



the JOURNAL

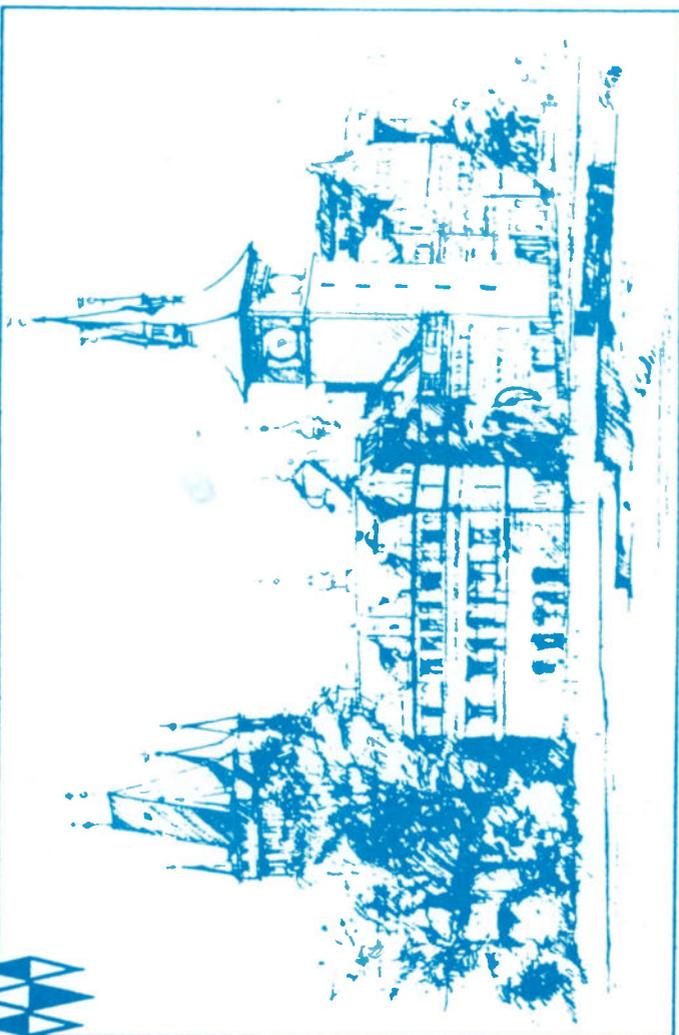
NORTH AMERICAN SHORTWAVE ASSOCIATION

Volume XXXIV, Number 6

June, 1994

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RADIO PRAHA



ICOM

**LAST CALL
FOR THE
R-9000**



April 26th was the last day that manufacturers could import radios capable of cellular reception. Most models previously capable of this are currently being reworked to permanently exclude cellular frequencies. Because of high-engineering costs Icom will not be reworking the R-9000. Rather they will sell this model only to government users. We received ten units a few days prior to the ban. If you have thinking about adding this "DC to daylight" receiver to your shack, this is the time to do it. **\$5299.00.**

Recent Arrivals at Universal ...

- **BEEI Keypad for the Yaesu FRG-100**
This French-made, wired keypad for the FRG-100 was highly rated in this year's *Passport*. The final production version is even better. The radio may be turned on and off from the keypad and the keypad now gets its power from the FRG-100. No batteries required. In stock now.
#0398 **\$54.95 (+\$3)**
- **Sony ICF-SW100**
This receiver really has to be seen to be appreciated. A marvel of miniaturization. 1 Hz display, SYNC and good SSB performance. Please call to confirm availability.
#0111 **\$359.95 (+\$5)**
- **Standard C108A**
The smallest 2MHT ever. Full featured, yet fits in your shirt pocket. Provides 200 mw output from two AA cells. Only 2.3" x 3.2" x 1". #3225 **\$219.95 (+\$4)**
- **Create Log Periodics**
We are pleased to add these antennas to our product line.
CLP51301 50-1300 MHz #3352 **\$299.95 (+\$6)**
CLP51302 105-1300 MHz #3353 **\$199.95 (+\$6)**

SANGEAN ATS-803A



Here is a full featured portable with all the capabilities you want at an affordable price. The Sangean ATS 803A covers it all: longwave, medium wave, FM and shortwave to 29999 kHz. Five tuning functions offer exceptional versatility: manual tuning knob, keypad entry, auto scanning, manual scanning and memory recall. Readout is to the nearest 1 kHz on the large LCD display. Nine memories are provided for your favorite stations. Five other memories retain the last station tuned on live band (LW, MW, FM, SW and AM). A BFO knob is provided for excellent SSB CW reception. A dial lock and dial light are provided. This radio offers exceptional fidelity because of its large 4" speaker and use of both Bass and Treble controls. FM Stereo reception is featured through the headphone jack. A separate RF control insures maximum sensitivity without overload. A built-in 24 hour LCD clock can turn the radio on at any preset time. Jacks are provided for external antenna (ICRA type) stereo headphones, tape recorder and external power. An AC adapter, stereo headset and wave guide are included at no extra cost. Requires two AA batteries for clock memories and six D cells for portable operation. This model also features a Wide Narrow selectivity switch not found in other radios at this price. One year limited warranty. 11.3" x 6.1" x 2.1" 4.4 lbs (7 Lbs ship)

Now our best selling portable is at the best price ever! Nothing else at this price compares!

ATS-803A SALE

\$149.95 (+\$6 UPS)
(on sale through 7-1-94)

WORLD RADIO TV HANDBOOK 1994 Edition

Considered the SWL's *Bible* with schedules, frequencies and addresses of shortwave broadcast stations. Organized primarily by country. Also includes a by-frequency listing of SWBC stations. Some equipment reviews, too. A publication for every listener. 48th Edition ©1994 Billboard. 600 p.

Order #2000 **\$19.95 (+\$1)**

PASSPORT TO WORLD BAND RADIO

By L. Magne. A *must* have book for every worldband listener. Provides complete visual data on all SWBC stations from 2.3 to 26 MHz. See at a glance station name, location, frequency, time, language and power. Plus candid hard-hitting reviews on SW radios. *World's #1* selling SW guide. Indispensable! *IBS* 432 p.

Order #1000 **\$16.95 (+\$1)**

SHORTWAVE INTERNATIONAL FREQUENCY HANDBOOK

By B. Laver. This British import is a comprehensive handbook of radio from 400 kHz to 30 MHz. Includes broadcast and non-broadcast stations. The best attempt we have seen to provide an affordable list of broadcast and utility stations in one publication. ©1993 Spa. 188 p.

Order #2714 **\$19.95 (+\$1)**

SHORTWAVE LISTENING GUIDEBOOK

By Harry Helms. Here is understandable information on selecting and operating a shortwave receiver, antennas, time stations, pirates and much more. With tables and diagrams. Gives you an understanding of shortwave radio. ©1993 Second Edition. *DX SWL*.

Order #2984 **\$19.95 (+\$1)**



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NASWA Notes

Bob Brown KW3F
238 Cricklewood Circle
Lansdale, PA 19446
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Summer DX conditions are here in North America! The static conditions make tropical band listening more difficult. However, good DX can continue to be heard during the summer. You never know what will be heard unless you listen (and report it to our editors!).

Just a reminder that RadioCom'94 is now scheduled for 31 August to 3 September at the Holiday Inn in Irvine, California. It's not too late to plan on attending the first major radio monitoring gathering on the west coast in over five years. The 1994 SCADS Convention Committee reports that convention details are moving forward. A pre-convention coffee mug, featuring the RadioCom'94 logo on it, is available for US\$6.00 in the USA (regularly US\$8.00) from SCADS, 6398 Pheasant Drive, Buena Park, CA 90620). We are still considering a club table at this convention if we can find one or two interested members that would staff such a table. Please contact me if you are interested.

Do you have an interest in a utility database for shortwave from 9 kHz to 30 mHz? If so, then a new product from Ingenieurburo Fur Satellitentechnik (Muhlenweg 11, 24217 Stakendorf, Germany) may be what you are looking for. The database consists of three parts: 1) A Database for Frequency Ranges - all frequency ranges in accordance with ITU regulations and their primary and secondary allocation including specific regulations for

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, Hausie WB4JSP, and Tom Sundstrom W2XQ, host an always lively gang of DX monitors. (Best heard in the eastern half of NAm)

individual countries; 2) A Database for Callsigns - more than 7,000 entries for all kinds of services including transmitter locations by longitude and latitude; and 3) A Database for Frequencies - extensive collection of frequencies with more than 20,000 entries. For an extra charge there is also an update service. The cost is US\$48.00 on a 3.5 inch or 5.25 inch disk. You can write to Roland Prosch, Communications Engineer at the above address for additional information. The JOURNAL would be happy to publish reviews about this product or similar products from members that have ventured into this area.

You may not believe this but some of our members have hobby interests beyond shortwave radio. Grove Enterprises (P.O. Box 98,

Welcome to the following new NASWA members -

Mark E. Baldwin, Belleville, MI
Eduardo Garcia, Houston, TX
Charles Grove, Cleveland, OH
K. Arlene Hansen, Indianapolis, IN
Brett Hassman, Cincinnati, OH
Timothy Hicks, Jacksonville, FL
Melvin Hill Jr., Midlothian, VA
Karsten Hoch, Dortmund, GERMANY

Richard L. Jones, Williamsville, NY
Bob Mulrean N2TQN, Brooklyn, NY
John Ramsey, Pittsford, NY
Harry R. Simpson, Hampton, VA
Stan Skowronski, Madison, NJ
Douglas G. Smith, Portsmouth, VA
Yutaka Yamada, Los Alamos, NM

Our Motto is - "Unity and Friendship"

Brasstown, NC 28902 USA) has just announced the forthcoming publication of the world's first full-spectrum satellite monitoring magazine, *Satellite Times*. It will be a bi-monthly publication covering every phase of satellite communications commencing with an August mailing. Charter subscriptions (6 issues) are available for US\$16.95 in the USA and US\$23.95 surface mail or US\$26.00 airmail to Europe through year-end.

The Association of North American Radio Clubs ("ANARC") is offering its newsletter, *UPDATE*, to the general public on a subscription basis. The annual subscription cost of this quarterly newsletter is US\$7.00 in North America and US\$10.00 overseas. It is available from ANARC's Publisher Bill Kurrasch (5607 Lincoln Road, Ontario, NY 14519). The publication provides a summary of activities of ANARC's member clubs, committee reports, and general news and information about the association's activities. A sample copy may be obtained from Bill for only US\$1.00 or three International Reply Coupons. Tell Bill "NASWA sent you."

Speaking of ANARC, the association is canvassing Club Representatives for nominations to serve on its seven member Executive Board. As NASWA's Club Representative, I thought I would canvass our club members to see if anyone would be interested in being nominated for these important positions. Nominees must be a member of at least one member club in the association. ANARC Executive Board members serve a two year term and govern the day-to-day operations of the association. This is where all the decisions are made! From the elected Executive Board members, a Chairman is selected to serve a concurrent one year term. The Executive Board term begins on January 1, 1994 and runs for two years. NASWA is looking for one or more of its members that may be interested in serving in this capacity. Currently, we have three members serving on the Executive Board: Harold Cones, Rich D'Angelo (Chairman of the Executive Board), and Bill Oliver. The terms of Messrs D'Angelo and Oliver expire at December 31, 1994. If you are interested in serving on the Executive Board of ANARC (and possibly as its Chairman!), please contact me by August 1st. The election takes place in September.

Calendar Of Events

- Jun 17** - Meeting, Philadelphia Area NASWA Chapter. Kulpville Holiday Inn, Kulpville, PA. 7:30 PM Contact Dan Cashin (215)446-7831
- Jun 17** - Meeting, The Boston Area NASWA Chapter. Bull Cafeteria, Billerica, Mass. 7:30 PM 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).
- Jun 18** - 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 (614) 471-9973 Or, send a SASE to MVDXC, Box 292132, Columbus, OH 43229-8132
- Jun 21** - 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
- Jul 3** - The Tidewater SWLs meet on the first Sunday of each month at 6:30 PM. For info, call Joe Buch, (804) 721-2782.
- Aug 31-Sept 3** - Radlo Comm '94, Holiday Inn, Irvine, CA. For more info send a #10 SASE to: SCADS, 6398 Pheasant Dr., Buena Park, CA 90620

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

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). Opinions expressed here are are soley those of the submitters.

Sheryl Paszkiewicz, 1015 Green Street, Manitowoc, WI 54220

I just saw Vern Hyson at the SWL Fest in March, where I also met his wife, so I was astonished to hear of his death the other day. Vern wasn't very old either. I first met Vern at another shortwave convention a few years ago and remember seeing his name in Fine Tuning many times. I didn't know him as well as some of you but I know he was a long time shortwave DXer and he was always polite and pleasant to talk to in person and through correspondence. In a way we might be glad he went quickly instead of lingering in sickness. In any case, it is a shame and he will be missed.

Gerry Dexter, P.O. Box 493, Lake Geneva, WI 53147

Just seconds after you'd shake his hands he'd have a quick and funny one-liner for you, supplementing his already well-honed wit. After an hour or so you felt you had known him for years. The few times he wasn't able to make the SWL Fest were a real disappointment because I always looked forward to seeing him. He served NASWA behind the scenes in ways most members never knew about, and now we are diminished. Aw, Vern, you left us much, much too soon.

Gail Brown, 238 Cricklewood Circle, Lansdale, PA 19446

One of the benefits of helping Bob with the Journal and the SWL Fest is that I get to meet so many terrific people. Vern Hyson was one of the best. He was soft spoken and polite and always seemed pleased to talk to me even though I know he wanted to talk to Bob. From the first time I met Mary and him in Virginia Beach, I felt that he was the epitome of a true "southern gentleman". There are far too few like him and we are all left worse off with his passing.

Jon Price, 239 Needlewood Ln., Reynoldsburg, OH 43068-4324

I read a NASWA Musing about WRUL/WNYW. A writer was trying to recall the names of the on-air personalities. I was about 12 or 13 years old and WRUL was the first station I corresponded with. At the time, their program schedule advertised their hosts as "The Personality Cult" and featured a photo of Hill Edell, Les Marshak (Worldwide Hit Parade), and John Anthony Zee (Breakfast in New York) and perhaps one or two others standing together in a park, maybe Central Park.

I remember their every-other-hour Chronoscope expanded news program, including 15

FIRENDX: Twenty Five Years Ago....

Bill Eddings discusses some of the nasty letters that arrived from disgruntled members that could care less about the personal or private lives of club staff. The Shortwave Center was prepared by Eddings while he searches for a replacement editor. A number of the new members joining the club were as a result of publicity in Boys Life magazine. Renewing members included: Chris Lobdell (2nd year), Hank Michalenka, Ed Shaw and Danny Jamison (3rd year), and Bill Sparks (6th year). Cesar Objio wrote about "Latin American Personal Names" while Gerry Dexter presented the second in a series of "How I DX" articles. One hundred and fifty-six members participated in the scoreboard with 114 having less than 100 countries heard. Thirty-three members contributed to Gregg Calkin's QSL Report column. Log Report saw a drop off to 28 contributors which included: Gerry Dexter, Bob Estand, Dan Ferguson, John Figliozzi, Glenn Hauser, Chris Lobdell, Henry Michalenka, Al Niblack, Bob Padula, Father Jack Pejza, David Potter, Ed Shaw, Bill Sparks, John Tuchscherer, and Robert Wilkner.

minute "News by Continent" segments and ABC Radio Network News.

Hope this jogs some memories!

Doug Robertson, 4045 Sunset Lane, Oxnard, CA 93035

A whole-hearted endorsement, although belated, of Joe Buch's excellent TECHNICAL TOPICS December 1993 Compatible SSB (CSSB) recommendation for the future of shortwave broadcasting is in order.

The Canadian National time transmission state CHU, cited by Buch, on 3330 Khz, 7335 Khz and 14670 Khz has used upper sideband with carrier-reinserted emission mode for years. Note that the carrier is reinserted in the transmitter, not by a BFO in the receiver as is required for normal SSB reception. CSSB is easily received by the cheapest, most prolific shortwave AM receivers by means of envelope detection of the carrier-reinserted upper sideband, or by more complex shortwave receivers with a BFO required for sideband detection that inserts the carrier usually by very careful tuning of a separate manual control.

CHU chose the stable CSSB mode because the carrier frequencies are frequency standards as well as time, and because of the trend toward SSB. Their transmitters are run very conservatively, at less than one-third of the available transmitter power for 3330 Khz and 14670 Khz, and at one-quarter of the available 40 KW for the 7335 Khz transmitter. The 3330 Khz and 14670 Khz frequencies are run at only 3 KW (2KW carrier and 1 KW sideband). The 7335 Khz frequency (6.67 KW carrier and 3.3 KW sideband) is even more conservatively run at just 10 KW of the 40 KW available power.

Shortwave listeners with an AM shortwave receiver have the capability now of receiving CHU via envelope detection of the transmitted, modulated carrier, and would not have to purchase new, more expensive receivers should future shortwave broadcasting be CSSB-standardized. Advantages lie in the reach of CSSB, the reduction of selective fading over that of current AM transmissions, and in better received-fidelity than conventional SSB transmissions.

Please write to the International Telecommunications Union if you oppose the decision to standardize on SSB for shortwave broadcasting. Carrier-reinserted SSB (CSSB) is the nobler approach, and world listeners who now can barely afford AM shortwave receivers of the most rudimentary circuitry will applaud any effort to maintain interoperability of their present sets with future transmission standards. Address your concern to ITU at: Place des Nations, CH-1211, Geneva 20, Switzerland

Ralph Brandl, 128 Greenoak Blvd., Middletown, NJ 07748

Something that is missed in most arguments about the decline of shortwave is that it is not *necessarily* satellite delivery that will result in this decline. I would like to suggest that we may be seeing the possible future of international broadcasting today, the Internet (or whatever its inevitable successor is called).

If you have a decent net connection, you can start to see the outlines of such a future forming now. Carl Malamud's "Internet Talk Radio" service was likely only the first of many network-provided audio and video services with his program "Geek of the Week," plus speeches from the National Press Club and a few other audio programs "repurposed" from elsewhere. The Canadian Broadcasting Corporation is using the net to distribute samples of their programs, plus two daily newscasts each day. The Voice of America is providing access to its internal news wire through gopher. Broadcasters are becoming aware of the net, and more are expressing an interest in using it as a distribution medium for their information and their programming.

Consider that, compared to a transmitting plant or a satellite ground station, a net connection and computer server are relatively inexpensive in locations where the infrastructure is sufficiently developed. So that provides access to the developed world. Potentially more interesting is the wiring of the developing world. In the past week, I've seen two articles about plans to provide Africa with significant fiber optic capability and Internet connection by the end of the century. A country interested in making its programming available to the entire world without having to worry about propagation and such will be able to do so relatively cheaply, without having to invest in 250 kilowatt transmitters, significant real estate for antennas, power generation plants, relay sites, etc.

Politically, it's easier to put a computer on the net in your own country than to procure transponder space on a satellite over your target. Witness the number of countries banning the use of satellite dishes now. But for business reasons, virtually all countries will want to be connected to the net, just as they are now connected to the international telephone network. Singapore, for example, has banned satellite dishes, but is simultaneously engaged in an aggressive campaign to wire their entire society up to the net (possibly without really stopping to consider some of the consequences, but that's another story). With satellites, on the other hand, years have been spent in agencies like UNESCO on the issue of whether or not it is proper for countries to invade the airspace above a country with a satellite to impose their propaganda on that country.

Then there's the issue of scarcity. There is only so much space above desirable markets, such as Europe or the Americas, in which satellites can fit. This is likely to be less of a problem than it has been with terrestrial broadcasting, but for some time to come, transponder space is likely to go to the highest bidders, which potentially leaves out most of the developing world. Bandwidth over fiber, on the other hand, is likely to be substantially larger than that available over satellite, and any scarcity is likely to be in the countries providing content rather than at the receiver.

Wires aren't likely to completely displace hertzian waves, whether delivered terrestrially or from the Clarke Belt, simply because of the issue of portability. But the cost savings and political ease of providing programs over the net may convince some countries to forgo satellite distribution and use this relatively cost effective manner of distribution. In either case, long term, the future of shortwave doesn't look too bright. That said, I don't regret purchasing my tabletop radio last year, and look forward to many more years of interesting reception and DXing. I don't expect to enjoy it in my retirement years (some 35-40 years away), though.

FLASH NOTICE!!!!

Kris Field just called to say that the 1994 Shortwave RADIOGUIDE is now ready! Price is \$16.00 in North America and \$20.00 elsewhere. Please send your orders to Kris Field, 705 Gregory Drive, Forsham, PA 19044.

Easy Listening

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Rerun Time

Radio Canada International's Sunday morning current affairs program, **Sunday Morning**, is now on its summer schedule. This means the second of the program's three hours contains previously-aired features. In some instances, these features are followed by updates reflecting new information or developments since the story first aired. From the end of March through the end of September, **Sunday Morning** airs at 1300 through 1600 UTC on both RCI and the CBC Northern Quebec Service.

Another SWL Program Bites The Dust

First, it was **Shortwave Listeners' Digest** on Radio Canada International. Then it was **Austria Radio International's Shortwave Panorama**. The latest shortwave hobby program to disappear is **Swiss Radio International's Shortwave Merry-Go-'Round**, as part of SRI's general reorganization. The overall effect on English programming on SRI appears to be positive, though, as the English program on satellite will be one hour long, with the first half hour news, and the second half hour other features.

As I've written several times before, the best way to reduce the chances of your favorite programs disappearing is to write the broadcasters and tell them what you like and why.

Radio Australia Change

My schedule from Radio Australia shows **Feedback** airing Saturdays 0410, 0610, and 0810. **Feedback** appears to have been replaced (at least at 0810) by **Oz Sounds**, a program of new popular music by Australian Artists. If you know when **Feedback** now airs, please let me know. I'll pass along that information as soon as I receive it.

Radic Netherlands Highlights

Here are some June highlights taken from the new issue of Radio Netherlands' semiannual newsletter, *On Target*:

Newsline is presenting a series of five weekend specials, one per month, in connection with the United Nations' "Year of the Family." You'll receive this *Journal* too late for the June special, but mark your calendar: *Education For The Future* is featured on the July 4th (2338 UTC) and 5th (0038/0338 UTC) editions. *Education For The Future* investigates the educational system in the Netherlands, focusing on how well graduates are prepared for jobs in the recession-plagued European job market. *Sounds Interesting* (Sundays 0050/0350) similarly features Holland's water, land, and air traffic networks in *Roads and Rivers, Rails and Runways*, airing the first weekend of each summer month. *Research File* (Tuesdays 0050/0350, Thursdays 2350) features *The Population Program* on June 14th and 16th. How will the world meet demands for better health care with longer life spans and the ongoing third world population explosion?

