN stations on 1575. (Nobuyoshi Aoi on RJMR 10/18)

CANADA - *Radio Canada International's* broadcast to peacekeeping forces in Yugoslavia, Cyprus and Somalia is now at 2000-2029 on 17875, 17820, 15325, 15140, 13670, 13650 and 11945 from Canada, and on 5995 & 7235 kHz via UK transmitters. (WBI 10/23)

CHINA - The *CPBS* was to begin a seventh program 10/1, 2100-1800, for the Zhujiang Delta area and the Hong Kong and Macao region. (*Wen Wei Po*, via WBI 10/9) No indication of frequency. [df]

COLOMBIA - The *Caracol* network has launched "Colorin Coloradio," Bogota, 1010 kHz, aimed exclusively at children, with children's music and stories. Company officials say it's the first station in SA with an all-children format. Caracol's SW freqs, 5075 and 6150 kHz, are on the air during local nights only. Caracol officers say the SW freqs have no commercial value, but they have a lot of listeners outside the country, and it's a prestige thing for them. (Jeff White on RNMN 10/22)

The other Colombian network, *Radio Cadena Nacional*, has a 50 kw xmtr on 6160 kHz which is under repair and will return perhaps in early 1993. Their main interest on SW is to reach the Colombian communities in Miami and New York. RCN produces a 90-min. morning program for WNWK, New York, 105.9 MHz. Its latest venture is a new Bogota station called "RCN International" on 610 kHz. It's essentially an English-language station, the only one in Bogota, with a 90-min all-news routine during the morning rush hour. When Jeff White asked about putting English on 6160, they said they'd definitely consider the idea. (Jeff White and JM on RNMN 10/22)

COSTA RICA - Jim Latham resumed work on the RFPI 30 kw transmitter after returning from the Monitoring Times convention. RFPI will issue a new series of numbered QSLs to mark the commissioning of the big rig; the xmtr itself will be pictured. (RFPI Mailbag 10/7 via Mike Fern) RFPI is has a special 5th Anniversary QSL - not sure how many or for how long. (Berg)

Radio Exterior de Espana began operating from Ariari 10/6 on 5970 & 17845 kHz. (WBI 10/9 & 16) [No schedule given. df] Ariari apparently came on the air with a regular broadcast schedule on 10/6 at 1800. SS to CA 2200-0500 on 5970. Also, 17845 heard well in NA at 1300; 15110 is also listed for that time-slot. (RNMN, via ODXA)

CROATIA - *Croatian Radio* has told WRTH that its SW xmtrs are located at Deanovec. 6210 kHz is 125 and 305 degrees, 10 kw. 9830 kHz, 10 kw, has an omni-directional antenna. 13830 is 270 degrees, 2 kw. The 300 kw MW xmtr on 1143 kHz has been damaged and is silent. They welcome reports using the SINPO code. Address is: HRT, Transmitters Links, Radnicka 22, 41000 Zagreb, Croatia. Fax number is (38) 41-615559. (Andy Sennitt on RNMN 10/22)

CYPRUS - *Cyprus Broadcasting Corp*, Nicosia, noted on 6030, 7125 & 9770 for weekend Greek service on Fri/Sat/Sun to UK *2215-2245*. 7125 best of the three in Melbourne, 10/3. (Bob Padula)

CZECHOSLOVAKIA - The winter sked of *Radio Czechoslovakia International* certainly

implies that the split of the federation is expected to go ahead 1/1. On the sked, the station calls itself as "Czech and Slovak Radio International". (Andy Sennitt on RNMN) [via ODXA]

DOMINICAN REPUBLIC - A brief review of what's on (and not on) the air:

- *La N-103*, Santiago, not heard on 4800 kHz for a few months.

- *R. Barahona*, Barahona, 4930 kHz, operates very irregularly with local music, 0115 announcements, IDs. Transmitter is 5 kw & suffers modulation and hum problems.

- *Radio Cima*, Santo Domingo, 4962 kHz, always strong and reliable, as 1100 9/26 with "Baladas y Boleros" pgm. Addr: Radio Cima, Av. 27 de Febrero # 265, Santo Domingo.

- *R. Amanecer*, Santo Domingo, 6025 kHz, 10/3 at 0030 with "America 92" program beamed to Miami & New York.

- *Radio Santiago*, Santiago, 9877 kHz, at 2300 with Spanish/English ID w/announcer Carlos Benoit as "This is Radio Santiago International Wave 9875 kHz in the 31 meter band. After 0000 is wiped out by Radio Austria on 9875.

- *Radio Clarin* is gone. Transmitter sold to R. Miami International. (Dino Bloisse, NJ)

ECUADOR - WHAT'S ON THE AIR IN ECUADOR - final update 9/21, from Rich McVicar:

- 2340 *Radio Central*, Riobamba, 2x1170; 1207 lcl nx, ID "Radio Central", & "Frecuencia 11-70 kHz." Good 9/19 & // 4680 (4x1170), which was weak. Nothing hrd on 3510.

- 3220 *IICJB*, Pifo, 1144 Gospel pgmg in Quechua.

- 3270 *Ecos del Oriente*, Lago Agrio, 0126 romantic ballads, ads 0135 including ID.

- 3280 *La Voz del Napo*, Tena, excellent 0124 w/news, 9/19.

- 3285.4 *La Voz del Rio Tarqui*, Cuenca, 1145 Ec. folk music. 1203 YL w/ID "Radio Super, La Voz del Rio Tarqui", oldies program called *Canciones de Ayer* (Songs of Yesterday).

- 3290 No sign of *Radio Centro* lately.

- 3324.6 No sign of *Ondas Quevedenas* over the past few days.

- 3351 *Radio Cumanda*, Coca, 0122 pop music, taped anmts w/heavy echo, into Ecuadorian folk music. Good 9/19. Most of Radio Cumanda's anmts are taped by the same announcer at Radio Orellana in Machachi.

- 4680 see 2340 & 4880

- 4770.7 *Radio Centinela del Sur*, Loja, 0103 "Ovacion" sports pgm, ads for stores in Loja, TC 0137 & mention of Centinela del Sur. Exc 9/20. Back on 4890 at 1219, 9/21.

- 4795 *La Voz de los Caras*, Bahia de Caraquez, 0119 discussion on Ecuadorian economics, ID; good 9/19.

- 4800 *Radio Populare Independiente*, Loja, not heard lately. Usually excellent throughout the day here in Quito.

- 4820 *Radio Paz y Bien*, Ambato, not heard here. But per World of Radio, Brian Alexander in PA heard them at the beginning of September at 0959 w/ID. In April the station said they had no plans to return to SW.

- 4840 *Radio Interoceanica*, Santa Rosa, 0127 interview about students enrolling for the school year. Mention of Interoceanica. Excellent 9/19.

- 4850.5 *Radio Luz y Vida*, Loja, 0129 Ecuadorian folk music & ads. TC/ID "En Emisora Luz y Vida son las 20:33." Very good with ute qrm 9/19.

- 4880 *Radio Nacional Espejo*, Quito. This has been their officially assigned frequency for a number of years. Listed here on the government list, as well as their own stationary, but only actually moved here in August from 4680 kHz. Regularly here during late August & through September.

- 4889.4 *Radio Centinela del Sur*, Loja, 1137 government spokesman discussing prices. TC. Exc 9/19. See 4770.7 kHz.

- 4900 *La Voz de Saquisilí/Libertador*, Saquisilí; 1220 ads, then Ecuadorian folk music. ID by Prof. Mena 1223. Exc 9/21.

- 4920 *Radio Quito*, 0135 folk music program, /760; exc 9/19.

- 4950 *Radio Bahai*, Otavalo; still no sign of them lately. Still nice signals from Sarawak though, around 1140.

- 4961 *Radio Federacion*, Sucua; 1142 in presumed Shuar; exc 9/19.

- 5010 *Escuelas Radiofonicas Populares*, Riobamba, 0140 Quichua w/sports; exc 9/19.

- 5020 No sign of *Voz del Upano* on this frequency or on 5040 over the past few days. This is unusual, as they are normally very regular on these frequencies. See 6000 kHz.

- 5030 *Radio Catolica Nacional*, Quito; has been off for a few months due to a xmttr problem. At the moment the new parts are in customs and the hope to be back on shortwave during October.

- 5040 See 5020

- 5050 *Emisora Jesus del Gram Poder*, Quito; 0118 pop music, TC/ID. Good signals, but fluttery, even though we're in the same city. [must be migratory birds! df]

- 5061 *Radio Nacional Progreso*, Loja, 0141 insecticide ad, ID; Very good 9/19.

- 5965 Nothing heard the past few days.

- 6000 *Voz del Upano*, Macas; 1222 in SS w/history lesson. Very good signals 9/21. (All above from Rich McVicar)

Rich and Lisa McVicar left HCJB Quito about October 1 for a seven months' furlough in the US and Canada (which is well earned but is not exactly a rest.) DXPL is being produced by Ken MacHarg and John Beck in the McVicars' absence. Sergei Sosedkin, a RR DXer and broadcaster, has accepted a position with HCJB's RR-language department and was expected in Quito about Oct. 10. (DXPL 9/26)

R. Centinela del Sur, Loja, tried out 4771 kHz at *0103* 9/20, but returned to its regular freq of 4890 kHz 9/21. *R. Catolica Nacional*, Quito, 5030 kHz, had been silent for several months with xmttr problems, but the new parts were in customs about 9/21 and the station hoped to be back on in October. (RMV/QLB/DXPL 9/26)

La Voz de Los Caras, Bahia de Caraquez, 4795 kHz heard with good signals in Quito at 0105. (KMH/QLB/DXPL 9/26) [If you want to get a feel for what station personnel down under consider an acceptable level of personal exchange or un-businesslike communication, see this station's letter in the Sep. QSL Report.--mf]

HCJB sent nice QSL for special Clayton & Helen Howard call-in pgm, wedding pix of the Howards on front, QSL message on back, V/S Rich McVicar, in one mo. And for an entry in the August stn ID contest, they sent a very nice 1991 numbered cachet with two first day cover stamps commemorating 50th anniversary of R. Quito, plus nice Spanish folder with history on R. Quito. [For anyone who heard the contest, the correct answers were: R. Tarqui, R. Pastaza, R. Frecuencia Lider, R. Santuario, R. Cumanda, R. Centinela del Sur, and (bonus) R. Federacion.]

Ken MacHarg told Jeff White, in an interview on RNMN, that HCJB has been asked by the Ecuadorian government to set up several local AM and FM stations in jungle communities in southern and eastern Ecuador.

KM: Many of those areas are served only by Peruvian stations. A long-running border dispute between the two countries is nearing solution. Even so, Ecuador wants its people to listen to its stations. The government said that HCJB reflects values which they would like to see people have, so they felt that we were the appropriate broadcaster to go down there. HCJB is building several "suitcase xmttrs" in Elkhart, IN. They will take programs from HCJB's 49m freq via Drake R-8s. Later satellite links will be used.

Programming essentially be a relay of HCJB's AM and domestic SW service on 690 and 6050 kHz, with a lot of cultural programming, news, call-ins and some religious programming, sports, health programs.

JM: A few years ago there was talk of HCJB planning SW stations in Hawaii and other places. What happened to those plans?

JW: HCJB has been looking at a number of sites. MacHarg says most of them are in the consideration stage.

KM: We have worked out a cooperative arrangement with FEBA in the Seychelles and a Kenya church group to put a station on in Kenya. That is a very slow process but it has a good chance of bearing fruit. I've heard 20 different locations talked about. HCJB is also

working on developing satellite service for Latin America. We have signed agreements in Romania to put a number of local stations on. We are working with local groups in many countries especially in Europe and Africa and parts of Latin America to help enhance local radio, whether that's programming production or the actual establishment of a station somewhere.

JW: So HCJB is obviously convinced that shortwave has a future.

KM: We who do broadcasts are convinced of that. We're not convinced of all of the doom-saying and crepe-hanging that's going around that SW is going to be dead. [Yeah, I've heard that stuff for 30 years. -df] In my house in Ecuador I have cable TV and I watch CNN and all of that. But outside of Quito, Guayaquil and Cuenca, you don't have cable TV. There are very few satellite dishes here. Maybe that's coming. But there are many, many places in the world where shortwave is still a viable international medium. Cable itself still has the danger of being restricted by a government, where shortwave has the ability to flow freely over borders. I think there's a good future for international broadcasting. (Ken MacHarg and Jeff White on RNMN 10/22)

HD210A, Guayaquil, 7600 kHz, the Ecuadorian Navy standard time station, is being heard in Japan from 0800-1100 with poor to fair signals. It has time pips every second and a SS time anmt every minute. WRTH 92 says 1800-0500. (Nobuyoshi Aoi on RJMR 10/18) Also heard in CA with weak signals, voice barely audible, at 0620 10/20. (Mike Fern--CA)

ERITREA - (*Clandestine*) - The *Voice of the Broad Masses of Eritrea* was being heard in Europe on 7380 kHz from *1630-1700 daily with talks and music in a local language. Eritrea declared itself independent (of Ethiopia) a while ago, but it's not clear whether the station is an official voice or a clandestine one. (DSWCI and Julius Herrmanns on RNMN 9/23)

ETHIOPIA - The *Voice of the Broad Oromo Masses* shares transmitter facilities in Addis Ababa with the *Voice of the Ethiopian People for Peace, Democracy and Freedom*. Both support the Ethiopian People's Revolutionary Democratic Front (EPRDF). VBOM operates on 6940 and 8000 kHz at 0430-0530 and 1600-1700 in Oromo. VEPPDF uses the same frequencies at 0330-0430, 1345-1445 (Su) and 1500-1600, all in Amharic. (WBI 9/25)

The *Voice of the Tigray Revolution*, in Mekele, supports the EPRDF and operates on 6770, 7450 and 7820 kHz at 0400-0500, 1345-1445 (Su) and 1500-1600, all in Tigrigna. (WBI 9/25)

A new Amharic language station, the *Voice of Ethiopian Patriotism* [Amharic: *Admas Ethiopia Yeager Fikir Dimts*], was first heard at

1530-1600 on 10/4 & again 10/7 & 10/11. It and bcsts Su & We only at 1530-1600 in the 16, 19, 25 & 31 meter bands, but so far has been heard only on 17570 & 21785 kHz, immediately after an Amharic bcst by Radio Moscow on the same frequencies. The RM bcst normally runs 1500-1600, but was cut short these days. The new radio supports the Coalition of Democratic Forces (CEDF), which was established in the USA in April 1991. The radio is hostile to the Transitional Govt of Ethiopia led by the EPRDF and the Provisional Govt of Eritrea led by the EPLF. It attacks EPRDF leader Meles Zenawi and EPLF leader Isayas Afewerki and claims that the Ethiopian elections in June were rigged. It and the following addresses: (1) Voice of Ethiopian Patriotism, P. O. Box 5077, 163 05 Spanga, Stockholm, Sweden; (2) Coalition of Ethiopian Democratic Forces, P. O. Box 21307, Washington, DC 20009, USA. (WBI 10/16)

FINLAND - For W92, *Radio Finland* is listed with SSB 1100-1200 on 15330 to Waf. Some NF's include: 15120 0630-0800 to Waf, 9730 1500-2300 to Waf and Ea.Eur., 11735 1200-1300 to NA, 11740 2130-2300 to SA, 11810 2130-2300 to EAs. (Radio Finland via Bob Padula in ADXN 10/92)

FRANCE - *RFI* on new 5910 in FF at 2100-2200*. Terrible QRM to long established Brussels, co-channel, noted here in Melbourne as at 10 October. (Bob Padula in ADXN 10/92)

RFI has increased its daily output in Serbo-Croatian by an hour since 10/7: 1900-2000 on 7135. The other two hours are 1500-1600 & 2000-2100. (WBI 10/9)

GABON - *NIHK-Moyabi* found on new 11925 with EE to Eu/ME 2230-2300*, QRMing co-channel VOA-Philippines, 10/3. (Bob Padula)

GERMANY - *Deutsche Welle* in EE for the S.Pacific at 2100-2150 has dropped 3 freqs - now only on 6185 and 9690 kHz. Also heard on 9670, 9765 and 11785. (AC on DXPL 10/17)

GREECE - *Voice of Greece* on 9400, ex 9395, for Bulgarian 2010, // 7450, 10/2. (Bob Padula)

GUAM - *KTWR, Trans-World Radio*, was still on the air in mid-September. However, its transmitters operated with only 20 kw output each because Guam's electric power system had not been fully restored. (RJMR 9/21)

KSDA, Adventist World Radio, Agat, had at least one xmtr back in service 10/7, carrying CC for China on 11980 kHz at *1140-1205*, with EE anmt on the hour. (Mike Fern--CA)

KSDA, lost two transformers in two xmtrs in Typhoon Omar, but was not damaged by Typhoon Brian in October. Brian lost speed and

punch just before it hit Guam. KSDA has replaced both transformers, so one xmtr was back on in early October and the second was expected back on in the last week of October. (Gary Benton, KSDA, on RNMN 10/22)

HAITI - *Radio Negmaon*, a pro-Jean Baptiste Aristide organization based in New York, began regular broadcasts to Haiti in Creole via RFPI in September. The one-hour programs are at 2000 Sat, 0400 & 1200 Sun on 7375 and 15030 kHz AM and 7385 and 13630 kHz SSB. RFPI says "Negmaon" refers to the very early black rebels against the French who went into the Haitian bush between 1780-1800. Glenn Hauser in WoR 660 gave the mailing address as: c/o Rocklanders for Democracy, P.O. Box 127, Nyack [Rockland County], NY 10960. RFPI's promo spots say S.O.R. at the same address. (Mike Fern--CA)

INDIA - *All India Radio Home News Service* in English (EE) & Hindi (HH) (all 5 minute broadcasts unless noted otherwise): 0030 HH & 0035 EE on 3925, 6045, 7160, 11830, 11920, 15120; 0130 HH on 4860, 7110, 11830, 11870, 15120, 15220; 0215-0230 EE & 0230-0245 HH on 594, 3945, 4860, 6045, 7110, 7210, 7260 (not EE), 9535 (not EE), 11830, 15120, 15220, 17875. 0330-0355 HH/EE (Newsletter from the States) on 4860, 6045, 7110, 11830, 15120, 15220, 17875; 0355 Su in HH (Lok Ruchi Samachar) on the same frequencies and 6045. 0730 EE & 0735 HH on 15165, 15250, 17850; 0830-0840 EE & 0840-0850 HH on 7110, 7210, 1610, 11970, 15165, 15250, 17705, 17795, 17820. 0850-0910 English & 0910-0930 Hindi (both slow speed), 0930 EE, 0935 HH, 1130 HH & 1135 EE on 7210, 9610, 11970, 15165, 15250, 17705, 17795, 17850. 1230 ee & 1235 HH on 3925, 6045, 9615, 11770, 15145; 1335 HH on 3925, 4860, 7160, 7225, 7412, 9950/10330; 1335 HH (sports) on 3925, 4860, 7412. 1430 EE on 3925, 6085, 7160, 7290, 9950, 10330; 1435 EE (sports) on 3925, 7160, 7290, 10330. 1515-1530 HH, 1530-1545 EE on 1134, 3925, 3945, 7160, 7290, 7412, 9715, 9950, 10330. 1735 EE & 1735 HH on 3905, 3925, 7160, 7290, 10330. (WBI 9/25)

All India Radio Home News Service (vernacular languages), all 10 minutes unless noted otherwise: 0125-0130 Sanskrit on 4860, 7110, 11830, 11870, 15120, 15220; 0135-0145 Assamese, 0145 Oriya, 0155 Bengali, all on 11870, & 15220. 0135 Telugu, 0145 Tamil, 0155 Malayalam, 0205 Kannada, 0215 Gujarati, all on 11830 & 15120 kHz. 0215 Kashmiri on 4860 & 7110. 0300-0310 Punjabi on 4860 & 4960; 0310-0320 Sindhi on 4860, 6045, 7110, 11830, 15120; 0320 Urdu on 4860, 6045, 7110, 11830, 15120, 15220, 17875. 0700 Telugu, 0710 Tamil, 0720 Malayalam, 0740 Kannada, 0750 Gujarati, all on 15250, 17850. 0800 Bengali on 11735, 15165; 0800 Marathi on 6085, 9610, 15250; 0810 Assamese on 15165,

17850; 0810 Punjabi on 9610; 0820 Oriya on 15165, 17850; 0820 Urdu on 9610, 11970, 15250. 1240 Sanskrit on 3925, 6045, 9615, 11770, 15080, 15145; 1245 Sindhi on 3925, 6045; 1255 Kashmiri on 3925, 9615; 1335 Assamese, 1355 Nepali & 1405 Bengali, all on 7225, 10330; 1335 Telugu on 7160, 9950; 1345 Dogri on 3925, 4860; 1345 Oriya on 7225, 10330; 1345 Tamil, 1355 Malayalam, 1405 Kannada, 1420 Gujarati, all on 7160, 9950; 1435 Marathi on 9950; and 1546-1600 Urdu on 3925, 7290, 9715, 9950. (WBI 9/25)

Five new SW xmtrs are installed and under test for the AIR home services: Jaipur, Rajasthan; Itanagar, Arunachal Pradesh; Gangtok, Sikkim; Imphal, Manipur; and Thiruvananthapuram in Kerala.

A 50 kw xmtr at Jaipur is testing intermittently at 0030-0230 on 3345 kHz; 0230-0430 and 1130-1740 on 4910 kHz; 0430-1130 on 7200 kHz. 3345 is shared with AIR Jammu (1 kw) at 0120 and 1130, which poses severe QRM problems in northern India.

Another 50 kw xmtr is testing at Itanagar in NE India; it is expected to relay the local MW outlet on 675 kHz at 2330-0400 and 1030-1415 on 4970 kHz; 1415-1730 on 3205 kHz.

Another NE India station at Imphal with 50 kw is expected to begin tests soon at 2330-0430 and 1130-1730 on 4760 kHz, and 1415-1730 on 3305 kHz. The MW outlet is on 882 kHz.

Gangtok, the capital of Sikkim, gets a 10 kw xmtr which may be testing at 0000-0400 and 1415-1730, on 3390 kHz; or 0000-0430 and 1130-1800 on 4775 kHz. The final freq choice may follow extensive tests.

Thiruvananthapuram, capital of the southern state of Kerala, also gets a 10 kw xmtr on 5010 kHz at 2300-0430 and 1030-1830. For more info, write Media Network and ask for the Indian Media Fact Sheet. [WRTH 92 has two different, longer, spellings, so you'd better write. Pity the poor primary school pupils.--mf] (Manosij Guha, Delhi, on RNMN 10/8)

- GOA - This radio country, will likely have returned to the air by the time you're reading this from a site at Bambolin, near Panaji, the main town of what is now the state of Goa. The AIR External Service will use two 250 kw xmtrs to take over most of the services to W.Asia and to W.Eur. from the xmtrs at Delhi, Aligarh and Bombay. As well, a new ME/Gulf Svc in Hindi is to be added at 0315-0415. Frequencies on the HF bands are still to be confirmed. (Manosij Guha's 'DX-Grapevine' and UDXL, via Dave Clark & ODXA) Erection of antennas at the AIR site at Goa has been delayed by monsoon rains, but tests should have begun early in Oct. (Xavier DeSouza, Goa, on RNMN 10/8)



English Language Shortwave Broadcast Schedules *November 1992*



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Contributions from NASWA members and broadcasters are welcome. Please fax, email or send schedules and other contributions by the monthly deadline of Thursday before the last Saturday of the month. Broadcasters, please place us on your mailing list.



Just a reminder... the 1993 edition of the *World Radio TV Handbook* should be available during the first week of January 1993. Watch for the prepublication offers. Don't miss out. The 1992 edition sold out early.

English Schedules

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Prepared 10/29/92 at 7:56 PM.

This month, thanks to David Alpert (NY), John Carson (OK), Arnaldo Coro (RHC), A. Akad Cukurova (TRT), Kunitoshi Hishikawa (R Japan), Hans Johnson (MD), Dave Kenny (BBC WBI-MS), Adam Lock (WWCR), Tetsuya Kondo (Japan), Jonathan Marks (RN), Andy Sennitt (WRTH), and Thomas Schaff (WYFR).

Notes

Congratulations to Anki and George Wood on the October 18th birth of Michael Wood. Mother and daughter are doing well. There's no word on how the host of SCDX is doing...

Dave Kenny tells me that most R Yugoslavia transmissions are from a transmitter site at Bijeljina in eastern Bosnia-Herzegovina. Rather than shift an hour upon the return to standard time, R Yugoslavia re-timed its 30-minute NA service to 01 and 02 UT on 9580 kHz (formally 0030 and 0130 UT on 11870). 9580 is a busy frequency, as R Tirana uses this and new 11840 at 0130 and 0230 UT.

At the first of the year, Czechoslovakia splits into two states and the international voice will be renamed Czech & Slovak Radio Int'l.

The declining sunspot cycle is forcing Radio Havana Cuba to move its NA service to significantly lower frequencies. Arnie Coro tells me he is looking for a 41m frequency on which RHC will activate a refurbished 10 kw SSB-only transmitter.

WWCR moved from 13815 to 13840 kHz on October 20 and then 13845 on October 27. The first move was in response to an FCC request. The Canadian government, on behalf of the Haitian embassy, complained of interference. The second move was due to KHBI/Saipan's complaint of co-channel interference, even though WWCR's rhombics aim NE. More WWCR news: Transmitter #3—a Harris 100-B 100 kw—was officially on order as of October 22, with delivery expected in 4-6 months. The third rhombic

antenna is already in place, and the combination will deliver some 2.5 mega-watts ERP.