As for month-long highlights, *Mirror Images* (Wednesdays 0050/0350) visits the Holland Festival, the yearly celebration of international music, dance, and theater. *Bats, Balls & Baselines* (Saturdays 2330) goes behind the scenes at the World Cup starting June 17th. *Towards 2000*, Radio Netherlands' program on worldwide social change, features *Babies And Animals*.

BBC World Service Highlights

Shakespeare Today

Fridays, June 24th and July 1st, 1215: **Brush Up On Your Shakespeare** is a two-part 30-minute quiz show concluding the Beeb's

Shakespeare Season. The panelists' knowledge of Shakespeare's works and the panelists' imaginations are both tested. Which characters would the panelists most like to meet? In what part of the anatomy would one find a kibe? First airing Fridays 0730; repeated 1930.

News and Special Features

Wednesdays, beginning June 8th, 1235: Personal Obsessions is a five-part 10-minute series profiling five people and how they spend their free time collecting items most of us would pass over. Teddy bears to Bix Beiderbecke to hats are among the collectibles. First airing Mondays 1635; repeated Tuesdays 0750.

Sundays, beginning June 5th, 2330: After The Revolution is a three-part 30-minute series looking at ordinary life in the former Soviet Baltic states of Latvia, Estonia, and Lithuania as the three countries adapt to independence after nearly 50 years of Soviet subservience. Centuries-old traditions suppressed by foreign rule are now resurfacing. First airing Sunday 1401; also repeated Monday 0630 and 1001.

Monday, June 13th, 0101: Last Post is a single 45-minute program looking at last letters home by German soldiers posted to the Eastern front who were captured by Stalin. Many were captured and few returned. First airing Saturday 1901; also repeated Monday 1515.

Sunday, June 26th, 2330: All Dressed Up is a single 30-minute program looking at the embalmer's art. Practices from the ancient Egyptians to the embalming of Vladimir Lenin to the preservation of Ferdinand Marcos are considered. Embalmers see themselves as combining the steady hand of the surgeon with the artist's eye for naturalness. What percentage of British corpses are embalmed? Tune in. First airing Sunday 1401; also repeated Monday 0630 and 1001.

Monday, June 27th, 0101: A Day In The Life: Of Heathrow is a single 45-minute program taking a look at operations at the busiest international airport in the world. As

a frequent traveler who has ventured to and through London Heathrow, I know I won't miss this program. More than 23,500 cups of coffee and tee are served daily, as are 6,500 pints of beer and 11,500 sandwiches. More than 50,000 people are employed at Heathrow. First airing Saturday June 25th 1901; repeated Monday 1515.

Wednesdays, beginning June 29th, 0130: Sound Business returns for a new eight-part run. This 15-minute series picks up where last year's left off. Plans now move on to business management one year after startup, concentrating on three key areas: Sales and Marketing, Financial Management, and future planning. Also repeated Wednesdays 0930 and 1715.

Sports

From the annual pilgrimage to Wimbledon to the debut of World Cup soccer in the USA, June brings special sports programming to the World Service.

Friday, June 17th, 2005: A special edition of *Sportsworld* carries second-half live coverage of the opening World Cup match between trophy defender Germany and Bolivia. It was interesting to read of the British perception of American indifference to soccer in the June *BBC Worldwide*. Here in Eastern Pennsylvania, however, interest in soccer—especially among young people—is up substantially.

Weekdays beginning June 20th, for 15 minutes at 1445, and for 30 minutes at 1615, special editions of *Sportsworld* brings special coverage of the day's tennis.

Music and the Arts

Sundays, June 12th and 19th, 0101: Play Of The Week features a two-part adaptation of Shakespeare's *As You Like It*. One of Shakespeare's best-loved comedies, *As You Like It* was first registered in 1599 but was probably written several years earlier. Listen for the reference to Shakespearean contemporary Christopher Marlowe, who was killed in a 1593 pub brawl. The June 26th *Play Of The Week* is *The Puritan*, written in 1607 by an unknown contemporary of Shakespeare. *The Puritan* is a tribute to

the strength and range of early Jacobean drama. Repeated Sundays 1201 and 1901.

Sundays, beginning June 12th, 0230: **The Greatest Music Festival In The World** is a five-part 30-minute series exploring the history of the Henry Wood Promenade Concerts and how the festival has evolved in its 100 years of existence. The players, planners, Promenaders, and critics all have had a hand in the Proms' development. Repeated Sundays 1615, Mondays 0730, and Wednesdays 2215.

Sundays, 2215: **Short Story** is a regular 15-minute feature featuring original works from World Service listeners. Stories by two New Zealanders are featured on the 12th and 19th; a story from a Malaysian author is featured on June 26th. First airing Sundays 0430; also repeated Sundays 0915.

Mondays, beginning June 13th, 2215: **Notes From Brazil** is a four-part 30-minute series hosted by Dulce Maltez, who travels around South America's largest country and samples the various musical styles from north to south. Repeated Tuesdays 0630, Wednesdays 1615, and Fridays 1030.

Saturdays, beginning June 18th, 0015: **The Time Machine** is a five-part 15-minute series hosted by Tony Hawks that's quite similar to last year's **Around The World In 80 Minutes**, also hosted by Hawks. This time, Hawks must go back in time to find the best-selling album in each time and place he visits. Only if he successfully collects a song from each journey will he finally win back his worldly goods. Listen in for Hawks' unique blend of humor and classic album tracks. Repeated Mondays 1930 and Tuesdays 0915.

Fridays, beginning June 24th, 0230: **Into The Blue** is an 8-part 30-minute drama premiering on **Thirty Minute Drama**. First airing Thursdays 1130; also repeated Fridays 1715. Robert Goddard's best-selling novel of the same name is dramatized by Neville Teller. Harry Barnett is a middle-aged failure wrapped up into the sudden disappearance of

a female guest. Obsessed by the mystery that has shattered his reclusive calm, Harry traces back the guest's movements and encounters, and the trail leads him to Switzerland, Athens, the IRA, old friendships, and the settling of old scores. First airing Thursdays 1130; also repeated Fridays 1715.

Mondays, beginning June 27th, 0015: As mentioned last month, **Pop The Question** returns for a seven-week run. This 15-minute series is hosted by Mark Radcliffe and researches pop music questions sent in by listeners. Last year's questions included "Which Beatle was an aspiring chess master?" (Ringo Starr) and "What is the largest-selling foreign language record?" (*Je T'Aime* by Jane Birkin and Gerge Gainsbourg). First airing Sundays 0445; also repeated Wednesdays 0815.

Science And Technology

Mondays, beginning June 20th, 0445: **A Question Of Science** is a six-part 15-minute series exploring key topical issues of science with experts and decision makers. Genetic engineering, the use of fetus tissue in research, and energy consumption are among the issues considered. First airing Sundays 2015; also repeated Mondays 0915.

Whither Hungary?

So far I haven't found propagation and interference to be very favorable for the published summer frequencies of Radio Budapest, so I haven't been able to keep my promise to sample Radio Budapest programs. I'll keep trying, though.

By the way - Shortwave RadioGuide author John Figliozzi is now on line on GENIE; his e-mail address is J.FIGLIOZZI. Internetters can address John at J.FIGLIOZZI@genie.geis.com. Until next month,

73 DE Richard

Latin Destinations

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Hola amigos! Sit right back and kick your feet up. This month, I've got a strange tale to weave for you, a tale of novels and soap operas, of famous writers and politicians, and of small Andean radio stations. And believe it or not, this story starts right here in these very pages, to be exact, the May, 1984 edition (reprint #L-2). That month the articles section featured a review of a new novel, *AUNT JULIA AND THE SCRIPTWRITER*, by Peruvian author Mario Vargas Llosa. If you keep up on Latin American news, you may recognize Vargas as the losing candidate in Peru's last presidential election. Not happy with his second place finish, Vargas has since taken up Spanish citizenship. In fact, changing one's citizenship seems to be a fad among Peruvian politicians. Peru's previous president, Alan Garcia, applied for Colombian citizenship not long ago, but was turned down. This was after Garcia fled Peru to avoid charges of embezzling tens of millions of dollars from the national treasury. But, excuse me, I'm digressing from the story.

AUNT JULIA is actually a slightly fictionalized account of Vargas' life in 1950's Lima as a university student and part-time news director for Radio Panamericana (on shortwave some years ago). The title of news director didn't mean much - he just cut articles out of the local newspapers and rewrote them for the hourly news bulletins, a common practice among smaller Latin American stations. Despite the professional news service, Radio Panamericana was a very cosmopolitan station, playing a mix of jazz and pop, including the latest hits from North America and Europe. Clearly, this was a station of the upper classes. But, Radio Panamericana had a co-owned step-sister from the wrong side of the tracks - Radio Central, a station for uneducated masses. Radio Central played a mix of tropical music and Andean melodies, announcements and birthday greetings for listeners, brassy ads, and melodramatic radio novelas (soap operas). In fact, it was

probably a lot like many of the rural commercial shortwave stations that we hear.

Vargas's life begins to turn upside down when the station owner steals a top-notch Bolivian radionovela scriptwriter named Pedro Camacho from La Paz's Radio Illimani. Camacho begins working fourteen or more hours a day, grinding out scripts for around a dozen novelas, each hot and steamy and soon the hit of Lima. But, Camacho's personal style is eccentric and dictatorial, which causes friction between him and the rest of the station. Somehow Vargas becomes the only person at the station who Camacho trusts and the link between Camacho and the rest of the world. One of Camacho's recurring eccentricities is placing strong insults about Argentina and Argentines in his scripts whenever possible, which all but causes a diplomatic incident.

Meanwhile, Vargas's 30ish sexy divorced aunt (by marriage) arrives in town for a lengthy visit. Someone is needed to show her around, and the family picks Vargas. After all, she's almost twice his age; what could be more innocent than escorting one's aunt? Vargas soon has other ideas, and slowly Aunt Julia begins to give way to his charm. But back at the station, Camacho's overworked eccentric mind is beginning to crack and he can no longer keep his different novelas straight. The various plots twist around one another as characters from one disappear to reappear in another, other characters have their names changed in mid-program, and the deceased suddenly come back as if they had never been gone. In the book, starting with the fourth chapter, the main storyline alternates chapter by chapter with the plots of Camacho's radionovelas, so the reader can follow along in their plunge to chaos as well.

From here, the novel builds up to an uproarious climax as Vargas, who has fallen head-over-heels for his aunt, persuades her to marry him and then rushes around the

Peruvian hinterland trying to find a priest dumb enough to do the deed despite his being underage and without parental permission. Back at the station, Camacho is now a total wreck and is writing horrendous natural disasters into his scripts, killing dozens of characters off with each one.

The Real Pedro Camacho?

When I read the original NASWA review, I was in Honduras, soon to return to the United States and then on a lengthy trip through South America. Back in the states, one of the first things I did was buy the book and read it cover to cover in about two days. But what really intrigued me was a small comment in the NASWA review about a NEW YORK TIMES interview with Vargas in which he stated that Pedro Camacho was based on a real Bolivian scriptwriter he had worked with at that time named Raul Salmon. Raul Salmon was also the name of the owner and manager of one of La Paz, Bolivia's largest radio stations, Radio Nueva America (irregular on 4797 kHz). Could this be the same person? I had planned a visit to Radio Nueva America and would find out.

When we arrived in La Paz a few months into our journey, I visited several of the other radio stations first. At each one, I asked if they knew or knew of Raul Salmon. Everyone did. He was not only a former mayor of La Paz, but one of Bolivia's most famous playwrights as well. The plot seemed to be thickening. One person had even heard of the supposed connection between Salmon and the Vargas book. I realized this station visit might be very interesting.

Radio Nueva America wasn't hard to find. It was just two blocks from the main plaza with huge "RNA" letters on the front. Inside was a huge lavender reception room. On the wall behind the ornate wooden receptionist's counter, large carved letters spelled out "Nuestro unico partido es Bolivia" (Our only party is Bolivia) below the RNA logo. Large plush orange and blue sofas and chairs filled the center of the room, while modern sculptures and paintings lined most of the walls, except for one which was decorated with several well-preserved 1930s vintage radios. Never had I been to a station so lavishly and professionally decorated.

Theresa and I asked the receptionist if we could see the manager and were told to take a seat. It was a busy place. Suited businessmen were coming and going while others paced, waiting for appointments. After about a half-hour, Jose Luis Cruz of the Publicity Department came and showed us to Raul Salmon's office. At first the four of us talked about the station. "This is a journalistic station," said Salmon, pointing out that most of the 18 hours of daily programming is given over to news and information, including some newscasts in the Aymara Indian language. Otherwise the station broadcasts seven hours daily of music programs and a few radionovelas. Thirty people were employed here, making it one of the biggest stations in Bolivia. He said they received about ten or twelve DX reports a month, mostly from Europe (where the station is more easily heard), and tried to answer those as best as he could. The window of his office, which looked out into a corridor, was covered with stickers from radio stations and tourist spots around the world, all sent by DXers.

Gradually, the topic of conversation switched to Salmon himself. A well-traveled and well-educated man, he studied Political Science at George Washington University in the U.S. He still remembers how he and several other Latin American students worked hard to convince the professors that there were real distinctions between the various Latin American countries, and that they were not just some monocultural glob. He was never sure if they had succeeded. Later he lived in London and worked for the BBC.

Given the cordiality of our visit, it was difficult to bring up Vargas' book and the Pedro Camacho/Raul Salmon story, but finally I did. Raul Salmon's face flushed and his smiling face turned cold. Politely, but firmly, he said that the book had nothing to do with him and that he had never met Vargas, although he had indeed worked as a scriptwriter at Lima's Radio Central at the same time as Vargas was at Radio Panamericana. He had heard this story before, and was very disturbed by the speculation and rumors going around La Paz. Salmon went on to say that Vargas has always hated Bolivia and that this was just another attack on Bolivia. Although Vargas had been born in Peru, most of his childhood

was spent in a small town near Cochabamba, Bolivia. As a child he was nicknamed Mari, short for Mario, and the local children used to tease him with "mari-mari-maricon" (maricon is a derogatory slang for homosexual). Later he married and then divorced a Bolivian woman (his aunt). Both of these events prejudiced Vargas against Bolivia, so Bolivia often bears the brunt of Vargas' fantasies when he writes. In essence, Salmon accused Vargas of behaving towards Bolivia as Pedro Camacho does towards Argentina in the book.

Looking back on this, I think we were lucky that Salmon didn't have us kicked out of the station when I popped the question. Instead, he quickly ended the discussion and gave us an autographed book of his plays, pointing out that one of them (Three Generals) had been translated and performed in New York City. He then asked Jose Luis Cruz to be sure to give us a good tour of the facilities, and ushered us out of his office.

Where's The Truth?

So, just where is the truth in all of this? Is the book almost all fact with little more than the names changed, as Vargas claims, or largely fantasy, as Salmon would have it? First, there's the question of whether or not they knew each other. Vargas claims to have known Raul Salmon well, while Salmon doesn't remember meeting Vargas. But at the time, Vargas was an underpaid college student aspiring to be a writer, while Salmon was an already well-known scriptwriter. While meeting and working alongside Salmon would have been a memorable experience for Vargas, for Salmon, Vargas might have just been another forgettable admirer.

As Vargas would have it, Camacho's (or Salmon's) novelas and their twisted demise were the biggest thing in Lima at the time. If that were so, one would think people in Lima would remember them, but, I haven't read anything about Limenos remembering this. I asked several people while in Lima, and although they certainly knew about Vargas and the AUNT JULIA book, none had heard of anything that would indicate any truth to the soap opera story. Perhaps delving into the archives of some Peruvian newspapers of the day would solve the dispute, but meanwhile I'm betting on Salmon's side of the scriptwriter tale. As to Aunt Julia, the

family scandal caused by the affair and eight year marriage has been documented elsewhere.

But, true or not, AUNT JULIA is one of the funniest and most entertaining books I've ever read - and likewise for the several friends I've lent it to. If you're looking for some good summer reading, get this book. One hint in finding it, however. Books by Mario Vargas Llosa should be listed under V for Vargas, in accordance with Spanish naming, and I'm please that most bookstores and libraries that I've checked actually have him under V. However, I have been to some places that list him under L, and a few that have some of his books located under each letter as if there were two different authors. So, look under both names.

Vargas is one of Latin America's best known authors, and many of his other works have also been translated into English. His other novels are all about more serious themes than AUNT JULIA. The only other one that I've read is his thick but fascinating THE WAR OF THE END OF THE WORLD. This is a novelized account of an 1890s peasant revolt in northeastern Brazil centering around a charismatic religious movement that claimed the Second Coming was near and would happen in the small dusty town of Canudos. So strong was the faith of these people, that it took four Brazilian military expeditions to put down the revolt. It's a heavy story, but would be another good summer read for some insights into Latin American culture.

Getting back to AUNT JULIA, an English language movie called TUNE IN TONIGHT was made of the book several years ago. However, the movie's gringo makers didn't think a US audience could relate to the Latin American references, so the story takes place in New Orleans, Pedro Camacho is renamed Peter Carmichael, and the object of his hate is Albanians, not Argentines. But, the movie otherwise follows Vargas' story line very closely and is very well done.

Well amigos, we've reached the end of the line once again. Hasta luego!

Don

Listener's Library

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GEnie T. AREY1

At this years Kulpville SWLfest, I did a forum on the literature and publications of our hobby. Most of the discussion centered on the obvious technical stuff that we are so fascinated with. However, I did get in a plug for one of my pet issues. Radio has a very rich history, but, beyond a few paragraphs on Marconi, we lack the really complete written history. Some of those early sources of radio lore are starting to go "silent key" as our amateur radios friends might say. The need to preserve the history of radio for future generations of listeners is very important. Besides, some of the true stories are stranger then fiction.

Since it is going on summer and the static is starting to roll in, I though I would turn you on to a couple of light radio history reads that are just the ticket for your vacation.

BORDER RADIO

by Gene Fowler & Bill Crawford
282 pages \$13.95
Limelight Editions
118 East 30th Street
New York, NY 10016
ISBN 0-87910-142-3

The early days of broadcast radio were really wild. Folks were just discovering the potential for radio to reach out to listeners over wider and wider areas as the technology advanced.

The government was hard pressed to come up with ways of regulating this new medium. As Uncle Sam began to find the need to limit what people could say and how much power they could use to say it, a unique situation occurred. Broadcasters who felt that the US

Government was getting in their way moved their operations to Mexico. These stations would run power as much as five times the limit set for United States broadcast stations allowing their signal to be heard world wide. Put enough juice out on the AM broadcast band and you can hardly tell it from the shortwave world.

Border Radio is the story of those wild times when radio was young. It is the story of the outlaw "X" stations along the US-Mexican border. It is the story of the people who built, operated and broadcast over these stations from XER's groundbreaking in 1931 through the Mexican Governments takeover of XERF in 1986. Along the way you will meet some very interesting characters.

Fowler and Crawford give a detailed account of the life and times of the flamboyant Dr. John R. Brinkley. Brinkley got into trouble with the United States Government for advertising his controversial goat gonad operations over his over his Kansas radio station KFKB. Brinkley moved his hospital to Del Rio Texas and moved his broadcasts' south of the border by building XER, the original boarder blaster. The authors help the reader get a sense of what the United States was like in the era between the two world wars. People became fascinated with the miracle of radio. They also became enthralled with the miracle cures offered by the likes of Dr. Brinkley, Norman Baker and products such as Crazy Water Crystals. This book gives you the whole story in an easy to read format including 48 photographs.

In amongst the medical quacks, pitchmen, country singers and jackleg preachers you will find the story of how W. Lee "Pappy" O'Daniel used his broadcasts for Hillbilly

Flour to lead him to election as Governor of Texas. Howard Stern may be running for Governor of New York to massage his ego and promote his radio show but Pappy O'Daniel actually got himself elected. History repeats itself.

The book would not be complete if it did not include the story of Wolfman Jack (who also is responsible for the book's forward) We have all seen Wolfman's broadcasting immortalized in the movie American Graffiti. Border Radio tells you the whole story including the parts about needing to defend himself and his station XERF against the gunfire of Pistoleros.

Fowler and Crawford also explain how the formats used by the border blasters influenced modern broadcast radio. Border stations were some of the first to make use of transcriptions as opposed to live broadcasting. This was a radical concept in the early days of radio.

Those of you who attended the 1994 Kulpville SWLfest had a unique opportunity to rub up against a bit of this history. Mike Venditti, who worked for a time as the station engineer at XERF (and was responsible for restoring it to its full 250,000 watts in 1983) was quietly in attendance with the contingent from WIFI who assisted Dave Marthouse with his Spectrum Broadcast. I took the opportunity to behave like a real fan and got his to sign my copy of Border Radio. Mike said "We had no idea we were making history at the time." You can read the history that Mike helped make in Border Radio.

Here's another book on the history of broadcasting that deals with radio on the edge of legality.

RADIO RADIO

by Peter Mulryan

156 Pages

5.95 pounds

Borderline Publications 38,

Claredon Street

Dublin 2, Ireland

ISBN# 1-870300 03 3

More than a few of us are fascinated with pirate radio. A weekend doesn't go by that I don't have one or more of my receivers tuned into 7415 kHz or any of the other popular free radio frequencies. But only one country can proudly say that pirate radio was at the routes of its revolution. On April 25, 1916 Irish rebels informed the world of the birth of the Irish Republic via a commandeered transmitter in the Irish School of Wireless telegraphy. The story goes on from there....

Peter Mulryan has written a great book that addresses the root question, How do you regulate radio in a country that was founded on unregulated radio? The author takes you from the early days of radio broadcasting in the Irish Republic and the Irish Government's attempts to control it.

This book is essential reading for anyone involved in monitoring (or for that matter participating in) the North American pirate broadcasters. Many parallels can be drawn between the antics of the broadcasters and the actions of the regulatory agencies when you compare Irish pirate broadcasting with the U.S. free radio movement. There are some notable differences however. One is the enormous public support for independent radio that exists in Ireland. Mulryan's book catalogs the public demonstrations in favor of stations such as Sunshine Radio and Radio Dublin. Now I ask you, Why wasn't there a public demonstration when the FCC busted Fourth of July Radio or even WPIG??? Another difference is the Irish Government's attempts to "legitimize" certain aspects of the independent radio movement in their country. A process the author refers to as "Organized chaos."

The book includes several appendices including various Irish political parties positions on pirate radio as well as an extensive list of radio stations that seem to be noticeably longer than the listing for Ireland in the World Radio TV Handbook. Gee, I wonder why this is???

This book may be hard to find but it is well worth the effort.

SHORTWAVE SIDELINES

Looking for a great one stop study resource radio communications? Need a book to help you learn the facts for any class of Amateur radio license or even the commercial General Radio Operator's License? Just curious about how radio works? Have I got the book for you, Bunkey.

ELECTRONIC COMMUNICATION *Sixth Edition*

by Robert L. Shrader

713 pages

\$50.00

Glencoe Division of Macmillan/
McGraw-Hill
New York, New York

I'm a proud product of the "programmed learning" system of higher education of the 1970's. I'm used to texts that have chapters broken down into specific testable segments. I'm used to books that have chapter tests included with references to point you back toward those topics that are hard to grasp. This is clearly why I am happy with the learning curve associated with Schader's text. Further, this system of study is all but

guaranteed to let you stare down any steely eyed amateur or commercial license examiners you may encounter along the way.