Don't get fooled by those who tell you the International Committee of the Red Cross is no longer on the air. In reply to my inquiry, I received a large package of information. The ICRC is alive and well, and still broadcasts its own programming to Europe on 7210. For targets elsewhere in the world the ICRC and Swiss Radio Int'l co-produce programs in six languages for airing within SRI's normal broadcast schedule. The English language "Red Cross Review" program is aired on the last Thursday of the month. Other languages are broadcast on different days of the month.

Tetsuya Kondo reminds us that R Japan's *DX Corner* will once again be heard in NA via Sackville, UT Sundays 0330 on 5960 kHz.

Educated guesses. I assume KJES operates on local time and so will shift a UTC hour. The only "sure" Iraqi transmission I can hear is 22-24 UT; and once I heard the 2315 sign-on before the fade into the noise. Other releases listed were heard in the past and may have shifted a UTC hour later. The BBC MS was also working on updating the Iraqi schedule during October.

Testing... anyone out there? Bob German posted on Compuserve that WEWN would begin low powered tests on 21840 after 18 UT on October 15 or 16. Jeff White was anticipating WRMI testing on 9955 during the third quarter of 1992, but we haven't heard any updates on this one yet.

New publications. The WRTH Equipment Buyers Guide is nearing completion. Rather than merely compile reviews from the last 5 WRTHs, Willem Bos and Jonathan Marks updated reviews and re-tested upgraded models. Its 260 pages covers receivers and antennas (active and passive), news of computer software, plus articles. The price will be \$19.95. The 1993 World Radio TV Handbook will also contain equipment reviews, including the new Yaesu FRG-100. More details on both publications will be released soon.

Tired of cutting and pasting the schedules in this column? Want to look up a schedule by country or by frequency? Have an IBM PC compatible computer with a fixed disk and a modem? The English Language SWBC Schedules program retrieves data by country or transmission start time, and loads frequencies into JRC or Kenwood receivers. A subscription to the data files through a telephone BBS keeps you updated, or you can keep up the data files yourself. A catalog is available for an business-size SASE to TRS Consultants, PO Box 2275-NA, Vincentown, NJ 08088-2275, or download the catalog from the Pinelands RBBS at 609-859-1910.

English Language Schedules

By Start Time, As of

Oct. 31, 1992

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	0030	Australia	R Australia	17750	17715	15365	15320	15170	13605			As/Pac/PapNG		9/23/92
0000	2400	Canada	CFCX	6005								Canada	relay CFCF-600	1/27/92
0000	2400	Canada	CFRX	6070								Canada	relay CFRB-1010	1/28/91
0000	0130	Canada	R Canada Int'l/USA	9755	5960							USA	Sa&Su -0200	10/19/92
0000	0100	China	China R Int'l	11715	9770							wNA/eNA	#1&2 v Mali	9/1/91
0000	2400	Costa Rica	R for Peace Int'l	15030	13630	7385	7375					LA/NA	#2&3 USB	9/4/92
0000	0200	Cuba	R Havana	6060	6000							eNA	#2 USB	10/24/92
0000	0027	Czechoslovakia	R Czechoslovakia	11990	9580	7345						NA		5/13/92
0000	0030	England	BBC	15070	12095	9590	7325	6175	5975			WS: NA/CA/Carib		4/15/92
0000	0030	Lithuania	R Vilnius	17690	17605	11660	9530					NA/Eu	#3 to 11/2/92	10/2/92
0000	2400	Luxembourg	R Luxembourg	15350								Eu	Eng svc closes 12/31	10/8/92
0000	0200	N Mariana Is	KHBI	17865	17555							Japan/eUSSR/seAs/Ph	355/270 deg#1 Sa-Su	2/13/92
0000	0050	North Korea	R Pyongyang	15115	13760	11335						Am		12/2/90
0000	0030	Norway	R Norway Int'l	9645								NA	Su & Mo only	9/24/92
0000	0230	Philippines	FEBC	15450								seAs/India		10/15/91
0000	0100	Russia	R Moscow Int'l	17570	17560	15470	15425	12070	12005	11750	9810	World Service		10/5/92
0000	0100	South Korea	R Korea	15575								Am		3/15/90
0000	0100	Spain	R Exterior de Espana	9530								NA		11/8/91
0000	0030	Switzerland	Swiss R Int'l	17730	12035	9885	9650	6135				NA/CA	#1 v Brazil	9/25/92
0000	1600	USA	KTBN	7510								eNA		9/25/92
0000	0100	USA	VOA/Am	15205	15120	11695	11580	9775	9455	7405	6130	Americas/Caribbean	alt pgm #3,6,8	8/7/92
0000	0100	USA	VOA/E As	17820	17735	15290	15185	11760	9770	7120		eAs/seAs/Pac		3/26/92
0000	0200	USA	WCSN	9850								c&sAI	90 deg	12/23/91
0000	2400	USA	WJCR	7490	7465							neNA/Eu/ME/CA/SA		8/14/92
0000	0200	USA	WSHB/1	13760								SA	167 deg	9/22/91
0000	0200	USA	WSHB/2	7395								e&cNA/Car	25/173 deg	9/22/91
0000	1100	USA	WWCR/1	7435								NA		10/20/92
0000	0100	USA	WYFR	6085								eNA	Network M-Sa	10/12/92
0000	1300	USA	WHRI	7315								eNA	42 deg	9/25/92
0030	0100	Australia	R Australia	17880	17795	17750	17715	15365	15320	15240	15170	As/Pac/PapNG		9/23/92
0030	0055	Belgium	R Vlaanderen Int'l	13655	9930							SA/NA		9/22/92
0030	0430	Ecuador	HCJB	21455	15155	15115	9745					NA/SA	#1 USB #2 SA	9/27/92
0030	0230	England	BBC	12095	9915	9590	7325	6175	5975			WS: NA/CA/Carib		4/15/92
0030	0130	Iran	V of Islamic Rep of Iran	15315	15260	9022						NA		9/27/92

0030	0125	Netherlands	R Netherlands	11835	11655	9860	6165	6020			sAs/eNA	#1&4 Bon #2&3 Mad	9/22/92
0040	0055	Venezuela	R Nacional de Venezuela	9540							SA	news/Eng Tu-Su	6/8/91
0100	0200	Argentina	RAE	11710							Americas	Tu-Sa	10/24/92
0100	0130	Australia	R Australia	21590	21740	17880	17795	17750	17715	17670	15365	As/Pac/PapNG	9/23/92
0100	0145	Bulgaria	R Sofia	11720	9700	7225					NA		10/17/92
0100	0200	Canada	R Canada Int'l/VA	13720	11940	11845	9535				LA	Su-Mo	9/24/92
0100	0130	Czechoslovakia	R Czechoslovakia	9580	7345	5930					NA		5/13/92
0100	0150	Germany	R Deutsche Welle	11865	9770	9700	9610	9565	9515	6145	6085	NA	9/25/92
0100	0120	Italy	RAI	11800	9575						NA		3/19/88
0100	0200	Japan	R Japan	17845	17835	17810	15195	11840				GOS/Asia/NA	#5 Sri Lanka
0100	0130	Norway	R Norway Int'l	9565								NA	Su & Mo only
0100	0200	Russia	AWR Russia	11855								nIndia	v Novosibirsk
0100	0200	Russia	R Moscow Int'l	17570	17560	15425	12070	12005	11750	9810	9640	World Service	
0100	0200	Spain	R Exterior de Espana	9530								NA	
0100	0130	Sweden	R Sweden	11820	9695							Aus/As	
0100	0200	Ukraine	R Ukraine Int'l	17690	17605	15195	12060	11790	9685	9665	7240	NA/Eu	#9 not annod
0100	0200	USA	VOA/Am	15205	15120	11580	9775	9455	7405	6130	5995	Caribbean/Americas	
0100	0300	USA	VOA/S As	21550	17740	15250	11705	9740	7205	7115		sAs	7651 USB
0100	1400	USA	WWCR/2	5920									10/20/92
0100	0130	Uzbekistan	R Tashkent	11975	9740	7325	7235					As	5/4/92
0100	0130	Yugoslavia	R Yugoslavia	9580								NA	9/28/92
0130	0155	Albania	R Tirana	11840	9580							NA	9/28/92
0130	0200	Australia	R Australia	21590	21740	17795	17750	17715	17670	15365	15320	As/Pac/PapNG	9/23/92
0130	0200	Austria	ORF	13730	9875	9870						NA/SA	9/22/92
0130	0140	Greece	V of Greece	11645	9420	9395						NA	10/9/92
0130	0225	Netherlands	R Netherlands	11655	9860							sAs	News/Eng ex Su
0145	0200	Vatican State	Vatican Radio	15090	11935							As/AusNZ	v Madagascar
0200	0400	Australia	R Australia	21525	17795	17750	17715	17670	15365	15320		As/Pac/PapNG	21590/21740/15240 Sa
0200	0300	Canada	R Canada Int'l/VA	13720	11940	11845	9755	9535				LA	Tu-Sa
0200	0430	Cuba	R Havana	9655	6060							cNA/eNA	10/24/92
0200	0330	Egypt	R Cairo	11865	9475							NA	10/15/92
0200	0250	Germany	R Deutsche Welle	12065	11945	9690	9615	7285	6035			sAs	9/25/92
0200	0300	Guam	KSDA	13720								China	Sa-Su 300 deg
0200	0500	Iraq	R Iraq Int'l	15340								NA	Arabic/Eng
0200	0300	Italy	Italian Radio Relay Serv	7125								NA/AusNZ	
0200	0400	N Mariana Is	KHBI	17865	17555							Japan/eUSSR/saAs/Phi	355/270 deg Sa-Su
0200	0230	Norway	R Norway Int'l	9565								NA	Su & Mo only
0200	0255	Romania	R Romania Int'l	11940	11830	9570	9510	6155	5990			NA	11/8/90
0200	0300	Russia	R Moscow Int'l	17560	15425	13775	12070	12005	11810	11750	9775	World Service	
0200	0300	South Africa	Channel Africa	9730								e&cAf	8/30/92
0200	0230	Sweden	R Sweden	11705	9695							NA	3/29/92
0200	0230	Switzerland	Swiss R Int'l	12035	9885	9650	6135					NA	3/26/92
0200	0300	Taiwan	V of Free China	15345	11860	11740	9765	9680	5950			NA/Jap/As/CA/AusNZ	#3,5,6 v WYFR
0200	0230	USA	VOA/Am	15205	15120	11580	9775	7405	5995			Caribbean/Americas	Tu-Sa

0200	0400	USA	WCSN		9350					eAf		75 deg	9/22/91
0200	0400	USA	WSHB/1		13760					SA		167 deg	9/22/91
0200	0400	USA	WSHB/2		9455					w&cNA/Mex		315/245 deg	9/22/91
0200	0230	Yugoslavia	R Yugoslavia		9580					NA			9/28/92
0230	0255	Albania	R Tirana		11840	9580				NA			9/28/92
0230	0330	England	BBC		12095	9915	7325	6175	5975	WS: NA/CA/Carib			4/15/92
0230	0325	Netherlands	R Netherlands		11655	9860				sAs	v Madagascar		9/22/92
0230	0245	Pakistan	R Pakistan		21730	17725	17640	15115	9545	s&seAs	Slow-speed news		4/7/91
0230	0330	Philippines	R Philippines		21580	17840	17760			eAs			8/27/91
0230	0300	Portugal	R Portugal		11840	9705	9600	9570		SA/NA	Tue-Sat		1/23/92
0230	1400	USA	KCBI		9815					Canada	authorized		3/29/91
0245	0310	Finland	R Finland		15400	11735				NA			10/12/92
0250	0315	Vatican State	Vatican Radio		9605	7305				NA			9/24/92
0255	0400	Netherlands Antil	Trans World Radio		11930	9535				NA/Carib	#2 0300-		5/24/92
0300	0400	China	China R Int'l		11715	9770	9690			wNA/eNA	#1&2 Mali #3 Spain		8/26/91
0300	0330	Czechoslovakia	R Czechoslovakia		9810	7345	5930			NA			10/17/92
0300	0350	Germany	R Deutsche Welle		9770	9705	9640	9545	9535	6120	6085	6055	9/25/92
0300	0425	Guatemala	TGNC		3300								12/23/87
0300	0400	Honduras	HRPC		3250					Americas	Su-Mo		2/29/92
0300	0400	Hungary	R Budapest		11910	9835	6110			NA			3/27/92
0300	0330	Japan	R Japan		21610	17825	17810	15325	15230	5960			10/19/92
0300	0400	Russia	R Moscow Int'l		17890	15425	13775	11815	11750	9530			10/4/92
0300	0510	South Africa	Radio Oranje		3215								4/21/92
0300	0400	South Africa	Channel Africa		9730	3995							8/30/92
0300	0400	Taiwan	V of Free China		15345	11745	9765	9680	5950				7/7/90
0300	0400	USA	VQA/Af		15115	11895	11835	9885	9575	7405	7280	7265	9/23/92
0300	0400	USA	WRNO		7395					Africa	#4,5 v WYFR		9/23/92
0300	0400	USA	WYFR		9505	6065				NA/CA	15752 USB -0700		3/26/92
0300	0500	USA	WYFR		9505	6065				NA	Spanish Tu-F		10/24/92
0315	0335	Vatican State	Vatican Radio		11625					eAf	Network M-Sa		9/24/92
0330	0400	Austria	ORF		13730	9870				NA/CA			9/21/91
0330	0430	England	BBC		12095	5975				WS: NA/CA/Carib			4/15/92
0330	0400	Japan	R Japan		17810	11870	5960			GOS/Asia/NA	#3 v Canada		10/19/92
0330	0425	Netherlands	R Netherlands		11720	9590				wNA	v Bonaire		9/22/92
0330	0400	United Arab Emir	R Dubai		17890	15400	13675	11945		NA			6/21/92
0340	0350	Greece	V of Greece		11645	9420	9395			NA	News/Eng ex Su		10/9/92
0340	0355	Venezuela	R Nacional de Venezuela		9540					SA	news/Eng Tu-Su		6/6/91
0345	0400	Armenia	R Yerevan		13645	11790	11675			NA	News/Eng		9/24/92
0400	0600	Australia	R Australia		21525	17880	17795	17750	17715	17670	15365	15320	9/23/92
0400	0540	Bulgaria	R Sofia		11720	9700	7225			As/Pac/PapNG	21590/21740/15240 Sa		9/23/92
0400	0430	Canada	R Canada Int'l/Eu		9650					NA/Eu			10/17/92
0400	0430	Canada	R Canada Int'l/ME		9670	9505				Eu	v Port		9/24/92
0400	0500	China	China R Int'l		11680					ME	#1 UK #2 ORF		9/24/92
0400	0430	Czechoslovakia	R Czechoslovakia		13715	11985	9810	7345	5930	wNA	v Fr Guinea		10/27/92
0400	0450	Germany	R Deutsche Welle		13770	11765	9765	9665	9565	7275	7225	7150	10/17/92
										eAf/ME/sAs/NA			9/25/92
										s&c&eAf/ME			

0400 0600	N Mariana Is	KHBI	17780	17555									eAs/seAs/Phil	340/270 deg/#2 Sa-Su	2/13/92
0400 0450	North Korea	R Pyongyang	17765	15230	15180								seAs		7/15/90
0400 0430	Norway	R Norway Int'l	9650	9560									wNA	Su & Mo only	9/24/92
0400 0425	Romania	R Romania Int'l	11940	11830	9570	9510	6155	5990					NA		11/8/90
0400 0500	Russia	R Moscow Int'l	17890	15535	15470	15425	15415	15375	13775	12045			World Service	#4 wNA	9/12/92
0400 0500	South Africa	Channel Africa	15220	3995									wA/sAf		8/30/92
0400 0430	Switzerland	Swiss R Int'l	13635	12035	9860	6135							wNA		9/25/92
0400 0450	Turkey	V of Turkey	9445										NA		9/28/92
0400 0430	USA	VOA/AI	15115	11850	11835	11835	9885	9575	7405	7280			Africa		9/23/92
0400 0500	USA	VOA/ME	7170	6140	6040	5995							ME/nAf/Eu	6873 LSB -0700	9/24/92
0400 0600	USA	WCSN	9840										sAf	105 deg	12/23/91
0400 0700	USA	WMLK	9465											Mo-Sa	8/30/89
0400 0600	USA	WSHB/1	9870										Mex	230 deg	12/23/91
0400 0600	USA	WSHB/2	9455										w&cNA	315 deg	9/22/91
0425 0440	Italy	RAI	9575	7275									Mediterranean		4/24/91
0430 0500	Cuba	R Havana	6060										eNA		10/24/92
0430 0500	England	BBC	5975										WS: NA/CA/Carib		4/15/92
0430 0500	Russia	AWR Russia	15125										neEu	v Ekaterinoburg	5/23/92
0430 0500	Swaziland	Trans World Radio	9760	9610	9550	7285	7255	7200	5055	4760			sAf	only 1 freq/bnd used	6/5/89
0430 0500	USA	VOA/AI	15115	11850	9575	7405	7280	7265	6035				Africa		8/7/92
0445 0515	Sri Lanka	SLBC	15425	9720									wNA	Tu	3/26/92
0500 0700	Cuba	R Havana	6060										wNA		10/24/92
0500 0700	Ecuador	HCJB	21455	11925									NA	#1 USB	5/15/92
0500 0730	England	BBC	9640	5975									WS: NA/CA/Carib		9/26/91
0500 0550	Germany	R Deutsche Welle	9690	9670	9535	6130	6120	6045	5960				NA		9/25/92
0500 0515	Israel	Kol Israel	9435										wEu/NA		10/25/92
0500 0600	Japan	R Japan	21610	17860	17825	17810	17765	15230	7230	6085			GOS/As/Oc/NA/Eu/ME	#7&8 v UK Super MN 2-14-91	9/24/92
0500 0600	Namibia	R Namibia	3270										wAf		3/14/91
0500 0700	Nigeria	V of Nigeria	7255												7/23/91
0500 0600	Russia	R Moscow Int'l	17890	15425	12045	12010	11995	11980	11765	11765			World Service	#2 wNA	9/13/92
0500 0600	South Africa	Channel Africa	15220										wAf		8/30/92
0500 0600	Spain	R Exterior de Espana	9530										NA		11/17/91
0500 0700	Swaziland	Trans World Radio	11835	11760	11740	7285	7255	7200	5055	4760			sAf	only 1 freq/bnd used	6/5/89
0500 0600	USA	VOA/AI	15600	15115	11850	9885	9575	1405	6035				Africa		9/23/92
0500 0530	USA	VOA/ME	15205	11825	9700	9530	7170	6140	6040	5995			ME/nAf/Eu		9/24/92
0500 0600	USA	WYFR	13695	11915	9880	5985							Eu/AI/NA		10/24/92
0500 0530	Vatican State	Vatican Radio	17730	15090	11625								e&sAf		9/24/92
0500 0600	China	China R Int'l	11840										wNA	v Canada	10/27/92
0515 1615	South Africa	Radio Oranje	9630												4/21/92
0530 0600	Austria	ORF	21490	15410	13730	6155	6015						ME/Eu/wNA	#5 v Canada	9/22/92
0530 0555	Romania	R Romania Int'l	21665	17790	17745	17720	15380	11840					AI		10/30/92
0530 0600	United Arab Emirs	R Dubai	21700	17830	15435								seAs/As		5/6/91
0530 0600	USA	VOA/ME	15205	11825	9700	9530	7170	6140	6060	6040			ME/nAf/Eu		9/23/92
0555 0825	Malaysia	V of Malaysia	15295	9750	6175								Aus/NZ/Indonesia		4/30/89

0600	0630	Australia	R Australia	21525	17880	17795	17750	17715	17670	15385	15320	As/Pac/PapNG	21590/21740/15240	Sa	9/23/92
0600	0650	Germany	R Deutsche Welle	17875	15435	15185	13790	13610	11765			wA/			9/25/92
0600	0700	Italy	AWR Europe	7205								Eu/nA/ME			4/27/92
0600	0830	Kiribati	R Kiribati	17440								Pacific	0.5 low		9/10/92
0600	1000	Lebanon	V of Hope	6280	6215							ME	# 2 alt		1/25/90
0600	0800	Malta	V of the Mediterranean	9765											2/9/92
0600	0800	N Mariana Is	KHBI	17780	17555							China/seAs/Phil	310/270 deg		2/13/92
0600	1500	Namibia	R Namibia	7165									-16 SaSu JMN 2-14-91		3/14/91
0600	0650	North Korea	R Pyongyang	15230	15180							seAs			7/15/90
0600	0700	Russia	R Moscow Int'l	12045	11995	11980	11765	11675	9880	9685		World Service	limited by low MUF		9/13/92
0600	0700	South Africa	Channel Africa	15220								Far wA/			8/30/92
0600	0700	South Korea	R Korea	15170	11810	7275						wNA/GOS			3/18/91
0600	0630	Switzerland	Swiss R Int'l	17565	13635	9860						A/			9/25/92
0600	0700	USA	VOA/A/1	15600	15115	11925	11850	9885	9575	9530	7450	Africa			9/23/92
0600	0700	USA	VOA/ME	15205	11825	11805	7325	7170	6080	6040	6005	ME/nA/Eu			9/23/92
0600	0800	USA	WCSN	9840								Eu	60 M-F / 45 S-S		9/24/92
0600	0800	USA	WSHB/1	9870								wMex	245 deg		9/22/91
0600	0800	USA	WSHB/2	9455								wNA	315 deg		9/22/91
0600	0620	Vatican State	Vatican Radio	7250	6245							ME/Eu			9/24/92
0600	0615	Switzerland	Swiss R Int'l/Eu	9535	6165	3985						Eu			9/25/92
0600	0700	USA	WYFR	13695	11915	7355	5950					Eu/A/NA			10/24/92
0615	0700	Canada	R Canada Int'l/A/1	11835	9740							A/	M-F/v UK		9/24/92
0615	0700	Canada	R Canada Int'l/Eu	9760	7155	6150	6050					Eu	M-F/#2,4 v UK		9/24/92
0630	0700	Australia	R Australia	21525	17880	17795	17715	17670	15365	15320	6020	As/Pac/PapNG	21590/21740/15240	Sa	9/23/92
0630	0700	Austria	ORF	6015								wNA	v Canada		9/21/91
0630	0900	Italy	Italian Radio Relay Serv	7125								Eu/nA/ME	M-F, Sa -10, Su -15		10/25/92
0630	0700	Vatican State	Vatican Radio	17730	15090	11625						c&s&wA/			4/18/92
0632	0643	Romania	R Romania Int'l	11775	9570	9510	7225					Eu	news		10/30/92
0645	0715	Romania	R Romania Int'l	21865	17805	17720	15335	11940	11810			Pac			5/20/90
0700	0730	Australia	R Australia	21525	17750	17715	17630	15365	15320	6020		As/Pac/PapNG	21590/21740/15240	Sa	9/23/92
0700	0730	Czechoslovakia	R Czechoslovakia	11990	9505	7345	6055					Eu			9/27/92
0700	0830	Ecuador	HCJB	21455	15270	11730						Eu	#1 USB		5/23/92
0700	0800	Japan	R Japan	21575	17860	17810	17765	15170	6025	5970		GOS/As/Oc/Eu/ME	#1 v Gabon/#6&7 v UK		10/24/92
0700	1206	New Zealand	R New Zealand Int'l	9700								Pacific			9/25/92
0700	0750	North Korea	R Pyongyang	17765	15340							seAs			7/15/90
0700	0800	Russia	AWR Russia	11855								Pakistan	v Nobosibirsk		4/3/92
0700	0835	Swaziland	Trans World Radio	11835	11760	11740	7285	7255	7200			sA/	only 1 freq/bnd used		6/5/89
0700	0800	Taiwan	V of Free China	5950								NA	via WYFR		8/5/89
0700	0800	USA	WYFR	13695	11915	7355						Eu/A/NA			10/24/92
0703	0715	Croatia	Croatian Radio	13830	9830	6210							News/English		10/9/92
0730	0800	Australia	R Australia	21590	21525	17750	17630	15240	11880	11720	6020	As/Pac/PapNG			9/23/92
0730	0800	Austria	ORF	21490	15410	13730	6155					As/A/ME/Eu			9/22/92
0730	0755	Belgium	R Vlaanderen Int'l	11695	9905	5900						As/Eu			10/10/92
0730	1130	Ecuador	HCJB	21455	11925	9745						sPac	#1 USB		5/15/92