Shrader's Electronic Communication has been (in its various manifestations) the standard text for learning about radio for amateur and professional alike. Electrons are still electrons whether or not you get paid to play with them folks!

The book contains thirty one chapters, each broken down into essential topics. You master each bite sized bit of information before moving on to the next. What could be easier? Math is taken one formula at a time and always shown in direct relation to practical applications. Further the book is packed with illustrations and schematic diagrams that walk you through each topic.

This text's cover prices has suffered from the same inflation that has applied to text books in every field, however you will be hard pressed to find a better resource for learning radio theory at any price. Changes in the expectations for both amateur and commercial license exams make obtaining the latest sixth edition a must if you plan to use this book to further your radio career.

Net Notes

Readers with access to the World Wide Web, a system of networked hypertext available over the Internet, may want to point their Web clients (such as *Mosaic* or *Cello*) to the Shortwave/Radio Catalog at <http://itre.uncecs.edu/radio/>. The catalog contains links to information and schedules posted on computers operated by broadcasters such as the CBC, VOA, and BBC (and in the case of the CBC, actual audio programs), the Usenet shortwave radio Frequently Asked Questions article in hypertext form, current solar conditions, schedules and computer programs available from the shortwave archives in Finland, the current time in numerous worldwide locations, and audio samples of Cuban AM stations. The page also covers satellite radio, pirate radio, local radio stations around the world who have set up information servers on the Internet, and information from the FCC. Most of this information is available elsewhere on the Internet, but the catalog collects access to them in one simple-to-use location. You can get more information on the catalog from Pete Costello, pec@joker.att.com.

BBC2, the BBC's second domestic television network, is currently airing a program called "The Net," supposedly about computer networks and all the information available there. As a tie in, they have set up "The BBC Networking Club," which will offer Internet access to its members, and have set up a World Wide Web server at <http://www.bbcnc.org.uk/> and a file server at <ftp.bbcnc.org.uk>. The WWW server contains space for BBC schedules, but no actual schedule information yet. There has been no indication if this site will eventually contain World Services schedules as well, but it bears watching.

Equipment Review

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DX-COMM PLUS R8 CONTROL SOFTWARE

DX-COMM PLUS is a PC computer control program for the Drake R8 receiver. Version 2.31 is the latest evolution of a program whose original name was QUICKCOMM and is distributed by EBS Consultants of Summit, New Jersey. It has many more features than Drake's own R8PC program (reviewed in the April '94 Journal), but is more complicated to set up and operate. It requires at least a 12 MHz 80286 running DOS 3.1 or higher, and runs best with a hard disk. The focus of the program is on database management - the user can maintain up to 32 different databases of up to 5000 records each. The feature that makes it most attractive to me is its capability to import Tom Sundstrom's English language broadcasts database. Once this database is imported, I can then scroll through the listings for the current time and select the one I want to tune the R8 to by simply hitting the "Enter" key. To check alternate frequencies, up to 100 individual database records can be tagged and the program will scan them, pausing on each frequency for a user-specified period of time. Once the user has found the best signal, the scan is stopped by pressing any key.

MORE FEATURES

DXCOMM PLUS has almost too many features to list. It provides for keyboard control of all switch selected R8 functions via the command menu screen. The syntax is the same as that listed in the receiver's owner's manual and all commands are listed on screen for reference. In addition, there are several "hot-keys" for antenna selection, preamp on/off/attenuate and bandwidth. One feature I really like is the ability to tune the VFO in user-defined steps via the right or left arrow keys. The tuning step can be changed while

the program is active via the "F2" key.

For utility monitoring fans, the program permits varying the setting of the frequency offset for RTTY/CW reception. This is handy since the R8 displays the carrier frequency of such signals, which does not match the frequency listings given in such books as the Confidential Frequency List. The program also supports Terminal Node Controllers such as the MFJ-1278, so digital mode decoding can be supported while the program is active.

DXCOMM PLUS includes a propagation prediction program based on the MINIMUM series of programs. If the solar flux and transmitter and receiver site latitude and longitude have been entered into the program, each database listing will display current MUF (maximum useable frequency) and LUF (lowest useable frequency) for that station. Alternatively, by using the "Graph" function, a 24 hour plot of MUF/LUF for any one of sixteen world regions can be displayed.

DXCOMM PLUS permits VCR-like programming of the R8 for unattended recording, provided you have a tape recorder connected to the R8's remote control jack and line level audio output. Up to eight events may be specified. A similar capability for a single event is provided by the "Alert" feature, which will upload a tagged record to the R8 at a specified time. This feature works even when the program and R8 are active, so it's a great way to keep from missing the WWV propagation forecast at 18 minutes past the hour, even though you're listening to something else. Since DXCOMM PLUS is primarily a database management program, it includes

extensive capabilities for sorting, adding/deleting, modifying and printing records. The database listings can be sorted by time, frequency or station listing - very useful if you wish to scan through a particular band or if you want to see what stations are active at a particular time. There is also a "global editing" function which prevents repetitive typing in of such things as station name, latitude/longitude, etc. for multiple frequency listings for a given station. The program allows for loading the receiver's memory channels with up to 100 tagged records from the database.

BUSY SCREENS

The price one pays for such capabilities is the large amount of information that must be displayed by the program. There are five different screens displayed by DXCOMM PLUS. The primary screen is the database display. This screen contains a header showing all receiver parameters (AGC, Notch, Bandwidth, VFO, etc.) followed by a prompt line. There are then two rows of available commands. Next is a display of eight sequential listings from the database - each listing consists of an index number, time, type of broadcast, station name, frequency, days and season active and MUF/LUF. These listings can be scrolled by the Up/Down arrow keys or jumped in blocks of eight by the Page Up/Down keys. Below the database listing are two more rows of available commands or functions. The other screens are the command screen which permits direct control of the R8 and accessing the Database Menu screen to import, sort and print database records. There are also the TNC screen and the propagation menu screens. There is a hierarchy of commands, such that in order to go to the database menu screen, you first

have to go to the Command screen.

This degree of complexity also extends to the user's manual. There is the basic manual, then there are three readme.txt files of addendum and modifications. This program is very difficult to just sit down and use without reading the manual first and you must definitely have the manual available for ready reference during the early phases of learning to use the program. There is no on-line help feature and not all commands are displayed on every screen.

IS IT FOR YOU?

In all honesty, I only used a fraction of the program's features. It gave me the capability to directly and immediately tune to various listings in Tom Sundstrom's English language database and the program was very convenient for that. If you want a program to substitute for the R8's front panel, Drake's R8PC is easier to use. If you want to maintain detailed databases for specialty interests, be they utilities, Indonesians, or whatever, DXCOMM PLUS may be just the thing for you, if you are willing to take the time to study the manual and learn all the nuances of the program. The good news is that you can find out for free, since DXCOMM PLUS is now being distributed as fully-functional shareware. I've seen it on both Fidonet boards and on Genie. The author, Eric Svenson, is very supportive of the program. Registration for the program is \$39.95. Contact Eric at P.O. Box 1361, Summit, NJ 07901 or call 908-522-8941 6-9 PM weeknights or 9AM-9PM weekends.

NOTICE: Shortwave Listeners who experience recurring RFI lasting from about ten to thirty seconds every few minutes might check to see if it occurs during daylight hours. If not, it could be faulty mercury vapor street lamps. Watch for lamps that turn off suddenly. The RFI occurs when the lamp slowly lights up again. Local power companies usually handle the complaint, and they were very helpful to me. I was told that the high voltage (sparking) can be heard for several blocks.
Walter L. Peterson, 9 Cary Avenue, Albany, NY 12208.

Question Time

This month we will use this column to answer some questions submitted by a member in Pittsburgh, PA. If you have questions please send them to the address on the masthead and if your questions are of general interest, I will answer them in a future issue.

I have read that vertical antennas are best for DX. Why do NASWA loggings contributors all seem to be using some form of horizontal dipole?

You have been reading texts which are probably intended for amateur radio operators. Remember that amateurs normally use the same antenna for both transmitting and receiving. The vertical antenna tends to concentrate its energy toward the horizon which minimizes the number of hops the signal must take between the earth and the ionosphere when traveling long distances. Amateurs run low power compared to broadcasters and they need every transmitting advantage they can get.

The SWL is interested in maximizing the signal to noise ratio on received signals. In this application the vertical antenna has some definite disadvantages. The vertical antenna tends to respond to natural static such as lightning storms. The vertical also picks up static generated near the antenna by household appliances and leaky power company insulators. The reason this happens is because these devices radiate waves which are mostly vertically polarized. A vertically polarized receive antenna picks up more of this energy than will a horizontally polarized antenna.

The desired DX signals coming down from the ionosphere tend to be randomly polarized. Sometimes they are vertical; sometimes they are horizontal. The received polarization changes with time. That is one reason why signals reflected off the ionosphere tend to fade up and down. When the polarization is the same as your antenna, maximum power is delivered to your receiver. An antenna which minimizes natural and man-made static will deliver the best performance in most receiving situations. The horizontal antenna clearly is better for low noise reception. The higher it is the better under most conditions. There are times near sunset and sunrise where a low horizontal antenna can work better due to the higher angle of arrival of the signals from the ionosphere.

I have both an outside vertical whip and a dipole. They do not seem to work any better than a short piece of wire connected directly to the receiver. Both outside antennas use coax feedlines with an MFJ coax switch to select the antenna in use. What can be wrong?

There are numerous possible causes of the problem you are experiencing. Let's try to see how to methodically isolate the trouble.

You didn't tell me what your receiver type was so I will have to make some assumptions. Also, you did not say what kind of SWLing you do. Do you listen to the big guns like BBC, RCI, and DW or are you into DXing the tropical bands? That can make a big difference. If you are into the easy listening scene, I doubt that any receiver made in the last 20 years would be able to discern much difference to the ear. That is because these

receivers are so sensitive they are perfectly capable of providing a good signal to noise ratio with a short antenna.

Shortwave portables are especially sensitive and are designed to reach down to the atmospheric noise level with a very short antenna. With such receivers the only benefit an outside antenna will make is to get away from noise sources in your house that might be limiting your sensitivity. Beware, however, that these receivers can be easily overloaded by strong signals. When overload occurs, the receiver generates its own noise from the intermodulation of all the signals reaching the receiver. The net result can be that the stronger signal from the big outside antenna causes the all important signal to noise ratio to degrade instead of improve. If your receiver has a built-in attenuator in the front end, engage it and listen to the signal critically. If the signal to background noise level improves, your receiver is being overloaded.

The "S" meter reading on the big stations should be higher on the bigger antennas, but signal to noise ratio improvements should not be expected since these stations already provide such big signals that they swamp the local noise.

Now lets consider the case where you are interested in DXing Zambia on 4909.8 MHz. Such stations have relatively weak signals in North America and require an antenna that maximizes the signal to noise ratio. On such a signal you should notice a marked improvement on the outside horizontal dipole antenna. The vertical may be picking up enough static to offset the improved signal.

One clue to your problem may lie in your observation that the signal did not improve on either outside antenna. Think about what items are in common to both antennas. You have the MFJ switch and the piece of coax which connects the switch to your receiver. Try disconnecting the horizontal dipole coax from the switch and routing it directly to the receiver. If the "S" meter shows a noticeably stronger signal using the direct connection, you have a bad switch or a bad piece of coax from the switch to the receiver. Try replacing the coax first, it's less expensive.

If that test doesn't produce any results, you may have some bad coax. This cable deteriorates in sunlight over time. Unless the PVC jacket is of a special stabilized type, contaminants will migrate from the jacket into the dielectric. These contaminants form a lossy resistor between the shield and the center conductor. The coax will gradually become more lossy. The process is so gradual that you will not notice the change.

Coax which has not been sealed properly at the antenna end is prone to get water inside. The water will short the coax and also corrode the braid increasing the cable loss. Never use scrap coax. Never use polyethylene dielectric coax if it looks yellow instead of a milky white. Yellow dielectric is a sure sign of lossy coax. If the coax is not well sealed at the receiver end you may see a puddle on the table. If the coax is sealed, the water will simply build up over successive rain storms until the line is full.

Because coax is prone to gradual degradation, I prefer to use twin-lead or open wire feeders. Ideally such a feed requires a balun or a tuner to match it to the unbalanced 50 ohm inputs of modern receivers. Receivers like the Hallicrafters and Hammarlunds of the 1950's actually had the capability of directly connecting the balanced feedline to the receiver input terminal screws. Hollow state receivers do have their advantages.

I hope this article has given you some ideas. It is hard to troubleshoot with a thousand mile screwdriver. If you still have problems, try asking someone who is more experienced in your local area to come over and give you a hand. Two heads are often better than one. A second view of the problem may reveal something obvious that you are overlooking.

That's it for this month. Until next month, stay tuned.

Feature Article

Please submit all contributions to:
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Product Review: Real, Round Clocks For Your Shack

by Doug Robertson*

I have long held a minority viewpoint that the true analog representation of Time was best embodied by a 24 hour round dial (24 hour marks, once around). Our world rotates but once around the Sun in approximately 24 hours, and such a logical depiction quashes any argument whether it may be day or night time at the observer's longitude (inebriety, inebecility or senility states excepted).

Shortwave radio broadcasting operates on 24 hour time we know as UTC, or Universal Time, Coordinated, per agreements reached by the International Organization for Standardization headquartered in Paris, France. Anglicized usage pronounces UTC as though it were CUT, and ISO for the French IOS. But, I digress --.

What's available

A review of some past, recent and presently available 24 hour round analog timekeepers appropriate for the listener's shack was undertaken. Universal Radio's catalog has three suitable quartz candidates; the BMI B-M973A is a 12 inch diameter wall model with 00 hours logically marked at dial top. Every four hours is highlighted with large numerals (04, 08, 12, 16, 20, 00) all too reminiscent of military watchstanding. The minutes/seconds are well marked outside the periphery of the hour numerals, and are highlighted every fifth second. Placing the seconds ring outside the hour ring has the considerable advantage of legibility for exact timing of sign-ons. The larger the diameter of the seconds ring, the greater the countdown reading precision. The hour, minute and second hands are well shaped (tapered, slim) for good appearance. This clock, at \$55, gets high marks for a 24 hour conventional military presentation

Universal also offers two other clocks meeting our definition. Their personable store manager, Steve, NI8F, who has handled special orders for me, manufactures a six inch diameter 24

hour movement quartz clock with the same dial markings as the BMI model. In either an elegantly finished wood cased version at \$60, or a plastic cased at half that price, this clock is somewhat less legible having hands of heavier proportions and against the dial depiction of the North American hemisphere cluttered with some parallels of latitude and meridians of longitude (though thankfully not all of them). In fairness, it is difficult to maintain legibility and proportion, the smaller the diameter.

The MFJ catalog offers a new 24 hour quartz wall clock of 10 inch diameter with a unique numeral layout. While 00 is still at top, every second hour is enlarged (2, 4, 6, etc without leading zeroes) at the clock's outer periphery, with the second marked on a smaller ring within the hour ring. The hands are well proportioned for precise pointing, with the second hand reaching the inner seconds ring. I find this round clock different yet eminently readable, and it is fairly priced at just under \$20. The writer's Choice!

Grove Enterprises also offers a new 24 hour analog model by Seth Thomas in 13 inch diameter. The layout of the hour markers is similar to the BMI or NI8F clocks, except the hour ring is at the outer periphery and the minor hours (01, 02, 03, etc.) are relatively larger in size. To my eye, this is somewhat cluttered. The hour hand is not tapered. Further detracting from legibility is a long minute hand that extends beyond the hour ring. Only the second hand which just reaches the inner minute ring is correct in proportion. My perception is that this clock face misses the mark in its overall presentation. But, price is under \$25. Value for diameter is high!

Oldies But Goodies

The ICOM GC-5 World Clock also qualifies for inclusion, for it has a 24 hour time ring that rotates once in 24 hours with separate setting knob from the main works which is the conventionally absurd 12 hour movement. This

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CA 93035-3950

clock's dial is only two and one-quarter inches in diameter within an attractive larger square frame. Typical of world clocks, the 24 hour rotating dial is half black (with white hour markers) and half white (with black hour markers) for appropriate night/day depiction. UTC and LONDON are marked at the top. The International Date Line is shown. The separate knob facilitates setting the 24 hour ring to UTC for SWLers. Perhaps due to the Japanese origin of manufacture CARACAS (between SAO PAULO and WASHINGTON) is curiously marked CARA CAS, giving the careful observer pause. Also, between KARACHI and BAGHDAD we find BAKU (?), which puzzled this normally-literate amateur geographer. My atlas reveals this metropolis is on the Caspian Sea in Azerbaijan. But, I digress - .

ICOM has not offered this clock in some years, but it still appears in their recent mobile transceiver ads curiously perched atop an automobile dash. I bought the last one stocked by Jun's Electronics several years ago. Handsome, classy but overpriced at \$80, this clock comes with a superb bilingual (EG,JP) manual. Try to buy one from a Ham's estate or at a swapmeet.

World clocks with settable driven 24 hour time rings have been offered by SEIKO at rather astonishing pricing ranging down to VERICHRON at \$42, discount. My VERICHRON, which is a non-quartz battery/mechanical hybrid, gave up long ago after 10 years good service. The motor was activated every seven minutes via a relay, rewinding the spring. Slow/fast was adjustable by tensioning the escapement spring. This clock attracted alot of shack attention in the 70's because the second "hand" consisted of a red jet silhouette that appeared to "fly" while rotating on a near-invisible plastic disk. The VERICHRON, while identical to the ICOM GC-5 in concept, was much larger and more legible. Showing its age, GMT and LONDON are marked at the top. The International Date Line was shown. BAKU is missing, and TEHERAN replaced BAGHDAD. But, I digress - .

Assemble Your Own

A different approach for the frugal do-it-yourselfer is offered by KLOCKIT of Lake Geneva, WI (phone 1-800-KLOCKIT). Their Fall, 1993 catalog has a 24 hour quartz movement and dial (identical to the BM1 B-M 973A dial) except in choice of six and one half inch diameter for \$9.95 or a dollar more will get you a movement with a nine and one-half inch dial. A choice of second hands at 35 cents each is offered separately. Hour and minute hands are included with the movements, and the net result is a very legible presentation.

Clearly, at about \$11, the bargain choice. KLOCKIT also has 24 hour clocks with cases in kit form in past catalogs, with the same, well marked military dial.

Esoterica For the Wrist (Rest) of Us

The upscale, trendy and mobile SWLer may be interested in a 24 hour movement, fully assembled wrist watch. KLOCKIT offers one, albeit 12 on top, in quartz movement for under \$35. The outer bezel manually turns to align the particular world city to its correct local time. The movement could be set instead to UTC (GMT is marked rather than LONDON) but then the bezel would have to be manually turned on an hourly basis to match, not an elegant solution. Between KARACHI and BANGKOK is DECCA (I suspect DACCA). But, I digress - .

The really elegant wrist solution may be my own elderly Swiss GLYCINE Airman Automatic, which has the 24 hour movement (24 on top) and a rotatable 24 hour well-marked bezel. UTC may be set on the bezel offset from your local time set on the movement. The hour, minute and second of UTC can then be read simply by hour hand reference to the bezel. I purchased this bullet-proof 25 jewel marvel at the NAVY EXCHANGE price of \$61 discounted from \$125 list in 1967 at NAHA, OKINAWA. In daily use since, it has never stopped and delivers accurate two zone time. A hack feature stops only the second hand at 24, permitting synchronization to WWV. No longer made in self-wind models, the US imported, FALCON SALES in St.Louis offers several 24 hour quartz models; the equivalently-configured GLYCINE Airman GMT-2000s, the GLYCINE WORLDTIMERS (ouch price!) and the FALCON Combat, which lacks the extra time-marked bezel. FALCON's number for brochures or orders is (314) 962-8222. Aircraft pilot supply firms also offer the GLYCINE Airman GMT-2000s, notably HME in Los Angeles (213) 463-4333 or WINDSOCK, Newport Beach, CA (714) 263-1534 in the \$300 neighborhood discounted from list.

Accuracy

For the wall models, expect quartz movements to keep plus or minus 20 seconds per month accuracy. ICOM states plus or minus 20 seconds and addresses temperature dependency restrictions. I shamelessly admit to being both a radio and clock nut, and I am thinking of calling MFJ to add their 24 hour wall clock to my shack. After all, I only have seven 24 hour digital display clocks there, but only the ICOM qualifies as a real clock. One more real, round clock couldn't hurt, could it? But, I digress - .

Special Feature

Please submit all contributions to:

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article: 33559 of
rec.radio.shortwave
Newsgroups: rec.radio.shortwave
Date: Sun, 17 Apr 1994 18:47:00
EST
From: "MacHarg, Ken"
<kmacharg@MHS.HCJB.COM.EC>

Subject: Re: Is sw on the decline?

[The following was posted to the Usenet newsgroup rec.radio.shortwave by Ken MacHarg of HCJB in response to a post asking if shortwave was on the decline. In view of recent Musings in the *Journal*, we thought it might be appropriate to present it here.]

In response to the question, yes and no. Some stations (TWR-Bonaire, Voice of America, and previously such stations as RCI and others) have prematurely chosen to shutdown, or curtail their shortwave operations. Others continue to add transmitters, sites and hours. Thus, the jury seems to be out on a definitive answer.

Why were the above-mentioned decisions premature? Because while satellite transmissions, the expanded use of local stations, and other methods are on the increase, and should be utilized by modern international broadcasters, the day of shortwave usage is far from over

First there is the issue of accessibility and gate keeping. While major stations may decide to deliver their programs by satellite and place them on local stations, this move assumes first that local stations want and will carry foreign broadcasts, and second that such broadcasts will cover the whole country in question. For example, here in Quito where VOA will provide programming to Radio Quito, the sw of RQ covers the country, but the medium wave signal is limited. And what

if Radio Quito decides they no longer want VOA programming? Then it is a matter of finding another outlet, and assuring that a minimum of programming will be carried.

Recently both Saudi Arabia and Iran have banned satellite dishes. Certainly one does not believe that local stations in Iran will carry broadcasts from VOA (or HCJB or many other stations for that matter). CNN was recently dropped by Star TV satellite services covering China, allegedly because of CNN's coverage of China's Human Rights problems. All of the rhetoric about using satellite and local stations may be good, but when the crunch comes, what happens if the shortwave stations are shut down and dismantled and the local gate keeper (government, station owner, etc.) pulls the switch.

Second, how does one cover an entire country according to the schedule of the originating broadcaster? Many countries do not have a complete network of local radio stations willing to carry foreign programs, and do not have stations which use shortwave for local coverage, such as does Radio Quito. Do international broadcasters wish to be totally dependent on local coverage to carry their message?