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1000	1000	USA	VOA/Am	15120	11915	9590											Caribbean/Americas	8/7/92
1000	1100	USA	VOA/E As	15425	11720	5985											eAs/seAs/Pac	3/29/91
1000	1100	USA	VOA/ME	21455	17770	15195	15160	11735									ME/NA/Eu	9/23/92
1000	1200	USA	WCSN	13770													Eu	60 deg Sa-Su
1000	1200	USA	WSHB/1	9495													eNA	25 deg
1000	1200	USA	WSHB/2	9455													cSA	152 deg
1000	1100	USA	WYFR	5950													NA	Network M-Sa
1000	1030	Vietnam	V of Vietnam	15010	12020	9840											Eu	
1000	1300	USA	WHRI	9850													SA/CA	157 deg
1030	1100	Austria	ORF	21490	15450	13730	6155										Aus/As/Eu	
1030	1059	South Korea	R Korea	11715													eNA	v Canada
1030	1055	United Arab Emiri	R Dubai	21605	15435	15320	13675										Eu/NA/Al	5/6/91
1040	1050	Greece	V of Greece	17525	15650												Japan	News/Eng
1055	1300	Netherlands Antil	Trans World Radio	15345	11815												e&sNA/Carib	3/26/92
1100	1200	Australia	R Australia	21725	15170	13605	9710	9580	7240	6080	6020						As/Pac/PapNG	9/23/92
1100	1300	Costa Rica	AWR Costa Rica	11870	9725												CA/SA	#2 may be 9675
1100	1200	England	BBC	15220	9515	6195	5965										WS: NA/CA/Carib	4/15/92
1100	1150	Germany	R Deutsche Welle	21600	17860	17800	17765	15410									wAl	3/28/92
1100	1130	Israel	Kol Israel	17545													wEu	9/27/92
1100	1200	Japan	R Japan	11840	11815	6120											GOS/Asia/NA	#3 v Canada
1100	1200	Jordan	R Jordan	13655													wEu/NA	8/31/91
1100	1150	North Korea	R Pyongyang	11335	9977	6576											Am	12/2/90
1100	1120	Pakistan	R Pakistan	21520	17595												wEu	Slow-speed news
1100	1200	Russia	R Moscow Int'l	21785	21465	17825	17735	17675	17660	15550	15440						World Service	10/3/92
1100	1200	South Africa	Channel Africa	11900													cAl	4/21/92
1100	1200	South Korea	R Korea	15575													ME/Al	10/3/87
1100	1130	Switzerland	Int'l Red Cross	7210													Eu	last Su/mo
1100	1130	Switzerland	Swiss R Int'l	21770	17670	15505	13635										Far East	3/26/92
1100	1200	Taiwan	V of Asia	7445													seAs	3/9/91
1100	1200	USA	VOA/E As	15425	15155	11720	9760	6110	5985								eAs/seAs/Pac	9/29/90
1100	2400	USA	WWCR/1	15690													NA	Network M-Sa
1100	1200	USA	WYFR	7355	5950												SA/CA	157 deg
1100	1400	USA	WHRI	11790													Eu	9/25/92
1100	1145	Switzerland	Swiss R Int'l/Eu	9535	6165												ME/Eu	9/24/92
1120	1130	Vatican State	Vatican Radio	21670	15210	11740	7250	6245									Eu/ME/NA	M-F
1130	1300	Bulgaria	R Sofia	17825	17780	13670	11720	11630									Eu	10/17/92
1130	1157	Czechoslovakia	R Czechoslovakia	15355	11990	9505	7345	6055									Eu	10/17/92
1130	1600	Ecuador	HCJB	21455	17890	15115	11925										NA/SA	#1 USB#3 -1430/SA
1130	1225	Iran	V of Islamic Rep of Iran	11930	11910	11790	11715	9525									eAs/ME	9/27/92
1130	1225	Netherlands	R Netherlands	5955													Eu	9/22/92
1130	1230	Thailand	R Thailand	11905	9655												seAs	7/29/89
1140	1155	Venezuela	R Nacional de Venezuela	9540													SA	news/Eng M-Sa
1200	1230	Australia	R Australia	21725	9710	9580	7240	6080	6020	5995							As/Pac/PapNG	9/23/92
1200	1320	Brazil	R Nacional de Brasil	15445													NA/CA	6/6/92

1200	1300	China	China R Int'l	15450	14440	15210	11660	9715	sPac/eNA/seAs	5/26/92			
1200	1300	England	BBC	15220	9740	9515	6195	WS: NA/CA/Carib	4/15/92				
1200	1230	Mongolia	R Ulan Bator	12015	11850			FarE	Mo,Th,Sa				
1200	1400	N Mariana Is	KHBI	15665	13625			Aus/seAs	195/285 deg				
1200	1230	Norway	R Norway Int'l	21705	17860			Ind/As/Aus	Sa & Su only				
1200	1430	Palau	KHBN	9830					9/22/92				
1200	1300	Russia	R Moscow Int'l	21785	21465	17830	17675	17660	15480	15460	15280	World Service	10/3/92
1200	1330	USA	VOA/E As	15425	15155	11715	9760	6110	eAs/seAs/Pac				1/14/91
1200	1400	USA	WCNS	17510					Eu	60 deg Sa-Su			9/24/92
1200	1400	USA	WSHB/1	9495					eNA	25 deg			9/22/91
1200	1400	USA	WSHB/2	13760					CA	182 deg			9/22/91
1200	1300	USA	WYFR	17760	11830	7355	5950		NA	#1&2&4 Network M-Sa			10/24/92
1200	1225	Uzbekistan	R Tashkent	17815	15460	9750	7325		As				6/13/92
1210	1650	New Zealand	R New Zealand Int'l	9510					Pacific	occasional use			9/25/92
1215	1330	Egypt	R Cairo	17595					sAs				8/16/90
1215	1315	South Korea	R Korea	9750					Am				4/8/90
1230	1300	Australia	R Australia	21725	9770	9580	9560	7240	6020	5995	As/Pac/PapNG		9/23/92
1230	1300	Austria	ORF	17730	15450	13730	6155		As/NA/Eu				9/22/92
1230	1300	Bangladesh	R Bangladesh	17750	15208				Eu	ann 15200			5/16/91
1230	1255	Belgium	R Vlaanderen Int'l	21810	17550				NA/seAs	Su			9/22/92
1230	1250	Finland	R Finland	15400	11735				NA	M-F			10/12/92
1230	1255	France	R France Int'l	21645	15365	15195	15155	11670	9805	Am/Eu			5/14/92
1230	1325	Netherlands	R Netherlands	5955					Eu				7/11/92
1230	1300	Vietnam	V of Vietnam	15010	12020	9840			As				2/25/92
1230	1300	Yugoslavia	R Yugoslavia	21605	17740				NA	announced			10/21/92
1235	1245	Greece	V of Greece	17515	15650	15635			NA	News/Eng			10/9/92
1300	1430	Australia	R Australia	13755	11855	11800	9580	7240	5995	As/Pac/PapNG			9/23/92
1300	1400	Canada	R Canada Int'l/Carib	17820					Carib	M-F			10/19/92
1300	1400	Canada	R Canada Int'l/USA	11855	9635				USA	M-F			10/19/92
1300	1400	China	China R Int'l	15440	11855	11660	9715		Pac/wNA/seAs				5/26/92
1300	1400	England	BBC	15220	11820	9740	9515	6195	WS: NA/CA/Carib				4/15/92
1300	1400	Ethiopia	V of Ethiopia	9560	7165				wAf				9/13/91
1300	1350	North Korea	R Pyongyang	15230	13650	9640	9345	9325	seAs/Am/Eu				7/15/90
1300	1330	Norway	R Norway Int'l	25730	9590				wAl/Eu	Sa & Su only			9/24/92
1300	1600	Philippines	FEBC	11995					seAs/India				11/28/91
1300	1355	Poland	Polish Radio Warsaw	11815	9525	7145	6135		Eu				6/1/92
1300	1400	Romania	R Romania Int'l	17850	17720	15365	11940		Eu				10/30/92
1300	1400	Russia	AWR Russia	11855					nIndia	v Novosibirsk			4/3/92
1300	1400	Russia	R Moscow Int'l	21785	21465	17830	17645	15550	15280	15225	13710	World Service	10/3/92
1300	1330	Switzerland	Swiss R Int'l	21820	17670	15505	13635	11690	7480	s&seAs/Far East	#5&6 v China		9/24/92
1300	1400	USA	KNLS	7355					As				9/25/92
1300	1700	USA	WHRI	9465					eNA	42 deg			9/25/92
1300	1400	USA	WYFR	17760	13695	11830	9705	5950	NA	#1&3&5 Network M-Sa			10/24/92
1302	1502	USA	WYFR	11550					NA	v Taiwan			10/24/92

1430	1600	Lebanon	V of Hope	6280	6215							ME/India	# 2 alt	1/25/90
1430	1525	Netherlands	R Netherlands	17610	15150	13770	9895					sAs	#2&4 v Madagascar	9/22/92
1440	1455	Venezuela	R Nacional de Venezuela	9540								SA	news/Eng M-Sa	6/6/91
1445	1645	Guam	KTWR	15610								s&seAs	Su-1700	7/3/92
1445	1515	Mongolia	R Ulan Bator	13780	7260							sAs		10/9/92
1450	1515	India	AIR	9950	7412							Home Svc	news/features	1/12/91
1458	1600	Seychelles	FEBA	15330	9810							seAs	Tu-Sa	11/28/91
1500	1600	China	China R Int'l	15165	11815							sAs		5/26/92
1500	1615	England	BBC	17840	15260	15205	9740	9515				WS: NA/CA/Carib		4/15/92
1500	1550	Germany	R Deutsche Welle	21600	17765	17735	13610	11965	9735			s&c&eA/ME		3/26/92
1500	1600	Japan	R Japan	15355	9535							GOS/Eu/ME/AI/NA	#1 v Gabon	10/24/92
1500	1550	North Korea	R Pyongyang	13785	9977	9640	9325					Eu/ME/AJ		9/19/92
1500	1600	Russia	R Moscow Int'l	21465	17645	15550	15460	15225	15140	15125		World Service		10/3/92
1500	1555	Seychelles	FEBA	11710								seAs	Sa&Su-1540	7/30/92
1500	1530	Sudan	R Omdurman	9170	7200							Regional		10/10/92
1500	1530	Switzerland	Swiss R Int'l	21820	17670	15505	13635					ME/eAJ		9/25/92
1500	1515	Taiwan	WYFR	11550								India	via VOFC	3/26/89
1500	1630	USA	VOA/ME	15205	9700							ME/hAI/Eu	19379 LSB-2200	9/24/92
1500	1700	USA	VOA/S As	15395	9760	9700	9645	7125	6110			sAs		9/23/92
1500	1530	Vietnam	V of Vietnam	15010	12020	9840						AJ		2/23/90
1500	1600	USA	KJES	11715								wCanada	MTWF irregular	10/19/92
1500	1600	USA	WYFR	17760	15215	11830						NA	#1&3 Network M-Sa	10/24/92
1503	1506	Finland	R Finland	21550	15440	11755	9730	6155				Eu/ME/Afr		10/12/92
1515	1530	Canada	R Canada Int'l/Eu	21545	17820	15325	15315	11935	11915	9555		Eu	#3-7 EuJ2&4 M-Sa	9/24/92
1530	1555	Albania	R Tirana	9760	7155							AJ		9/28/92
1530	1600	Australia	R Australia	13755	11855	11800	9580	9510	7260	7240	6060	As/Pac/PapNG		9/23/92
1530	1600	Austria	ORF	21490	13730	11780	6155					wAI/Eu/As		9/22/92
1530	1540	Greece	V of Greece	17525	15650	15630						NA/nEu	News/Eng ex Su	10/9/92
1530	1600	India	AIR	10330	9950	7412						Home Svc	news/features	7/11/92
1530	1625	Netherlands	R Netherlands	17610	15150	13770	9895					sAs	#2&4 v Madagascar	9/22/92
1545	1600	Vatican State	Vatican Radio	17865	15090							As/AusNZ		6/7/91
1600	1630	Australia	R Australia	13755	11855	11800	9580	9510	7260	7240	6060	As/Pac/PapNG		9/23/92
1600	1700	China	China R Int'l	15170	15130	11575						e&sAfr	#1&2 v Mali	5/26/92
1600	1655	France	R France Int'l	17850	17795	17620	15530	12015	11705	6175		A/ME/Eu	#5&6 v Gabon	10/24/92
1600	1650	Germany	R Deutsche Welle	15595	15105	11785	9875	9690	7225	6170		sAs		9/25/92
1600	1700	Guam	KSDA	11980								India	285 deg	1/11/92
1600	1800	N Mariana Is	KHBI	13625	11580							seAs/India	285/310 deg	3/17/91
1600	1900	Namibia	R Namibia	3270									per MN 2-14-91	3/14/91
1600	1630	Norway	R Norway Int'l	15230	11875							A/ME	Sa & Su only	9/24/92
1600	1630	Pakistan	R Pakistan	21495	17725	17555	15555	13665	11570			e&seA/ME	Slow-speed news 1615	10/24/92
1600	1655	Poland	Polish Radio Warsaw	11840	9525	7285						Eu		6/1/92
1600	1630	Russia	AWR Russia	15125								nEu	v Samara	5/26/92
1600	1700	Russia	R Moscow Int'l	21465	15490	15395	15180	11820	11705			World Service		10/6/92
1600	2100	Saudi Arabia	BC Serv of Kingdom of S	9720	9705									7/1/90

1715	1730	Vatican State	Vatican Radio	9645	7250	6245						ME/eAf/wEu		9/24/92
1730	1825	Netherlands	R Netherlands	21590	21515	9605	6020					e&wAf	#1&2 Bon #3&4 Mad	9/22/92
1730	1800	Romania	R Romania Int'l	17745	17720	15365	15340					Af		10/30/92
1730	1800	Vatican State	Vatican Radio	17730	15090	11625						e&sAf		5/28/91
1745	1945	India	AIR	15080	11935	11880	11620	9950	7412			GOS/e&w&nAt/wEu/ME		5/24/92
1800	1900	Argentina	RAE	15345								Eu/Afr	M-F	10/24/92
1800	1900	Australia	R Australia	11910	9580	7260	7240	6080	6060	6010	5995	As/Pac/PapNG		9/23/92
1800	1850	Brazil	R Nacional de Brasil	15265								Eu		7/17/90
1800	1830	Canada	R Canada Int'l/Af	17820	15260	13670						Af	Sa&Su -1900	10/24/91
1800	1827	Czechoslovakia	R Czechoslovakia	9605	7345	6055	5960					Eu		10/10/92
1800	1900	Guam	KSDA	13720								eAf	Sa-Su 285 deg	4/4/92
1800	2000	Iraq	R Iraq Int'l	15210	15180							nEu/eEu	Arabic/English	9/2/92
1800	1815	Israel	Kol Israel	17575	11675	11587	7465					At/wNA/wEu/NA		10/25/92
1800	2100	Kuwait	R Kuwait	13620								Eu		3/30/92
1800	2000	N Mariana Is	KHBI	11840	9495							Aus/NZ/Eu/ME	165/325 deg	9/24/92
1800	1855	Poland	Polish Radio Warsaw	9525	7270							Eu		6/1/92
1800	1900	Russia	R Moscow Int'l	15500	15375	11930	11870	11685	11665			World Service		10/6/92
1800	1900	South Korea	R Korea	15575								Eu		11/5/88
1800	1900	Sudan	R Omdurman	9170	7200							Regional		10/10/92
1800	1900	USA	VOA/Af	17800	15580	15410	15320	13710	11995	11920		Africa	19261.5 USB -2200	9/23/92
1800	2000	USA	WCSN	21640								sAf	105 deg	9/24/92
1800	2000	USA	WSHB/1	15665								eNA/Eu	25 deg	9/24/92
1800	1830	Vietnam	V of Vietnam	15010	12020	9840						Eu		11/7/89
1800	2300	USA	WHRI	17830								SA/CA	157 deg	9/25/92
1805	1845	Swaziland	Trans World Radio	11835	11760	11740						eAf	only 1 freq/bnd used	6/5/89
1815	1900	Bangladesh	R Bangladesh	12030	9570							Eu/ME		10/1/91
1830	2000	Bulgaria	R Sofia	11720	9700	9560	6235					NA/Eu		10/17/92
1830	1925	Netherlands	R Netherlands	21590	21515	9605	6020					e&wAf	#1&2 Bon #3&4 Mad	9/22/92
1840	1850	Greece	V of Greece	17525	15630							sAf	News/Eng ex Su	10/9/92
1840	1855	Venezuela	R Nacional de Venezuela	9540								SA	news/Eng M-Sa	6/6/91
1850	2140	New Zealand	R New Zealand Int'l	15120								Pacific	Su-Fr	9/25/92
1900	2030	Australia	R Australia	11910	11855	11720	9580	7260	7240	6080	6060	As/Pac/PapNG		9/23/92
1900	1925	Belgium	R Vlaanderen Int'l	15540	5900							At/Eu		10/10/92
1900	1930	Canada	R Canada Int'l/Af	17820	15260	13670						Af	M-F	10/24/91
1900	2000	China	China R Int'l	11515	9440							w&nAfr		5/26/92
1900	2000	Ecuador	HCJB	21480	21455	17790						Eu	#2 USB	9/27/92
1900	1950	Germany	R Deutsche Welle	17810	15350	13790	11905	11785	11765	9765		wAt/ME		9/25/92
1900	1930	Japan	R Japan	11850	9640	9535						GOS/Oc/Am		10/24/92
1900	2000	Morocco	R-TV Morocco	11920									Su	9/2/92
1900	1930	Norway	R Norway Int'l	17730	15220							NZ/At/SA/wAf	Sa & Su only	9/24/92
1900	2000	Romania	R Romania Int'l	9690	7225	7195	6105					Eu		10/30/92
1900	2000	Russia	AWR Russia	9835								Syria	v Novosibirsk	4/3/92
1900	2000	Russia	R Moscow Int'l	15470	15375	11930	11685	9880	9610			World Service		10/6/92
1900	1915	Sierra Leone	SLBS	3316									Sa UN Radio	9/24/92

English Language DX Shows
 By Day of Week
 As of October 31, 1992
 Compiled by Thomas R. Sundstrom, W2XQ

Day	Program	Xmsn Start Time	Show Start Time	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	DX Spot	0000	0015	Spain	R Exterior de Espana	9530											2/29/92
Sunday	SW Merry-Go-Round	0000	0015	Switzerland	Swiss R Int'l	17730	12035	9885	9650	6135							3/26/92
Sunday	Radio World	0030	0035	Belgium	R Vlaanderen Int'l	13655	9930										9/24/92
Sunday	DX Party Line	0030	0040	Ecuador	HCJB	21455	15155	15115	9745								3/29/91
Sunday	Communications World	0100	0110	USA	VOA/Am	15205	15120	11580	9775	9455	7405	6130	5995				9/29/90
Sunday	DXers World Meeting	0100	0113	Germany	R Deutsche Welle	11865	9770	9700	9610	9565	9515	6145	6085	6055	6040	Su after last Sa/mo	5/17/91
Sunday	DX Spot	0100	0115	Spain	R Exterior de Espana	9530											2/29/92
Sunday	DXers Unlimited	0000	0130	Cuba	R Havana	6060	6000										9/29/92
Sunday	World of Radio	0000	0200	Costa Rica	R for Peace Int'l	15030	13630	7385	7375								6/21/92
Sunday	DX Asiawaves	0200	0215	Guam	KSDA	13720											4/15/92
Sunday	SW Merry-Go-Round	0200	0215	Switzerland	Swiss R Int'l	12035	9885	9650	6135								3/26/92
Sunday	DX Party Line	0030	0240	Ecuador	HCJB	21455	15155	15115	9745								3/29/91
Sunday	Radio Corner	0200	0240	Taiwan	V of Free China	15345	11860	11740	9765	9680	5950					last Su/month	5/3/92
Sunday	DX Mailbag	0200	0245	Romania	R Romania Int'l	11940	11830	9570	9510	6155	5990						5/23/92
Sunday	World of Radio	2300	0300	USA	WRNO	7355											10/19/92
Sunday	DXers World Meeting	0300	0313	Germany	R Deutsche Welle	9770	9705	9640	9545	9535	6120	6085	6055	6045		Su after last Sa/mo	5/17/91
Sunday	DXers Unlimited	0200	0330	Cuba	R Havana	9655	6060										9/29/92
Sunday	Media Roundup	0330	0330	Japan	R Japan	17810	11870	5960									3/26/92
Sunday	Bonaire Wavelength	0255	0330	Netherlands Antilles	Trans World Radio	11930	9535										5/31/89
Sunday	Radio Corner	0300	0340	Taiwan	V of Free China	15345	11745	9765	9680	5950						last Su/month	5/3/92
Sunday	DX World	0300	0350	Hungary	R Budapest	11910	9835	6110									5/23/92
Sunday	World of Radio	0000	0405	USA	WWCR/1	7435											10/19/92
Sunday	DX Special	0400	0415	Czechoslovakia	R Czechoslovakia	13715	11985	9810	7345	5930							5/23/92
Sunday	SW Merry-Go-Round	0400	0415	Switzerland	Swiss R Int'l	13635	12035	9860	6135								3/26/92
Sunday	DX Radio Tips	0400	0420	Turkey	V of Turkey	9445											9/28/92
Sunday	Signals	0000	0435	USA	WWCR/1	7435											10/19/92
Sunday	DX Party Line	0500	0510	Ecuador	HCJB	21455	11925										11/4/90
Sunday	DXers World Meeting	0500	0513	Germany	R Deutsche Welle	9690	9670	9535	6130	6120	6045	5960				Su after last Sa/mo	5/17/91
Sunday	DX Spot	0500	0515	Spain	R Exterior de Espana	9530											5/23/92
Sunday	DXers Unlimited	0500	0630	Cuba	R Havana	6060											9/29/92
Sunday	DX Party Line	0030	0735	Ecuador	HCJB	21455	15155	15115	9745								11/4/90
Sunday	Radio Corner	0700	0740	Taiwan	V of Free China	5950										last Su/month	5/3/92
Sunday	SW Feedback	0800	0835	South Korea	R Korea	13670	7550										2/26/89

Monday	DXers Calling	2045	2130	India	AIR	15265	11715	11620	9950	9910	7412								5/24/92
Monday	For Radio Amateurs	2230	2254	Lithuania	R Vilnius	9710	9675												5/4/92
Monday	DX Corner	2230	2255	Israel	Kol Israel	17575	11675	11603	11587	9435	7465								8/30/92
Tuesday	For Radio Amateurs	0000	0024	Lithuania	R Vilnius	17690	17605	11660	9530										10/19/92
Tuesday	World of Radio	0000	0730	USA	WWCR/1	7435													9/23/92
Tuesday	Communicator	0900	0930	Australia	R Australia	12725	15170	13605	9580	9510	5995								7/3/92
Tuesday	Communicator	1100	1130	Australia	R Australia	21725	15170	13605	9710	9580	7240	6080	6020	5995					6/1/92
Tuesday	DX Program	1300	1335	Poland	Polish Radio Warsaw	11815	9525	7145	6135										4/10/92
Tuesday	Sweden Calling DXers	1330	1340	Sweden	R Sweden	21625	15240												10/6/92
Tuesday	For Radio Amateurs	1300	1345	Romania	R Romania Int'l	17850	17720	15365	11940										12/16/89
Tuesday	World of Shortwave	1458	1515	Seychelles	FEBA	15330	9810												7/3/92
Tuesday	Communicator	1530	1530	Australia	R Australia	13755	11855	11800	9580	9510	7260	7240	6060	5995					6/7/92
Tuesday	DX Program	1600	1605	Poland	Polish Radio Warsaw	11840	9525	7285											9/24/92
Tuesday	Sweden Calling DXers	1600	1610	Sweden	R Sweden	21500	17870	15270											7/3/92
Tuesday	Communicator	1600	1730	Australia	R Australia	13755	11855	11800	9580	9510	7260	7240	6060	5995					6/1/92
Tuesday	DX Program	1800	1830	Poland	Polish Radio Warsaw	9525	7270												4/3/92
Tuesday	World of Radio	0000	1900	Costa Rica	R for Peace Int'l	15030	13630	7385	7375										7/3/92
Tuesday	Communicator	1900	1930	Australia	R Australia	11910	11855	11720	9580	7260	7240	6080	6060	6010	5995				6/2/92
Tuesday	Mailbag	0000	1930	Costa Rica	R for Peace Int'l	15030	13630	7385	7375										7/23/92
Tuesday	DX Program	1930	1935	Poland	Polish Radio Warsaw	9525	7145												8/18/92
Tuesday	DX Program	1930	1955	Poland	Polish Radio Warsaw	9525	7145												9/29/92
Tuesday	DXers Unlimited	2100	2130	Cuba	R Havana	17705													9/24/92
Tuesday	Sweden Calling DXers	2130	2140	Sweden	R Sweden	11955	9655	6065											5/23/92
Tuesday	DX News	2200	2250	Hungary	R Budapest	11910	9835	6110											5/24/92
Tuesday	DXers Calling	2245	2340	India	AIR	17830	15145	15110	11745	9910									9/24/92
Tuesday	Sweden Calling DXers	2330	2340	Sweden	R Sweden	6065													9/29/92
Wednesday	DXers Unlimited	0000	0030	Cuba	R Havana	6060	6000												11/1/91
Wednesday	DX Programme	0100	0100	Uzbekistan	R Tashkent	11975	9740	7325	7235										Mo after 4th Su/mo
Wednesday	Sweden Calling DXers	0100	0110	Sweden	R Sweden	11820	9695												We after 1&3 Tu/mo
Wednesday	Sweden Calling DXers	0200	0210	Sweden	R Sweden	11705	9695												We after 1&3 Tu/mo
Wednesday	DXers Unlimited	0200	0230	Cuba	R Havana	9655	6060												9/29/92
Wednesday	For Radio Amateurs	0200	0245	Romania	R Romania Int'l	11940	11830	9570	9510	6155	5990								6/27/90
Wednesday	World of Radio	0000	0300	Costa Rica	R for Peace Int'l	15030	13630	7385	7375										4/3/92
Wednesday	DX News	0300	0350	Hungary	R Budapest	11910	9835	6110											5/23/92
Wednesday	Waveguide	0330	0415	England	BBC	12095	5975												4/15/92
Wednesday	DXers Unlimited	0500	0530	Cuba	R Havana	6060													9/29/92
Wednesday	Ham Radio Today	0700	0800	Ecuador	HCJB	21455	15270	11730											5/23/92
Wednesday	Ham Radio Today	0730	0801	Ecuador	HCJB	21455	11925	9745											4/22/92
Wednesday	Ham Radio Today	0730	1030	Ecuador	HCJB	21455	11925	9745											4/22/92
Wednesday	World of Radio	0000	1100	Costa Rica	R for Peace Int'l	15030	13630	7385	7375										8/7/92
Wednesday	DX Special	1800	1815	Czechoslovakia	R Czechoslovakia	9605	7345	6055	5960										9/27/92