There is also the issue of providing programming, information, coverage to expatriates who may or may not speak the local language. I recently spent a weekend in Santo Domingo de Los Colorados here in Ecuador. Now, here at home in Quito I subscribe to cable TV, and can watch around a dozen stations with English news, sports, entertainment, what have you. But other Latin American cities I have visited do not have that extensive of a system. And cable TV does not exist in Santo Domingo. (It was interesting to note that of all the radios I saw

for sale in Santo Domingo, including boom-boxes, 90% offered the shortwave option). If the major sw stations were to leave shortwave, what source of programming would there be for the person living overseas who perhaps wants to hear, say, the VOA, in their own language but the local station is only carrying it in Spanish or Portuguese or whatever.

The recent situation in Rwanda has been instructive. It has also been reminiscent of the situations in China and other lands where shortwave has been THE means of communicating emergency messages to a country in chaos where local media certainly are not going to take time out to pass emergency messages for foreigners. Coverage of Rwanda, and instructions to nationals in that country from such stations as RCI, Monitor Radio, BBC and others has reminded us of the crucial role which shortwave plays in an emergency situation. Not to mention the dependability of foreign broadcasts, especially in comparison to local stations dominated by the government or taken over by opposition forces, neither of which can often be counted on to tell the truth.

This is not to downplay the importance of international broadcasters moving into the satellite delivery age, or making use of local outlets to relay their programs. HCJB has teamed up with Trans World Radio to do just that—provide quality programming in Spanish via satellite to young, urban, secular audiences in the urban areas of Latin America where more than 50% of the population lives. But at the same time, HCJB is

continuing its shortwave transmissions, recognizing that a vast audience remains to be served by this more traditional method.

More and more international broadcasters are providing their programming via satellite and cable or local radio distribution. But in the U. S., the home of so many outlets, how many stations are actually offering this type of programming? Maybe in the larger cities, but in Louisville, for example, where I spent seven months last year, NONE are available. The local cable company does not carry either of the C-SPAN audio channels which feature the BBC and other broadcasters. The THREE local NPR affiliates carry none of it (although the University of Kentucky station in Lexington carries two BBC newscasts per day). Thus, if one was deprived of the international shortwave broadcasts, the citizens of Louisville would not have access to any of the international shortwave programming.

What is the upshot of all of this? Just that the idea that shortwave is dead is misguided and certainly premature. Perhaps the time will come in a few decades when other forms of international delivery of what we now find on shortwave will be universally available. Until then, international stations need to keep one eye on the future of satellite and other methods, while at the same time keeping the shortwave transmitters tweaked and humming.

(The preceding comments are my own, and not necessarily those of HCJB)

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Radio HCJB
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Quito, Ecuador

HCJB - The Voice of the Andes +++ La Voz de Los Andes
Heralding Christ Jesus Blessings

NOTICE

Ads are included in the Journal at no charge to NASWA members when space permits. Ads can be printed for only one month. If another insertion is desired, another ad must be submitted. Please do not forget to specify who is to pay shipping on items. Send all ads (clearly written or typed) to NASWA, 45 Wildflower Road, Levittown, PA 19057.

NASWA Portraits

Jerry Kilnick
43 Lein Road
West Seneca, NY 14224



Happy 1994 to everyone and welcome to the first PORTRAITS column of the new year. Hope you all had a wonderful holiday season! For myself I had the rather unique experience of receiving 3 QSLs during Christmas week... all three of which new VICs. THANK YOU SANTA!! Now, of we go to the beautiful city of New Orleans and a visit with fellow NASWAN "Chris" (sorry Chris, I lost your envelope and you didn't have your last name on your letter)..

"I started DXing in 1967 at the tender age of twelve, using a Hallicrafters SX-38 which was a birthday present from my father, exW7CIH. At that time my QTH was Portland, OR. Not long after getting my receiver I started pulling in interesting DX and began sending out for QSLs. Within just a few years my QSL collection was fair sized and included some prized Latins and Asians. In 1970 I sold the Hallicrafters with the intention of buying a Realistic but I never got around to it. Without a rig I gradually lost interest in the hobby.

"In the 1980s I picked up a used Realistic like the one I had hoped to buy years before. I did some DXing for awhile, but gradually lost interest again, eventually selling the rig. During this time I did what I now consider to be a stupid move of my life... I threw away all of my old QSLs and almost all of my pennants, thinking I would never be interested in shortwave. Well, imagine my regrets now! (I can only to a point, Chris. I threw away a lot of mine too, from the early 60s for the same reason. But, thankfully, I did save one QSL from each country. This is something I think we all have done or almost done-ed) The only thing remaining from my collection are three pennants: Radio Japan, R. Casino in Costa Rica and YSS-El Salvador.

"In January of 1993 the DX bug bit me again. Finding a copy of Passport to World Band Radio in a local bookstore, I decided to pick up a moderate priced receiver. The Sony ICF-2010 seemed to be the best buy, and soon I was off and tuning.

"Within the next week I logged about 50 stations--many of which were old favorites, but many were surprises. I soon realized there were

many new stations, especially American religious stations. Within days the reception reports started going out. After a few weeks I received my first QSL in 23 yrs., from R. Portugal. Looking at the R. Portugal QSL card reminded me of the one I used to have... a larger and fancier version of the one they use now.

"Once the bug had fully taken hold and copies of The Journal started arriving, the decision to buy a better rig was made. A tough decision between the R-5000 and the R-8. Seeming to be the best value overall, I chose the R-8 which now graces my shack.

"Due to my job as leader and trumpet player in the Silver Leaf jazz band on Bourbon Street, here in New Orleans, I have quite a bit of spare time so, fully enmeshed in the hobby, I spend many hours listening to the airwaves. The reports go out-as many as ten a day-and the cards trickle in. Now I'm looking forward to two trips out to the west coast this summer, in hopes of pulling in some decent Asian DX. My only problem now is how to find a way to put up an Eavesdropper antenna here in the French Quarter without my neighbors seeing it. Maybe I'll try to put it up at night... (I think there ought to be a better way-hi...-ed.)

"If any NASWA members find there way to New Orleans, look me up any night but Monday at the Can-Can Cafe in the Royal Sonesta Hotel, corner of Bourbon Street & Conti Street, 9:00 P.M. to 1:00 A.M.."

Thanks for the invite and the great story, Chris. If you want to drop me a line, I'll put a last name to the first in a future column. Again we're down to just two profiles so it's a good time to sit down and brag on yourself a little. And, as always, a shack photo and/or one of yourself is a nice addition. Meanwhile, till next time, best of DX to you all and many pleasant trips to the mailbox!

NASWA Awards

Dr. Harold Cones
 2 Whits Court
 Newport News, VA 23606
 Compuserve 71570,411



Howdy for June. We are experiencing a beautiful spring here with just the right combination of warmth, coolness, wet, dry and sunshine. I was saddened several weeks ago to hear of the loss of Vern Hyson. Vern was not only a friend to the NASWA gang, but a real friend of the hobby, shouldering a variety of thankless tasks just to better the hobby. Perhaps this beautiful spring can in some way be dedicated to him; just like spring, Vern brought warmth to the lives of those he touched. He was a faithful convention goer and I will miss seeing and visiting with him in the years ahead; he will be missed by the hobby.

Things have been pretty slow here--you people throw away your radios? Perhaps during the down DX time of summer you will have time to organize your hobby and your record keeping so you can keep those applications flowing to me. If you are having problems with hobby organization, take a look at "Planning a DX Accident" (April 87 *FRENDX*), "Spectrum Logs: A Better Way to Bandscan" (April 90 *Journal*), "The Organized DXer: DX Record Keeping Systems" (August 90 *Journal*) and "The Organized DXer, Part II" (September 90 *Journal*). Look also at "Writing Reception Reports Using a Personal Computer" in *fine tuning's Proceedings* for 1988. The computer is a great help with keeping logging lists and there are a number of helpful articles on computer use in many of the newer hobby publications. Organization is a personal matter and everybody approaches it differently--it is what works for you that really matters, not how it may look to others.

While you are getting yourself organized, take a look at these organized folks who are the latest to proudly display the NASWA greens:

- John Brown All American DXer
- Ron Downing DXer de Pacifica
 18 site VOA endorsement
 30, 35 and 40 station end.,
 Senior Ecclesiastic DXer
- Richard Hankison International DXer Listener
- Harry Hines European Senior DXer
 World Wide DXer
 Maple Leaf DXer
 International DX Listener
- Jerry Klinck Arab World DXpert
 All American DXer
- Fred Kohlbrenner Maple Leaf DXer
- Scott Krauss Pirate DXer & 25 endorsement
- Ed Rausch Worldwide DXer
 DXer de Pacifica
- Lowell Pankake Ecclesiastic DXer
 Maple Leaf DXer

FEATURED AWARD OF THE MONTH

I have been getting a large number of questions lately about the awards program (in fact, I have been getting more questions than applications). I think it is a good time to run an updated version of my annual information column. The fourth edition of *The Complete Shortwave Listeners*

Handbook (Bennett, Hardy and Yoder) carried a huge section devoted to the NASWA awards program and I now get a number of applications inspired by that article; I also get a lot of questions. I try to provide answers but I find myself, in some cases, answering the same thing over and over again. So, as an aid to the new folks, and as a reminder to the old folks, here is the basic scoop on the NASWA awards column.

Fees: The awards cost \$2 each in North America, \$3 US to the rest of the world. IRCs are accepted at the rate of \$0.50 each. Either checks or cash are fine, but if you send a check, please make it out to me, not NASWA Awards or the like (one way of keeping the price of awards low is to not maintain a checking account. Therefore, if a check is not made out to me, I have to save up a bunch and send them to Bill, who can get them in the NASWA account most of the time, but then has to send a NASWA check back to me). US stamps, postal money orders and regular money orders are fine. Endorsement stickers used to be \$0.50, but now cost \$1. If you write a note to ask a question (and you are not applying for an award), it would help to include an SASE.

Timing: If you are working on a number of awards, it is a good idea to save them up until you can send several applications at the same time. This helps me with my time and saves the club a considerable amount of postage money (it takes me an average of 15 minutes each to log in, check, determine serial number, enter in the computer database for the column, pull the award, type it, address the envelope, attach seals and write a note--but two or more awards to the same person takes only a tiny bit longer). I try to do awards at least every two weeks, but just like you, I get behind from time to time. If a long time has passed since you applied for an award, please let me know.

Country list: NASWA is very careful about the entries on its country list and it may appear at times that the Country List Committee is moving very slowly in adding countries. The NASWA list is the most respected list in the world for a reason--it is this careful attitude that has made it the standard. The Country List Committee, headed by Don Jensen, begins work as soon as a "new" country appears. Any addition to the country list is debated by the members of the committee and a vote is taken. The results of the debate and voting are then reported to the Executive Director, who then reports to the membership. It takes a lot of time, and to someone who is looking for an award, it may seem like an unnecessary process. But the complexity of the process insures a certain amount of integrity.

An excellent discussion of how countries make their way into the country list is found in Don Jensen's "Counting Countries" in *fine tuning's Proceedings* for 1989 (this issue of *Proceedings* also has an excellent article on preserving QSLs by CPRV's Jerry Berg).

The printing of the country list is handled by headquarters. A new list was released in February and is available from The Company Store for \$2. I do not have them, so to avoid delay caused by my forwarding your request to The Company Store, please send your request directly there.

Replacement Awards: An award can be replaced at any time (sorta like Savings Bonds) by sending the money and a copy of your old award (or the award number) to me. Many times folks just getting back into the hobby after being out for awhile have lost their awards and would like replacements--not a problem! If you have no idea, guess the dates and send 'em my way. I have computerized most of the historical data and I can usually find the information to reissue your awards.

I hope this answers your questions and makes the award program a bit more understandable. It all operates pretty much logically but please do not hesitate to ask any questions you might have. Let me hear from you. It is fun to collect NASWA awards and if you have not started yet, now is the time. Oh yes, the most frequently asked question: Do I check your applications for accuracy? Yes, I do! Have a nice summer and enjoy getting yourself organized for the fall DX season.

Listener's Notebook

Hans Johnson
7529 Red Cravat Court
Columbia, MD 21046
CompuServe 73042,3644

DEADLINE for the June LN is Friday, June 24th.

EDITORIAL—Why is it that so many American shortwave stations can put out multiple spurs (i.e. WWCR) and transmit off frequency (i.e. WINB, WYFR, KJES), while the FCC seems to spend so much of its time chasing hobby pirates? (HJ May 22nd)

THIS MONTH in LN: Radio Patria Libre leaves and returns...Thailand to begin broadcasts from VOA site on June 4th...BBC stops QSLing.

ARMENIA—*Radio Yerevan/Araks Radio Agency* The following is a partial schedule of their English transmissions: 0830-0845 (Sundays) 15170 15400 17700, 2130-2145 11790 11960, 2230-2245 11790 11920 11945. (Mitsuo Yamada, Tetsuya Kondo, Nobuo Hina, the Asian Broadcasting Institute May 21st)

ASCENSION—*BBC* A verification signer here is Dinah Fowler, Transmission Engineer. (Dunn Australian Dx News May)

AUSTRALIA—*AAFR* now ids as *Australian Defense Forces Radio*. Their schedule is: Mondays and Fridays at 1600 on 10848.5 USB to Somalia with 40 kW. This is via Exmouth and these transmissions may increase in the near future. Daily at 0430 0930 and 0001 on 18735 USB with 40 kW. Standby frequency is 13525 and this is via Belconnen. (McKenzie OZDX May)

On May 15th, the *Radio Australia* site at Shepparton celebrated its 50th anniversary. The station teamed up with *Regional Communications* of Victoria state to present a history of the site as well as an introduction to shortwave for listeners in Victoria and abroad. This was done in a live transmission at 0110 that was repeated at 0910. Shepparton site, 100 miles north of Melbourne, was chosen for a number of reasons, among them: 1) Distance from the war front. 2) Closeness to studios in Melbourne and Sydney. 3) Good water supply and electricity available. Buildings on the site were constructed to withstand bomb hits, with 3 foot-thick walls. This thick walls make

installation of new equipment and/or wiring a difficult task. A birthday cake was presented and a sausage sizzle followed. Listeners were invited to send in their reports for a special QSL commemorating the occasion. (HJ May 15th)

Hats off to the Australian Dx Club, which is now entered its 30th year of operations. (HJ May 23rd)

BOLIVIA—*Radio Camargo* 3390 noted at 2248. (Dantas Atividade Dx via Tony "Ironman" Orr)

Radio Hitachi 4530 noted at 0000. (ibid.)

Radio Loyola 5995v reactivated after several years absence. Heard from around 1230 (in Spanish) to evenings (in Quechua) around 0200. The evening program seems to be a relay from *Radio ACLO* (Accion Cultural Loyola) and not mainstream Loyola programming. (Jones Numero Uno No. 1269 April 29th)

Radio El Mundo 6015v seems to have been running full power since the end of March. (Klemetz WRTHLA Newsletter)

BOSNIA - HERCEGOVINA — see **YUGOSLAVIA**

BRAZIL—*Radio Anhanguera* 4905 has reactivated but is on only irregularly. (HJ April 29th) They use a SNE brand 1 kW transmitter into a half-wave dipole antenna. (TIN Relampago Dx April)

Radio Clube Paranaense 6040.3 and *Radio Cultura Foz do Iguacu* 6105 are now operating 24 hours a day. (Jones Numero Uno No. 1269 April 29th)

Radio Clube de Ribeirao 15414.6 has reactivated. (ibid.)

BULGARIA—*Horizont* 11660 via Plovdiv from 0300–1700. (Martin OZDX May)

Radio Bulgaria 9700 uses the Kostinbrod (Sofia) site at 1900–2000 in English. (ibid.)

BURKINA FASO—*Radio Burkina* operates on the following schedule: 0530–0800 1700–2400 4815 0800–1700 9515 alternative 7230. There is a short ENGLISH news bulletin at about 1920 daily. (BBCMS World Broadcast Schedules No. 21 May 27th)

CAMBODIA—*Radio Phnom Penh's* reactivated 6089.8 on April 9th at 1153 after several weeks' absence. (Foster Numero Uno No. 1270 May 6th) Their 60 meter 4910v has been off the air for about a year now (David Clark's World Radio Report Dx Ontario June)

National Voice of Cambodia Their complete Foreign Service schedule on 11940 is as follows: English at 0000–0015 & 1200–1215; French at 0015–0030 & 1215–1230; Thai at 0030–0045 & 1230–1245; Lao at 0045–0100 & 1245–1300; and, Vietnamese at 0100–0115 & 1300–1315. (Martin OZDX May) Parallel 9695 has been inactive for ages (David Clark's World Radio Report Dx Ontario June)

CANADA—*RCI* has given up on its plans to establish a relay with *Radio Ukraine International* for the time being. Key in the decision were the inability of the latter station to send or receive programs via satellite, the poor quality of feeds taken from shortwave and Ukraine's current cash-poor situation. (Westenhaver Shortwave Radio Today May via Fred Kohlbrenner)

CHAD—*Radiodiffusion Nationale* 6165 has been noted here instead of on 4904.5. Heard as late as 2300 on UTC Saturday. (Bob Padula May 9th)

CHILE—*Radio Patagonia Chilena* 6080.1v has been putting in a signal to Maryland during May. Canned id at 1000 and then current affairs program from *Radio Portales*. Mucho QRM per Australia, Brazil and Ecuador on 6080. (HJ May 10th) Jeff White added the following on May 13th in response to a question HJ had about news relays by this station: I was there last summer doing a report

on the local media. *Radio Patagonia Chilena* is one of 23 stations which rebroadcast *Radio Portales* newscasts. Local DXers told me that "Radio Portales broadcasts some programs via *Radio Patagonia Chilena's* shortwave transmitter, and *Radio Chilena* transmits some programs via *Radio Santa Maria's* shortwave channel." I suspect that this may simply mean that *Radio Patagonia* belongs to the *Portales* news network, and *Radio Santa Maria* to the *Radio Chilena* news network. Both *Portales* and *Chilena* are major stations in Santiago with affiliates around the country which rebroadcast their newscasts and certain other programs. *Radio Chilena*, incidentally, is owned by the Catholic church, although it is very much a commercial station.

CHINA—*Jiangxi PBS* broadcasts the 1st Program from 2100–1500 (Tuesdays 0600–0855 off the air for maintenance) on 2445 5020. (Tatsuo Gima, the Asian Broadcasting Institute)

Nei Menggu PBS has been drifting from 4040 to 4084 since April. The program of this frequency is Chinese. (Tsutomu Kito ibid.)

Xinjiang PBS On May 9, they started using 7195 and 7385 again. (Satoru Suga ibid.)

Alxa PBS has reactivated 6025, heard from 2158–2300. (Akira Yamanaka ibid.)

Yunnan Broadcasting Station has changed programming since April. 1000–1030 Chinese, 1030–1100 Vietnamese, 1100–1130 Chinese, 1130–1200 Vietnamese, 1200–1230 Chinese, 1230–1300 Vietnamese, 1300 sign off as usual. The frequency is the same 6035. (Tatsuo Gima ibid.) Comment: This station is different from *Yunnan PBS*. (Tetsuya Kondo ibid.)

Voice of the Straits reactivated 5050 in April. (Tatsuo Gima ibid.)

Voice of Pujiang is on the air from 0955–1545 on 3280 4950 7115. (Toru Hayashi, Tatsuo Gima, Akira Yamanaka ibid.)

CLANDESTINES - AFRICA — *Nacional Radio of the Arab-Saharan Democratic Republic* has verified by writing via the address of the other POLISARIO station, *Voice of the Free Sahara*: B.P. 10, El Mouradia, Algiers, Algeria. (Scaglione Play Dx No. 789 May 5th) While the station announces 11321 they are actually on 11800. The broadcast in Spanish is from 0000–0100

daily except Friday and Saturday; the program is presented by two announcers—male and female—and opens with *Boletin Informativo* (a Saharan and world news report), a first “Seleccion Musical” (generally Latin or Spanish music) and follows with a different feature every day about the history or the actual situation of West Sahara: some programmes noted are *Informe Semanal* (Sunday) and *Punto de Convergencia* (heard Monday and Wednesday); the programming ends with the second “Seleccion Musical”, *Espacio Cultural* (radio drama with classics of the Spanish literature), a short farewell and the national anthem; sign off variable between 0045–0100. Their complete schedule is from 1800–0100, Thursday and Friday it closes down at 0000. (Martinez Contact June via Mathias Kropf)

According to Angolan National Television, the government and National Union for the Total Independence of Angola [UNITA] negotiating teams were still discussing national reconciliation and on May 17th they whole day discussing the future of the *Voice of Resistance of the Black Cockerel* [Vorgan—UNITA radio]. The government wants Vorgan to operate as a commercial radio station and stop broadcasting on medium wave because it violates the law. UNITA accepts this, but says that for historical reasons the transformation of Vorgan into a commercial station must be gradual. (BBCMS Summary of World Broadcasts No. 20 May 20th)

CLANDESTINES-ASIA—*Echo of Hope* broadcasts from South Korea to North Korea on the following schedule in Korean: 0300–0600 6348 0800–1100 3985 1100–1400 3985 1400–1700 3985 2000–2230 6348 alternate 3985. (BBCMS World Broadcasts Schedules No. 17 April 29th)

Radio United Bougainville 3880 Logged by Guy Atkins signing off in English at 1205 on May 15th. (World Radio Report Dx Ontario June)

CLANDESTINES - LATIN AMERICA—*Radio Patria Libre*

According to an Inravisión TV Cadena Uno report of April 19th, Colombian military forces seized a large part of the equipment of

Radio Patria Libre, the clandestine radio station of the Camilist Union of the Army of National Liberation. The station was located in the upper part of the San Lucas mountain range and covered the departments of Bolivar, Antioquia, Santander, Cesar and Cordoba. BBCMS could not trace the station in late April. (BBCMS Summary of World Broadcasts No. 17 April 29th) In spite of the seizure, the station continues to operate. It has been heard at 2140 on 15050 on a Saturday, albeit with a weaker signal than before the seizure. (Zeller Numero Uno No. 1272 May 20th)

COLOMBIA—*La Voz de Yopal* 5040 Reactivated on 5050 but has since moved down 10 khz. Their modulation is often very distorted. (Brian Alexander April 3rd)

CONGO—*Radiodiffusion Congolaise* 4765 has reactivated. Heard at 0440. (Tony “Ironman” Orr May 10th)

CROATIA—*Radio Zagreb* 5920 The station said they operated with 10 kW here. (Padula Australian Dx News May)

CUBA—*Radio Habana* 13700 new frequency, heard from 0000–0200 as well as new 9820 from 0200 and 9550 between 2200–2300. (Brian Alexander May 15th)

CZECH REPUBLIC—*Czech Radio's* Director General said that the station's external service should be redirected towards the East because it was more important for the Czech Republic to broadcast to Russia, the Balkans and Asia rather than the West. He supported this idea by saying that in the West people trusted their radio correspondents and did not have to rely on *Czech Radio's* external service. (BBCMS Summary of World Broadcasts No. 17 April 29th)

On April 28th, the Czech government decided yesterday to give *Radio Free Europe* until 30th June to make a decision on whether it would move to the building of the former Federal Assembly (FS) in downtown Prague, a government spokeswoman said. (ibid. No. 18 May 6th)

Radio Prague broadcasts from Litomysl in the republic and from Rimavska Sobota in Slovakia. (Radio News Bulletin May 2nd)

ESTONIA—*Estonian Radio* A new acting director was appointed on May 3rd after the former director resigned over financial irregularities. (BBCMS Summary of World Broadcasts No. 19 May 13th)

GERMANY—*Deutschland Radio Berlin*, formerly *RIAS*, can be heard at 0700 with news in German, followed by English and German pop songs. News headlines are given on the half-hour at 0730. (Arthur Cushen's Radio World April via World Radio Report Dx Ontario June)

AWR The European centre of this religious radio station has been moved from Italy to Darmstadt. Eleven staff organize the operation of the transmitters in Russia, Slovakia and Italy which reach, via shortwave, North Africa, Europe and the CIS States. *AWR* explained the move to Darmstadt with reference to the more favourable situation to eastern Europe. (BBCMS Summary of World Broadcasts No. 20 May 20th)

see **SLOVAKIA**

see **SOUTH AFRICA**

GUATEMALA—*AWR-Union Radio* A new and larger studio complex is nearing completion and should be ready for usage in a couple of months. Additionally, the shortwave antenna is being moved and also lowered to a half wavelength in order to improve propagation into Mexico and the southern areas of the United States. (Radio News Bulletin May 2nd)

HAWAII—*KWHR* The zip code for Naalehu is 96772. (Ed Rausch May 26th)

HONDURAS—*La Voz Evangelica* 4910.5 is widely heard once again and Larry Sexton provides an update on the station's status as of May 1st: We have been off the air for sometime due to transmitter breakdown again. Everyone says the same thing—salt air and humidity. It's a constant battle. The big one (500 watts) has been looked at by several people, but isn't working yet. As of the present date, both our small transmitters (100 watts) are in good working condition. Of course, future plans are to get the big one going and we have a man who is capable of fixing it as soon as health permits his coming. However our main target area is La Mosquitia itself and the small ones serve that area very well.