Saturday	DX Show	0230	0245	Portugal	R Portugal	11840	9705	9600	9570		tri-weekly	5/23/92	
Saturday	DX News	0300	0350	Hungary	R Budapest	11910	9835	6110				5/23/92	
Saturday	World of Radio	0000	0400	Costa Rica	R for Peace Int'l	15030	13630	7385	7375			3/27/92	
Saturday	R Sofia Calling	0400	0415	Bulgaria	R Sofia	11720	9700	7225				10/2/92	
Saturday	SW Merry-Go-Round	0600	0615	Switzerland	Swiss R Int'l	17565	13635	9860				3/26/92	
Saturday	Radio World	0730	0735	Belgium	R Vlaanderen Int'l	11695	9905	5900				9/24/92	
Saturday	DX Party Line	0700	0735	Ecuador	HCJB	21455	15270	11730				5/23/92	
Saturday	DX Party Line	0730	0736	Ecuador	HCJB	21455	11925	9745				11/4/90	
Saturday	SW Merry-Go-Round	0900	0915	Switzerland	Swiss R Int'l	21770	17670	13685	9560			3/26/92	
Saturday	Radio World	1000	1005	Belgium	R Vlaanderen Int'l	9905	5900					9/24/92	
Saturday	DX Party Line	0730	1005	Ecuador	HCJB	21455	11925	9745				11/4/90	
Saturday	SW Merry-Go-Round	1100	1115	Switzerland	Swiss R Int'l	21770	17670	15505	13635			9/6/86	
Saturday	Bonaire Wavelength	1055	1130	Netherlands Antilles	Trans World Radio	15345	11815					5/10/89	
Saturday	World of Radio	0000	1200	Costa Rica	R for Peace Int'l	15030	13630	7385	7375			8/7/92	
Saturday	Mailbag	0000	1230	Costa Rica	R for Peace Int'l	15030	13630	7385	7375			8/22/92	
Saturday	SW Merry-Go-Round	1300	1315	Switzerland	Swiss R Int'l	21820	17670	15505	13635	11690	7480	3/26/92	
Saturday	DX Programme	1330	1330	Uzbekistan	R Tashkent	17815	15460	9750	7325			11/5/88	
Saturday	Radio World	1400	1405	Belgium	R Vlaanderen Int'l	21810	17550					9/24/92	
Saturday	SW Merry-Go-Round	1500	1515	Switzerland	Swiss R Int'l	21820	17670	15505	13635			3/26/92	
Saturday	DX Asiawaves	1600	1615	Guam	KSDA	11980						1/11/92	
Saturday	SW Merry-Go-Round	1700	1715	Switzerland	Swiss R Int'l	17635	15430	13635	9885			3/26/92	
Saturday	World of Radio	0000	1800	Costa Rica	R for Peace Int'l	15030	13630	7385	7375			6/21/92	
Saturday	DX Special	1800	1815	Czechoslovakia	R Czechoslovakia	9605	7345	6055	5960			9/27/92	
Saturday	Radio World	1900	1905	Belgium	R Vlaanderen Int'l	15540	5900					9/24/92	
Saturday	DX Party Line	1900	1905	Ecuador	HCJB	21480	21455	17790				11/4/90	
Saturday	DX Spot	1900	1930	Spain	R Exterior de Espana	9685	9675					3/30/91	
Saturday	DX Mailbag	1900	1945	Romania	R Romania Int'l	9690	7225	7195	6105			9/5/92	
Saturday	SW Merry-Go-Round	2000	2015	Switzerland	Swiss R Int'l	15505	13635	12035	9885			3/26/92	
Saturday	Communications World	2100	2110	USA	VOA/AI	21485	17800	15580	15495	15410	15290	13710	9/29/90
Saturday	DX Radio Tips	2100	2120	Turkey	V of Turkey	9445						9/28/92	
Saturday	DXers Unlimited	2100	2130	Cuba	R Havana	17705						9/12/92	
Saturday	Radio World	2200	2205	Belgium	R Vlaanderen Int'l	9905	5900					9/24/92	
Saturday	DX Special	2200	2215	Czechoslovakia	R Czechoslovakia	9605	7345	6055	5960			9/27/92	
Saturday	SW Merry-Go-Round	2200	2215	Switzerland	Swiss R Int'l	12035	9885	9810	6030			3/26/92	
Saturday	DX World	2200	2250	Hungary	R Budapest	11910	9835	6110				5/23/92	
Saturday	World of Radio	2300	2300	USA	WRNO	7355						10/19/92	
Saturday	DX Asiawaves	2300	2315	Guam	KSDA	15610						1/25/92	
Saturday	DX Radio Tips	2300	2320	Turkey	V of Turkey	11895	9445	7185				9/28/92	

may be earlier

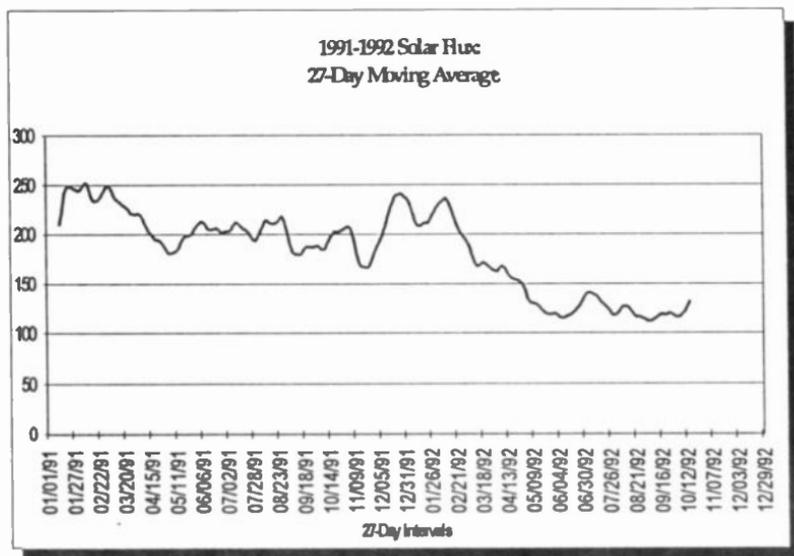
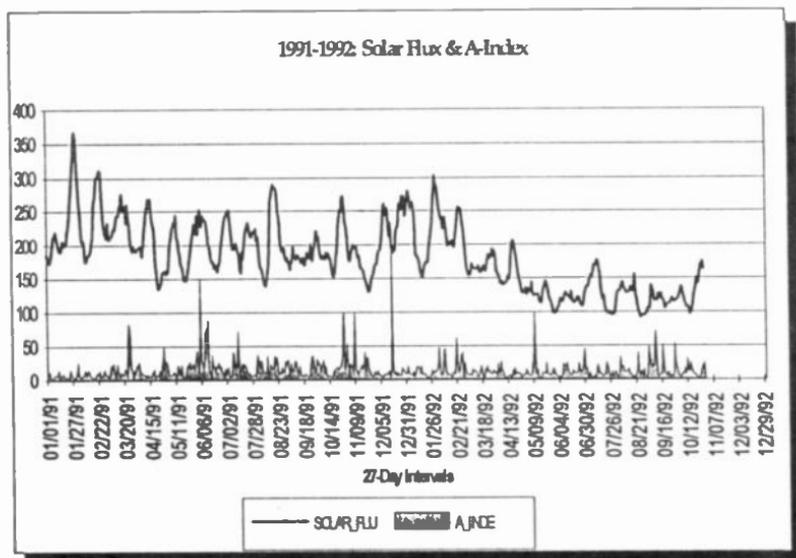
Biweekly

Biweekly

A Look Back

George Jacobs, W3ASK, wrote in his CQ column of January 1992 that sunspot cycle 22 began in September 1986 and peaked in July 1989. George

The first graph displays the daily data for 1991 and 1992 to date. Note the several abnormally high A-indices, the last in May of 1992. There has been visible aurora in the last year; it's the first time I can recall seeing such since the IGY of



adds this is the third most intense cycle in the nearly 250 years that records have been kept.

After a prolonged stay at the top of the cycle and experiencing a second peak, some people are now surprised at how quickly the cycle appears to be declining.

1957-58.

The second graph displays just the solar flux using a 27-day moving average. As the sun rotates on a nominal 27-day period, this graph should offer a different perspective by smoothing out the daily fluctuations to display trends. Contrasted with 1991, the decline in 1992 is quite apparent.

INDONESIA - Gabriel Ivan Barrera of Argentina has been wondering for some months what happened to *RRI's La Voz de Indonesia* at 0030-0100 on 11752 and 11785 kHz. Signals are exc in Sri Lanka on 11752 but that's not getting to Buenos Aires. (VG on RNMN 10/1) [11752 may be buried under the BBC xmtr on Ascension on 11750. It'd take a fancy antenna to split the two signals in BA --mf]

RRI has ordered 44 new xmtrs from the Japan's NEC - 30 MW, 10 FM and 4 SW. 50 kw SW units will be installed at Pontianak and Palangkaraya, with 10 kw SW units at Merauke and Jambi. They'll be in use at the start of 1993. (Takahito Akabayashi on RJMR 9/27)

IRAN - *VOIRI*, Tehran, beginning Arabic service 2130 on new 11790, good level in Melbourne, 10/3. (Bob Padula)

The regional station in Mashhad of the *VOIRI* noted 10/19 with an inaugural program in Tajik for Tajikistan at 1530-1600 on 6005 kHz. It anncd also a 31 mb frequency, possibly 9640 kHz. The Tajik program was followed by Uzbek, then at 1630 by domestic svc news in Persian. (WBI 10/23)

IRAQ (old) - *Voice of the People of Iraq* heard in AA as early as 2300-0100, heavily jammed. (Robert Rakowitz, NY)

ISRAEL - Rasuth Hashidur, dom svc in Hebrew noted since 9/6 on 15617 at 1930-2030. (Robert Rakowitz, NY)

ITALY - *European Christian Radio* moved from 6210 to 6220 kHz in mid-September to avoid QRM from Zagreb on 6210. (Julius Herrmanns, RNMN 9/23) [And where did ECR go when the Bulgarians showed up three abreast between 6210 and 6230?--mf]

AWR, Forli, has EE 0730-0800, Italian 0800-09000, both on 7210 kHz. They use 7230 kHz for GG 0900-0930, FF 0930-1000 Sa/Su, SS 1000-1030 Sa/Su, EE 1030-1100, II 1100-1200, GG 1200-1230, FF 1230-1300 Sa/Su, SS 1300-1330 Sa/Su. (WBI 10/16)

JAPAN - *Radio Japan* will add three 300 kw xmtrs and three antennas at Yamata, as of March 1993. (*Radio Japan News*, via WBI 10/16) The following changes for relays of *Radio Japan's* General Service in EE via Skelton, UK, took effect 9/27: 0500-0600 on new 6085 kHz, ex 9695 and on 7230, ex 9710, ex 9770; 0700-0800 on 6025, ex 9670, & new 5970, ex 9770; 2300-2400 on new 6125 kHz, ex 6025, and new 6050, ex 6160 kHz. (RJMR 9/20)

KASHMIR - *Azad Kashmir Radio*, Muzaffarabad, moved to new 3517v, ex 3665 kHz, 10/16. Sked is 0045-0410 & 1045-1810. (Kanwarjit Sandhu, India, on RNMN 10/22)

KENYA - Kenyan President Daniel Arap Moi has authorized plans to proceed with Christian shortwave station in Nairobi. It will be a joint project of HCJB, FEBA Radio in the UK, and the Evangelical Fellowship of Kenya, under the name Kenya International Radio Fellowship. HCJB's Roger Stubbe, the project coordinator, says plans will move slowly until a license has been issued, a step that could take a year or longer.

Stubbe says the station will beam signals into Central and East Africa, the Middle East and Central Asia with less power and expense than can be done from Ecuador. (From HCJB's *Around the World*, via Marlin Field, MI)

KOREA (North) - *Pyongyang* on new 13785 with SS to Eu *2000-2050*, 9/23. (Bob Padula)

LIBERIA - *ELWA's* Phase II, the installation of a 10 kw SW station, stands as follows: \$90K of the \$125K needed for the xmtr has been received. About 1/3, or \$150K, of the \$486K needed for studio construction, equipment, shipping costs, etc., has been received. *ELWA* returned to the FM airwaves in 1/92. Galcom International has donated 200 radio pre-tuned [fixed-tuned? df] to *ELWA*. (Marlin Field, MI)

Things have heated up again. Charles Taylor's National Patriotic Front tangled with the ECOMOG peacekeeping forces on the outskirts of Monrovia. (BBC EE 0100 10/21) The other rebel leader, Johnson, turned himself in to ECOMOG after Taylor's troops overran Johnson's HQ. (BBC EE 0100 10/22). Omega Station B, the VLF navigation station in Liberia, was again reported Off Air Until Further Notice. (WWV at 1117 11/19 via Mike Fern--CA)

LITHUANIA - In an interview on BRTN in EE on 9/14, Sigitas Zilionas, of *Radiocentras*, noted that there are many Lithuanians living abroad, mainly in the U.S., and the government wants to continue broadcasts to inform them about the country. He said Lithuanian Radio gets a lot of letters from U.S. listeners of Lithuanian origin who are unhappy with the cut back of freqs for broadcasts to NA. The cutback was required because the government cannot pay the high price for leasing the transmitters in Ukraine, Russia, Moldova, and the Russian Far East. About broadcasting to Lithuania, Zilionas said there is a continued need, as it allows listeners to get diverse opinions from Lithuanian Radio, RFE, VOA, BBC and other major broadcasters. (BRTN via WBI 9/25)

Radio Vilnius broadcasts daily at 2130 on 666, 9675 and 9710 kHz. At 2300 broadcasts are on 9530, 17690 and 17605 kHz. "But we are sorry to inform you that, due to some problems in settling financial accounts, the relaying of *Radio Vilnius* programs on 17690 kHz to East Asia via the transmitter based in Khabarovsk may be stopped as of today, [9/21],

until things are straightened out..." (Radio Vilnius in English 2300, 9/21, via WBI 9/25)

Radio Gimtines Svyrys (Homelands Lighthouse) is broadcasting programs to fishermen in Lithuanian on 666, 1557, 9710 0200-0230 Sat only. Reports are requested to: P.O. Box 512, Klaipeda 5802. (Nikolai Rudnev in ADXN 10/92)

LUXEMBOURG - RTL's remnant EE service on 15350 kHz for NA and on the Astra satellite is to close before 1993. There's not enough commercial revenue to keep the nine-man operation going. British commercial stations have not picked it up for an overnight filler service. There have also been problems getting on Scandinavian cable systems. The Swedes in particular have demanded heavy royalty payments for the music played. The futures of the SW freq and satellite channel are both unclear. The satellite channel might carry Ireland's Atlantic 252, which CTL owns part of. Atlantic 252 seems to be financially sound, and has recently converted to compatible SSB. (RNMN 10/8)

MALAYSIA - *R. Malaysia*, Kuala Lumpur, 7295, good level 10/3 at s/on 2200 with anthem, morning greetings, English service (Radio Four). Audible until fade-out around 2300. Clear of QRM now that RFE/RL vacated this channel at this time period. (Bob Padula)

MONTE CARLO - *TWR-Monte Carlo* found on new 7315 beginning Russian 2000, 10/8. Engineering sked for W92 shows 7135 planned, but not there. (Bob Padula in ADXN 10/92)

MOZAMBIQUE - The *Voice of Renamo* announced that from 9/26 the domestic service would be on 6155 kHz at 0515, and on 5916 kHz at 1615. (WBI 10/2)

NETHERLANDS - Radio Netherlands will close its post office box in Canada at the end of the year. The box has been handled by Jack Brower, the Canadian agent for Radio Netherlands' transcription service, who is retiring. (RNMN 10/8)

Radio Netherlands will open its own computer bulletin board shortly. The Dutch Home Service's "Hobby Scope" program has closed, taking its BBS with it. RNI's computer is on hand and is being set up. (RNMN 10/8)

Lex Harding, a former director of Veronica Radio when it was an offshore pirate in the 70's, and several former Veronica DJs plan to start a commercial station under the ID "Radio 538." The name "R. Veronica" is held by a public subscriber radio group in the Netherlands, which Harding helped set up. He plans to start on cable and FM before the end of the year. (RNMN 10/22)

About one-third of the mail run of the fall issue of "On Target" was delayed several weeks when the postage meter at the Costa Rica mailing house broke down. (RNMN 10/22)

There was potentially disturbing news on the October 15th edition of 'Media Network'. On October 1st, a report of the findings by the National Media Council concerning the future of *Radio Netherlands* was released. This advisory council was appointed by the Dutch Minister of Culture. Basically, the report questions why the statutes governing the operation and program presentation, including editorial independence, of Radio Netherlands have not been changed since 1947. The underlying motivation seems to be one of questioning whether there is justification for the current annual budget. The Radio Netherlands Board of Governors feels that the station has been responsive to changing broadcast markets and that it can indeed meet the test of public scrutiny of its operations. A response from the Ministry of Culture can be expected sometime in the next few months, probably after a debate in the Dutch Parliament. I strongly suggest that shortwave listeners bombard the station with letters of support that in turn can be forwarded to the government authorities. Write to P.O. Box 222, Hilversum, The Netherlands. (Dave Clark in ODXA)

NEW ZEALAND - *RNZI* has a weekly broadcast in Standard Chinese at 0900 Wed on 9700 kHz. "Orient Express" is produced by the Chinese section of Wellington Access Radio. RNZ will take part in the Swedish DX Championships in December 1993. (Tony King on RNZI Mailbag 10/1)

PERU - *R. Tingo Maria*, Tingo Maria, 4760 kHz, heard in Quito at 0050 with music and spots about drug abuse. *R. Tarma*, Tarma, 4774.9 kHz, with reportage on the capture of Shining Path leader Abimael Guzman. Fair signal in Quito at 0100. (KMH/QLB/DXPL 9/26)

PHILIPPINES - S92 final sked for *R. Veritas* shows only two xmtrs. Tests in RR listed for 7265, 2130-2200. Regular RR shown 1030-1125 on 15115. Ukrainian is 2300-2330 on 15215. Overall time span for all operations is 2100-0200 and 1000-1600. No KK listed. (Bob Padula)

PORTUGAL - *IBRA* seems to have quit using Sines. Hasn't been heard for several months. Also AWR-Europe has quit Sines. (Nikolai Rudnev & Mick Ogrizek in ADXN 10/92)

RUSSIA - *Radio Titan*, Ufa, operates on 5780 & 1395 kHz, with a VOA pop concert at 1000

GMT. (WBI 10/9, quoting an announcement at 1000.)

Radio Irina Since 9/27, this station in Moscow broadcasting material in Vietnamese hostile to the government of Vietnam, has been heard broadcasting on 15620 and 15580 kHz at 1500-1600, instead of 1400-1500. (WBI 10/2) **Radio Irina** had changed time back to 1400-1500, when checked 10/1&2. It was traced only on 15580 kHz. (WBI 10/9)

At 0300 9/20 & 27 the "World of Radio" program on WWCW mentioned that test broadcasts in Vietnamese for Vietnam would be made on WWCW on behalf of Radio Miami International. These broadcasts were under the same auspices as "the ones from Russia which Vietnam objected to so strenuously". They would be run by the Vietnam Restoration Party under Tran Quoc Bao, headquartered in Torrance, California. This is the same organization behind Radio Irina. (WBI 10/2)

Private SW xmters were affected by seasonal freq changes 9/6. **R. Radonezh**, voice of the Orthodox Church, resumed daily programming on 9695 kHz, ex 9865, at 1500-1600, and on 846 MW at 1800-1900. (Shigenori Aoki and Yoshinori Kato on RJMR 9/20) **R. Alpha and Omega**, also on 9695 kHz, is heard 1400-1500. (RJMR 9/20)

Klub DX Golos Rossii was being heard "1435-1445" Sun in RR on 9795 kHz in mid-September. It's only 10 min long and the music changes from week to week. Not heard on 9795 after 9/27 when the Russians made major freq changes all round. **Golos Rossii** was heard in early October on 7330 at "0900-1400". (Mike Fern--CA)

Radio Moscow World Service suffered further cuts starting 9/27. The North American Service to WNA via the Soviet Far East is no more. The opening frequency announcement at 0300 (0400 with the return of Standard Time) is gone. The news at 0300 appears to be a taped repeat (with the same announcer) of news heard several hours earlier on the same freqs. This suggests RMWS may be running only two shifts in the EE service news production unit, and only studio engineers work the graveyard shift. A standard generalized RMWS meter-band announcement was heard at 0357 9/29.

Kochira wa Mosuko hoso kyoku desu: The evening service in JJ vanished from SW, between 9/27 and 10/1, and an hour-long program in EE which shared the same freqs went with it. However, on 10/2, EE was back on 7370 at 1200-1500 and on 5905 at 1400-1500, and JJ was returned on 5905 at 1300-1400. Sounds like someone got a short course in practical democratic management played on a world stage ... EE can also be heard from 1400-1600 on 9655 and 9755 kHz, apparently for SE Asia. [R. Moscow's problem is simple: it has no hard-currency supply of its own.] (Mike Fern--CA)

EE from the Soviet Far East as traced 9/27 thru 9/29 is as follows: 5905 at 1400-1500; 7370 at 1200-1500; 9655 and 9755 at 1400-1600; 11770 at 0530-0700, not regular; 11995 at 1900-2200; 12010 at 0600-0800; 12030 at 0430-0800; 15375 at 1900-2100; 15425 at 1000-0700 or 0800 (down in the mud after 0700); 17605 at 1900-2200; 17720 at 2200-0400. This includes the **R. Aum Shinrikyo** fall sked: 0430-0500 on 15425, 12050, and 12030 kHz and 2030-2100 on 17605, 15425, 15375, 12050 and 11995 kHz. (Mike Fern--CA)

Radio Moscow's listener mail is now about 100,000 letters a year, well below its peak in USSR days. Postage for answers to listeners' letters (including QSLs) is paid for out of the RMWS budget. Overseas postage which used to cost 50 kopeks now costs 25 rubles because of inflation. USSR stamps are still used by most former Soviet republics. Soviet currency still circulates. 1992 bills have had Lenin's picture removed from the watermarks, but not from the face of the note. (Joe Adamov, Moscow Mailbag 9/27, via Mike Fern)

R. Nadezhda's sked since 9/6: 0700-1000 to the Russian Far East, 630 MW and 15460; 0800-1000, 7300; 1000-1400 to Siberia, 9725, 9770, 11665 and 11805. 1400-1700 to Siberia and the Urals, 7310, 9490, 11800, 12005 and 17675; 1900-2000 to Eur.Russia on 5915 and 7300 kHz. Freq anmts not completely current in mid-Sept. (Shigenori Aoki and Yoshinori Kato on RJMR 9/27)

Deutsche Welle's GG service heard on 7340 kHz at 1200-1350, probably a Far East relay, although Sri Lanka could make it to CA at that time. 7340 was assigned to Krasnoyarsk, 56N 93E, with 240 kw for the Far East last winter. The Far East relay which carried **Radio Rossii** and other stations has shifted from 7300 to 7320 kHz; heard in CA from "0700-1400 with strong hum. 5970, 7490, and 9905 kHz are SSB feeders; 9905 carries RMWS in EE from "0400-0800; the other two carry RR home service. (Mike Fern--CA)

FEBC has two hours daily on "Mayak" #3 HS net. (Tooru Yamashita on RJMR 10/4) in European Russia is registered as "FEBC Radio International." (FEBC News 4/92 via Mike Fern)

Radio Pamyat - is now broadcasting and announcing a single daily xmsn at 1430-1600 on 12000 kHz, to change to 7230 kHz on 11/1. (WBI 10/23)

Dr. Gene Scott announced 10/4 or 10/5 that the **University Network** will be relayed via SW xmters at Samara and Novosibirsk starting 11/1. The Samara xmtre will be targeted on India, Indonesia and Australia. The Novosibirsk xmtre will be directed at China. Dr. Scott said this will complete UN's chain of SW xmters around the world. The Anguilla installation is nearing completion. Skeds and freqs for the

Russian relay probably will be ancd during services 11/1. (Mike Fern--CA)

Golos Rossii, the international Voice of Russia in RR, operates 20 hours a day. It is silent 00-01, 07-08, 13-14, and 17-18. Xmters may fill with Radio Rossii or Ostankino home services. Golos Rossii has three (or five) basic one-hour program blocks, which are not repeated in sequence. Each hour begins with the Golos Rossii theme, the Ruslan and Ludmila overture, and eight minutes of news. The feature programs of each block are "v Rossii i Ryadom" (Russia is Nearby), a 45-min show with folk music and news features, at H+10 six days; "Vzglyad [sic] iz Moskvi" (The View from Moscow), music and, I think, entertainment news, at H+10, six days; and "Mneniya" (Opinion), at H+30, seven days. "Vzglyad iz Moskvi" has two distinct editions, 15 min (at 0110) and 30 min (at 0010). The hour ends with a closing theme and a nine-note interval signal. The fall freqs for NA, subject to change and no times given, are 9458, 9580, 11630, 11730, 11745, 11830, 11900, 12070, 13605, 13680, 13735, 15180, 15245, 15315, 15455, 15595, 17760 and 21840 kHz. These xmters are all in Eastern Europe. (Golos Rossii sked via mf) I am also hearing **Golos Rossii** on 7330 kHz from 1100-1300 and 1400-1600, on 12000 kHz from 0530-0700*, and on 17840 kHz from 0100-0500 and 2000-2400. 17840 is best on the West Coast. (Mike Fern--CA)

Klub DX Golos Rossii, the Golos Rossii DX program in RR, is scheduled at 1215 and 1515 Sun, 0235, 0515, and 0930 Mon, 1630 and 1930 Wed, and 0125, 0615 and 2315 Thurs. All times are approximate because each 60-min hour is squeezed into three lines on the Golos Rossii program flyer. Each week has a 15-min edition (Wed and Thurs, H+25) and a 10-min edition (Sun and Mon, H+35). Times may change after 12/31. It issues its own full-data QSL card with text in RR, signed by the presenter, Pavel Mikhaylov, and sealed with its own seal. The front of the card has the old Radio Moskva Klub DX seal in red and black. If you write, give at least 30 minutes of program and signal data. Klub DX is preceded Sun/Mon by "Radioznakomstvo" (Radio Acquaintance, an interview program) or followed Wed/Thurs by "Kto estya Kto" (Who's Who). The mailing address is: Klub DX Golos Rossii, Radio Rossii, Ul. Pyatnitskaya 25 [not necessary], Moskva-Radio 113326. (Mike Fern--CA).