Radio Internacional 4930.6 Their telephone number is 528181 and their fax number is 581060. (TIN Numero Uno No. 1272 May 20th)

INDIA—*AIR Imphal* 6035 is testing here at 0200 in English. (das Gupta Australian Dx News May)

AIR 13750 heard on this new frequency in English until 0045. (Brian Alexander May 22nd)

INDONESIA—Unid 2425 unlicensed rather than amatir operation noted at 1137. (Foster, Martin OZDX May)

Unid 2901.6 possible amatir with poor modulation. (ibid.)

RRI Pontianak 3996 is still active here in spite of continuing use of 3915. (ibid.)

RRI Yogyakarta 5046 has reactivated. (ibid.)

RRI Jakarta 15154.6 is active again on this frequency. (ibid.)

IRAN—*Voice of the Islamic Republic* 9745 has a new program called *Voice of Bosnia* in Bosnian from 1830–1900. The station started the program because: "Naturally, in present world conditions, where in the heart of Europe there is an innocent nation whose situation is not understood by any of the superpowers—you have seen in the news recently what they have done to the people of Gorazde—transmitting the innocent call of those self-sacrificing and hard working people was our religious duty. Because of the goal of the Islamic revolution to broadcast the message of Muslims, it was a necessary task. We were able to make preparations quickly to start the programme. Of course, a great deal of effort went into the task, because they [Bosnian staff] could not speak Persian well and had not received the necessary training. There were, naturally, problems for us in terms of translation. However, certain measures have been taken and I hope that the programme will be expanded soon". A 500 kW transmitter is being used. (BBCMS Summary of World Broadcasts No. 19 May 13th)

ITALY—*AWR-Forli* is announcing an address of: 39 Brendon St, London W1, United Kingdom. (Dean Contact May via Richard "Quake" D'Angelo)

see **GERMANY**

JAPAN—*Radio Japan's Media Roundup* (Dx show) is on the air as follows: 0525Sun 5975B 7230B 9610 9725C 11740I 11885 15410 17810, 0725Sun 5975B 7230B 11740I 15270 15380G 15410 17810 21610, 1125Sun 6120C 9610 15295, 1425Sun 9535 9750 11705C 11840S 11915, 1725Sun 6150 9535 9580 11930S, 2125Sun 6035I 6185 9610 9625 9750 11925G, 0125Mon 5960C 9610 11840S 11860I 11910 15195 17810 17845. The attached with B: Relay From Skelton, U.K., C: Relay From Sackville, Canada, F: Relay from Montsinery, French Guiana, G: Moyabi, Gabon, I: Kranji, Singapore, S: Ekala, Sri Lanka. It lasts 25 minutes., hosted by Mark Robinson. (Tetsuya Kondo, the Asian Broadcasting Institute)

JORDAN—*Radio Jordan* Their verification signer, Jawad Zada, Director, has verified both mailed and fax reports recently. (Padula Australian Dx News May)

KAZAKHSTAN—*Radio Alma Ata* English can be heard from 1400-1430 on 5915. They announce as 5035 5915 6135. The station still use the name of Alma Ata, not Almaty. They relay *Radio Tashkent's* Chinese transmission from 1330-1400 on 5915 and 6135. (Tetsuya Kondo, Satoru Suga, Nobuo Hina, the Asian Broadcasting Institute)

KENYA—The Kenyan minister for information and broadcasting said on April 29th that deregulation and liberalisation of broadcasting in Africa needs to be done cautiously because of its immense cultural and political impact. He told a press conference upon arrival to a fair that many African countries agreed that state-owned media plays a vital role in development and it should therefore be encouraged and developed. He said private TV and radio stations should only play a complementary role. He added that the 61 ministers of information and broadcasting at the event agreed that there is need to strengthen censorship, especially on programmes beamed to the continent through satellite, as some of them are of pornographic nature. The Kenya posts and telecommunications corporation displayed some of its locally-made equipment during the fair. The *KBC* managing director said there is need to improve rural communication. (BBCMS Summary of World Broadcasts No. 18 May 6th)

LAOS—According to *Lao National Radio*, a ceremony was held on April 29th April to sign a contract to buy a 50-kW shortwave radio broadcasting system between the Ministry of Information and Culture and the Telstra Company of Australia. The aim of purchasing the 50-kW shortwave radio broadcasting system at a cost of more than \$1 million is to allow all localities and provinces throughout the country to receive programmes from the national radio station. This is because at present, many regions in the country are still unable to tune in to the station's programmes. Installation of the system will enable our country to possess a new modern shortwave radio broadcasting station to beam radio programmes to all regions throughout the country. Installation of this new radio transmitter will be completed within one year beginning on the day the contract was signed. (BBCMS Summary of World Broadcasts No. 18 May 6th)

Luang Prabang 7163 heard parallel to 6130 at 1225. (Seager Australian Dx News May)

LITHUANIA—*Radio Free Europe* 9710 broadcasts from Lithuania in Lithuanian from 1700-1800 daily. (BBCMS Summary of World Broadcasts No. 17 April 29th)

MOLDOVA—A new decree, issued after recent elections, has liquidated *National Radio and TV of Moldova* and created a state company *Radio-TV Moldova*. It is government financed but plans to provide unbiased information preventing the danger of mass media monopolizing by political parties. The decree offers opportunities for the expansion of the international service. (Caltuclu Contact May via Richard "Quake" D'Angelo)

MOLDAVIAN REPUBLIC OF PRIDNESTROVIE—*Radio Dniester International* their latest schedule is: 15290 2030-2100 Mondays, Wednesdays and Fridays repeated at the same time on Tuesdays Thursdays and Sundays. (BBCMS Summary of World Broadcasts No. 21 May 27th)

MONACO—As from March 27th, *TWR Monte Carlo* has been broadcasting in English at 0640-0845 on 7385 kHz. (Arthur Cushen's Radio World April via World Radio Report Dx Ontario June)

MOZAMBIQUE—The following message came over the DEVMEDIA Internet mailing list. No frequencies are mentioned, but a 500 km coverage radius must mean shortwave in tropical Africa. Because of tropical static, you just can't get that kind of coverage on MW in the tropics, even with high power. This article is from "The Beacon", the newsletter of the World Association for Christian Communication—Africa Region: The Catholic Church in Mozambique is going ahead with a proposed community radio station, in preparation for the country's elections of October 1994. The station will be set up in the Archdiocese of Beira and will reach local communities situated within 500 km. According to Sr. Lucy Rodrigues, coordinator of the Communication dept. of the Pretoria-based Interregional Meeting of Bishops of Southern Africa (IMBISA), people will benefit by participating in the entire process of making radio programmes. Education at all levels will be provided, but first of all political education, to enable people to understand and make their own meaning of democratisation, and encourage responsibility and participation in the running of social and political affairs. (Don Moore May 23rd and via Ben Krepp May 25th)

NEPAL—*Radio Nepal* has English news at 1415 on 7165. The station relays *BBC World Service* from 1715–1830. (BBCMS World Broadcasts Schedules No. 20 May 20th)

NEW CALEDONIA—*Radiodiffusion Francaise d'Outre Mer* has left shortwave. DXers remember the frequency of 7170, but they closed that service 1 year ago. Responsable d'Antenne Louis Palmieri told me at his office that the transmitter is old, and France does not have funds to buy a new one and a new TV transmitter is preferred by New Caledonia. (Tetsuya Kondo, the Asian Broadcasting Institute)

NICARAGUA—*La Voz del Atlantico* 10125 seems to be a link used to serve an AM or FM station located in Bluefields when they cover sporting events. Heard shortly after 2300. (San Gil Shortwave News May)

Radio Miskut 5770 has been off the air since last November. They have faults in two "modules" of their *ITT MacKay MSR 8000*

transceiver as well as a bad AC-DC transformer. A technician from Managua could not fix the transmitter and they are asking for donations to get the transmitter back on the air. They need about 5 thousand dollars. The station serves as an important medium to link small communities scattered in the Atlantic coast region. The objective of the station is to orient, educate and inform the people of the Atlantic Coast on the local, national and international events as well as to resume the cultural values of the Indian people under democracy. (Hirahara Radio Nuevo Mundo May)

PAPUA NEW GUINEA—*NBC's* operating schedule is as follows: 4890 2000–2200 9675 2200–0700 4890 0700–1400. (Martin OZDX via Fidonet via Fine Tuning No. 738 May 3rd) It looks like the station went back to using just 9675 in the middle of May. (HJ May 16th) They verified with a special card for the new transmitter on 9675. (Moulton Australian Dx News May)

PARAGUAY—*Radio Nacional* 9735 their 100 kW *Harris* transmitter is only being run at 40 kW. (TIN Relampago Dx April)

PERU—*Radio Jerusalem* 3194 is located somewhere in the province of Cajamarca. They may be connected with *La Voz de la Esperanza*, the station that formerly occupied this frequency. Although that have been announcing being on shortwave, this was believed to have been a second harmonic of 1597. Sign on time is 1000 on Sundays and 0900 the rest of the week. (Klemetz Play Dx No. 789 May 5th)

Estacion Wari 3280 noted at 0240. (Dantas Atividade Dx via Tony "Ironman" Orr)

Radio Ancash 4991 is now on 24 hours. (TIN Relampago Dx April 9th–15th)

Radio Andina 4995.8 their morning transmission is irregular.

(TIN Relampago Dx April)

Radio Horizonte 5019.8 ex 5008.7 and heard as late as 0100 during Easter. (EPP, Klemetz WRTHLA Newsletter)

Radio Libertad 5039 now signs on at 1000, ex 0930. (Latinoamerica Dx March via Radio Nuevo Mundo May)

Radio Oriente 6190 still off the air. (HJ)

Estacion Yurimaguas 6238 new frequency, ex 5046. They had left shortwave for FM, but have apparently returned in response to their crosstown rival, *Radio Oriente*, leaving the air, probably due to transmitter problems. (Klemetz Play Dx No. 789 May 5th)

Radio Luz y Sonido 6472.6 is non-commercial, apparently run by San Teodoro Catholic Seminary in Huanuco. (Klemetz WRTHLA Newsletter)

Radio Ondas del Rio Mayo 6803.32 Noted signing off early at 0100. (Brian Alexander March 27th)

PIRATES-ASIA—KIWI 7445 this New Zealand station has been quite active lately around 0600. In addition to their own programming, they are also relaying other stations. (Martin, Foster OZDX May)

PORTUGAL—Radio Renascenca This service is non-governmental and operated by the Catholic Church in Portugal for Portuguese emigrants in Europe and Brazil. It includes relays/rebroadcasts of the domestic *Radio Renascenca* service in Portugal. They operate on the following schedule: 0015–0130 daily 9600 0300–0500 weekdays 6100 0845–1000 Sundays 9575 1300–1600 weekends 9680 1600–1800 daily 9680. All transmissions are in Portuguese. (BBCMS World Broadcasts Schedules No. 19 May 13th)

RUSSIA—Radio Center broadcasts from 0530–0600 12010 and 1530–1600 on 11735 in Russian. (Nikolai Rudnev May 15th)

Radio Chita 4860 has local programming from 2115–2200. (Zatsepin ACK-Dx via Play Dx No. 788 April 30th)

Radio Ufa 4485 has regional programs in Russian/Bashkirian at 0100. (Nikulin *ibid.*)

Radio Vedo has programs in Russian on weekends from 0400–0800 on 5915 and 13710. (Klevtsov *ibid.*)

Radio Magadan 7210 has regional programs in Russian at 0800. (Ismagulov *ibid.*)

Radio Kazan at 0400–0500 on 6115 and 7185. (*ibid.*)

Radio Yakutsk has regional programs at 0000 on 7200 and 7345. (*ibid.*)

Radio Lena uses 5920 (2 kW) and 6125 (5 kW) from 0200–0800. (Nikolai Rudnev May 15th)

Radio Nadezhda is on the following schedule:

Time	Frequencies
0300–0600	5915 5935 6015 7140 9725 9730 9490 11670 11740 11805
0600–1000	5915 5935 7140 9490 9635 9725 9730 11665 11670 11740 11805 11965 15120 15230 17560
1000–1400	5915 5935 7420 9490 9590 9725 9730 11665 11705 11740 11965 15120 15230
1400–1900	5935 6015 7420 9490 9590 9725 11705 11740 11855 11985 15340 17675
1900–2300	6015 9490 9725 11855 11985 15340

(*ibid.*)

Radio Alpha and Omega, a Christian radio was first heard on 26th May 1992, prior to the opening of orthodox station *Radio Radonezh* on the same frequency. Their address: "Protestant" Publishing House, Mukomolnyy Proyed 1, Building 2, Moscow 123290. Try 1400–1500 on 9685 when they are operating from a 200-kW transmitter in Yekaterinburg. (BBCMS World Broadcast Schedules No. 21 May 27th)

Voice of Russia said "unfortunately we have been receiving more complaints about the very poor audibility of our programmes in both the near and far abroad [the republics of the former USSR and beyond]. Unfortunately in view of the almost complete lack of funds we cannot improve anything. Some of the transmitters are not working because of the shortage of electricity and spare parts, and others are costing too much to rent. So we will have to be content with what we still have. To be honest, our technical services do not even have official information from communications engineers on the frequencies allocated for *Voice of Russia* broadcasting in the near future, as in view of the aforementioned reasons, transmitters are constantly being switched off, switched over to other frequencies, or replaced. Generally the situation is critical, and we do not conceal the fact, but it is not within our power to change it.

We can only hope for the understanding and support of our listeners. (BBCMS Summary of World Broadcasts No. 19 May 13th)

Radio 7 from Samara is a multi-ethnic radio station set up on the basis of capacity that was once used as a jammer. They are now broadcasting in Russian, Tatar, Ukrainian, Chuvash, Mordvin, German, Yiddish and Polish, the radio station has become a centre for interethnic communications and is generating a wide response to its broadcasts—from foreign listeners as well as Russian listeners. (BBCMS Summary of World Broadcasts No. 19 May 13th) See August 1993 LN for more background and schedule. (HJ May 13th)

Radiostantsiya Atlantika can be heard in Russian at 1200 on 17745 15475 15430 11675 and 2300 11900 11850 9720 on Tuesdays and Fridays. (BBCMS World Broadcast Schedules No. 19 May 13th)

Radio Tikhy Okean can be heard in Russian at 1800–1845 on 21480 15530 15180 11985 11870 11775 11665 11660 11565 9510 7335 7240 5015 (ibid.)

KVLS Chinese program transmitting from Khabarovsk is only heard on Fridays, Saturdays and Sunday from 1300–1500 on 6080. On other days Radio Moscow Chinese is heard. (Kunihiro Nishida, the Asian Broadcasting Institute)

RWANDA—On April 21st Amnesty International Belgium suggested a concrete idea the project of a human-rights radio station which would be run by grassroots associations of the civilian society. It would be an instrument for dialogue and tolerance. This will be a key element for the reconstruction of Rwandan society, hence Amnesty's other appeal, an appeal to citizens to support this efficient instrument: radio in Africa for democracy. (BBCMS Summary of World Broadcasts No. 17 April 29th)

Radio Rwanda not heard in multiple checks this month. (HJ May 26th)

SEE SOUTH AFRICA

SINGAPORE—*SBC* Their id for their Mandarin service from 2200–1600 on 6000 is *Shing Jya Pwo Guang Bodan Tai*. English is on 5155 and Tamil on 7170 at the same times. (Stephen Price May 13th) While *Radio*

Singapore International is now broadcasting in Chinese: 1100–1300 9590, 2300–2400 9550. (Tatsuo Gima, the Asian Broadcasting Institute) English is expanded and is now 1100–1400 on 9530. The broadcasts from 2300–0000 seem to have ended. (Padula Australian Dx News May)

SLOVAKIA—*Slovak Radio's* Director said on April 3rd that the station has not received any state subsidies since last July and is in a critical financial situation. (BBCMS Summary of World Broadcasts No. 18 May 6th)

On April 30, the Slovak minister of culture, offered Slovakia as a location for VOA broadcasts and to use a free frequency Slovakia has (presumed mediumwave HJ) The proposal was received with interest, and the US officials promised to seriously consider this possibility. If this offer is accepted, the VOA's technical centre would be moved from Munich, Germany to a location nearer to countries for which the broadcasts are intended. (Note that Munich is also used for shortwave transmissions. HJ) (BBCMS Summary of World Broadcasts No. 18 May 6th)

Radio Slovakia broadcasts only from the Rimavska Sobota and Velke Kostolany, both of which are located in Slovakia. (Radio News Bulletin May 2nd)

SOUTH AFRICA—*SABC* 3220 ex 3230. (Petersen Shortwave News May)

Colin Miller of Samia, an ODXA member who used to work for the *SABC*, hears from a former colleague in South Africa that *Deutsche Welle* has asked *Channel Africa* to relay *DW* broadcasts that were previously carried by the Kigali relay. *Channel Africa* has agreed to the *DW* request and as of late April, the parties were in the course of working out the details. (Miller via Sellers World Radio Report Dx Ontario June)

SUDAN—*Radio Omdurman* 5049.7 new frequency, parallel to 9165 at 2300. (Foster OZDX May) Heard very irregularly here on this frequency. (Krone Numero Uno No. 1272 May 20th) Only announcing 9165 and 7200 at sign on. (HJ May 22nd)

SWITZERLAND—The following is the summer schedule beamed to Europe of *Red Cross Broadcasting Service*: English 0700–

0730 1300-1330, German 0730-0750 1330-1350, Spanish 0750-0810 1350-1410, Portuguese 0810-0830 1410-1430, French 0830-0900 1430-1500. The frequency is the same, 6165kHz. Dates of coming broadcasts: 26 June, 31 July, 28 August. Information via Patrick Piper, the Head of *RCBS*. (Tetsuya Kondo, the Asian Broadcasting Institute)

TAIWAN—*Voice of Free China* Since March 29th, they have Russian daily at 1705-1805 on 9955, following is a *WYFR* program in Russian at 1505-1705 on the same frequency. (Takashi Kitami, Tetsuya Kondo, the Asian Broadcasting Institute)

THAILAND—*Or Sor* (Palace Station) 6149.8 is active. (Tony Orr April 28th) *AWR Costa Rica* is blocking the frequency here in Maryland. (HJ May 26th)

Radio Thailand 6070 their home service is active here. (ibid.) 4830 has been inactive since late March. (Foster Numero Uno No. 1270 May 6th)

Radio Thailand's external service was scheduled to start using the *VOA* Udon relay station on June 4th for its world service broadcast for the total broadcast hours of 27 in a day in English, French, German, Mandarin, Bahasa Malaysia [Malaysian], Bahasa Indonesia [Indonesian], Japanese and Thai. Extensive Thai broadcasts will remain for Thai residents, workers and travellers in all parts of the world. (BBCMS Summary of World Broadcasts No. 19 May 13th)

UAE—*Abu Dhabi* 13605 heard on this new frequency from 2200-2400 in English. (Brian Alexander May 14th)

UKRAINE—see **CANADA**

UNITED KINGDOM—*BBC* Totalitarian states are still the bugbear for international broadcasters. While satellite technology is making it easier to reach local MW and FM broadcasters, hundreds of kilowatts of terrestrially generated skywave, bounced off the ionosphere at shortwave frequencies, remains the only way into places where political cooperation is lacking. There is perhaps no better illustration of the varied transmission methodologies now in use by international broadcasters than the way the *BBC World Service* is attempting to get its radio programs into China. From three sides,

the station is using satellite fed rebroadcasters to steer its programming into the country. Shortwave transmitters in Japan, South Korea and ex-jamming transmitters in the former Soviet Union are now carrying the World Service signals. This is in addition to *BBC's* own transmitters in Hong Kong and Singapore. While the rebroadcasters provide an important addition to *BBC WS* coverage they are not controlled by the station, and the terrestrial skywave remains the most important means of getting into China. And in a move that has the transmission industry poised to make bids, the *BBC* is planning to build a four transmitter relay station in Thailand with a primary target area of the most populated parts of the Indian sub-continent and the more populated areas of Asia, including China. The system will be bid on if the UK government sanctions the expenditure—which it has been urged to do by an all party parliamentary committee. "Thailand has a very good location because you get first-hop shortwave coverage to what in population terms is about 45% of the world's population", said *BBC's* Chief Engineer. "If you draw a circle at first hop radius from central Thailand, you'll find it picks up some of the most densely populated parts of Asia, as well as the very densely populated parts of Eastern India." Uncertainty over the future of Hong Kong, which reverts to Chinese rule in 1997, is probably another factor fuelling the World Service's desire for an alternative Asian transmitter, but the *BBC* offered no comment pending talks between China and the UK. The *BBC's* Thai transmitter will be sited near Nakhon Sawan, 250 km north of Bangkok and will comprise four 250 kW units feeding 14 curtain array antennas. A *BBC* assistant engineer said: "Some people still use rhombics or log periodics but we certainly, and I think most of the major international broadcasters, try to use curtains wherever we can". The station is looking for a "state of the art" transmitter. The engineer added: "It will have modulation systems that allow us to save energy, as we have on other transmitters in the UK and the more modern relay bases. It could have a solid state modulator but there is no preferred manufacturer." The Chief Engineer added: "While a solid state design will offer improved efficiency, for a remote site like that we will

be looking very carefully at the proven experience with the equipment that's being offered." Each antenna, the feeder to it and the switching matrix will all be capable of taking 250 kW. The curtains will describe two wide 60 degree arcs providing coverage about the bearings: 280 degrees and 45 degrees, beaming into the Indian subcontinent and Asia respectively. The World Service's primary aim with the Thai radiator is to make its "signal in the region more competitive". Up to three channels will be heard at certain times of the day, with English and a vernacular stream going into the subcontinent, and a Mandarin stream going into China. Asked what it expects of the winning bidder, the station said it will be seeking companies who can provide "good value for money, efficiency, a good track record and someone who can deliver on time and on budget." The installation project will be managed by the BBC. In addition to the Thailand curtain array farm, BBC wants to relocate its transmitter relay on Oman's Masirah island, to improve its other path into the subcontinent. Masirah is what the station calls "rather underpowered"—it only has four 100 kW transmitters, feeding "rather poor arrays" which do not focus the beam very well. "By using a combination of an upgraded Masirah and the new site in Thailand we will get much improved audibility in the subcontinent", the Chief Engineer said. Upgrading Masirah is subject to Treasury approval. A factor that pushed BBC into hiring former Soviet jammers to hit China was the fact that China was jamming one and sometimes two of the station's Mandarin feeds out of Hong Kong.