Rukhe Maruc, the Islamic Spiritual Heritage station in Moscow, is heard in Japan 1500-1545 Fri on 4055, 7300, 11630, 12075 and 17890 kHz. Signals are barely audible. 11675 and 12075 are best in Japan. (Shigenori Aoki and Yoshinori Kato on RJMR 10/18)

A Soviet Far East relay on 11660 kHz is being heard *0100-0500 with *R. Ukraine* in EE at 0100, *R. Vilnius* in Lithuanian at 0200, *R.*

Yerevan in Armenian and EE at 0330, and *R. Ukraine* in Ukrainian at 0400. (Mike Fern--CA)

A Russian Far East relay on new 17860 kHz was heard from *0100-0400* 10/23 // 15425 kHz in EE to NA. (Mike Fern--CA)

RID, the time signal station located at Irkutsk, has been verified through the following route: Mr. Fedor Brazhnikov, P. O. Box 3036, 664059 Irkutsk-59 (Mark Hattam's QSL Report in WDXC's CONTACT, via Rich d'Angelo)

RWANDA - *R. Muhabura* (clandestine), 6339.9v with usual IS (choral theme) in progress 10/13 at 0419 tune-in; OM anmt at 0422, characteristic drums at 0423, then ongoing talk. Just fair at best. Same routine next day w/somewhat better signal. Then, 10/19, surprised to find this already on 0403 w/talks mentioning Rwanda and Muhabura. Seemed into French around 0420 but difficult to tell thru QRN. Next day, also on early at 0358 tune-in with OM definitely in French and a short theme-song in FF too at 0403. Back to talk at 0405 with different OM now in local lang. Drums at 0413 followed by ID ref to Muhabura. Good signal initially and still fair past 0430. Steady on 6339.94. Change of sked for summer season? (Dave Clark)

ST. HELENA - *R. Saint Helena* 10/23 w/strong signal suddenly on the air on 11092.5 (USB) at 2001 with BBC news off-air relay in progress. Some signal hum during the audio feed totally cleaned up when local pgm began with ID and background notes relating to the first broadcast on 10/6/90 and today's special 25th anniv. "Saint Helena Day" broadcast. Freq was announced as 11092 "in the 25 meter band" but later on there were other anmts giving the exact SSB shortwave (and MW) freq's. Tony Leo said the C&W xmt was running 1.5 kw (same as 1990 best except then it was on LSB).

Local news bulletin to 2015, then same gal as hosted 1990 broadcast w/"announcements and advertisements" and then fascinating local entertainment news to 2026. Tony Leo began w/TC, wx & phone number for international calls. Lots of "oldie" pop music segments interspersed with overseas calls. Callers were invited to write direct or FAX to 290-4542 (that line to be open for 3 days only til Monday mid-day), for "very colorful" special QSL's and to order 25th anniv commemorative T-shirts for \$US 22 - orders close Dec 31st.

CIDX's Sheldon Harvey called early on in the broadcast, right in the middle of the 'Isle of Saint Helena' theme song, unfortunately, but if you missed it, Glenn Hauser played it in full on 'World of Radio' during the Oct 10th weekend broadcasts. ODXA's John Fisher got thru at 2042 with a solid signal report. First bcst closed 2105 on shortwave (MW continuing) when Tony announced they intended

"return to the international at 10 o'clock". Rock solid, S8-9 signal throughout.

Back on at 2200, opening up acknowledgements to a number of callers then a live call from Chuck Mitchell, Mike Nikolich & John Williams who were on a DXped in northern Michigan and reported strong signals; next caller was ODXA's Chris Meloche. Later on, a caller from southern California indicated the signal was not very strong, but that was followed by a caller from Japan who was also hearing the signal "ok". In the last half-hour, we also heard NASWA's Bob Brown who was advised by Tony that T-shirt checks should be made payable to Radio Saint Helena and addressed to the station direct. At 2245 there was a call from Brian Gilhuly in Toronto who extended greetings to all his friends in the ODXA and on the ANARC Listeners' Net. Appropriately, the Abba hit 'Waterloo' was played (as it was on the original broadcast) near the end of the transmission. The final two callers were ladies: 'Penney' from Ontario, whose husband is an "avid DXer", and 'Christine' who is associated with WWCR. And how about that last song before Tony's closing amts: 'Glad All Over' by the Dave Clark Five!

Signal during the second hour was almost as strong here but RTTY ute signal was a constant nuisance factor in the background. Surprised that it held up so well through to 2300 (all-darkness path by this time); good uptick in the solar flux combined with quiet geomagnetic field surely didn't do any harm.

All in all, a very memorable 'Radio Saint Helena Day' for many SWBC listeners and DXers in many parts of the world. (Dave Clark, Ont)

SENEGAL - The station on 7170 being heard in French around 0630+ turned out to be *ORT du Senegal*, not RFO Noumea which is believed to be off SW for good. Senegal's 60mb frequency of 4890 which used to operate from 0600 s/on has been inactive for quite some time. (WOR)...this one was noted on Sept 27th at 0725+ on 7167.4 (varying to 7167.7) with a music program and clear ID's in French. (Dave Valko in Numero Uno via ODXA)

SRI LANKA - The *SLBC* is seeking reception reports for its over-the-pole xmsn to ENA on 15425 kHz at 2330-2400 Mon GMT. Reports should be addressed: Deputy Director General (Engineering), New External Broadcasts, SLBC, P. O. Box 574, Colombo. (VG on RNMN 9/23)

The Far Eastern Economic Review says India is worried because Iran has expressed interest in using Sri Lanka as a SW relay base. The foreign minister of Iran visited Sri Lanka in July. Sri Lanka's press has said nothing about Iran's feelers. In the late 1970's Iran approached France and Sri Lanka about a similar project. Sri Lanka is well situated to cover

Muslim communities in South and Southeast Asia, from Bangladesh to the Philippines. (JM and VG on RNMN 9/23)

SOUTH AFRICA - Radio RSA emerged on a crop of NF's for S92. Observed on 11820 with PP *0500; on 15250 with FF *0500 // 11900; 11900 FF 0430 all on 10/4. (Bob Padula)

SUDAN - R. *Omdurman* well heard in Japan on 9190 kHz on the following sked: *1430-1500 AA, 1500-1530 EE, 1530-1700 AA, 1700-1800 FF, 1800-1900 EE; 1900-1930* AA. All transmissions are // 576 MW and 7200 kHz, but 7200 not ancd. On 9/7 the station announced test xmsns from 0300-2000. (Nobuaki Takahashi, Shigenori Aoki and Tooru Gohara on RJMR 9/20)

Throughout 10/2 Sudanese xmsrs, which normally operate on 9170, 7200, 1296 & 963 kHz, and which normally carry programs from Omdurman, were noted carrying programs announced as being from *Radio Juba*. Arabic news, announced as being from *Republic of Sudan Radio*. *Juba* was heard at times identical to those normally expected from *Republic of Sudan Radio*, *Omdurman*; i.e., at 0430, 1300, 1500, 1700, 1800, 1930 & 2145. *National Unity Radio* from Omdurman, and the Radio Omdurman programs in French and English; normally carried on 9170 at 1300-1700 & 1700-1900, respectively, were not observed 10/2. Broadcasting returned to normal on 10/3, with programs being announced as being from Omdurman. (WBI 10/9)

National Unity Radio, identifying in EE, is heard in India from 1500-1530 on 9170 or 9190 kHz. It started in 9/86, is operated by the Moral Guidance Branch of the Sudanese Armed Forces in Omdurman, and shadows or counters "Radio SPLA", which uses the same freqs. NUR operates from 1300-1700 in AA, vernaculars, and EE (normally at 1500). (Richard Measham on RNMN 10/22)

SWAZILAND - After several months of testing, alterations and corrections, HCJB's third 100 kW SW xmttr has arrived at the *Trans World Radio* site in Swaziland. Unlike the preceding two xmsrs now operating at in the high altitude of Ecuador, this one will be used near sea level and on different broadcast bands, requiring many alterations on the xmttr, drawings and manual. The xmttr will replace one of four 25 kW units built in the late 1940s. The new xmttr is expected to be on the air in August. HCJB's next 100 kW xmttr is scheduled to go to TWR in Sri Lanka, pending negotiations with the government. (from HCJB's *Around The World*, via Marlin Field, MI)

TAIWAN - The *Voice of Free Asia* ceased broadcasting early in September when South Korea severed diplomatic relations with Taiwan.

[As heard; South Korea established diplomatic relations with Beijing late in August.] VoFA was set up in 1976 as a joint service by Radio Korea and Taiwan's Central Broadcasting System. It was beamed to the Chinese mainland from both countries. Each station recorded its own programs for VoFA and exchanged pre-recorded tapes. R. Korea had broadcast 60 min of CC programs produced by CBS and CBS had broadcast 60 min of CC and KK programs produced by R. Korea. The last broadcast of VoFA from Seoul was on 9/6; since then, R. Korea's own CC service has used the 1500-1600 time. Taiwan CBS has also stopped airing VoFA but the last date was not known in late September. (Tooru Yamashita on RJMR 9/27)

A plausible schedule has finally emerged for the shortwave relays of the BCC Domestic Services, Mandarin, originating in Taipei. Details are: News Network - 7295 0900-1200, 9610 0500-0100, 9765 0500-0800 & 1700-0100, 11725 0500-0100, 11845 0500-0100, 15270 0600-0900; Popular Network - 9280 0900-1800, 11885 0500-0100, 15125 0500-0100. (Japanese SW Club). And I'm hearing new 11970 with the Popular Network around 2000-2100 as at 10 October, inaudible on 15125 or 11885, suggesting further sked changes! (Bob Padula in ADXN 10/92)

TURKEY - The *Voice of Turkey*, Ankara, has appeared on new 5935 for its Turkish service, relaying the Domestic program, in the 2000-2200* period. First noted here on 10/8. Some splatter from 5930 and will QRM co-channel Riga. Parallel with 9460. (Bob Padula in ADXN 10/92)

UKRAINE - *R. Nezalezhnost* (Independence), Lvov, heard from 1600-1800 Wed/Thur only on [summer freqs of] 5980 and 11825 kHz. The address is Ul. Vatutina 6, Lvov 295005, Ukraine. (Sankt-Petersburg DX Club via Alexei Gushevski, Ukraine, on DXPL 9/26)

UNITED NATIONS - United Nations Broadcasts: According to a sked dated August 1992, UN Radio programs in EE are heard via the following stations as follows:

RFPI - Mon-Fri 2150-2200 & 2350-0000; Mon/Wed/Fri 2100-2115; Mon/Sun 1845-1900; Sat/Sun 2330-2345. Freqs that may be used are 7375, 13630, 15030, 21465.

IRRS - Mon-Fri 0200-0230, 0730-0800, 1700-1730; Sat 1330-1400; Sun 0730-0800 & 1700-1730, on 7125. (ADXN 10/92)

Bhutan Broadcasting Service - Mon/Thur 1630-1645 & 1430-1445 5025.

Sierra Leone Broadcasting Service - Fri/Sun 2115-2130; Sun 1900-1915, on 3316.

AIR - Sat 1346-1401 & 1930-1945, on 9565, 11760, 11810, 15110.

R. Calro - Sun 2030-2200 15335. (Bob Padula).

USA - *WWCR-2* began using a new antenna directed at WNA for the University Network on 13815 kHz about 9/25. Seasonal changes moved

the shift from 5920 to 13815 kHz to 0500 after 9/26. And Dr. Scott says "We have other things afoot." The repeated Lord's Table broadcasts in EE and PP are for Brazil where Dr. Scott's organization has a mission and an orphanage. (Mike Fern--CA) *WWCR-2*, which carries the Univ. Net., has moved from 13815 to new 13840 kHz. If you can't recognize Gene Scott's voice by now ... (Mike Fern--CA) [And later moved to 11845 kHz. -df]

WIRI has moved its Cuba-targeted programs from 7315 to new 9985 kHz at *0200-0500, where they are just as heavily jammed as 9495 kHz. 7315 has Hrvatska Radio at 0500. (Mike Fern)

KJES, Mesquite, NM, probably has a Costa Rican Elcor xmr. When (Bill Flynn) sent *KJES* a yes-no questionnaire last year the one volunteered item was "wrong kind of xmr." I then thought it was a point-to-point unit. The Elcor may not have had FCC type approval. If so the owners would have had to hire an FCC-recognized consulting engineer to come out to New Mexico and (a) do all kinds of measurements, (b) modify the xmr to bring out-of-bounds measurements within FCC standards, (c) possibly file a revised app describing the xmr as homebrew ("composite") to get through the construction-permit stage. If so the Lord is leading *KJES'* owners by the hand. (Mike Fern--CA)

UZBEKISTAN - *Uzbek Radio*, Tashkent, First Program, is broadcast at 0000-2100 in Uzbek & Russian on 5995 kHz. The Second Program, mostly Uzbek, but some Russian, Kazakh, Tajik & Crimean Tatar, operates 0000-2300. Frequencies are 15200 & 15165 (both "daytime"), 9840 ("evening"), 9545 ("evening & night, and 4850 kHz. (WBI 9/25)

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*. *RJMR* - Radio Japan Media Roundup; *BMM* - Bruce MacGibbon, *RJMR*; *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. *RAE*--Radio Argentina al Exterior. *RMWS*--Radio Moscow World Service. *SCDX*--Sweden Calling DXers.

Send material to masthead address or Email to CompuServe 76702,771, Prodigy JDBM33A, or even GENIE D.FERGUSON14.

Opinions are mine, not VOA's. Back in December. Dan

QSL Reports

Sam Barto
47 Prospect Place
Bristol, CT 06010



ALASKA: KNLS f/d "Map of Broadcasting Areas" in 85 ds. for 2 ms. v/s Mike Osborne, English Language Host. Letter and schedule were rcvd. (Martin-CA).

AUSTRALIA: Radio Australia 9580 via **Shepparton** n/d "Wilderness Society" cd. w/ ltr. and schedule in 22 ds. (Christensen-ALB). same in 15 ds. for 1 IRC. (Clement-GA). 17795 f/d ltr. in 3 wks. (Galgano-NY). same in 18 ds. but postmarked Burlingame, CA: (Fahrer-NY).

YOU HEARD US!



MIDNITE RADIO

NAME Chris Lobdell
FREQ. 7415 kHz POWER 100 W
DATE Apr 5 '96 TIME 0210 UTC
TECHNICAL 4 wave inv's' Ant.
4/4 yes. Transmitter Very
glad you wrote us and listen!

the
MIDNITE RADIO
Box 109
Blue Ridge Summit,
PA 17214
(214) 888-1551 24 hrs!

QSL # 0130

SIGNED Max Silver
P.O.

AUSTRALIAN PIRATE: Radio G'Day 11400 f/d cd. w/ verie ltr. and newspaper * clippings in 67 ds. for \$1.00. This was the second rpt. from NA to be verified! v/s Howdy D. Doody. (Kusalik-ALB)...Thats a big Howdy Doody!

BAHRAIN: Radio Bahrain 9746 p/d pink and white "Map" cd. in 7 mo. for ms. and a taped rpt. (Sgrulletta-NY).

BONAIRE: Radio Nederlands 11835 f/d "Garden Outside Town of Lisse" cd. in 55 ds. for 1 IRC. (Corlies-ONT). **Trans World Radio** 11930 f/d "3 Stickers to attach to card of Atlantic Ocean Map" in 21 ds. for 1 IRC. v/s Joyce E. Waller. Also rcvd. "Pinta" sticker and a personal ltr. (Corlies-ONT).

BOSNIA (Yugoslavia): Radio Jugoslavia 11870 via **Bijeljina** f/d "Danube" cd. * w/ schedule in 3 mo. for ms. (Sgrulletta-NY)...Not yet a NASWA country (Humenyk-ONT).

BOTSWANA: VOA 13710 via **Selebe-Philbe** f/d "Map of Africa" cd. in 2 mo.

BULGARIA: Radio Sofia 17825 f/d "Rila Monastery" cd. in 77 ds. w/ sticker and schedule. (Levison-PA).

CANADA: Canadian Forces Network 15325 via **RCI** n/d personal ltr. in 49 ds. w/ RCI schedule and stickers. (D'Angelo-PA). 13650 p/d form ltr. in 27 ds. for \$2.00 Canadian. Sticker was rcvd. v/s Jean Choquette. (Palmer-sheim-WA). 21675, 15325, 13650 and 17875 n/d cd. in 6 wks. for a rpt. sent to the Lahr, Germany address. (Field-MI). **Radio Canada International** 13760 f/d "1981 IYDP" cd. w. schedule and pennant in 45 ds. (Galgano-NY). **CIBC** 6005 f/d ltr. w/ old style CFCX QSL cd. in 8 mo. for ms. v/s Ted Silver, Assistant Program Director. (Kusalik-ALB).

CHINA, PEOPLES REP. OF: Radio Beijing 9770 cd. w/ paper-cut in 41 ds. (Levison-PA)...**Ramako** relay? 9690 f/d cd. w/ schedule and a newsletter w/ sticker in 3 mo. (Fahrer-NY)...**Spanish** relay? **Radio Canada International** 9535 and 11795 via **Xian** f/d cd. w/ 2 form ltrs., schedule, ANARC club list and pennant in 17 ds. (Yamada-JPN).

CLANDESTINE: Voice of
* **China** 15280 via **Broad-casting Corp. of China** 2 f/d prepared cds, signed and stamped in 32 ds. for \$1.00. v/s Bang Tai Xu, Director. (Kusalik-ALB).

COSTA RICA: Radio For Peace International 15030 f/d cd. in 54 ds. (Anderson-MI).

I ♥
via Kusalik
RADIO G'DAY

We Are Pleased to verify your Reception of our station.

On 23 de noviembre 1990 (date)

at 04:55 - 05:55 GMT

On 5,980 mhz

A.W.R. (station)

We via Krepp

Thank You for interest in A.W.R. and wish you continued good listening.

Programming Dept.
Adventist World Radio
Apartado 35-C
Guatemala City
Guatemala, C. A.



NOTES: Jim Galomo

says that since his last report, he has gotten married and moved. He has been using a portable Grundig SAT 500 until such time as a suitable antenna is erected for the Drake R8.. Two tips Jim...make sure your new wife does not "conveniently" lose your QSL collection and whatever you plan to erect, for your antenna, make sure it is properly mounted and utilized in such a manner that it will bring you the best satisfaction...Sam.

George Clement sent along a copy of his "ham" QSL card. Thanks George...Sam. Kevin Murray says he is very pleased with his recent QSLs from the Papua New Guinea stations. They are a very friendly people....Sam. Doos

Comesau says that his QSLs have been rather interesting lately especially the pirate QSLs and the one from Radio Aum Shinrikyo. It would be so much better if R.A.S. were to list the transmitter sites.

COSTA RICA: Adventist World Radio 5030 and 9725 f/d cd. w/ personal ltr., program schedule, pennant and sticker in 3 mo. v/s David Gregory.(Field-MI). f/d cd. w/ sticker and ltr. in 4 mo.(Boulden-CA). f/d cd. in 6 mo.(Galvano-NY).

CUBA: Radio Habana Cuba 11970 f/d "DX Club" cd. in 4 mo. w/ schedule and stamps.(Fahrer-NY).

CZECHOSLOVAKIA: Radio Czechoslovakia 11990 f/d "Radio Prague" cd. w/ sticker and schedule in 27 ds. for 1 IRC.(Pankake-MN). Radio Praha International 11990 f/d cd. w/ schedule and sticker in 26 ds. for 1 IRC.(Clement-GA). f/d "Lesser Town's Bridge Tower" cd. in 98 ds. for ms.(Humeny-ONT)...I guess we are going to have a few name changes here until the situation gets straightened out...Sam.

DUBAI: Radio UAE Dubai 17890 f/d "Great Circle Map" cd. in 28 ds.(Fahrer-NY).

ECUADOR: Radiodifusora Nacional del Ecuador 15350 via HCJB f/d "Mt. Chimborazo" cd. in 1 mo. for 1 IRC.(Clar-NY).



We thank you for your reception report and are pleased to confirm that you have heard our station on 12.22.90 at 04:55-05:55 GMT on 5985 kHz

Sincerely yours,

Rikisutvarpid

RIKISUTVARPID

RELAJONIN RAJONIN BROADCASTING SERVICE

POSTAL BOX 1, 00010 HELSINKI, FINLAND

For addresses: Helsinki, Uusimaa; Turku, Satakunta; Tampere, Pirkanmaa; Oulu, Lapland; Rovaniemi, Lapland.

Christopher Lobdell
P.O. Box 146
Saraham, Massachusetts
02180
U.S.A.

The new series of Postage stamps include eight postage stamps featuring Bible stories from the New Testament. Postage stamps include a region shipping rate and the Postage Office of Helsinki.

ECUADOR: La Voz del Napo 3280 p/d cd. w/ station seal, sticker and a personal note in 3 mo. for a SP rpt. and \$1.00. v/s Ramiro Cabrera.(Clar)

EGYPT: Radio Cairo 9475 p/d cd. w/ schedule, sticker and postcard in 30 wks. for ms. and a taped rpt. This after a f/up rpt.(Klinck-NY).

ERITREA: Voice of the Broad Masses of Eritrea 7490.4 f/d blue cd. w/ station seal in 6 mo. for \$1.00.(Kusalik-ALB).

FERNANDO POO: Radio Africa 2000 6910 f/d cd. in 11 mo. and 5 mo. after a f/up rpt. Address used: Spanish Embassy, Malabo, Equatorial Guinea.

This was for a SP rpt. and \$1.00.(Lobdell-MA).

FRANCE: Radio France International 17650 via Issoudin f/d "Notre-Dame" cd. in 37 ds. for 1 IRC. Schedule was rcvd.(Martin-CA). 17620 f/d cd. in 34 ds. w/ schedule for 1 IRC.(Pankake-MN).

GEORGIA: Radio Tbilisi 11760 f/d "Tower" cd. in 3 mo. after a f/up rpt. w/ \$1.00. v/s Helena Aplchadze.(Kusalik-ALB).

Wir danken Ihnen für Ihren Empfangsbericht und bestätigen Ihnen gern die Richtigkeit ihrer Beobachtung. Sie hörten unseren Sender **LEIPZIG**

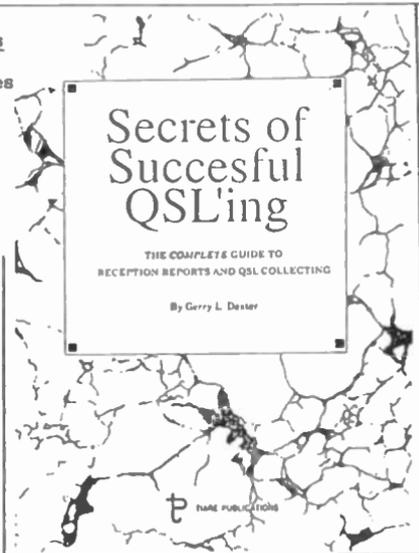
DRUCKSACHE - IMPRIME

am 12.4.1991
um 0301-0330 UTC
auf 13610 kHz

Thank you for your reception report which has been checked with our schedules and found to be correct. We are very glad to herewith verify your report.

Jerry Klinck
43 Lein Road
West Seneca
N.Y. 14224

DEXTRA: Once again, ace Dæx and Mr. QSL has outdone himself! The new edition of Secrets of Successful QSL'ing has arrived. I very enthusiastically endorse the data and techniques as described in this extremely useful publication. If you collect QSLs - you cannot do without this document. For additional information on this book and other TIARE publications please contact: Gerry Dexter at TIARE Publications, P.O. Box 493, Lake Geneva, WI 53147.....Sam.



GUAM: Adventist World Radio 11980 f/d cd. in 38 ds. for 2 IRCs. (Nibecker)

HONDURAS: HRVC 4820 n/d "Logo" cd. w/ sticker, form ltr., and schedule in 1 mo. for a SP rpt. and \$1.00. v/s Srta. Orfa Esther Duron Mendoza. (Clar-NY). f/d ltr. w/ pennant and cd. in 29 ds. for 1 IRC. (Anderson-MI).

HUNGARY: Radio Budapest 15160 f/d cd. of "National Costumes" in 57 ds. (Humenyk-ONT). 9835 f/d cd. in 35 ds. (Fahrer-NY). 15220 f/d "Matthias Church" cd. w/ sticker in 24 ds. (Levison-PA). 11910 f/d "19th Century Parliament" cd. in 1 mo. (Humenyk-ONT).

ICELAND: INBS 15770 f/d cd. in 15 ds. for ms. (Gaharan-LA).

IRELAND: Radio Dublin International 6910 f/d "Map" cd. in 46 ds. for \$1.00. Rcvd. a 25th anniversary booklet and a 1992 calendar. v/s Eamon Cooke & Jane Cooke. (D'Angelo-PA).

ISRAEL: Kol Israel 11588 f/d cd. w/ pennant and schedule in 36 ds. for 1 IRC. (Clement-GA).

ITALY: European Christian Radio 6210 f/d cd. w/ schedule and station history in 6 mo. for 2 IRCs. (Galvano-NY). RAI 11800 f/d cd. in 129 ds. (Galvano-NY).

JAPAN: Radio Japan 11865 via Yamata f/d "Commemorative" cd. w/ schedule and station info. in 40 ds. v/s K. Hishikawa. (Christensen-ALB).

JAVA: RII Semarang 3934.6 f/d prepared * cd. w/ p/d ltr. in 36 ds. for SASE (used). This was after 2 f/up rpts. in IN. v/s Mardanon, Kepala Teknik. (Palmerheim-WA).

KENYA: Voice of Kenya 4934 f/d aerogram ltr. in 32 ds. for \$1.00. (Anderson-MI).

KIRIBATI: Radio Kiribati 14917.7 f/d "Toddy Cutting Card" in 40 ds. for ms. v/s T. Fakago, (Sgrulletta-NY).

LESSER SUNDA ISLANDS: RII * Kupang 3385 f/d prepared cd. in 23 ds. after a f/up rpt. in IN. I sent an SASE which was used. v/s Alfonsus Soetarno. (Palmerheim)

LITHUANIA: Radio Vilnius 15580 f/d cd. in 67 ds. w/ schedule for 1 IRC. (Martin-CA).

Radio Bilingua Comercial
"ONDAS DEL MAYO"
21 Huilago 348 - Hrs. Cajamarca
SAN MARTIN - ADOA - PERU

MEVEA CAJAMARCA, 2 DE JULIO DE... 1992.

Sr:

RICHARD A. D'ARCELO
2216 BURREY DRIVE
WFOUNTSIC, PA 19610
ET. UU. DE A. (U.S.A.)

De mi especial consideración:

Profunda satisfacción me ha causado su misiva el informarme, que RADIO "ONDAS DEL RIO MAYO" tiene alcance hasta ese lejano país, y que se escuche en algunas de sus programaciones; por lo que le expreso mi sincero agradecimiento.

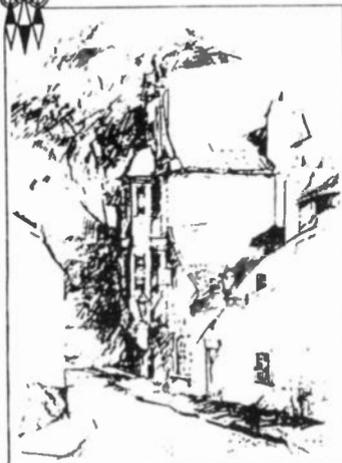
Le informo que la emisora es relativamente joven (seis meses de prueba). El nombre que lleva alude al importante "RIO MAYO" que cruza por la localidad y de cuyas aguas se benefician todos los pobladores por donde discurren sus aguas, especialmente los agricultores de la zona.

Nueva Cajamarca es un distrito comprendido de la provincia de Ploje, REGION SAN MARTIN-PERU; conformado casi en su totalidad por agricultores que se dedican al cultivo del arroz, maíz y otros productos de menor escala. Su población alcanza a cinco mil habitantes aproximadamente. La mayoría de ellos propietarios de la Región Cajamarca de allí su nombre. De por sí es un pueblo progresista, trabajador, convertido por acción de sus habitantes y exalante clima tropical en el mejor distrito de la zona. También son importantes sus ferias dominicales por las abundantes transacciones dominicales.

Me agradecería tenerlo algún día por estos lugares y disfrutar personalmente de la emisita, que es el don más preciado de la humanidad.

Reciba usted mis saludos de confraternidad y, en prueba de ello, algunos presentes.

RADIO PRAHA OIR QSL



MALAGASY REP: Radio Nederlands 9860 f/d cd. in 31 ds. for 1 IRC. (Clement-GA).
MALI: Radio Beijing 9770 f/d "Tiantan Park" cd. w/ site and sticker in 17 ds. for 1 IRC. (Pankake-MN).
MAURITIUS: Mauritius Broadcasting Corp. 9709 * p/d ltr. in 2 mo. after several f/up rpts. since 1984. v/s S. Saless, Studio Manager. (Sams)... Good catch... Sam.
MEXICO: XEFT La Voz de Veracruz 9546 prepared cd. w/ ltr. and schedule in 71 ds. for \$1.00. v/s C.P. Miguel Rodriguez Saez. (Wilkins-CO).
MONACO: Trans World Radio 9480 f/d cd. in 35 ds. (Gaharan-LA).
NAMIBIA: Namibian Broadcasting Co. 13670 f/d cd. in 44 ds. for \$1.00. (Galgano-NY).
NEW BRITAIN: Radio East New Britain 3385 f/d "Lake and Mountains" cd. in 107 ds. after a f/up rpt. and SASE. (Murray-OR).
NEW GUINEA: Radio Morobe 3220 p/d ltr. w/ station info. in 131 ds. for ms. v/s Ken L. Tropu, Program Manager. (Durden-GA).

NOTES: Shawn Fahrer sent in his latest QSLs along with a note saying that his tuner knob lost connection to the tuner. Nice QSLs but you have to get that fixed. Hope you didn't get stuck on a Radio Tirana frequency!... Sam. Kevin Murray says that he is having a bit of trouble verifying the Chinese regionals directly. If all else fails, report to the CPBS or Radio Beijing... Sam.

NEW GUINEA: Radio Eastern Highlands 3395 f/d ltr. w/ station info. in 139 ds. after a f/up rpt. w/ ms. v/s Ignas Yanam, Technical Officer. Five days later I rcvd. a 2 page ltr. from Kiri Nige, Engineering Division. (Durden-GA). nice personal ltr. in 21 ds. for SASE. (Murray-OR).

NEW ZEALAND: Radio New Zealand International 9700 f/d cd. w/ schedule, sticker and tourist info. in 22 ds. for 3 IRCs. (Christensen-ALB). p/d cd. w/ sticker and schedule in 21 ds. for 3 IRCs. (Anderson-MI).

NIGERIA: Radio Nigeria 4770 via Kaduna f/d ltr. in 37 ds. for \$1.00. v/s Johnson D. Allen. (Gold-MI).

PALAU: KHEN 9830 f/d "Map" cd. w/ sticker and a personal ltr. in 1 mo. for ms. v/s Patrick C. Kowalick. (Orcutt-NY). f/d cds. for 2 different rpts. in 68 ds. for ms. (Gaharan-LA). f/d cd. in 104 ds. for \$1.00. v/s Paul Swarjedal. (Millard-TX). f/d cd. in 53 ds. 50 kW. v/s Paul Swartzendruber, Chief Engineer. (Howard-CA). f/d cd. in 96 ds. (D'Angelo-PA). same in 4 mo. (Field-MI).

PAPUA NEW GUINEA: Radio Enga 2410 n/d very friendly and personal ltr. in 39 ds. after a f/up rpt. w/ SASE. v/s John Lyein Kuk, Provincial Manager. (Murray-OR).

more to follow...



RADIO NACIONAL DEL PARAGUAY

TELÉFONOS: 449-486/446-409

MONTEVIDEO Y ESTRELLA

***** via Clar

FRECUENCIAS: ONDA MEDIA: 920 KHz.;

ONDA CORTA: 9735 KHz. (31 MTS.)

y 6025 KHz. (49 MTS.)



RADIO NACIONAL DE PARAGUAY

CERTIFICADO DE SINTONIA

via Jim Clar

Muchas gracias por su informe de recepcion. Tenemos el gusto de confirmar su control de nuestra emision en:

9735 KHz. de fecha el 1 de Julio de 1992

a las 7:36 - 8:02 pm horas de Paraguay con

70 vatios de potencia

[Handwritten signature]

f firm

FILMON G. ARGUELLO M.



sello



QSL VERIFICATION
 RADIO HI PERSIK INDRAMAYA
 STASIUN REGIONAL Dili
 PROGRAM : REGIONAL
 FREKUENSI : 3305 KHz.
 1005 KHz.
 105 KHz.

PERMISIAN : KOTA
 DILI 111 11111111
 FREKUENSI : 80, 2 KHz.

Laporan : Kepada Yth. Tuan Harry L. Helms

Kami membentarkan bahwa Tuan telah mendelegasikan kepada Radio Republik Indonesia Stasiun Dili Program Regional pada gelombang 90,77 meter/3305 KHz, 1005 KHz, 105 KHz, dari jam 22.30 sampai 22.20 dengan call sign RR1 Regional Dili/75001. Pemancar buatan Len Bandung mempunyai 3305 KHz/100 KVA/105 KHz. Out Power 21.300 Watt, Radius 4000 Km.

Terima kasih atas Laporan Tuan tentang pemrograman tersebut.

Kepala Stasiun

Harry A. Silalahi
 Kepala Stasiun

PARAGUAY: Radio Nacional de Paraguay

9735 f/d prepared cd. w/ ltr. and station info. in 2 1/2 mo. for a SP rpt. Also rcvd. stamps and a pin. v/s Filemon G. Arguello M. (Clar-NY).

PERO: Radio Marañon

4835 prepared cd. w/ ltr. in 85 ds. for a SP rpt. v/s

P. Ubaldo Ramos Cisneros S.J., Director. (Wilkins-CO). Ondas del Mayo 6803 prepared cd. w/ small station pennant, town photo and a nice ltr. in 121 ds. v/s Edilberto Lucio Peralta Lozada, Gerente. and a long 4 page personal ltr. in 1 mo. for a SP rpt. and ms. 300 watts! v/s Valentin Mejia Vasque, Director. (Orcutt-NY). Radio Horizonte 4509 prepared cd. w/ ltr. and postcard in 68 ds. for a SP rpt. and \$1.00. v/s Juan Vargas Rojas, Director de Publicidad. (Wilkins).

PHILIPPINES: VOA 15160 f/d

"50th Anniversary" cd. in 7 ds. for ms. (returned). (Pankake-MN). 17790 f/d cd. in 2 mo. (Humenyk-ONT).

PORTUGAL: Radio Free Europe

11815 f/d "Map" cd. in 61 ds. This was from the Maxoqueira site. (Durden-GA). Deutschlandfunk 11905 and 9650 via the Deutsche Welle relay at Sines site. f/d cd. w/ sticker and schedule in 42 ds. (D'Angelo-PA).

RUSSIA: Deutsche Welle 17620 (unknown site?) n/d "German Map" cd. in 6 wks. (Field-MI). Radio Aum Shinrikyo 15485 p/d "Shoko Asahara" cd. w/ schedule in 2 1/2 wks. for 2 IRCs. (Clar-NY). n/d "Harry Guru" cd. in 15 ds. for \$1.00. (Wilkins-CO)... Harry Guru is pretty good and in keeping with the Island Girl in Native Dress designation. Hi!..Sam. * Adventist World Radio 11900 via Ekaterinburg f/d "Map" cd. in 2 mo. Personal ltr. was rcvd. (Field-MI). 11785 f/d prepared cd. in 35 ds. w/ schedule. v/s Roger Graves. (Kusalik-ALB). 11785 via Moscow f/d prepared cd. w/ ltr. in 35 ds. for \$1.00. (Kusalik-ALB). 15125 via Samara f/d cd. from 1971 in 60 ds. Also rcvd. personal ltr. and rpt. forms. (Humenyk-ONT). same in 6 wks. (Field-MI)



STATE OF BAHRAIN
 MINISTRY OF INFORMATION
 BROADCASTING & TELEVISION

VIA John Sgrulletta

Dear Sir!

Thank you very much for your reception report and enclosures. The programme details 'on' mentum confirms to our Broadcast schedule

The information provided by you gives us important feed back to improve our service.

With best wishes from all at Radio Bahrain

Date: 6th July 1992



DIRECTOR OF BROADCASTING

SOLOMON ISLANDS BROADCASTING COF

QSL CONFIRMATION Date: 2/25/92

This confirms your reception of:-

9545 kHz. on 2/25/92 from 2220 (GMT)

1020 kHz. on _____ from _____ (GMT)

1016 kHz. on _____ from _____ (GMT)

_____ on _____ from _____ (GMT)

The transmission had an aerial power of _____

8 Advertisers Thank you for your report and we wish you good DX ing

SIBC

P O Box 654, HONIARA, S.I.

SIBC/20



To Robert Christman
 45 216-4 Ave. NW
 Calgary, Alberta
 CANADA

SAINT HELENA ISLAND:

* Radio Saint Helena 11092 cd. in 6 mo. v/s Tony Leo, Station Manager. (Sams)



SISTEMA RADIOFONICO II B
Ringer Barahona y Hnos. S. A.

NO HAY COSTA EN COSTA RICA
GRACIAS A USTED

via Klinck

730 KH 7
ONDA MEDIA

94.3 MGZ
F.M.



6006 KHZ
49 METROS

4832 KHZ
60 METROS

SAUDI ARABIA: BSKSA 9705 p/d
ltr. in 9 wks. for ms. This was after a f/up rpt. (Wall-ace-CT). 21670 f/d "Logo" cd. w/ schedule and form ltr. in 58 ds. via registered mail. v/s Suliman A. Al-Samnan, Director of Frequency Management. (Yamada-JPN).

SEYCHELLES: FEBA 11710 f/d cd.
of the "Operations Room" in 46 ds. v/s M. Asba, QSL Secretary. (Yamada-JPN).

SINGAPORE: Singapore Broadcasting Company 11940 f/d cd.
in 2 mo. after a f/up rpt. v/s Karamjit Kaur. (Boulden-CA).

SRI LANKA: Radio Japan 15210 via Ekala f/d "Summer Festival" cd. w/ site, schedule and rpt. forms in 14 ds. for 1 IRC. (Pankake-MN).

SULAWESI: RRI Ujung Pandang 4753 f/d cd. in IN w/ newspaper in 14 ds. for 1 IRC. This was after a f/up rpt. v/s Drs. Bambang Pudjono. (Yamada-JPN).

SUMATERA: RRI Jambi 4926.8 f/d prepared cd. w/ f/d ltr. in IN in 17 ds. for SASE. v/s Marlis Ramali. (Palmerheim-WA).

SWAZILAND: Swazi Commercial Radio 4980 p/d cd. w/ ltr. and schedule in 22 * ds. for \$1.00. This was for an 87 reception. Station only operates now on 6155 SW. v/s Guy Dault, Chief Engineer. Addr: Box 99, Amsterdam 2375, South Africa. (Wilkins-CO).

SWEDEN: Radio Sweden International 17870 f/d "Vasa Museum" cd. in 9 ds. for 1 IRC. (Pankake-MN).



SWITZERLAND: Swiss Radio International 9885 f/d "Cattle Grazing" cd. in 1 mo. v/s Gillian Zbinden. (Corlies).

THAILAND: Radio Thailand f/d "Stamps of Thailand" cd. w/ pennant and sticker along w/ schedule in 75 ds. for 1 IRC, \$1.00 and a taped rpt. (Name?)

TIMOR: RRI Dili 3304.6 f/d yellow cd. in 23 ds. for an IN rpt. and SASE (not used). This after 4 f/up rpt. v/s Paul J. Amalo BA. (Palmerheim-WA).

TOGO: Radiodiffusion TV Togolaise 5047 f/d "Map/Globe" cd. in 1 1/2 mo. for a FR rpt. and 2 IRCs. (Clar-NY).

TURKEY: Voice of Turkey f/d cd. in 30 ds. for 1 IRC. (Name?)...Gang...Please write your name after each item for the column. It is a shame to have several good QSLs not get proper credit...Sa.

UKRAINE: Radio Ukraine International 15580f/d cd. w/o site in 70 ds. for 1 IRC. (Wilkins-CO). 17605 f/d "Church Interior" cd. w/ schedule and postcard in 7 mo. (Martin-CA). 9865 via Klev f/d "18th Century Oil Painting" cd. w/ schedule in 4 mo. (Humeny-ONT). 9850 via Lvov f/d cd. in 26 ds.

USA: KJES 11715 f/d cd. in 13 ds. for ms. v/s Michael Reuter. (Galvano-NY)

Radio Barahona AM
MVC 1240 KHz
Fono 943-2533
542-2476

Radio HSBV 4930 KHz
Onda Corta
Radio Caracas AM
MHR 1200 KHz
Fono 521-3398
521-3373

Radio Cosmos FM
MHR 96.7 MHz
AM

Radio Heiba AM
MHP 1880 KHz
Fono 537-3211
537-3267

Radio Pedernales AM
MHP 1580 KHz

Senor Richard A. D'Angelo
2216 Burke Drive
Wvontoring, PA 19610
EE UU de A.

Distinguido Oyente:
Hemos recibido su correspondencia de fecha 8 de abril 91 donde nos comunica la recepción de nuestra emisora internacional en la banda de 60 metros y en la frecuencia de 4930 KHz; RADIO BARAHONA. Nuestros transmisores actualmente son inferiores debido a que estamos en Frunba. Así no hemos terminado de instalar completamente nuestro equipo.

Estamos transmitiendo con un Transmisor marca CAT55 y tenemos apenas 1000 Vatios en antena. Nuestra antena es Palidireccional. Nuestro Objetivo Principal es que nuestra emisora matriz: RADIO BARAHONA se convierta en uno solo en una potencia internacional a través de esta frecuencia en la banda de 60 Metros. Nuestra frecuencia original esta en FM en los 1240 KHz y transmitimos con esta misma clase de programación.
Transmitimos musica Popular variada para toda la region Sureste de la REPUBLICA DOMINICANA y tambien como una emisora comercial, educativa, religiosa y noticias. Tratamos de ser variados en nuestras transmisiones.

Prximamente tendremos disponibles banderines y stickers para nuestros oyentes internacionales. Inmediato le entregamos si lo enviamos automaticamente, para su coleccion.

Agradecemos sinceramente su atencion.

Ing. Roberto Lema S.
RADIO BARAHONA ONDA CORTA

Anderson-MI). 9510 2 f/d prepared cds. w/ ltr. in 25 ds. for \$1.00. v/s Rev. Richard M. Thomas. Station said this was their first response from Canada! (Kusalik-ALB). WSHB 9465 f/d cd. in 1 1/2 mo. for SASE. v/s Judy Cooke. (Clar-NY).

Voice of Free China

5950 via WYFR f/d cd. w/ sticker and schedule in 23 ds. (Levison-PA). WHRI 13760 f/d

"Logo" cd. w/ schedule in 10 mo. v/s Loren Holycross. (Humeny-NT). f/d cd. w/ schedule in 4 mo. (Fahrer-NY).

Croatian Radio 9495

via WHRI f/d "Globe" cd. w/ schedule in 6 mo. (Field-MI). WRNO

15420 f/d cd. w/ stickers in 54 ds. for ms. (Pankake-MN).

A RADIO MONDIALE I

via Gordon Darling

RADIO

FRANCE INTERNATIONALE

USA: WCSN 9850 f/d "Curtain Array" cd. in 1½ mo. for SASE. (Clar-NY). f/d cd. in 54 ds. (Galgano-NY).

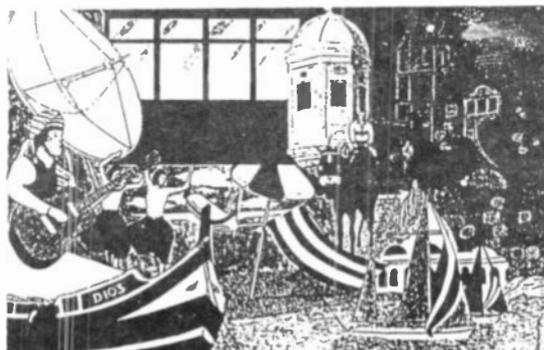
USA (Clandestine/Programs): The next group of QSLs was submitted by Ed Kusalik. They are all f/d prepared cds., signed and stamped, and relayed via WRNO / WHRI / or from Radio Miami International. They are as follows: Radio 16th de Decembre 17835; Radio Conciencia 7355; Esperanza 7355; Radio General Ochoa 7355; Rumbo a La Libertad 7355; La Voz del 30 de Noviembre 7355;

La Voz de Alpha 66 7355; La Voz de Medicos Cubanos Libres 7355; Forum Rev. Dem. Cubano 7355; Movimento de Recuperacion Revol. 15420; Tribuna Libre 7355; Radio Voluntad Dem. 7355; Pueblo Libre 7355; Radio Periodico Panamericano 7355 and Un Solo Pueblo 7355. Radio Miami International 15420 and 7355 f/d blue "Map" cd. w/ f/d prepared cd. in 38 ds. (Kusalik).

USA (Pirates): Midnite Radio 7415 f/d cd. #130 in 6 mo. for ms. via the BRS address. v/s Max Silver. (Lobdell-MA). f/d cd. #112 in 102 ds. for \$1.00. (Kusalik-ALB). Action Radio 7415.6 f/d "Nebraska Map" QSL sheet in 30 ds. via the Wellsville address. Also rcvd. "Bo Gritz for President" leaflet. (Wilkins-CO). [I thought he was our President? Sam.] Down East Radio 7413.1 f/d "Rockport, MA harbor view" cd. in 23 ds. for 3 ms. v/s Oscar Guggins. (D'Angelo-PA). Voice of Bob 7414 f/d cd. in 51 ds. for 3 ms. (D'Angelo-PA). same in 6 wks. (Field-MI). Radio USA 7416 f/d QSL #906 w/ station info sheet in 3 mo. for \$1.00. (Clar-NY). Anarchy One 7415 f/d "Schematic Drawing Circuit" cd. in 32 ds. for \$1.00. (Kusalik-ALB).

YUGOSLAVIA: Radio Yugoslavija 17740 f/d "Danube-Fest" folder cd. w/ schedule in 91 ds. after a f/up rpt. (Yamada-JPN).

Notes: Richard Wallace just got his Technical "ham" license. His call is N1NED. He utilizes 147.12/147.72 quite often... Good luck... Sam. Adie Durden says the mailman is making life miserable. Every once in a while he lets a QSL slip through. Hi!... At least you have a mailman. Some of us are still using horses! Kevin Murray says that he was absolutely thrilled to hear and QSL Radio Enga. It is probably his best DX catch and the only one on 120 meters. Great Kevin. This station is the only one that has eluded me from PNG... Sam. Charles Gaharan says that he is finally getting a touch of fall with cooler temperatures and hotter DX! By the time I print this, the touch of fall or even winter may well be on many of us... Sam. Lovell Pankake (pronounced like the syrup) is yet another new member. [I wonder how many of our new members leave after I get a hold of them?... Sam]. He uses a DX440 and about 40 feet of wire strung around his apartment. He says that he'd like to win the Publishers Clearing House Sweepstakes so he could move



Voice of the Mediterranean QSL via Jerry Klinck

to the middle of nowhere and DX. Sounds good to me. I told my wife the same thing but she got mad when I told her that I wasn't going to leave her or the kids a forwarding address. Lovell says that the new v/s for WRNO is David Schneider.

I guess this will end yet another QSL Column. Until next month, best of QSLing.