Feedback from listeners and reception surveys both in China and adjacent areas has proven that the 250 and 500 kW Russian systems are delivering the goods. The assistant engineer stated: "I've been in Singapore and Bali since they've been on and I was able to hear the transmissions effectively—they are radiating with satisfactory quality and so far the breakdown record seems to be good. If they are getting to Bali which is the second hop, they must be putting down an effective first hop service." (Marks and Von Gamm International Broadcasting via Fitzsimmons Contact May via Richard "Quake" D'Angelo) The World Service for Asia has doubled its

Report for Asia broadcast. Its now at 1645–1715 5975 9580 11750 15310 and again at 0130–0200 5965 7160 9580 11955. (das Gupta Australian Dx News May) Some of BBC's relays are: 7180 Kimjae, Korea English 1300–1400 7420 Irkutsk Chinese 2200–2300 9795 Ekaterinburg Ukrainian 0400–0430 1900–1930 12005 Tashkent 1330–1700 Subcontinent languages 12055 Tashkent Subcontinent languages 0030–0200 12055 Chita Chinese 2200–2300 15460 Chita Chinese 1000–1300. (Australian Dx News May)

I don't know if other NASWans have received this, but I got a letter in today's mail from Suluma Kassim of International Audience Correspondence for the BBC World Service. Quoting the letter: "Thank you very much for your letter and reception report to the BBC. We very much appreciate your interest in the BBC World Service, and our engineers are interested in the material listeners send to them about their reception conditions, but we regrettably do not have the staff resources to acknowledge every reception report with a QSL. We are sorry you find this disappointing, but we hope that you will nonetheless find the enclosed publicity material of some interest, and that you will continue to enjoy listening to the World Service". BBC World Service sent a frequency schedule and information on BBC's "Worldwide" magazine. It's regrettable that we DXers are some of the innocent victims of budgetary cuts. In other words, I'd discontinue sending reception reports to BBC World Service until further notice. (Eric S. Bueneman, May 24th)

USA—WWCR Noted putting our spurs of two different programs on 6410 and 8035 plus a spur from 5810 on 5887.9. (Brian Alexander March 26th)

The *Voice of America's* regular weekly shortwave and mediumwave listening audience is approximately 92 million adults. Geographically, the audience to VOA direct broadcasts breaks down as follows: Africa, 20 million; Latin America, 6 million; China, 19 million; other East Asia and Pacific countries, 1 million; Europe, including the former Soviet Union, 21 million; and Near East and South Asia, 25 million. About one in five tune in VOA Worldwide English programmes; the rest listen to VOA's language service broadcasts.

The research indicates that *VOA's* audience is generally young, male and well educated, although this may vary in different parts of the world. To date, not enough surveys have been conducted to measure how many people tune to placement broadcasts because of budget and staffing constraints. This is according to a *VOA* press release dated May 3th. (BBCMS Summary of World Broadcasts No. 19 May 13th) Some of the exotic sites *VOA* is using include: Plovdiv, Bulgaria English 12035 0600-0700 and 1800-1900 13680. Krasnodor, CIS Urdu 15490 1330-1430. (Australian Dx News May)

see **CZECH REPUBLIC**

see **SLOVAKIA**

see **LITHUANIA**

UZBEKISTAN—see **KAZAKHSTAN**

VANUATU—*Radio Vanuatu* is now under the organization of the *Vanuatu Broadcasting and Television Corporation, VBTC*, which is organised on May 1, 1992. *Radio Vanuatu* relays the following foreign broadcasters: 2000 *Radio Australia* English news, 2100 *RFI* French news, alternative *VOA* French news, 2200 except on Fri & Sat *BBC* English news, alternative *Radio Australia* or *Radio New Zealand International* English news, 2300 except on Fridays and Saturdays *Radio Australia* English news, alternative *BBC* English news, 0000 except weekends *RFI* French news. They still use shortwave relay using *Icom IC-R71E* receiver. The technical staff tunes to target and record it. When the reception quality is not suitable to rebroadcast, they switch to alternative station at another time slot. Pre-recorded stuff is played at the aforementioned time, however they *Radio Australia* is often relayed live. (Tetsuya Kondo, the Asian Broadcasting Institute)

VENEZUELA—*Radio Dos Mil* located in Cumana City, has plans to start shortwave using a Nautel transmitter. (Gomez La Gaceta Dx-ista via San Gil Shortwave News May)

VIETNAM—Unid 4718.9 heard relaying Hanoi at 1250 and 2200. Sometimes closes down at 1155/1200 but also heard as late as 1330. (Foster, Martin OZDX May) It's Hanoi here. This outlet had been heard in 1973. (TIN Relampago Dx April 16th22nd)

Radio TV Kon Tum 5076 drifted from 5070. (TIN Relampago Dx April 23rdApril 29th)

Bac Thai BS 6468.2v now here, ex 6628v. (Martin ibid.)

YEMEN—In spite of heavy fighting, both Sana'a and Aden remain on the air. Aden has been heard signing on in Arabic at 0300 on 7190. (HJ May 25th) The best frequency and time for Sana'a is at 0300 on 9780, when they also sign on in Arabic. They have also been heard on the 9069. There also seems to be a separation between the two of 711 khz (711 is one of Sana'a's mediumwave frequencies.), so I believe it is a spur of 9780. Sana'a can also be heard in the afternoons until 2115, but watch out for Abu Dhabi which is also operating on 9780, a new frequency for them, at this time. (Brian Alexander May observations.)

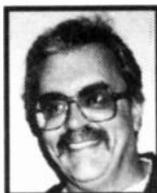
YUGOSLAVIA—Follow up to the April *LN*—According to a BBCMS report of May 27th, most *Radio Yugoslavia* transmissions are from a transmitter site at Bijeljina in eastern Bosnia-Hercegovina. In April, we had report saying that they had moved their operation to Belgrade. I'll follow up and let you know. (HJ May 27th) Their address is: Radio Yugoslavia, Hilendarska 2, P.O.Box 200, 11000 Beograd Tel: +381-11-344-455; Fax: +381-11-332-014. From 0030-0100 they rebroadcast *Radio Belgrade's* First Program in Serbian on 11870 and 9580 and from 2000-2030 on 9595. They also have a relay of *Radio of the Serbian Republic* in Serbian from 1955-2000 on 9620 6100 and from 2155-2200 on 9595 7265. (BBCMS Summary of World Broadcasts No. 21 May 27th)

ZAMBIA—Following up on a previous *LN* story, a Chinese delegation was carrying a feasibility study in mid-May to bring into Zambia shortwave and mediumwave transmitters to replace *ZNBC's* worn-out equipment. (BBCMS Summary of World Broadcasts No. 20 May 20th)

DX PUBLICATIONS—Pampas Dxing has returned! This newsletter, produced by Julian Anderson in Argentina, can be had for 20 dollars or 25 IRCs a year. The address is Casilla 57, Sucursal 40, Buenos Aires 1440, Argentina.

QSL Reports

Sam Barto
47 Prospect Place
Bristol, CT 06010



BHUTAN BROADCASTING SERVICE

QSL

Verification Card

Station

BHUTAN BROADCASTING SERVICE

For

Thank you for your reception report. We are pleased to verify your reception of our transmission on 29 JANUARY 94 from 12:00-12:31 hours on 5220 kHz, with a power of _____ watts.

via John Sgrulletta

x Th...



ADMIRALTY ISLANDS: Radio Manus 3315 f/d ltr. in 40 ds. for \$2.00. v/s Eliun Sere-man, Provincial Program Manager. (Martin-CA). p/d ltr. in 82 ds. after a f/u rpt. for ms. (Stephens-AL).

ANDAMAN ISLANDS: All India * Radio 4760 via Port Blair f/d "Western Gateway" cd. in 93 ds. via Delhi. (D'Angelo-PA).

ANTIGUA: BBC 5975 f/d ltr. from the Caribbean Relay Co. in 75 ds. (Shepard-CT).

ASCENSION ISLAND: BBC 17880 f/d ltr. in 6 mo. for \$1.00 v/s Dinah Fowler. Postmark was from Orlando, FL. (Tru-

ASIATIC RUSSIA: Adventist World Radio 11855 via Novosibirsk f/d "20th Anniversary" cd. w/ schedule in 47 ds. after a f/u rpt. to the Forli address. v/s Lina Lega, Secretary. (Stephens-AL). Radio Ne-berland 9855 via Vladivostok f/d cd. in 2 mo. (Barto). 17580 via Kom-somosikaya Amur f/d "Studio/Antenna" cd. in 37 ds. (Buer-FL). Radio France International 7305 via Irkutsk f/d "Antenna" cd. in 1 mo. w/ schedule. (Barto-CT).

AUSTRALIA: VLM4 4920 f/d "Map" cd. w/ sticker and schedule in 42 ds. (Stephens-AL). VL8K f/d ltr. w/ pamphlets and sticker in 141 ds. for a taped rpt. and \$1.00. v/s Rae Allen. (Klinck-NY). VNG 12984 via Llandilo f/d folder cd. in 2 wks. for 2 IRCs. v/s Dr. Richard Brittain, Legal Metrology Section. (Brouillette-IL). Radio Australia 7260 via Carnarvon f/d ltr. w/ schedule and a "Wilderness Society" cd. in 2 mo. for 3 IRCs. (Pankake-MN). 6020 f/d ltr. w/ schedule and calendar in 50 ds. (Shepard-CT).

AUSTRIA: ORF f/d ltr. in 22 ds. w/ schedule and ball point pen. (MacHarg).
BAFRAIN: Radio Bahrain 9746 p/d cd. in 33 ds. for \$1.00 and a taped rpt.
BHUTAN: Bhutan Broadcasting Service 5030 f/d prepared cd. (Klinck-NY). (above) w/ n/d personal ltr. in 8 ds: for SASE (used). v/s Thinley Dorji, 2nd Secretary. Ltr. was sent certified to the address in Passport to World Band Radio. (Sgrulletta-NY).

BOUVIA: Radio Santa Cruz 6135 p/d ltr. w/ brochure and sticker in 5 wks. for a SP rpt. and \$1.00. v/s Victor Blajot, S.I., Director General. (Kohlbrener-PA). f/d ltr. w/ sticker in 47 ds. for a SP rpt. (MacHarg) p/d ltr. w/ sticker in 21 ds. for a SP rpt. and \$1.00. (Stephens-AL). same in 137 ds. after a f/up rpt. in SP. (Comeau-MA). Radio San Miguel 4925 p/d cd. in 70 ds. for a SP rpt. and \$1.00. v/s Felix A. Rada Q. (Paszkiewicz). f/d cd. in 2 mo. for a SP rpt. Rcvd. 25th Anniversary sticker. (Field-MI). Radio Frontera 4450 f/d cd. in 1 yr. for a SP rpt. Also rcvd. 13th and 14th anniversary pennants!!! v/s Lena Meahuchi Von Ancken. (Field-MI)...Some one must of found the mail bag...Sam.

BOJGANVILLE: Radio North Solomons 3325 p/d ltr. in 9 mo. after a f/up rpt. v/s Demas Kumaina, Station Manager. (Stephens-AL).



RUSSIAN STATE TIME AND FREQUENCY SERVICE

Institute of Metrology for Time and Space (IMVP), NPO "VNIIFTRI"
Moscow Region, Mandelevo, 141570, Russia

Elton L. Byington
60-88 Flushing Ave.
Maspeth, Queens 1994 01 18
NEW YORK 11378 U.S.A.

Thank you for your reception report.

We're pleased to verify your reception of our radio time signals
transmitted by RWM from Moscow on 14996 kHz
16.00-17.40 UTC 1990 06 26

Yours sincerely
for State Time and Frequency
Service of the Russia

T. G. G. G.

BRASIL: Radio Cultura Foz do

* **Iguagu** 6105 p/d ltr. in PT w/ tourist brochure in 138 ds. for \$1.00. and a PT rpt. v/s Ennes Mendes Da Rocha, Gerente Geral. (Wilkins-CO). **Radio Tupi** 6030 n/d ltr. w/ prepared cd. in 19 ds. for a PT rpt. & \$1.00. v/s Alfredo Raymundo Filho, Director Geral. (Wilkins-CO).

* **Radio Trans-America** 5965 f/d cd. w/ personal ltr. in EG in 2 mo. for a PT/EG rpt. (Field-MI). **Radio Novas de Paz** 9515 f/d prepared cd. in 1 yr. after a f/u rpt. in PT in 23 ds. (Wilkins).

BURUNDI: La Voix de la Revolution 6140 p/d ltr. in 23 ds. (Wilkins).
after several f/up rpts. v/s Frederic Havugiyaremye. VIC #207! (Pasz-
CAMEROON: CRTV Buea 3970 f/d ltr. in 2 mo. for \$2.00 kiewicz-WI)
* (which they did not receive) and SASE (used). v/s James Achanyi-Pontem.
Report was sent to the Cameroon Link address. (Trummel).

VERIFICATION SIGNERS: Radio Difusora de Aquidauana 4795 Primaz Aldo Bertoni. **Radio Tropical** 4855 Walter Francisco Dourado, Director. **Radio M.E.C.** 17875 Paulo Cardoso, Tecnico. **Radio Nacional de Sao Gabriel da Cachoeira** 3375 Luis dos Santos Franca, Gerente. **Radio Cancao Nova** 4825 Valera Guimaraes Massafra, Secretaria. **Radio Progresso de Porto Velho** 4945 Angela Xavier.... via PLAY / DX.....Sam.

CANADA: CHU 14670 p/d "Fleming" cd. in 19 ds. for \$1.00. (Pankake-MN). **Radio Korea** 9650 via **Sackville** n/d "600th Anniversary of Seoul" cd. w/ schedule in 36 ds. (Washburn-ME). **CFRX** 6070 f/d cd. in 90 ds. v/s Stephen Canney, QSL Manager. (Thompson-NY). **Radio Canada International** 5960 f/d cd. w/ pennant and sticker in 10 ds. (Shepard-CT).

CANADIAN PIRATE: CRSM 7425 via **CSIC** f/d sheet in 1 1/2 mo. via BRS. (Trummel). **Southern Music Radio** (New Zealand) 7435.5 via **CSIC** f/d "Map" cd. in 1 1/2 mo. Personal ltr. and business cd. rcvd. (Trummel).

CANARY ISLANDS: Radio Nacional de Espana 11430 f/d prepared cd. w/ station stamp in 3 wks. for a SP rpt. and ms. (Rausch-NJ).

CELEBS: RRI Kendari 4000.1 f/d prepared cd. in 4 mo. via registered mail. v/s Drs. Supandi. Addr: Jalan La Ute No. 44, Mandonga Kendari.



Post Office Box 452
Wellsville, NY 14895

CENTRAL AFRICAN REP: Radio (Lare-MI).

Centrafrique 5034 p/d "Map" cd. in 41 ds. for a FR rpt. and ms. v/s Michel Bata. and Jacques Mbilo, Directeur. (Stephens-AL).

CHINA, PEOPLES REP. OF: China Radio International 11715 f/d cd. in 28 ds. (Levison-PA).

CHILE: Radio Nacional de Chile 15140 prepared cd. via the Embassy in DC for an 82 reception. (Gaharan-LA).

CLANDESTINE: A Voz de Resistencia de Galo Negro

7290 f/d red "Logo/Map" cd. w/ ltr. in 30 ds. v/s Jaime Vila Santa, Office Director. (Stephens-AL). **La Voz de Sahara Libre** 15215 via **RTVA** f/d cd. w/ calendar and a personal ltr. in 33 ds. for a FR rpt. and 2 IRCs. v/s Sneiba Lehbib. (Stephens-AL). **Voice of the Mojahed** 8840 p/d ltr. in 2 mo. w/ freq. and station history. Address on QSL was P.O. Box 3133, Baghdad, Iraq. QSL says that the transmitter is located "in the border regions of Iran." (Barto-CT).

COSTA RICA: Radio Nacional de Espana 11430 f/d cd. in 10 wks. and personal ltr. which said that this signal is sent by satellite from Madrid to Costa Rica.

QSL# 61

Dear Richard A. D'Angelo.

We are happy to confirm your reception report of our broadcast on 12/12/93 at 2:50 UTC. During the broadcast our transmitter was operating at a power output of 1000 watts into a 6x1 vertical curtain array. The broadcast was transmitted in full AOK stereo. We hope you enjoyed the program and we look forward to hearing from you again the next time we set sail.

Blackbeard
Captain Blackbeard
Jolly Roger International

QSL Verification

Radio Republik Indonesia Palangka Raya

Kepada Yth. Tuan JOHN L. SGRUJETTA

Ini membenarkan laporan tuan dari Radio R.R.I. Palangka Raya siaran pada gelombang 31.43 meter atau frekuensi 9545 khz., pada Senin, 10/1/1994, dari 19.37 sampai 20.12 waktu Indonesia Bagian Barat Pemancar kuasa studio kami 20 kw. dengar LOG PERIODICena.

Banyak terima kasih untuk laporan tuan.

v/s Juan Antonio Al-beria.(Field-MI).

Radio Reloj 6006 p/d "Clock/Globe" cd. in 15 ds. for a SP rpt. and ms. v/s Francisco Barahona G.(Stephens)

CROATIA: Hrvatska Radio 5920 f/d ltr. in 6 mo. (Trummel). 13830 f/d ltr. in 38 ds.(MacHarg).

CUBA: Radio Rebelde p/d cd. in 1 yr. for a SP rpt.(MacHarg-ECU).

CYPRUS: BBC 15575 via Limassol f/d "Logo/Map" cd. w/ sticker in 63 ds.(Humenyk).

CZECH REP: Radio Ropa International 5980 f/d cd. w/ stickers, personal ltr. and schedule in 60 ds. v/s Sabine K. Thome.(Stephens-AL). Radio Prague 7345 via Litomysl f/d "Theological Hall" cd. w/ schedule and sticker in 241 ds.(Humenyk-ONT). f/d cd. w/ schedule in 23 ds. for 2 IRCs.(Pankake-MN).

ECUADOR: HCJB 3220 f/d "Logo" cd. w/ schedule in 26 ds.(Stephens).17790 f/d cd. in 70 ds. for Email rpt.(Shepard-CT). Trans World Radio 15355 via HCJB f/d "Ecuadorian Youth" cd. in 1 mo.(Barto-CT). Radio Centro 3290 p/d ltr. w/ sticker in 32 ds. for a SP rpt., tape and \$1.00. v/s Luis A. Gamboa T., Director-Gerente.(Washburn-ME).

ERITREA: Voice of the Broad Masses of Eritrea

7020 f/d cd. in 4½ mo. for \$1.00. My reply came from Washington DC:(Tru-

EUROPIRATE: Heavy Dude Radio mmel). 7415 f/d cd. in 39 ds. for \$1.00. Sticker and info. sheet was rcvd. Believe this was relayed via NA pirate.(Comeau-MA).

VERIFICATION SIGNERS: La Voz de los Cent-

auros 5955 Mrs. Cielo de Corredor. Radio

Buenaventura 4836 Mauricio Castano Angulo,

Gerente. Radio Runacunapac Yachana 2967.7

Eusebio Sigcha T., Jefe de Programmas. Radio Mag-

had 9640 J. Ghanbari, General Director. Addr: P.O.

Bx 555, Mashhad 91375, Iran. IRRS Nexus Radio Alfredo Cotroneo, Chief Engineer.

Letvijas Radio 5935 Jogita Cinkus. Addr: P.O. Bx 266, LV-1098 Riga. Radio Television

Malaysia 6025 Ong Poh, Chief Engineer...via PLAY/DX...Sam.

EUROPEAN RUSSIA: Adventist World Radio 6130 f/d cd. in 3 mo. w/ pennant and schedule.(Field-MI). Radio Moscow 15585 via Moscow f/d cd. in 2

mo.(Barto). 15465 via Kingisepp f/d cd. in 2½ mo.(Barto-CT). 15435

via Kazan f/d cd. in 2 mo.(Barto). 21785 via Armavir f/d cd. in 3 mo.

*(Barto). RWM Time Signal Station 9996 f/d cd. in 3½ yrs. for \$1.00.

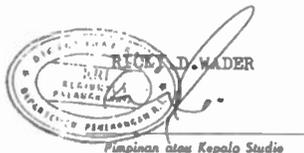
(Lare). 14996 f/d cd. in 4 yrs.(Byington-NY)...Great!

PERNANDO POO: Radio Africa 7190 f/d cd. w/ ltr. in 2 mo. for a rpt. to the CA addr.(Rausch-NJ). f/d cd. in 3½ mo. v/s Bonnie Longman.(Trummel).

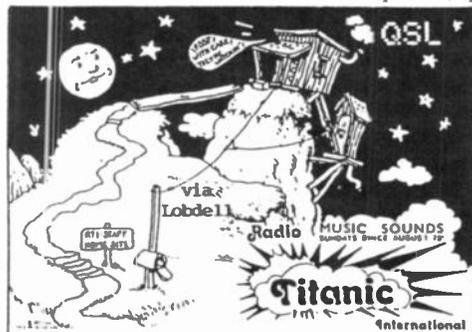
GABON: Radio Japan 11925 via Moy-abi f/d "Wooden Doll" cd. w/ schedule in 65 ds. for 2 IRCs.(Pankake-MN).

GERMANY (West): Deutschlandfunk 7270 f/d "Cologne Skyline" cd. in 82 ds. after a f/up rpt.(Stephens-AL).

GUATEMALA: Radio Tezulutlan 4835 f/d cd. w/ ltr. in 28 ds. for a SP rpt.(Stephens-AL).



Pimpinan atau Kepala Studio



YO Radio CRUZ
SANTA CRUZ
via Comeau



NOTES: Ross Comeau says that he has heard more countries on his R8 after receiving some assistance from Andy Wallace and John Fisher....They're good guys!...Sam. Mike Hardester says that after several unsuccessful years he finally received a QSL from Radio Bangladesh - however it was for someone named Manfred Beyen. If anyone knows this gentleman, tell him to contact Mike at 3118 Gaitway Court, Jacksonville, NC 28546-6973. Mike also says that reception reports should be addressed to: Md. Romi-zuddin Bhuiya, Senior Engineer (Research Wing), National Broadcasting Authority, NBA House, 121 Kazi Nazrul Islam Avenue, Dhaka-1000, BANGLADESH...Thanks Mike.

GUATEMALA: Radio Buenas Nuevas TGMI 4800 p/d "Quetzal Bird" cd. w/ pennant in 54 ds. for a SP rpt. and ms. v/s Israel Rodas M., Gerente.(Stephens-AL). Radio Cultura TGNA 3300 f/d cd. in 80 ds. v/s Wayne Berger, Chief Engineer.(Martin)

HAWAII: KWHR 9930 f/d prepared cd. v/s Dr. Lester Sumrall.(Kusalik). in 96 ds. w/ "First Day" cd. v/s Loren Holycross. This was for 2 IRCs. (Kusalik). same in 73 ds. for 2 ms.(Buer-FL). in 78 ds. for \$1.00. (Comeau-MA). cd. in 4 mo. (Lare). f/d cd. w/ ltr. in 96 ds. for ms. (Klinck-NY). f/d cd. in 22 ds.(Gaharan-LA). cd. in 84 ds. w/ sked. for ms.(Wilkins-MS). same w/ sked. in 96 ds.(D'Angelo-PA). 17510 sticker w/ sked. in 20 ds. but no QSL!(Stephens-AL). cd. in 102 ds.(Humenyk-ONT). f/d cd. in 3 mo. w/ sked.(Field-MI). 13625 f/d cd. in 3 mo. for ms.(Wilkins-CO). f/d cd. w/ sked. in 3 mo. for \$1.00.(Pankake-MN).

Forum for Democracy 9930 via KWHR f/d prepared cd. signed by v/s who attended a local church ministry for a speech. Also managed to talk to the Director of LeSea BCB about KWHR.(Kusalik). f/d WRMI "Logo" cd. in 6 ds. for a FAXED rpt. v/s Jeff White.(D'Angelo-PA).



QSL

THIS IS TO VERIFY THAT YOU HAVE BEEN LISTENING TO HEAVY DUDE RADIO

via Comeau

THE STATION WITH THE POWERFUL MUSIC IF IT'S TOO LOUD YOU'RE TOO OLD!

NAME: ROSS COMEAU
DATE: 28TH FEBRUARY 1994
TIME: 2235-2255 UTC
FREQ: 7415 kHz USB
SINPO: 55433

KEEP FIGHTING FOR FREE RADIO!

PARTY ON DUDES!
QSL No: 9

HOLLAND: Radio Nederland 6020 f/d cd. w/ calendar in 60 ds.(Shepard-CT).

HONDURAS: Radio Copan International 15675 f/d cd. in 160 ds. for ms. v/s Jeff White.(Wilkins-CO). f/d "Mayan Statue" cd. in 21 ds. for a taped rpt. (Stephens). La Voz de Mosquitia 4910 p/d ltr. w/ pennant in 12 ds. for ms. v/s Sammy Simpson.(Paszkiewicz).

HONG KONG: BBC 11820 f/d form ltr. in 17 ds. for 2 IRCs.(Newhall-CT).

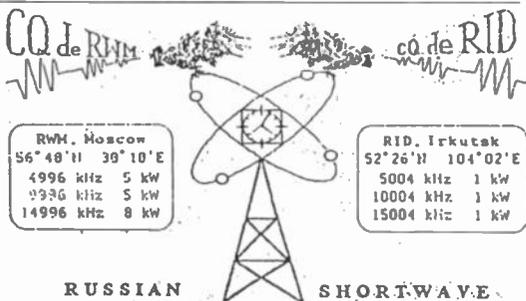
INDIA: All India Radio 4790.5 via Shillong f/d ltr. in 72 ds. for 2 IRCs v/s C. Lalrosanga, Director.(Martin). 7125 via Bangalore f/d cd. w/ schedule in 118 ds.(Humenyk-ONT).

ISRAEL: Kol Israel 17545 f/d cd. in 95 ds. w/ pennant and schedule.(MacHarg).

ITALY: Tele Radio Stereo 6012 * f/d ltr. in 1 yr. after a f/up rpt. to Dario Monferini. QSL Manager.(Kohl-brenner-PA).

JAPAN: Radio Japan 6120 via Sackville f/d cd. w/ sked in 50 ds.(Shepard-CT).... Sorry, should be under Canada...Sam.

KASHMIR: All India Radio * 3277 via Srinagar f/d cd. in 7 mo. on my second try.(Field-MI).



RWM, Moscow
56°48'N 39°10'E
4996 kHz 5 kW
9936 kHz 5 kW
14996 kHz 8 kW

RID, Irkutsk
52°26'N 104°02'E
5004 kHz 1 kW
10004 kHz 1 kW
15004 kHz 1 kW

RUSSIAN SHORTWAVE
STANDARD FREQUENCY AND TIME
RADIO STATIONS



KAZAKHSTAN: Radio Nederland 7305 via Alma Ata f/d cd. in 26 ds. for 1 IRC. (Martin-CA).

KOREA, PEOPLES DEM. REP: Radio Pyongyang 15115 f/d cd. w/ pennant and ltr. after 15 yrs. of trying! This rpt. was mailed in Russia by a friend of mine. (Stephens)

KOREA, REP. OF: Radio Korea 11945 and 15575 f/d cd. w/ schedule in 32 ds. (Humenyk)

LITHUANIA: Radio Vilnius 17690 f/d "Map" cd w/ sticker, personal ltr. and schedule in 3 1/2 mo. for a f/up rpt. and ms. v/s Ms. Rasa Lukaite. (Stephens-AL)

MALAWI: Malawi Broadcasting Corp. 3381 p/d ltr. in 41 ds. after 4 f/up rpts. v/s

NOTES: Steve Martin says that besides acting he has had a busy winter DX season. He just received the Indonesian Language Lab from the "Company Store" so he is all set to go! Charlie Gaharan says that we in the hobby should start writing letters in support of the international broadcasters such as VOA, RCI, etc... or we may lose them. Jerry Klinck says the DX is so-so but the weather leaves much to be desired. I know what you mean... Sam.

Ben M. Tembo, Head of Presentations. (Stephens-AL).

MALAYSIA: Voice of Malaysia 15295

large f/d "Traditional Dancers" cd. in 32 ds. for a registered rpt. and ms. v/s Mahani Ujang. (Stephens). cd. w/ calendar and stickers in 6 mo. (Stephens).

MAURITANIA: ORTM 4845 p/d cd. in 3 mo. (Stephens).

MEXICO: XEPPM Radio Educacion 6185 p/d cd. w/ sticker and schedule in 5 mo. for a SP rpt. and ms. (Stephens-AL).

MOLDOVA REP: Radio Moscow 17760 via Kishinyov f/d "Arbat Square" cd. w/ schedule in 47 ds. for \$1.00. (Newhall-CT). 17760 and 17880 f/d cd. in 2 mo. (Barto-CT). 7105 f/d cd. in 2 mo. for \$1.00. (Trummel).

MOLDOVA (Pridnestrovie): Radio Dniester International 7105 via Grigoriopol f/d certificate w/ form ltr. and postcards in 3 mo. for 2 IRCs. Addr: 45, 25 October Street, Tiraspol, Pridnestrovie, CIS. (Lobdell-MA). same in 3 mo. for 2 IRCs. v/s A. Komar, Editor. (Rausch-NJ).

MOROCCO: Radiodiffusion Television Marocaine

17595 p/d "Map/Logo" cd. in 55 ds. after a f/up rpt. w/ ms. v/s Tanane M'Hammed Jamal Eddine, Directeur Technique et Chef de la Division de Equipement. (Stephens-AL).

NAMIBIA: Namibia Broadcasting Corp. 3290 f/d cd. w/ form ltr. and sked. in 6 wks. after a f/up rpt. for ms. v/s P. Schachtschneider. (Stephens).

NEPAL: Radio Nepal 5005 f/d "Pokhara" cd. in 69 ds. for a taped rpt. and \$1.00. (Name?)

AWR  **Adventist World Radio**

AWR-Europe
Hildeberg
Lander, 24
64297 Darmstadt
Germany

AWR-Europe,
Italy
PO Box 383
47100 Porti
Italy

AWR-Russia
Box 170
Tula Centre
300000 Russia

To: Chris Lobdell

We are pleased to verify your reception of our station.

Date: 7 January 1974

Time: 0144-0200 UTC

Freq. (kHz) 7230

Power (MB) 41

Comments:



Transmitter Location

Porti, Italy

AWR-Europe broadcasts in 20 languages are featured on this QSL. English, Italian, Arabic, French, Russian and German. AWR-Europe broadcasts from Porti, Italy and from transmitters in Russia leased by the Voice of Hope. AWR-Russia, Tula.

AWR QSL #1 1990

VERIFICATION CERTIFICATE

Radio Station: Radio Dniester International
Transmitting From: Grigoriopol Transmitters

MOLDAVIAN REPUBLIC OF PRIDNESTROVIE

Power: 250 Kwatts

Time, Date: 2-28-74 s/on to 03:59 s/off. hrs. UTC 28-12-73

via Lobdell We confirm with pleasure your listening report. Thank you.

A. KOMAR 

/ CHIEF EDITOR /

NEW BRITAIN: Radio East

New Britain 3385 p/d ltr. in 115 ds. for \$1.00. (Comeau-MA).

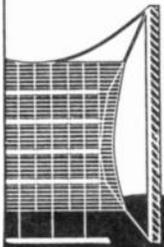
Radio West New Britain

3235 p/d ltr. in 196 ds. after a f/up rpt. for ms. v/s Esekia Mael, Provincial Programme Manager. (Stephens-AL).

World Harvest Radio

LESEA BROADCASTING

First Day QSL



via
Dickover



[KWHR - Naalehu, Hawaii
Antenna site located near South Point

NEW GUINEA: Radio Gulf 3245 f/d cd. w/ ltr. in 95 ds. for ms. v/s Timothy Akia, Provincial Program Manager (Sgrulletta-NY). Radio East Sepik 3335 f/d ltr. in 36 ds. after a f/up rpt. for ms. v/s Elias Albert, Assistant Provincial Program Manager. (Stephens). Radio Morobe 3220 p/d ltr. in 111 ds. for ms. v/s Peter W. Manau. (Stephens-AL).

NEW IRELAND: Radio New Ireland 3905 f/d ltr. in 1 mo. for \$1.00. v/s Ruben Bale, Pro-

NOTES: Jerry Clinck says hello to everyone and that the snow has finally melted. Same here...Sam. John Sgrulletta has just returned from a business trip to France and Belgium but alas no time to DX. Radio Gulf has incorporated Bill Plum's prepared cd. statement into their QSL letter. Interesting. Khris Dickover says that he assists Loren Holycross at WHRI/KWHR and that after 7 years on the air they have rcvd. 14,000 reception rpts. from 196 countries, 31 ships at sea, 1 submarine and 1 aircraft! Questions concerning programming or the technical aspects of WHRI/KWHR should be sent to Khris at 132 W. Washington, Tipton, In. 46072...Thanks...Sam.

vincial Programme Manager. (Stephens-AL).

NEW ZEALAND: Radio New Zealand International 9700 p/d cd. in 1 mo. for IRCs. (Pappas-SD). ZLXA 3935

* Radio For The Print Disabled f/d yellow "Logo" cd. w/ personal ltr., postcard and info sheet in 18 ds. for 1 IRC. v/s Brian Stokoe, Program Supervisor/QSL Manager. 900 watts: (Stephens-AL).

NICARAGUA: Radio Miskitu 5770 f/d 2 page ltr. in 233 ds. after a f/up rpt. in SP w/ \$1.00. v/s Evaristo Mercado Perez, Director de Radio. (Comeau-MA)

NIGER: La Voix du Sahel 5025 f/d cd. in 28 ds. for a FR rpt. and ms. v/s Zakari Saley who has replaced the deceased Yacouba Alwali. (Stephens-AL).

NORWAY: Radio Norway International 6120 f/d "Olympics" cd. w/ schedule in 57 ds. for 2 IRCs. (Brouillette-IL). 11860 same cd. w/ schedule & sticker in 46 ds. v/s Kirsten Rind Salomonsen. (Humenyk-ONT). same in 44 ds. w/ schedule. (Shepard-CT).

PAPUA NEW GUINEA: NBC 9675 f/d cd. in 12 wks. for 1 IRC. (Anderson-MI). f/d cd. in 35 ds. (Gaharan-LA). cd. w/ schedule in 50 ds. v/s Francesca Maredei, Planning Officer. (Kusalik-ALB).

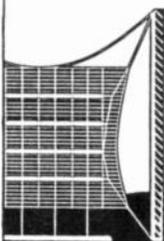
PERU: Radio Frecuencia San Ignacio 5700 prepared cd. w/ long ltr. in 5

* yrs! after my last f/up rpt in SP. v/s Franklin R. Hoyos Conдор, Director Gerente. (Wilkins-CO). f/d cd. w/ personal ltr. in 6 wks. for a SP rpt. 100 watts. #80 QSL from Peru. (Field-MI). La Voz de la Selva 4824.2 f/d "Transformation of a Witch to a Boa" cd. in 40 ds. for a SP rpt. Also rcvd. photo of their pet parrot! v/s Julia Jauregui Rengifo, Directora. (Martin-CA). more to follow.....Sam.

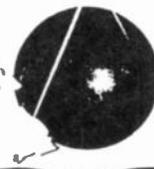
World Harvest Radio

LESEA BROADCASTING

Special Test QSL



via
Dickover



[KWHR - Naalehu, Hawaii
Antenna site located near South Point



La Voz del Santuario
960KHZ AM.Digital

VOZ del SANTUARIO

CON FEY AMOR TRABAJAMOS MEJOR

44 ds. for 2 IRCs. Also

rcvd. schedule, newsltr., calendar, sticker and used stamps. (Pankake-MN).

POLAND: Polish Radio Warsaw 11840 f/d cd. w/ schedule and postcard in 45 ds. after a f/up rpt. w/ 2 IRCs. (Pankake-MN).

PORTUGAL: Radio Portugal International 9705 and 9570 f/d "Antique Map" cd. in 62 ds. w/ sked. and sticker for 2 IRCs. (Brouillette-IL).

RIO MUNI: Radio Africa 7190 f/d cd. in 84 ds. w/ Malabo address for EG rpt. (Martin-CA). f/d cd w/ schedule in 39 ds. for a rpt. to the CA addr. v/s Bonnie Longman. (Pankake-MN).

ROMANIA: Radio Television Romania International 11830 and 11775 f/d cd. * w/ schedule and stamps in 4 mo. (Field-MI). 9690 same in 37 ds. (Hume-nyk-ONT). Radio Moldavia International 7125 (Romanian transmitters)

SUDAN NATIONAL RADIO CORPORATION *
via Jerry Klinck

We hereby confirm your reception report is correct with our records.

Date: September 16, 1992

Time: 03:33 -04:03 U.T.C.

Frequency: 9,190 kHz.

Power: 100 kw.

Thank you for your interest.

STATION MGR

M.G.KD

DATE:

6.16.92

PERU: Radio Santa Rosa 6045 p/d ltr. in 1 mo. for a SP rpt. and \$1.00. Also rcvd. sticker and a 180 page book commemorating the station's 35th anniversary. v/s P. Juan Sokolich A. (Kohlbrenner). Radio Tropical 4935 n/d form ltr. in 2 mo. on my 2nd try for a SP rpt. Also * rcvd. 2 stickers. (Field-MI). Radio Huayabamba 6272 (now Radio San Nicholas) f/d cd. w/ 2 calendars in 6 wks. on my 14th try for a SP rpt. v/s Juan Jose Vargas. (Field-MI). Radio Ancash 4991 f/d cd. in 82 ds. for a SP rpt. v/s Armando Moreno Romero, Gerente. (Martin-CA). f/d cd. w/ ltr. in 63 ds. for a SP rpt. and \$1.00. (Klinck-NY). f/d cd. in 41 ds. for a SP rpt. and \$1.00. (Paszkiewicz). Radio Oriente 6190 f/d ltrs. for 2 rpts. in same envelope in 53 ds. for a SP rpt. v/s Pedro Capo' Moragues, Gerente Tecnico. (MacHarg-ECU). f/d cd. in 3 mo. for a SP rpt. (Field-MI). La Voz de la Selva 4824.3 f/d cd. in 77 ds. for a SP rpt. & \$1.00. (Paszkiewicz).

PHILIPPINES: FEBC

11995 f/d "Hibiscus" cd. in



cd. w/ details and a New Years cd. in 14 mo. Also rcvd. verie ltr., calendar and Moldavian stamps. v/s Raisa Gonciar. (Kusalik-ALB).

SAINT HELENA: ZHH Radio Saint Helena 11092.5 f/d cd. w/ info. sheet in 6 mo. for IRCs. (Pappas-SD).

SAUDI ARABIA: BSKSA 9870 and 9555 p/d ltr. in 5 wks. w/ schedule. v/s Sulaiman Samnan, Director of Frequency Management. (Barto-CT).

SENEGAL: ORTS 7170 f/d "Globe/Logo" cd. w/ personal ltr. and 2 stickers in 26 ds. for a FR rpt., ms., and used US stamps. v/s Joseph Nesseim, Directeur (who is also a stamp collector) (Stephens-AL).

SICILY: Radio Uno - RAI 6060 via Caltanissetta f/d "Fontanesi Painting" cd. w/ schedule in 5 wks. (Barto-CT).

SIERRA LEONE: SLBS 3316 5 f/d cds. for 10 f/up reception rpts. dating

Q S L
Certificado de Sintonia
Emisora EBC

Para: Richard A. D'Angelo

Muchas gracias por su informe de recepción.

Tenemos el gusto de confirmar su control de nuestra emisión en la (s)

Frecuencia (s) 12.008 kHz de
fecha 05-03-94 desde las 10:14 horas UTC hasta las
10:25 horas UTC

San Fernando, 18 de Marzo de 1.994



back to 1986. These 10 f/ups were sent 5 mo. ago. Very pleased! (Price-PA).

SLOVAKIA: Adventist World Radio 9465 via Rimavska Sobota f/d cd. w/ pennant and sticker in 6 wks. (Barto-CT). 7115 f/d "Special Edition" cd. in 75 ds. v/s Iris Manuela Brandl. (D'Angelo-PA).

SOUTH AFRICA: Channel Africa 15240 f/d "Drakensberg Range" cd. in 6 wks. w/ sticker and schedule. (Barto-CT).

SPAIN: EBC Time Signal Station 12008 f/d cd. in 20 ds. for \$1.00 (returned)! (D'Angelo-PA).

SPANISH MOROCCO: Radio Medi Un 9575 p/d cd. w/ ltr. and stickers in 141 ds. for a FR rpt. and \$1.00. (Klinck-NY). **VOA Briech** f/d cd. in 60 ds. **SRI LANKA: VOA Colombo** 9645 f/d cd. w/ stickers in 12 ds. (Gaharan-LA). v/s John Vodenik. (Martin-CA).

SWITZERLAND: Swiss Radio International 3985 f/d cd. w/ schedule and stickers in 64 ds. after a f/up rpt. (Stephens-AL).

TADZHIK: Radio Moscow 17725 via Dushanbe f/d cd. in 5 wks. (Barto-CT).

TUNISIA: RTV Tunisienne f/d prepared cd. in 25 ds. for a tape, FR rpt. and \$1.00. (Klinck-NY).

TURKEY: Voice of Turkey 9445 f/d cd., w/ schedule and sticker in 39 ds. Also rcvd. station brochures. (Shepard-CT).

UKRAINE: Radio Ukraine International 7195 f/d "Ethnic Costume" cd. w/ schedule in 92 ds. (Levison-PA).

USA: WHRI 7315 f/d cd. w/ schedule in 21 ds. (Thompson-NY). 13760 same in 100 ds. for \$1.00. v/s Loren Holycross. (Comeau-MA). **WCSN** 13770 and 7510 f/d "Antenna" cd. in 57 ds. for ms. v/s Frank L. Hoskins Jr. (Broquette-IL). **KJES** 11715 f/d cd. in 2 wks. for ms. and \$1.00. (Klinck).

USA (Pirate): Witch City Radio 7468 f/d orange "Witch Flying on Broom" sheet in 20 ds. for a taped rpt. (Stephens-AL)...Lots more next month!

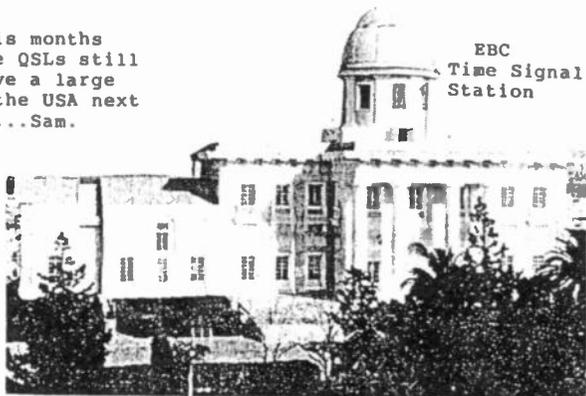
VATICAN: Vatican Radio 11850 f/d cd. in 3 wks. for 1 IRC. (Pappas-SD).

WEST IRIAN: RRI Manokwari 3987.1 f/d ltr. in 2 mo. for an IN rpt. v/s * Drs. P.M. Tigera, Kepala. (Barto-CT). **Radio Suara Kasih Agung "The Voice of the Great Love"** 4881.2 n/d ltr. w/ postcard in 6 mo. after a f/up rpt. in IN. v/s Ny Setiyono Hadi, Pimpinan. (Wilkins-CO).

ZAMBIA: Zambia National Broadcasting Corporation 4911 f/d cd. in 47 ds. after 3 f/up rpts. for a 9l reception. My latest rpt. was mailed by a friend visiting Kenya. v/s Wills F. Mulongoti. (Stephens-AL). 4909.8 f/d cd. in 5 wks. (Barto-CT).