Sam

Tropical Band Loggings

Sheryl Paszkiewicz
1015 Green Street
Manitowoc, WI 54220



- 1620h MEXICO R. Rey, 9/26, 0212+ sev IDs, ment Mexico, slick format, 2x810 (Sams-MO)
- 1620 PIRATE WRMR, 9/6, 2353 IDs, rock mx, phone no. 914-434-2587 (Alexander-PA)
- 2390 GUATEMALA LV de Atitlan 9/25 0038 marimba, IDs, ballads, hrd at 0323 at S8! (Orr-VA) 9/26, 0240 great sig (Sams-MO)
- 2410 NEW GUINEA R Enga 10/3 1120 PD tkl, 10/7, 1105 (Clark-ON)
- 2490t BRAZIL R 8 de Setembro 10/17 0044-0100* pop mx, s/off anmnts, poor w/mucho QRN (Orr-VA)
- 2667 INDONESIA unid, 9/27 1223 anmts, island mx, help? (Sams-MO)
- 2687 INDONESIA unid, 9/27 1221 muffled audio, fading (Sams-MO)
- 2871y INDONESIA unid, 9/27, 28 1200 pops, IN anmts (Sams-MO)
- 2895 INDONESIA unid, 9/27, 28 1210 peaked 1220 & better than others on 2 MHz, tx Kirk. (Sams-MO)
- 2960.2p NUSA TENGGARA RPDT2 Manggarai 10/4, 1116 tkl by YL, mx 1118 but soon faded (Clark-ON)
- 3186.3y UNID probable Indo 10/4, 1130, opening suggests Sulawesi also noted 1140 on 3186.4 on 10/7 (Clark-ON)
- 3210.5 MOZAMBIQUE RM 9/24 0302-0400 //4866.6 PT tkl, bells, IDs, ballads, etc. (Orr-VA)
- 3214.8 SULAWESI RRI Manado 10/4, 1138 YL vcls, nice lvl (Clark-ON)
- 3220 ECUADOR HCJB 8/24, 0106 quechua pgm (Newbury-ECUADOR)
- 3235 NEW BRITAIN RWNB, 9/13, 1037 PD tkl, RENB better (Klinck-NY) 9/26, 1103 poss nx, ment West. Highlands, native flute mx, clear ID, very good (Valko-PA) 9/25, 1114 mx pgm, IDs, ment New Britain, good S8+ (Orr-VA) 9/25, 1128-1203 lcl mx, harpsichord 1200 (Yoder-PA)
- 3245 PAPUA R Gulf back, 9/27, 1134 PD tkl, C&W mx (Valko-PA) 10/12, 1230-1301* full EG ID, ment towns, chorals, ment "back on the radio." (Murray-OR)
- 3249.8 BORNEO RRI Banjarmasin, 10/4, 1120 vcls under ute (Clark-ON)
- 3250 HONDURAS R Luz y Vida 10/3, 0310-0400* tlks, chorus, ID, big vcl arrangement, anmts, NA 0358 (Jordan-PA) 0354 EG ID to s/off, weak w/static (Westdal-CA)
- 3255 LIBERIA ELBC 9/27, 2356-0002* C&W, list freq, clear ID, lcl TC, NA (Valko-PA)
- 3260 NEW GUINEA R Madang 9/25, 1021 long tkl, ute QRM, nx // to other PNG outlets (Orr-VA) 9/27, 1102-1113 M anncr, sing sing w/#1, ment New Ireland, 1111 ID, mx (Valko-PA)
- 3266.4 SULAWESI RRI Gorontalo 10/4, 1126+ ment Gorontalo sev times pops, very strong (Clark-ON) 9/19 1136 presumed w/Indo tkl mx, fading (Valko-PA)
- 3270t ECUADOR Ecos del Oriente 9/25, 0126 ballads, M anncr, weak w/ute QRM (Orr-VA)
- 3270 NAMIBIA NBC 9/29, 0245 EG w/lcl & Western mx, ID (Klinck-NY)
- 3275 PAPUA R Southern Highlands, 9/25, 1050 60s mx, C&W, 1102 PD ID, drums, nx, more mx (Orr-VA)
- 3285 ECUADOR LV del Rio Tarqui, 10/14, 1020 Andean mx, tkl, IDs, (Lawrence-NY) 9/17 1040 tkl, ID 1044, lcl mx (Klinck-NY)
- 3289.9 ECUADOR R Centro 9/11 0156 mx, anmts, IDs, ment Ecuador poor to fair & noisy (Klinck-NY) 10/14, 1025 mx, IDs (Lawrence-NY)
- 3296p ICELAND ISBN 9/28, 0334 tlks & mx (Johnson-MD)
- 3305 NEW GUINEA R Western, 9/20 1050 rel tkl by OM (Clark-ON)
- 3306 TIMUR RRI Dili 10/4 1112 nx, nice lvl (Clark-ON)
- 3315 ADMIRALTY R Manus 10/4, 1055 island vcls, EG tkl & ID 1100 (Lawrence-NY) 9/27, 1119 excited tkl, ID 1130 (Klinck)
- 3320 SOUTH AFRICA R Orion 10/12, 0255 ID, EG/AK (Westdal-CA) 9/7 2321 pops incl Elvis, tkl, IDs, ads, TC (Clar-NY)
- 3325 GUATEMALA R Maya 9/13 0930 ID, animal noises, long tkl (Davenport-TN)

- 3325 GUATEMALA R Maya 9/18, 1040 tlc in vern, 1100 ID (Klinck)
10/18 1100 mx & tlks under ute (Lawrence-NY)
- 3325 NEW BRITAIN R North Solomons 9/27 1113 lively mx, EG ID,
date & TC, nice sig (Valko-PA) 9/27 1114 ID, TC, very
strong (Clark-ON)
- 3325 BORNEO RRI Palangkaraya 10/4 1157 mx, SCI, Jak nx (Clark)
- 3335 SWAZILAND TWR 9/24 *0255 EG ID, IS, GM pgm (Orr-VA)
- 3339.9 PERU R Altura 9/20, 0345 ID, OA mx, Happy B'day song (Alex)
- 3345 INDIA AIR Jaipur hrd 0030-0100 timeframe irregular testing
50 KW xmtr (Clark-ON)
- 3345 NEW GUINEA R Northern 9/26 1114 ID, island mx, C&W (Valko-PA)
- 3355 NEW GUINEA R Simbu 10/12 1159 EG variety pgm, ID (Murray-OR)
- 3360.4 GUATEMALA LV de Nahuala 9/24, 0055 tlc, IDs, marimba (Orr-VA)
9/26, 0250-0305* ID, marimba, TC (Alexander-PA) 10/18
1105 mx, tlks, ID, good (Lawrence-NY)
- 3366 CUBA R Rebelde 0303 //5025 weak w/static (Westlad-CA)
- 3366 GHANA GBC-2 9/26, 2245 EG nx, hymns //4915 (Lawrence-NY)
9/23, 2240 pops & Motown, ID, nx (Clar-NY)
- 3370 ECUADOR RN Limon ID, mx 9/13 at 0043, fair (Wolfson-OH)
- 3370 GUATEMALA R Tezulutlan 9/25, 0349-0400* marimbas, tlks, IDs,
//4835 at s/off (Orr-VA)
- 3375 BRAZIL unid, 9/25, 0932 echo anmts, pop mx (Orr-VA)
- 3380 GUATEMALA R Chortis 9/24, 0013 marimba, anncr, 0030 ID (Orr)
9/26 0245-0300* pops, marimba, ID, closing anmts (Alexander)
9/17 1125 kids singing, prayer, ID, mx (Newbury-NE)
- 3380.7c MALAWI MBC 9/26, 0325 tribal drums, Afr. vcls (Alexander-PA)
- 3385 NEW BRITAIN RENB, 9/25, 0850 lcl mx, poss nx // other PNGs
(Orr-VA) 9/26 0900 NBC nx, IDs, trad mx (Lawrence-NY)
9/13, 1029 ID 1031, brief mx, long tlc (Klinck-NY) 9/26,
1106 Elton John, jingle ID, sev EG IDs (Yoder-PA)
- 3395 NEW GUINEA R East. Highlands 9/25, 1001 nx, pop mx, C&W,
island mx (Orr-VA) 9/20 1108 island mx, clear ID, Whitney
Houston, fair (Valko-PA) 9/26 1125 Belinda Carlisle, OM
in monolog (Yoder-PA)
- 3395.1 SUMATRA RRI Tanjungkarang 9/7 2240 fair to 2300 peak, Jak nx
//Padang, Bukittinggi & Jambi (Clark-ON)
- 3445 INDO unid 9/27 1241 undermod audio, Indo tlc, mx (Sams-MO)
- 3449 INDO unid 10/5 1210 tlks, echo, IN rock (Sams-MO)
- 3500 COLOMBIA LV Guania 1000 lotsa mx, ID (Davenport-TN)
- 3581 INDO pres. Asahan 9/27 1236 best sig ever, tlc, pops (Sams-MO)
- 3654.3p SULAWESI RKPFD2 Buol ToliToli 10/4 1115 tlks, vcl (Clark-ON)
- 3870p CLAND R Free Bougainville 10/3 1115 PD tlc, ARO QRM (Clark)
- 3905 NEW IRELAND R New Ireland 9/25 0815 flute mx, ID (Orr-VA)
9/26 1109 lively mx, ment Saturday nite, date, TC, full ID
incl QTH (Valko-PA) 9/27 1131 trad choir, fair (Yoder-PA)
- 3910 IRELAND R Fax 9/26, 0445 //6205 taking calls, many IDs,
asked for ltrs to Min. of Comm. in Dublin (Berg-MA)
- 3965 FRANCE RFI 9/7, 0457 RFI theme mx, TC, nx //4890 (D'Angelo)
- 3995 SOUTH AFRICA R RSA 9/14 0300 nx mix w/DW (Clark-ON)
- 4000.2 SULAWESI RRI Kendari 9/28 1233 jingle, tlc (Clark-ON)
- 4003.2v SUMATRA RRI Padang 9/7 2301 Jak nx, anthem, lcl ID (Clark-ON)
- 4110 UNID bouncy Latin mx, weak on good LA opening (Sams-MO)
- 4485 ASTATIC RUSSIA Ufa 9/22, 1215 oldies rock pgm, SIO=444
(Newbury-NE) also maybe Petropavlovsk?--sp.
- 4552.5 BOLIVIA R Tropico 9/23 0200 TC, ment Peru, etc. video game
sfx, ID 0225, 0230, best ever sig (Valko-PA) Still trying--sp.
- 4606.4 IRIAN JAYA RRI Serui 9/26, 1129 piano IS, full ID, nx,
choral march song, ID 1138 (Valko-PA)
- 4606.6 PERU R Ayaviri 10/18, 1201 huaynos, M anncr, bad audio (Orr)
- 4645 BOLIVIA R Fides 9/17, 1100-1400 tlc, ads for bank, ballads
(Davenport-TN)
- 4697.1 JAVA R KIP Surabaya 10/7 1135 tlks M&W, decent audio (Clark-ON)
- 4719.3 SULAWESI RRI Ujung Pandang 9/24, 2157 SCI, ID, nx (Orr-VA)
9/20, 2159 SCI, nx, better at 2210 (Clark-ON)
- 4725 MYANMAR Vo Myanmar 10/18 1115 lcl mx, 1130 poss nx in diff
lang (Orr-VA)
- 4753.4 SULAWESI RRI Ujung Pandang 9/26 1040 IS, tlks, TP (Lawrence)

4758.9t PERU R Tingo Maria 9/25 0305 ID, mx, huaynos, echo (Orr-VA)
 4760.7 VENEZUELA R Frontera 9/5 0225-0259* anmts, ID, NA (Alexander)
 4760 UNID AMs 1125 mixing w/CH, once past 1200 w/nx. Port
 Blair or someone else? (Field-MI)
 4765 CONGO RTV Congolaise 9/1 0415 FR anmts, mx, ID (Weinrich-ND)
 9/16 2200-0000* Afr. pops "R Congo" "Rdf Nat Congolaise,"
 s/off w/NA (Alexander-PA) 9/17 2356 ID, tlks, NA (Davenport)
 4770 CLAND KK numbers 9/19 1202-1230* No Kor mx pgm (Yamada-JAPAN)
 4770 NIGERIA RN Kaduna 9/27 2215-2300* "Reggae Beat" pgm, mx by
 Burning Spear, Don Carlos, nx (Wallace-MA) 9/5, 2250 lcl
 mx, rap, ID in EG (Klinck-NY)
 4770.8 ECUADOR R Centinela del Sur 9/12, 0004-0200 pops & ballads,
 ment Ecuador, canned ID, promo, tnx Krueger (Valko-PA)
 9/11, 0430 mx, ads, "CDS, tan acogedora todo el tiempo"
 (Durden-GA)
 4775 PERU R Tarma 10/1 0052 OM tlk, ID, freq, instl (Jordan-PA)
 9/25, 0340 ballads, echo ID, anmts (Orr-VA)
 4777 GABON RTV Gabonaise, 9/19, 0515 hilife ID (Sams-MO)
 9/7 tent at 2240 anmts, sfx, pops, poss ID, NA (Clar-NY)
 9/24, 2245 ID, ute GRM, NA (Lawrence-NY)
 4777.1 JAVA RRI Jakarta 10/3 2258 SCI, Jak nx (Clark-ON)
 4782.5 VIETNAM unid, 9/21, 1100-1200* VT/vern 1100 Hanoi relay,
 nx, tlk, lcl mx, 1158 anmt. Gia Lai Kon Tum? (Yamada-JAPAN)
 4783 MALI RTV Malienne 9/1 *0556 IS, NA, ID //4835, 5995 (Weinrich)
 4789.6 IRIAN JAYA RRI Fak Fak 9/26, 1120 Indo pops, ID (Valko-PA)
 9/28, 1130 Indo pops (Clark-ON) 9/18, 1155 SCI, ID, nx
 fair (Durden-GA)
 4790 PERU R Atlantida 9/8 1003 nx, mensajes, TC, ID, rooster (Clar)
 9/28, 1005 Andean mx, rooster, TC, IDs (Lawrence-NY)
 9/18 1012 ID, freq, OA mx, fair-good (Klinck-NY)
 4800 CHINA CPBS-2 9/24 2231-2258 poss EG lesson //10260 (Orr-VA)
 4800 ECUADOR R Popular 9/25 0209 campo mx, ballads, anmts, ID (Orr)
 4800 GUATEMALA R Buenas Nuevas 9/15, 0328-0333* full ID, anmts
 no NA SIO=343 (D'Angelo-PA) 9/25, 1059 organ mx, ID, FC,
 rel pgm, kids choir (Clar-NY) 9/23, 1205 slow tik in Indian
 lang, rel mx (Newbury-NE)
 4805 BRAZIL Rdf. Amazonas, 10/4, 2350 pops, anmts, ID (Klinck-NY)
 4810 PERU R San Martin 9/8 0941 IDs, promos, lcl mx (Clar-NY)
 10/3 0955 anmts, Amer & LA pops, ID (Lawrence-NY) 9/18,
 1020 tik, mx bridges, ID, poor (Klinck-NY)
 4815 BURKINA FASO RTVB 9/24 2240 long tik, percussion, ID (Lawrence)
 4824.5 PERU LV de la Selva, 9/28 1010 LA pops, ads, ID (Lawrence-NY)
 9/18, 1024 OA mx, ID 1029, poss nx, good sig (Klinck-NY)
 4826.3 PERU R Sicuani 9/10, 1002 campo mx, anmt, fanfare, sev IDs
 ment Peru, best hrd in some time (Valko-PA)
 4830 THAILAND RT 10/3 1130 IS, ID, freq //9655 w/external svc
 now's the time to hear it (Clark-ON)
 4835 AUSTRALIA ABC Alice Springs 10/14, 0817-0829* EG //4910
 long tik, pops, (Orr-VA) 10/3 0825 nx abt Aust. (Durden-GA)
 4845 MAURITANIA ORTM 10/3 0720 Islamic vcls, ID, nx in FR (Durden)
 out of order, oops--sp.
 4835 GUATEMALA R Tezulutlan 9/30, 0240 mucho marimba mx, ID
 (Newbury-NE)
 4835 MALI RTV Malienne 9/22 2315 FR anmt, vcls, NA (Lawrence-NY)
 4840 MANCHURIA Heilongjiang PBS 9/27 1329-1408 EG lesson, tik,
 opera, ID 1400, more opera (Murray-OR)
 4840 PERU R Andahuaylas, 9/23, 1100 rel tik, prayer, IDs,
 promo for VOA & lcl artists, rel mx (Davenport-TN) Tnx!--sp
 4840 VENEZUELA R Valera 9/8, 0950 IDs, slogans, TC, freq anmt,
 "Ride of Valkyries," good (Clar-NY) Good to hear from you--sp
 4843 UNID subcont/Mideast mx w/no tik, fair, Malaysia? (Sams-MO)
 4845 BRAZIL R Cabocla 10/18, 0841 anmts, ID, campo mx (Orr-VA)
 4845 GUATEMALA R K'ekchi' 10/12, 0132 ID, fair (Westdal-CA)
 9/13, 0145-0300* rel pgm, marimba, ID (Alexander-PA) 9/20
 1125 full ID, ranchera mx, good (Valko-PA)
 4845 MALAYSIA RTM 9/27 1058 instl, subcont chants, also 9/28
 w/Indian vcls over Guatemala. Has drifted to 4843 in past (Clark)

- 4845 MAURITANIA ORTM 9/22 2345 AR instls, good (Lawrence-NY)
 4856p SUMATRA RRI Palembang Jak relay 9/27 at 1205 (Sams-MO)
 4863.8 MOLUCCAS RRI Ambon 9/27 1117 strong w/ment Ambon & an
 outback song (Clark-ON) 9/27 1125 pops & lang, tent
 (Lawrence-NY) 10/18 1131-1226 rel hymns, "Love Ambon,"
 full ID, SCI, nx, mx, exc. (Orr-VA) 9/30, 1140 Indo pops
 SCI, ID, nx, good (Durden-GA) 9/26 1152 2 IDs, SCI, nx
 (Valko-PA)
- 4870 BENIN ORTB 9/1 *0458 IS, NA, ID, Afr. mx (Weinrich-ND)
 9/14, 2245 FR Afr. mx, NA (Klinck-NY) 9/26, 2250 hilife
 mx, Maddonna, NA (Lawrence-NY)
- 4871.3 ECUADOR R Centinela del Sur 9/23 0230 LA mx (Behr-ON)
 4874.6 IRIAN JAYA RRI Sorong 9/27 1137 mod problems, EG lesson,
 seems EG every Sun. 1130-1150 (Clark-ON)
- 4875 BRAZIL R. Roraima 10/4 0916 mx, IDs, fair-good (Klinck-NY)
 4875 CHINA Vo Jinling, 9/29, 1200 TC, ID, nx (Newbury-NE)
 4879.7 ECUADOR RN Espejo 9/5, 0125-0300* IDs, ads, jingles,
 drama (Alexander-PA) 9/23, 0230-0300 drama (Behr-ON)
- 4881.2 IRIAN JAYA R Saura Kasih Agung 9/26 1140 EZL mx, hymn,
 tlks, w/closing anmts (Clark-ON)
- 4881.7 PERU R Nuevo Mundo 9/10, 1038 ID, ment Pucallpa, OA mx,
 NA, poor w/het (Durden-GA)
- 4885 COLOMBIA Ondas del Meta 9/30 0015 echo IDs, ads, nx 0035
 trumpet fanfare, freq info, ID (Jordan-PA)
- 4889.6 ECUADOR CDS 9/5 0230 ballads, ads, jingles, canned ID (Alex)
 4890 PAPUA NBC 9/26, 0930 EG pgm details, mx, ID (Montgomery-PA)
 4890.4 PERU R Chota 9/25, 0240-0302* huaynos, ID, echo, NA (Orr-VA)
 4895 COLOMBIA LV del Rio Arauca 9/11, 1005 nx, anmts, ID (Clar-NY)
 4900p CHINA Vo Strait 9/23 2233 CH vcls, M anncr (Orr-VA)
 4902p SHRI LANKA SLBC 9/17 2325 tlk, TP 2330 (Johnson-MD)
 4905 BRAZIL R Anhanguera 10/14 0807 campo/ballad, IDs, TC (Orr-VA)
 4905 CHAD RNT 9/1 *0427 IS, NA, Afr mx (Weinrich-ND)
 4909.8 CAMBODIA HS 2245 chants, 2259 ID, fairly good 2310 (Clark-ON) .
 9/17 2258 instls, tlks in lang, tent (Johnson-MD)
- 4910 AUSTRALIA ABC Tennant Creek 9/29 0812-0829* pops, phone
 interview (Orr-VA)
- 4910.7 HONDURAS HRXK 9/27 0140 EZL, EG ID, tlk abt station, may
 increase coverage area (Valko-PA) 10/2 0145-0228* EZL &
 folk mx, ID, rel pgm from David, Solomon, Lord's Prayer (Jordan)
 10/16, 2338 rel tlk, hymn, IDs (Orr-VA)
- 4914.5 PERU R Cora 9/28 1020 great Andean mx, IDs (Lawrence-NY)
 9/26 1028 lcl mx, IDs, nx, comunicados (Clar-NY)
- 4920 NICARAGUA R Rica 10/1 0150, political discus, clear ID (Klinck)
 4920 ECUADOR R Quito 9/11, 1025 "Amanacer a Campesinos," discus
 of tomato plants, IDs (Clar-NY)
- 4925.7 PERU, unid, 9/20 *1026 NA, anmts, campo mx, Johnson says a
 Euro Dkxer ID'd as R. Onda Nueva, fair (Valko-PA)
- 4935 KENYA KBC 10/1 0205 Christian prayer, mx, ID, lcl TC
 all in EG (Johnson-MD) 9/30, 0230 US soul mx, TCs, sev
 IDs, EG nx (Durden-GA)
- 4935 PERU R Tropical 10/6, 1020 LA pops, ads, ID (Lawrence-NY)
 4940 VENEZUELA R Continental 10/4, 0310 ID, DX pgm, "America en
 Antena," tips & tapes of intl stations, (Durden-GA) tent on
 10/6, 0937 poss nx, ment Venezuela in ads (Field-MI)
- 4955 BRAZIL R Marajoara 9/26, 0050 tlk, jingles, ID, anmts (Klinck)
 10/18, *0755 PT version of CCR song, IDs, jingles, sfx
 (Orr-VA) Love those pgm details--sp
- 4960 ECUADOR R Federacion 9/30, 0025 mx, tlks, flutes (Field-MI)
 4960 CHINA R Beijing 9/10, 1030 JP pgm, class mx, IS (Durden-GA)
 4960 INDIA AIR Delhi 9/22 0024 IS, choral, Hindi nx, mx pgm (Clark)
 4962.2 DOM REP unid here is R. Cima Cien 0028-0400 & 2311 w/Viva
 Caliente shouts, salsa mx, relaying FM, IDs (Renfrew, Jordan
 Clar, D'Angelo, Durden, Orr, Berg, Alexander, Valko, Bloisse)
 Bloisse rpts addr: Av. 27 de Febrero #265, Santo Domingo, DR.
- 4965 BOLIVIA R Juan XXIII 9/18 1055, contest info, clear ID
 (Durden-GA)

4965 COLOMBIA R Santa Fe, 10/6, 0925 mx, ID (Field-MI)
4970 VENEZUELA R Rumbos, 9/16, 0300 bells, anmts, lively tlk,
ads for bank (Davenport-TN)
4975t BRAZIL R Timbira 9/8, 2305 IDs, echo, sfx, ads, phone nos.
poor w/QRN (Clar-NY)
4978.9 COLOMBIA Ondas del Orteguzaza 9/14, 1000 morning pgm, lcl
TCs, ads, ID, naturally slop from Ecos del Torbes (Valko-PA)
4980 VENEZUELA Ecos del Torbes, 9/8 0200-0330 request pgm,
anmts by M (Davenport-TN)
4991 PERU R Ancash 9/28 1025 pops, IDs (Lawrence-NY)
5003.5t RIO MUNI RN Bata, 10/12 0545 SP w/Afr vcsls, nx, fair u/1/WV
& ute QRM (Lawrence-NY)
5010 CAMEROON CRTV Garoua 9/22 2218 IDs, anmts, EG pops, NA
p-f w/QRN (Clar-NY)
5010 SINGAPORE SBC 9/21 2303 EG nx, ID, fair (Clark-ON)
5015 BRAZIL R. Pioneira 9/19 0145-0159* anmts, ads, ballads,
IDs, good (Alexander-PA) 9/25, *0755 anmts, canned ID,
campo mx, TCs great sig (Orr-VA)
5020 SOLOMON ISLANDS SIBC 9/27 1005 EG hymns, 1100 nx (Lawrence-NY)
5025 AUSTRALIA ABC Katherine 10/18 0812-0829* pop mx, ment ABC,
wx rpt, off mid-song (Orr-VA) 10/3 0820 EG tlk abt Aust.
much QRN (Durden-GA)
5025 BHUTAN BBS 1410 "This is Bhutan Broadcasting Svc," pop mx,
nx, good to 1450* (Westdal-CA)
5030 VENEZUELA R Continente back, 9/27 0200 ads, IDs, ment
Caracas, LA mx (Alexander-PA) 9/14 0915 (Berg-MA) 10/4,
0929 lcl mx, IDs (Klinck-NY)
5034 CENT AFR REP Rdf Centafricaine 0432 drums, ID, sev ment of
Bangui (Weinrich-ND)
5040 ECUADOR LV del Upano 9/14 0105 folk Mass, IDs (Clar-NY)
8/24 0118 folk mx, choral, anmts (Newbury-ECUADOR)
5041.3 ANGOLA Benguela 9/30 0145 election coverage, progressive
mx, TC, ID //7151.7 Lobito (Johnson-MD)
5047 TOGO RTV Togolaise 9/15 2255 Aretha, Judy Collins, Allman
Bros, IDs, TCs, nx 2300 (Clar-NY)
5049.8 ECUADOR R Jesus del Gran Poder 9/12 1031 rel pgm, ID, ment
Quito, good (Klinck-NY)
5051.8 SINGAPORE SBC 9/28 2300 EG nx //5010 (Johnson-MD)
5060.6 ECUADOR RN Progreso 9/19 0245-0310* anmts, ballads, NA
slight RTTY QRM (Alexander-PA) 10/18 0336 lcl mx, ID, TCs
fair w/ute (Orr-VA)
5075 COLOMBIA Caracol 0345 excellent (Westdal-CA)
5097 PERU R Eco 9/11 0340-0400* IDs (Renfrew-NY) 9/20 0355 ID
OA mx, pops/ballads (Alexander-PA) 10/3 1020 tent w/LA
& Amer pops (Lawrence-NY)
5290 UNID Krasnoyarsk? 9/27 0020 carrier w/some orch mx
(Wallace-MA)

And here we approach the end of another column. Sorry I had to shorten some of the logs but as you see we had a lot of material. Also, some items were slightly out of order--that comes from sorting all those bits of paper by hand. Thanks go out to the new members as well as the trusted who send in every month. ADIE DURDEN is looking for a complete addr for R. La Merced. Any help out there? He wrote to the anncd addr and it came back. The telephone operator said there is no town named Tongol. FWBR says (Tongol) Congoyo, San Miguel, Cajamarca.

Soapbox time. Ye editor was recently questioned about the validity of a couple of logs appearing in these pages. I honestly don't think we have anyone foolish enough to purposely report any bogus material since you'd only be spoiling it for yourself. However, please proof-read your logs for time, freq info, etc. Be especially careful when ID'ing tropicalls. Unless you are hearing some obvious indicator but no ID, you should mark your log tentative or presumed. I generally give the benefit of the doubt but let's continue to maintain the high quality of this column for DX info. 15 States, 1 Canadian province & 2 foreign countries! Good DXing! Happy Thanksgiving!

International Band Loggings

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



- 5935nf? BOLIVIA LV del Tropico in lang 1007, CP mx, tlk, ID in SP, f-p (Durden GA 9/25)
5973 MYANMAR Myawadi BCS in CH? 1203, lcl & US mx, f-g (Sams MO 9/26, Clark ONT 10/3)
60148 TANZANIA RT Zanzibar in SH? 0342, instrm mx, pips 0400, tent ID (Clark ONT 9/7)
6020 AUSTRALIA RA in EG 0740-1100, nx, mx, cmntry, ID, exc (Robertson CA, Wallace MA)
6025 UNITED KINGDOM R Japan relay in EG 2301, nx, ID, QRM R Nigeria (D'Angelo PA 9/1)
6025 DOMIN REPUBLIC R Amanecer in SP 2310, rel pgm, slogans, ID, fqys (Clar NY 9/20)
6055 SPAIN REE in SP 0122, tlks, mx, ID, g (Wolfson OH 9/13)
6060 ARGENTINA R Nac in SP 0715, SP & pop mx, ID's, pips, TC, g (Alexander PA 9/7)
60614 CHINA Sichuan 1 (t) in CH 1240, M&W with CH tlks, poor audio (Sams MO 9/26)
6065 SINGAPORE BBC relay in lang? 1110, nx, BBC ID 1115, f (wallace MA 9/27)
6065 COLOMBIA R Super in SP 0002, Campesino mx, ID, ballads (Newman IN 10/5)
60698 INDONESIA RRI Jayapura in IN 1110, tlk, lagu lagu mx, ID 1128, Jakarta nx, QRM
from CFRX Toronto (Valco PA 9/19, Clark ONT 9/20)
6070 CANADA CFRX Toronto EG 24h, Larry King Live (Wolfson OH, Carson OK, Carter WA)
6085nf? AUSTRALIA VLQ9 ABC in EG 0906, nx, ID, mx, TC's, sports quiz (Carter WA 9/30)
6110 HUNGARY R Budapest in EG 0210, pgm re wine industry of Hungary (Montgomery 9/21)
61275 INDONESIA RRI Nabire in IN 1205, Jakarta nx, NA 1232, //9680 (Clark ONT 9/26)
61299 LAOS Lao Nat R in lang 1130, 7 gongs, fanfare, nx, g, f/o 1145 Clark 10/7)
6135 SWITZERLAND SRI in EG 0200, nx, features, ID's, cmntry (Wolfson OH, Carson OK)
6155 BOLIVIA R Fides in SP/vern 0955, ID, s/on in SP, into vern, QRM (Durden GA 9/17)
6155 ROMANIA RRI in RM/EG 0150, ID, nx, sked, IS, into EG 0200, //9510 (Lamb NY 10/9)
6175 CANADA BBC relay in EG 0200, nx, ID, "cutting the Royal budget" (Robertson CA)
6180 BRAZIL R da Amazonia in PT 2206, ID's, singing DJ, pops, tlks, g (Lamb NY 9/19)
6189 INDONESIA RRI Manokwari in IN 0927, flute mx, IS, ID, tlk (Johnson MD 9/24)
6210 CROATIA CR Zagreb in CR 0051, pop mx, ID, nx (Lamb NY) in EG/CR 0600, EG nx,
CR tlk, ID, mx, //9830 (Alexander PA) in EG 2200, //7240, 13830 (wallace MA)
62817 PERU R Huancabamba in SP 0230, huanyos, ID's, NA 0245 (Johnson MD 9/28)
63395 PERU R San Miguel de Arcangel (p) in SP 0119, huanyo & campo mx (Valco PA 9/21)
65493 LEBANON V of Lebanon in AR/FR 0336, AR mx, ads, ID, AM greetings (Johnson MD)
6576 NO KOREA R Pyongyang in KR 1035, EG 1100, nx, ID, mx (Durden GA, Palmer IL)
6750 CHINA CPBS-1 in CH 2251, tlk by M & W, //6840, both fqys weak (Valco PA 9/26)
6754 PERU R La Merced in SP 0150, lcl mx, anmts, ID on hr, f (Klinck NY 9/5)
7100nf? SUDAN R Sudan in AR 0256, IS, NA, ID, fqys, Koran, "Nutcracker" mx (Renfrew NY)
7110 ETHIOPIA V of Ethiopia in lang *0359, IS, tlk, lcl mx, //9705 (Alexander PA 9/13)
7175 ITALY RAI-2 Sicily in IT 1053, IS, brief orch mx, ID, nx?, f (Klinck NY 10/2)
7190 YEMEN R al-Hiswah in AR 0319, ID's, lcl mx, NA, nx?, f w/QRM (Lamb NY 9/30)
7205 GREECE VOA relay Kavalla in EG 0243, "VOA Monday Morning", ID, IS (Lamb 9/21)
7245 ANGOLA R Nac in PT 2217, interview, ID's, nx 2300, f-p w/QRM (Clar NY 9/10)
7255 BOTSWANA R Botswana in EG/vern 0333, feature, lcl mx, ID (Lamb NY, Westdal CA)
7255 NIGERIA VoN in FR 0730, drums IS, ID, nx (Valco PA) in EG 0547, "Newswatch",
sports, ID (Robertson CA) in EG 2027, TC's, ID's, "60 Minutes" nx pgm (Clar NY)
7280 CHINA V of the Strait in CH 1049, M & W w/tlks, mx bridges, f-g (Klinck NY 9/17)
7295 MALAYSIA RTVM Radio 4 in EG 1457, pop rx, pips, ID, nx, p-f (Robertson CA 9/13)
7310 VATICAN ST Vatican R in EG 2243, IS, ID, pgm notes, "Rome Report" (Clar NY 9/8)
7445 TAIWAN V of Asia in EG 1123, jazzy/elec mx, nx, cmntry, p (Clar NY 9/25)
9022 IRAN VOIRI in EG 0030, ID, nx, nx, address, feature (Carter WA, Montgomery PA)
9190 SUDAN R Omdurman in AR 0310, Koran, Nutcracker mx, //7200, pips 0315, tlk, ID,
chanting w/drum accompt (Paszkwicz WI 9/13, Klinck NY 9/16, Clar NY 9/13)
9280 TAIWAN BCCC in CH 0855, contemp CH mx, tlks, g but no def ID (Durden GA 10/3)
9465 NO MARIANAS KPBS Saipan in RS 1521, relig pgming, ID (Carter WA 10/13)
9495 PHILIPPINES FEBC in EG/Cambodian *2223, IS, ID, relig pgming, sub-cont mx, into
Cambodian pgm 2230 (Alexander PA 9/6, D'Angelo PA 9/18)
9495 CROATIA Hrvatski R in EG 0502, nx, ID, req wires to UN Secy/Bush (Carter 9/1)
9505 BRAZIL R Record in PT 2315, ID's, Superman theme, ads, promos, f-p (Clar 9/23)
9510 AUSTRALIA RA in EG 1100, ID, nx, cmntry, Bonnie Raitt mx, f (Lamb NY 9/30)
9520 PHILIPPINES R Veritas Asia in EG 0959, ID, list of langs/bcst times (Carter 9/2)
9525 INDONESIA RRI Jakarta in IN 1559, IS, nx, ID, pop rx, //9680 (Yamada JPN 9/14)
9535 ANGOLA R Nac in FR/EG 1958, ID, anmts, into EG 2000, nx, p-f (Clar NY 9/16)

9545 SOLOMON IS SIBC in EG/vern 0744, nx, wx, rock, ID, g until 0800 (Murray OR 9/9)
 9550 SOUTH AFRICA RSA in PT 1956, IS, ID in EG/PT, pips, fqys, nx, f (Clar NY 8/31)
 9565 RWANDA D Welle relay in EG 0419, "European Journal", nx, site ID (Lamb NY 9/17)
 9580 YUGOSLAVIA RY in EG 0205, nx, ID's, tlk on peace parley, press review (Lamb 10/9)
 9580 ALBANIA R Tirana in EG 0230, "Music on Request", tlk, //11825 (Jones 9/17)
 9580 AUSTRALIA RA in EG 0900-1530, sports, mx, nx (Davenport, Unruh WA, Palmer IL)
 9600 ASCENSION IS BBC relay in EG *0259, IS, site ID, pips, nx (Carter WA 10/1)
 9605 CZECHOSLOVAKIA RC in EG 2007, interview, ID, press review, f-g (Clar NY 9/4)
 9630 NETHERLAND ANTILLES RN relay in DT 0720, tlk, mx, fqy, nx, ID (Robertson CA 9/11)
 9655 THAILAND R Thailand in EG 1211, nx w/mostly SE Asia items, f-g (Clark ONT 9/2)
 9655nfz CUBA RHC in SP/FR 2350-0245, IS, ID, features, nx (Jordan PA 10/7, Klinck NY)
 9665 UKRAINE RU Kiev in EG 0045, Ukraine diary, ID (Palmer IL) in UK 0245 (Lamb NY)
 9675 FRENCH GUIANA R Japan relay in JP/FR/SP 0800, sports pgm, features (Palmer 9/15)
 9685 UKRAINE RU Kiev in EG 0000, IS, nx, cmtry, //7195, 12060, 15580 (Alexander PA)
 9690 ARGENTINA R Mac Buenos Aires in SP 0234, ID's, promos, pops, nx, f (Lamb NY 9/18)
 9700 ANTIGUA D Welle relay in EG 0315, stock market reaction to int rates (Unruh WA)
 9710 LITHUANIA R Centras in EG 0600, IS, ID, mailbag, skeds (Alexander PA 9/26)
 9710 AUSTRALIA RA in EG 0830, Papua-New Guinea nx, mx, //6020, exc (Robertson CA 9/11)
 97202 ANGOLA R Mac in PT 0520-0725, nx, ID 0720, mx, //119548 (Valko PA, Alexander PA)
 9720 SHRI LANKA SLBC in EG 0035, lcl mx & TC, ID, mail, fqy (Clar NY, Paszkiewicz WI)
 9730 SAUDI ARABIA BSKSA in AR 1442, tlk, ID, Koran pgm, f (Yamada JPN 9/19)
 9760 ALBANIA R Tirana in AL 0145, mx sels w/ethnic vocals, ID, exc (Levison PA 9/9)
 9840 VIETNAM Vov in EG 1335, ID, address, mail (Carter WA) in EG 2347 (Clar NY 9/20)
 98774v DOMIN REPUBLIC R Santiago in SP 2302, mx, ID, LA pope (Alexander PA, Renfrew NY)
 11335 NO KOREA R Pyongyang in EG 0007, nx, ID's, cmtry, //13760, 15115 (Clar NY 9/23)
 11580 ALASKA KNLS in EG 1300, features, promo on stamp exchange, g (Yoder PA 9/25)
 11588 ISRAEL Kol Israel in SP/EG 2226, nx, pop rx, ID, TC, features (Lamb NY) in AR/HB 0401, nx, ID, folk & rock mx (Robertson CA) in EG 0459, nx (Carson OK)
 11603 ISRAEL Kol Israel in EG 2252, editorials, sked for EG pgms, ID (Carter WA 9/18)
 11620 INDIA AIR in EG 1930, ID, nx, mx, cmtry, fqys (Anderson MI, Carter WA 9/18)
 11645 GREECE PTH Athens in EG 0135, feature, nx, mx, ID, g (Unruh WA 9/25)
 11665 NO MARIANAS KFBS Saipan in RS 1412, religious pgms, mx, ID (Carter WA 10/11)
 11675 ISRAEL Kol Israel in EG 2000, "Israel Magazine", nx, ID, f (Anderson MI)
 11675 ARMENIA R Yerevan in EG 0245, lcl nx, ID, addr, mx, into RS 0258 (Alexander 9/20)
 11715nf USA KJES New Mexico in SP 1500-1600*, gospel, mx, ID (Valko 9/11, Berg MA 9/7)
 11720 BULGARIA R Sofia in EG 0001, ID, fqys, sked, nx (Lamb NY, Carter WA, Levison PA)
 11750 ASCENSION IS BBC relay in EG 0308, nx, "Words of Faith", sports (Robertson CA)
 11755 FINLAND RF in EG 1830, nx, "Northern Report", ID, f (Anderson MI 9/25)
 11765 HONG KONG BBC relay in EG 0950, "Conversation Pieces", ID, into CH 1000 (Clar NY)
 11780 BRAZIL R Mac da Amazonia in PT 2230, brassy pops, ID, press conf, Happy Birthday sels, tlks, phone patch pgm 0000 (Jordan PA 9/30, Alexander PA 9/19)
 11790 UKRAINE RU Kiev in EG 0013, nx, "Music from Ukraine", ID's, fqys, f-g (Lamb 9/14)
 11800 ITALY RAI in IT *0137, bird chirping & bells IS, W presented pgm (Carter WA)
 11800 AUSTRALIA RA in EG 1255-1615, IS, ID, mx, nx (Carson OK, Robertson CA, Klinck NY)
 11855 RUSSIA AWR Novosibirsk in EG 0112, Bible story, ID 0200 (Paszkiewicz WI 9/21)
 11885 NETHERLAND ANTILLES TWR in PT 0819, ID, tlk on Bible, //9515 (Palmer IL 9/15)
 11905 ITALY RAI in IT 2344, tlk, classical mx, ID's, ancmts, p (Clar NY 9/2)
 11920 MOROCCO RTVM in EG 1917, tlk on Strauss family + his mx sels (Wallace MA 9/27)
 119378 CAMBODIA V of Demo Kampuchea in FR 1214, NA?, nice lcl mx, f-g (Clark ONT 9/27)
 11940 JORDAN RU Amman in AR 0340, "Hashimi" theme, ID, TC, pop AR mx (Newman IN 9/21)
 11940 ROMANIA RRI in EG 1945, sports, nx, fqys, ID, g (Anderson MI 9/21)
 11945 UNITED ARAB EMIRATES R Dubai in AR/EG 0319, tlk in AR, into EG 0328, fqys, ID, pips 0330, nx, //13675, 15400, 15435, off 0355* (Robertson CA 9/12, Newman 9/21)
 11990 CZECHOSLOVAKIA RC in EG 0000, tlk, interview, ID (Palmer IL 9/16, Jones 9/19)
 11995 PHILIPPINES FBBC in EG 1258, IS, ID, fqys, pgm notes, Bible pgm (Clar NY 9/19)
 12035 SWITZERLAND SRI in EG *0149, nx, Music Box, ID (Unruh WA, Carter WA, Palmer IL)
 12070 MOLDAVIA R Am Shinrikyo in EG 2030, tlk on philosophy, song in JP + translation, address, into RMMS 2100, nx, xmtr site Grigoriopol?(Wallace MA 9/21, D'Angelo PA)
 13605 UNITED ARAB EMIRATES R Dubai in EG 2200, Holy Koran, ID (Palmer IL, Carter WA)
 13675 UNITED ARAB EMIRATES R Dubai in EG 0350, Koran (Unruh WA) in AR 1640 (Palmer IL)
 13830 CROATIA R Zagreb in CR/EG 2055, US/Euro pops, pips, ID & nx in CR 2100, nx in EG 2103-2109, //9830 (Alexander PA 9/13) in CR 2330, pop mx, nx? (Palmer IL 10/9)
 13840 NO MARIANAS KHI Saipan in EG 2034, nx, fill mx, ID, //17510, p (Lamb NY 9/25)
 13855 ICELAND INBS in IC 2302, Errol Garner mx, ID, nx, bells, f (Lamb NY 9/25)
 15095 SYRIA R Damascus in EG 2007, nx, ID, mx, sked, AR mx (Anderson MI, Carter WA)
 15115 NO KOREA R Pyongyang in EG 0015, political cmtry, lcl mx, f (Palmer IL 10/11)

- 15210 RAQ R Iraq Int in EG 2202-2256*, ID, sked, addr, into AR tlk 2242, lcl mx, NA, strong sig but distorted audio (Alexander PA 9/20, Wallace MA 9/24)
- 15220 HUNGARY R Budapest in EG 0235, cmnts from Hungarian publications, f (Carson OK)
- 15230 JAPAN NHK Tokyo in JP 0439, JP mx/vocals/pops, pips, ID, nx (Robertson CA 10/6)
- 15250 SRI LANKA VOA relay in EG 0125, nx re the New World Disorder, f (Wallace MA 9/21)
- 15310 MAN BBC E relay in EG 1550, Western pop mx, ID, world nx, f-p (Klinck NY 9/15)
- 15325 FRENCH GUIANA R Japan relay in EG 0309, nx, "...Understanding Japan" (Carson OK)
- 15340 SINGAPORE BBC FE relay in EG 2226, "Letter from America", sports roundup, nx, interview, f/o after 2200 (Yoder PA 9/25, D'Angelo PA 9/6)
- 15415 LIBYA R Jamahiriya in AR 0003, chanting crowd, ID?, tlk, ME mx, //15235 (Clar NY)
- 15445 BRAZIL R Bras in EG 1200, ID, IS/theme mx, sked, "Brazilian Life" (Clar NY 9/19)
- 15485 RUSSIA R Aum Shinrikyo in EG 2030, relig pgm, ads, ID's, into RMWS 2100 (Clar NY)
- 15485 GUAM KTWR in JP *2100, IS, ID, all JP pgm to E Asia, f-g (Wallace MA 9/24)
- 15495 BOTSWANA VOA relay in EG 2022, "Communications World" promo, ID's (Lamb NY 9/23)
- 15575 SO KOREA RK in EG 0100, mailbag, ID, into PT 0130 (Palmer IL 10/11, Durden GA)
- 15580 RUSSIA V of Democracy/R Irina in VT 1400, mostly tlk by W, VP mx (Berg MA 9/13)
- 17500 TUNISIA RTVT Tunis in AR 1400, AR mx, M anncr, //21535, f (Palmer IL 10/8)
- 17555 PAKISTAN RP Ext Ser in Urdu 1435, lcl mx, //15555, f (Palmer IL 10/8)
- 17555 NO MARIANAS KHI Saipan in EG 1600, nx, ID, CSM feature, g (Anderson MI)
- 17595 MOROCCO RTVM in FR 1530, DJ & pops, ID's (Klinck NY) in EG 1400, rock (Palmer IL)
- 17675 RUSSIA R Nadezhda in RS 1634, bird calls, kids singing, Beatles, ID (Berg 9/28)
- 17690 LITHUANIA R Vilnius in EG 2320, nx, cmntry, ID, mx (Urcuch WA, Palmer IL 10/9)
- 17690 UKRAINE RU Intl via Russia in EG 0113, nx, ID, press review, g (Lamb NY 9/25)
- 17715 AUSTRALIA RA in EG 0037, Oriental mx, ID, feature on Ch society (Wolfson OH 9/3)
- 17730 BRAZIL Swiss R relay in EG 0010, features, ID, into SP 0030 (Wolfson, Carson OK)
- 17745 ROMANIA RRI in EG *1728-1756*, IS, ID, Afr svce, nx, address (Carter WA 9/23)
- 1775C AUSTRALIA RA in EG 0221, "International Report", IS, ID, nx, f (Lamb NY 9/21)
- 1777C NEW ZEALAND RNZ in EG 0200, nx, ID, wx rpt, g (Anderson MI 9/1)
- 17795 AUSTRALIA RA in EG 2345, pop mx, nx, features, ID, Asia AM svce (Anderson 9/12)
- 17820 PHILIPPINES VOA relay in EG 2131, "VOA Spectrum" re Indian affairs, f (Lamb 9/24)
- 17825 JAPAN NHK Tokyo in EG 0308, nx, ID, financial rpt, eqs, mailbag, f (Lamb 10/9)
- 17895 MOROCCO VOA relay Tangier in EG 2126, financial nx, ID, IS, features (Lamb 9/24)
- 21490 KAZAKHSTAN R Alma Ata in EG 1830, Kazakh mx, ID, eqs, address (Wallace MA 9/26)
- 21500 SWEDEN RS in EG 1502, nx, wx, ID, rpt on SW econ crisis, //17870 (Clar NY 9/18)
- 21505 SAUDI ARABIA BSKSA in AR/EG 1621, interview, AR prayer, pips, ID, nx (Clar 9/12)
- 21645 FRANCE RFI in EG 1230, ID's, "Radio Newsreel" feature, sports, f (Jordan PA 9/21)
- 21690 RUSSIA RMWS Irkutsk in RS/EG 2353, drama, ID, bells, pips, nx (Robertson CA 10/3)
- 21705 NORWAY RNI in EG 1908, tlk on whales & whalers, g (Levison PA 9/12)
- 21715 HONG KONG BBC FE relay in EG 0155, jazz feature, ID, TC, "Newsdesk" (Clar 9/26)
- 21810 BELGIUM BRTV in EG 1400, world nx, tourism feature, exc (Palmer IL 10/10)

CLANDESTINE STATIONS

- 7070 V of Rebellious Iraq in AR 0405, Kurdish tlk/mx, heavy QRM (Johnson MD 9/28)
- 7100 V of Resistance in EG 2126, ID, pop mx, nx, into PT 2206, vg (Alexander PA 9/13)
- 7290 V of Resistance do Galo Negro in PT *0439, IS, ID sequence w/cock crow, guitar, anthems, Afr folk mx, Big Ben chimes 0500, //9700 (Betg MA 9/13, Alexander PA)
- 7380 VO Broad Masses of Eritrea in lang? *0326, s/on w/drums, political? tlks, //7020, African mx (Paszkievicz WI 9/16, Sams MD 9/24, Clark ONT 9/26, Alexander PA 9/26)
- 9070 V of Mojahidin e-Khalq of Iran in Farsi? 0300, male chorus, ID 0305, Iraqi spons, anti-Iranian, jamming begun 0324 just prior to 0330* (Johnson MD 9/20)
- 9942 La Voz del Cid in SP 0000, full ID at s/on, nx, exc (Carson OK)
- 15600 V of the Iraqi People in AR 0050, Saudi based, ID "Sawt Ash-Shab Al-Iraqi", AR mx distorted on audio peaks, intermittent bubble jamming (Wallace MA 9/21)
- 156196 Iran's Flag of Freedom R in lang *1630, Egypt based, IS, multi-lingual ID, anthem 1632, tlk (Alexander PA 9/6)

Reminders, especially to first-time contributors: (1) be sure to cut logging slips into individual units, ideally about 3/4 to one inch high (2) include your State and reception date along with your name (3) print carefully if you do not type (4) include enough program details to provide a meaningful report, i.e. something more than "nx, ID" (5) send only your best DX rather than a large amount of items already reported many times in previous issues (6) if you prefer to mail loggings directly to my home address, please note that I normally begin preparing this column around the 16th of the month. Allow enough time for transit in the mails. Thanks for all the good stuff this month & 73's

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the CPRV page

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ESTACAO CT1AA
(Radio Colonial)
4000 METROS DOS SARTOS JORNAL

STUDIO A - Antonio Augusto de Aguiar 136 r.c.d. Telefone 40193 LISBOA
EMISSOR - Av. Antonio Augusto de Aguiar, 144 Telefone 40594 Portugal

The Portuguese colonies were always a favorite target of DXers, as was the mother country. +++ CT1AA was known as Radio Colonial--not to be confused with the early French station of the same name--and operated on 9600 kc/s. According to this QSL, they broadcast on Tuesday, Thursday and Saturday at 2130-2400 GMT with 2 kw. and an IS of three cookoo calls. +++

As the middle card shows, Radio Renascenca, which is still on shortwave (albeit not with 500 watts), was already in operation by 1946. The frequency of 6155 kc/s was used for many years, and I remember hearing the station there myself in the late 50's.

+++ The bottom card is a 1948 veri from the government station, Emissora Nacional, which used a generally similar QSL design for many years thereafter. +++

CPRV concentrates on QSL's from broadcasting stations, SW and MW (amateur stations only in special cases). We are always happy to learn of individual QSL's, or entire collections, that are in need of a new home. Full information can be obtained for a business size SASE to the address shown above. If you would like information on the CPRV Registered Collections Program and how you can place stickers on your QSL albums indicating your wish that they be donated to CPRV when the time comes, send a business size SASE to Registered Collections Program Coordinator John C. Herkimer, P.O. Box 54, Caledonia, NY 14423, or to yours truly. 73 -- *[Signature]*

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Engenheiro João Moradas

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S. André

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PORTUGAL

EMISSORA NACIONAL DE RÁDIO-DIFUSÃO LISBOA - PORTUGAL

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have nos meilleurs vœux, nous prions la bonne nuit

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South America and Europe \$29.00
Asia, Africa and Pacific \$32.00

All remittances must be in U.S. funds and mailed to:

NASWA
45 Wildflower Road
Levittown, PA 19057
U.S.A.