Hope everyone enjoyed this months QSL Column. Lots of more QSLs still to report. We should have a large amount of reports from the USA next month. Keep listening.....Sam.

EBC
Time Signal
Station



REAL INSTITUTO Y OBSERVATORIO DE LA ARMADA

NASWA Scoreboard

Jerry Lineback
6361 Shore Drive
Douglasville, GA 30135



Greetings and welcome to another Scoreboard. The Spotlight this month is on Oceania. Remember that C/H = Countries Heard and C/V = Countries Verified. Totals should be according to the official NASWA Radio Country List.

A personal note. I have temporarily moved back into my house at the 6361 Shore Drive, Douglasville, GA 30135 address. This house is on the market, so I will, hopefully, move somewhere more permanent in the next year. Keep tuned.

Name, State	Totals		Oceania		Best Oceania QSL
	C/H	C/V	C/H	C/V	
James Young, CA	246	228	22	22	Cook Is.
Edward Kusalik, Alberta	241	238	22	22	Fiji 3230
Gordon Darling, P/NG	238	233	21	21	R. Cook Is.
Marlin Field, MI	236	234	22	22	R. Kerema 3245
Jerry Berg, MA	233	232	21	21	Fiji
William Flynn, OR	233	220	21	21	VQ02 Solomon Is
John Sgrulletta, NY	226	226	20	20	Cooks Is.
Steven Lare, MI	226	203	21	21	Marshall Is.
Ed Shaw, KY	225	208	18	16	Fiji
Mitch Sams, MO	225	189	20	19	R. Northern PNG
Terry Palmersheim, WA	224	213	21	21	A3Z Tonga
Nobuaki Takahashi, Japan	224	198			
Donald Hosmer, MI	223	194	19	18	Cook Is.
Chris Lobdell, MA	222	216	20	19	Kiribati
C. Vernon Hyson, NC	222	210	20	20	R. New Ireland
Al Miller, Jr., OH	217	209	20	20	Fiji
Richard Davis, NM	215	205	20	20	Kiribati
Larry Abraham, MI	215	200	21	19	R. Cook Is.
Ron Howard, CA	215	199	21	20	Tonga
Sheryl Paszkiewicz, WI	213	207	20	20	Kiribati
Paul Buer, FL	213	202	19	19	R. Cook Is.
Frank Orcutt, NY	213	182	20	19	R. Cook Is.
Del Fye, FL	212	198	20	19	Cook Is.
Rick Krzemien, CA	211	202	20	19	Tonga/Marshall
Christos Rigas, IL	210	191	20	19	R. Cook Is.
Fred Kohlbrenner, PA	210	185	19	19	R. Cook Is.
Mike Hardester, NC	209	194	20	19	Fiji 3230
Jerry Klinck, NY	206	182	19	16	Fiji 3284
Jerry Lineback, GA	206	108	18	8	SIBS
Dino Bloisse, Dominican Rep.	205	85			
Charlie Washburn, ME	201	155	15	9	Solomon Is. BC
Martin Foltz, CA	200	164	19	18	R. Cook Is.
Tom Daly, NY	200	46	20	4	R. Northern PNG
Stephen Pitts, NE	197	171	17	17	R. Cook Is.
Larry Kramer, CO	196	138	18	14	Fiji
Stephen Price, PA	182	148	12	11	R. Kiribati
Rev. John Eckert, PA	175	161	14	13	R. Cook Is.
Allan Loudell, DE	175	146	15	13	RRI Serui
Ichiro Maruo, Japan	174	113	19	16	R. Cook Is.
Andy Rugg, Que.	170	154	7	7	ABC Perth
Daniel McCarthy, GA	169	144	11	11	R. Cook Is.
Pasquale Di Biase, ME	169	121			
Carl Mann, NE	165	151	16	14	R. Malaysia
Scott Helm, KS	163	107	10	8	RRI Jakarta
Ross Comeau, MA	158	122	12	11	Kiribati
Kirk Trummel, MO	158	119	15	15	Solomon Is.
Mark Humenyk, Ont.	157	114			

Name, State	Totals		Oceana		Best Oceana QSL
	C/H	C/V	C/H	C/V	
Carl Radtke, WA	153	153	10	10	Cook Is. 500W
Elliot Straus, NJ	152	86	8	6	VLT4 4890 P/NG
Richard Hankison, KS	150	124	14	13	Radio Kiribati
Chris Sweitzer, FL	142	88	9	5	VLW6
Joe Kremer, IN	137	87	10	6	Solomon Is. BC
Steve Bagozzi, CA	135	105	12	11	R. Vanuatu
Barry Schwartz, NY	125	100	5	5	Tonga B.C.
Lowell Pankake, MN	122	73	9	6	ABC VLW6
Jason Moore, KY	120	68	9	5	VNG
Greg Martin, MI	118	91	10	6	VL8A Alice Sp.
Chris Tyle, CA	116	35			
Norm Newhall, CT	114	105	6	6	NBC P/NG
Kevin Murray, OR	103	80	14	11	R. Enga
Bruce Orenstein, NY	102	77	4	3	Tahiti
Brian Boulden, CA	98	86	10	9	VLQ9
Mark Anderson, MI	91	76	5	5	VNG Australia
Andreas Scheurell, PA	84	53	5	5	Tahiti
Ed Poston, IA	78	45	5	3	RA Brandon

Thanks to all who contributed to this Scoreboard. The next deadline will be August 15 for the September Journal. The Spotlight then will be on South America. Please share your progress in the hobby with your NASWA Associates through Scoreboard. Another personal note: The totals recorded above for the late C. Vernon Hyson were received shortly before he passed away. They are included in this Scoreboard to honor our memories of this long time NASWA Associate. Someday, we all will have our final score. 73s to all.

FOR SALE: Kenwood R5000 (Serial #21100158) in mint condition. Purchased new from International Crystal & Computer, Inc. in 6/91. Includes International Crystal 6.0. 4.0, and 1.8 kHz filters in addition to stock 2.4 kHz filter. Includes special International Crystal tuning upgrade (finer VRT), DC power cord for auto lighter socket, service and owner's manuals, and cover. \$850 including shipping. Jon L. Williams, Old Bailey Building, 244 N. College Avenue, Indianapolis, IN 46202. Phone (317) 639-3315.

WANTED: Kenwood R-600 receiver and McKay Dymek DP40 preselector. Rick Krzemien, 5398 Concerto Circle, Concord, CA 94521. Phone (510) 687-2719.

FOR SALE: World Radio TV Handbooks. 1967, good. 1969, good. 1973, loose pages, but all there. 1974, good. 1975, few loose pages. 1976, few loose pages. 1977, very good. 1984, excellent. Make offer on all or single editions. Please call first at (910) 799-5013 after 7:00 pm EDT. No collect calls, please. Franz Schwartz, Jr., 414 Sabra Drive, Wilmington, NC 28405-3835.

FOR SALE: Sony ICF-2010 receiver with Universal carrying case, Universal radio stand, and owner's and service manuals. Excellent condition. \$250.00. Stan Cabral, 2254 62 Avenue, Oakland, CA 94605, Phone (510) 562-2486.

WANTED: Radio New Zealand pennants and stickers. Does anyone have anything at a reasonable fee? Ron Downing, 6448 Ingalls Court, Arvada, CO 80003.

WANTED: Pennant collector lookint to contact other collectors who are interested in swapping or selling station pennants. Fred Kohlbrenner, 2641 S. Shields Street, Philadelphia, PA 19142.

Contributors' Page

John Schmid
P.O. Box 86
Line Lexington, PA 18932

LOGGINGS CONTRIBUTORS - June 1994 - DEADLINE 10th of MONTH

The following members contributed loggings:

Brian ALEXANDER, Mechanicsburg, PA
Jerry BEERG, Lexington, MA
Juliana BICKUS, Herndon, VA
William BROWN, Independence, MO
Eric BUENEMAN, Hazelwood, MO
Jim C. AR, Rochester, NY
David M. CLARK, Thornhill, ONT
Russell CLEVELEY, Wilson, NY
Richard D'ANGELO, Wyomissing, PA
William DAVENPORT, Nashville, TN
Harold FRODGE, Midland, MI
Pete CRENIER, Sparks, NV
Hans OHNSON, Columbia, MD
Jerry JOHNSTON, Lexington, KY
Rufus JORDAN, Pittsburgh, PA
James KILGALLEN, Monticrey, CA
Marie LAMB, Brewerton, NY
Jim LANE, Toronto, ONT
Ernest LAWRENCE, Perry, NY
Harold LEVISON, Philadelphia, PA
Ken MacHARG, Quito, ECUADOR
William R. MAYER, Allentown, PA
William McGuIRE, Cheverly, MD
Don MOORE, DXpedition, MI
Ed NIWBURY, Bridgeport, NE
Willi PASSMANN, Muehlheim-Ruhr, GERMANY
Sheryl PASZKIEWICZ, Manitowoc, WI
Marti PECK, Bronx, NY
Wilda A. PICKARD II
Salvatore PLACANICA, ITALY
Ed RAUSCH, Cedar Grove, NJ
Chuck RIPPEL, Virginia Beach, VA
Doug ROBERTSON, Oxnard, CA
Betsy K. ROBINSON, Clinton, TN
Mike RYAN, Bangkok, THAILAND
Giovanni SERRA, Rome, ITALY
Todd SMITH, Norwalk, CT
Jack THOMPSON, New York, NY
Errol URBELIS, Kings Park, NY

NRD 535D Vs Longwires
R8 R390A HQ180A 150' LW
R8 ATS803A Eavesdropper

DX400 Homebrew Antenna
R8 FRG8800 Eavesdropper
2-R8 2-R7 HQ180C
Icom 725 R1000
R8 FL3 AD Sloper Farley Loop
DX380 ICF7601 AN1
Icom R71A 80'/185' RW's
FRG7 ATS803A 99' Indoor Loop
R8 FL3 AD370 AD Sloper
NRD525 SP600 R390
DX302 Transoceanic 33' LW
NRD525 FL2 DSP59 70' LW
HF150 ATS803A DX375
R5000 20m Dipole
NRD525 DX440 Dipole LW
R8 R70 D2999 Indoor LW

TS-430S HF6V vertical
DX380

R8 R5000 70' Windom

NRD515 NRD525 150' LW
NRD515 R71A FRG7
R7 R8 HF150
Grundig 500 ICF7600D
R5000 Sony2010 MFJ959
R8 R390A SP600 HQ180AC
DX302 FRG8800 FRA7700
R8
Sony 2010 Sony 2001D
NRD525 AD Sloper
SW60
Grundig YB400 ICF SW33
TS440S HQ180 2010 FRG7

Hello and greetings to all! I'm John Schmid, your new Distributing Editor. Here's a little about myself:

Age 42, married, have a 9 year old daughter, employed by Bell Tel as a cable splicer, and part time as the Tax Collector for the School District here in Line Lexington [real popular with the local townfolk too!].

I've been a SWL since about 1966. Most of the time I listen on a Yaesu FRG 7000, but summer evenings you'll find me on the back porch with my 1956 Transoceanic [on display every year at the Winter SWL Fest]. I'm not a real fanatical DXer or QSLer; I enjoy both, but it's just a hobby. Other interests include reading, travel, old stuff, and working out at the gym.

Don't be alarmed if all your equipment and or antennas aren't listed yet - I'm also a complete computer nerd, laboriously working on some sort of data base. So if I publish some erroneous information, just let me know and I'll try to correct it. To all the computer people out there -- Sorry I don't have CompuServe or GENie or E-Mail or whatever it's called [you computer guys know what I mean]. (I'll set John up shortly - ed.)

As a member of the Journal staff, Bob Brown promised me all the perks of editorship; membership at the NASWA Country Club, a company car, lucrative retirement plan, use of the NASWA DC9 etc. etc.

Good Listening, see you next month!



Tropical Band Loggings

Sheryl Paszkiewicz
1015 Green Street
Manitowoc, WI 54220

Sorry about the frequency out of order mixups last month. The sharp eyed also noticed program detail mixups around 3375 & 4750. Sorry for the confusion. Willi Passmann now offers the TBL mentioned last month for U.S. currency, \$19 per issue. NASWA might be able to offer it at a club discount, watch The Company Store for details.

- 2310 AUSTRALIA VL8A 4/9 0943 MoYL mx, chit chat (Frodge-MI2)
2460 BRAZIL Alvorada 4/10 0938 tlk & low key mx (Frodge-MI2)
2850 NORTH KOREA KCBS Pyongyang 3/1 1245 KR mx, tlk by W, fair (Newbury-NE)
3205 NEW GUINEA R West Sepik 4/20 1120 lcl tlk, Madonna mx, good (Davenport-TN)
3230 SOUTH AFRICA R Oranje 5/11 0240 EG/AK pops, jingle, AK nx, think was on B4 0300 due to Mandela inaug. (Lamb-NY)
3264.7 SUMATRA RRI Bengkulu 4/9 1230 IN tlk, flute & bells, W tlk which sounded like crying, fair (Newbury-OR)
3275 PAPUA R Southern Highlands 4/20 1137 tlk, ment Mendi, faded by 1140 (Davenport-TN)
3300 GUATEMALA R Cultural 4/17 0337 vy long sermon (Serra-ITALY) 4/15 1120 secular mx, sounded Cajun, prayer (Newbury-NE)
3315 ADM ISL R Manus 4/20 1145 tlk abt lcl events, weak & fading badly (Davenport-TN)
3325 GUATEMALA R Maya 4/15 1135 marimba & male vcl, lots of tlk, good (Newbury-NE)
3330 CANADA CHU 5/10 1723 noted during solar eclipse (Lamb-NY)
3335 NEW GUINEA R East Sepik pres 4/10 1139 gospel & C&W mx, QRM from CHU, poor (Frodge-MI2)
3335 TAIWAN BCC 5/1 *1000 tlk, nx, piano mx, ID 1053, more mx (Robertson-CA)
3356 BOTSWANA RB 4/6 0335 EG/lang rock, Pink Floyd, 0400 ID, nx in EG (Rausch-NJ)
3360 GUATEMALA LV de Nahuala 4/15 1145 marimbas & brass (Newbury-NE)
3375 NEW GUINEA R West Highlands 4/10 1154 C&W mx, poor (Frodge-MI2)
3925 JAPAN R Tanpa 5/1 1010 JP 1st Pgm instl, chit chat over mx, jazz pgm, 1030 ID (Robertson-CA) 3/1 1255 Vivaldi's 4 Seasons ID, canned promos (Newbury-NE)
3945 JAPAN R Tanpa 5/1 1015 JP mx, ballads, 1100 ID, QTH, 2nd Pgm (Robertson-CA)
3995 WEST GERMANY DW 4/16 0117 GM tlks, ID, good (Davenport-TN)
4753.4 SULAWESI RRI Ujung Pandang 4/16 1115 IN tlk, vcls, tent ID poor audio (Davenport-TN)
4770 ECUADOR Centinela del Sur 5/7 to 0339* LA pops, turntable breakdown, ID, FC, phone #, anthem (Lamb-NY)
4770 NIGERIA RN Kaduna 5/7 *0423 EG drums, anthem, ID, pledge, rel pgm (Lamb-NY)
4780 NORTH KOREA R Pyongyang 4/9 1214 //3320 semi-class mx, W sing patriotic song in VT, fair (Newbury-OR)
4799.8 GUATEMALA R Buenas Nuevas 4/17 0237 lang sermons, hymns, ID 0258 (Serra-ITALY) 4/10 1107 RBN IDs, low key vcls, fair (Frodge-MI2) 4/16 0100 rel sermon, tent ID, poor (Davenport)
4805 BRAZIL Rdf Amazonas 4/18 0054 Don McLean, Brasopops, FC, IDs jingles (Lamb-NY)
4810 SOUTH AFRICA Afrikaans Stereo 5/2 0500 AK ID, phone sfx, nx abt election (Lamb-NY) 4/14 2356 R2000 class mx, Herb Alpert, little tlk (Davenport-TN) 4/9 0025 R2000 EZL mx (Levison-PA)
4820 HONDURAS HRVC 5/1 0221 SP rel pgm (Kilgallen-CA) 4/15 0017 SP rel tlk, good (Davenport-TN)
4825 GUATEMALA R Mam 4/16 0035 rel tlk, lcl mx, ID, TC, vy weak (Davenport-TN)

4826.1 PERU R Sicuani 4/16 1035 morning pgm, ment Sicuani (Davenport)
4830 BOTSWANA RB 5/2 0512 EG nx, IDs, Abba, into Setswana 0523
fair (Lamb-NY)

4830 VENEZUELA Táchira 4/11 0111 TC, ID, romantic mx (Serra-ITALY)
4/15 0045 ment Ven. tent ID, poor audio (Davenport-TN)

4835 GUATEMALA R Tezulutlán 4/10 0102 Kekchi? rel pgm w/When the
Saints go Marching In, fair (Frodge-MI2) 4/15 0056 FC, pgm
w/YL host, vy good (Davenport-TN)

4845 BRAZIL unid 4/16 1101 gong, anmts, poor w/hum (Davenport-TN)
4845 GUATEMALA Kekchi 4/17 0209 tent w/lang tlk, mx, poss ID,
poor (Serra-ITALY)

4845 MAURITANIA ORTM 4/14 2347 FR/AR Koran, AR mx, poor, on late
for Ramadan (Davenport-TN) 4/7 0002 Koran & phone calls,
good (Levison-PA)

4850t UZBEKISTAN Uzbek R 4/8 1636 chant, tlk, TC, poss ID, nx w/
mx bridges, poor (Serra-ITALY)

4858.3 PERU R La Hora 4/1 1018 Soft instls, ID, tlk, TC, 1023 more
OA instls, 1029 ID (D'Angelo-PA)

4865.1 COLOMBIA LV del Cinaruco 4/17 0225 mx, Esta es LV del Cinaruco
Caracol, mas compania, slogans (Serra-ITALY) 5/4 0535 LA mx
tlk pgm, sev IDs (Robertson-CA) 5/2 0502 tlks (Grenier-NV)
4/15 0005 Caracol promos, echo anmts, ballads (Davenport-TN)

4870 BENIN ORTB 4/8 2248 lite pops, NA to 2301* (Frodge-MI2)
4874.6 IRIAN JAYA RRI Sorong 4/16 1105 IN vcsl, full ID, poor
(Davenport-TN)

4875 BRAZIL R Roraima 4/15 0101 echo anmts, ment Roraima
(Davenport-TN)

4885 COLOMBIA Ondas del Meta 4/15 0310 Caracol promos, weak
(Davenport-TN)

4890 PAPUA NBC reactivated 2000-1400 (Passmann-GERMANY) 5/1 1005
PD tlk, EZL mx, lcl QRN (Peck-NY) 5/6 0946 PNG mx, lang tlk,
drums & bird call, NBC ID, nx (Lamb-NY) 4/10 1050 EG rock mx
IS, ID, nx, wx (Rausch-NJ) 4/9 1048 lite pops, C&W, native
chants, pips, NBC nx 1100 (Frodge-MI2) 4/15 0915 tlk, ID
ment New Guinea (Davenport-TN) 4/22 1015 long tlk abt education
etc (D'Angelo-PA)

4904.9 PERU R La Oroya 4/25 0941 OA vcsl, freq IDs, TCs by chatty
OM between mx (D'Angelo-PA)

4909.7 UNID 4/17 0351 lang tlk, mx, Zambia? (Serra-ITALY)
4910 HONDURAS LV de Mosquitia 4/9 0244 EG gospel mx, chants &
peppy LA mx, fair (Frodge-MI2)

4914.5 PERU R Cora 4/16 1000 ID, anmts, buenas dias, TC (Davenport-TN)
4915 BRAZIL R Anhanguera 4/14 0100 TP, TC, ID & many ment Brazil,
pops, ad string, fair (D'Angelo-PA)

4915 GHANA GBC 4/10 0507 chants, tlk, ment Ghana, Afropops (Serra)
4/28 *0000-0100* EG ID, tlk of Africa, vcsl, talking drums
(Robinson-TN) 4/10 0053 nx, choral mx, closing anmts, NA to
0100* leaving Brazilian (Frodge-MI2) 4/14 2320 lang tlk,
pres nx, Afr mx, poor (Davenport-TN) 4/14 to 0100* Afro vcsl
0045 ID, Highlights of the Nx, TC, good morning, NA, good
(D'Angelo-PA)

4920 ECUADOR R Quito 4/15 0300 ballads, tlk (Davenport-TN)
4925.3v BOLIVIA R San Miguel 4/3 0325 SP church svc w/sermon, 0420
chatter w/IDs, LA mx (Alexander-PA)

4930 DOM REP R Barahona 4/20 1100 ballads, ment Barahona, good,
not hrd at nite (Davenport-TN) Also see below--sp

4930 HONDURAS R Internacional 4/19 0501* ballads, slogan, s/off
ment San Pedro Sula, IS (Lamb-NY) 4/28 0220 all mx pgm format
ballads, pops, brass, EZL, IDs, addr, poss ad (Jordan-PA)
4/21 0410-0503* Caminos de Ayer pgm, romantic vcsl, sev IDs
w/addr, ID, IS (Berg-MA)

4935 PERU R Tropical 4/16 1046 anmts, Andean mx, poor w/ID, lcl
TC (Davenport-TN)

4940 UKRAINE RU 4/10 0447 jazz pgm, IS, ID, tlk (Serra-ITALY)
4949.8 PERU Madre de Dios noted ex-4953.1 (Passmann-GERMANY)
4975 RUSSIA RS Slavyanka 4/11 1613 RS pops, IDs, nx, 1700 ID, addr
phone #, LSB to avoid het (Serra-ITALY)

4980 VENEZUELA Ecos del Torbes 4/17 0303 canned DJ tlk, ID, TC,
promos, ment Tachira, LSB to avoid ute (Serra-ITALY) 4/14
2341 tlk, ID, TC, ment Caracas (Davenport-TN)

4985 BRAZIL R Brasil Central 4/16 0015 pops, lcl promos, echo anmts

- tent ID (Davenport-TN)
- 4990 ARMENIA Yerevan 4/11 1715 mx, Huna Yerevan ID, nx, low distorted audio (Serra-ITALY)
- 5009t MADAGASCAR RTV Malagasy 4/21 sing-song tlk by W, pops & valiha mx, vy poor (Peck-NY)
- 5020.8 NIGER ORTN noted ex-5020 (Passmann-GERMANY) 5/2 0527 FR flute & drum mx, ID, nx, trumpet or conch shell (Lamb-NY)
- 5020 SOL ISL SIBC 4/10 1118 chit chat, low key vcIs, R Happy Isles ID, anmts, NA to 1130* (Frodge-MI2)
- 5025 CUBA Rebelde 5/1 0226 Amer pops, dance & salsa mx (Kilgallen-CA) 4/14 2331 tlk ment Cuba (Davenport-TN)
- 5025 PERU R Quillabamba 4/16 1003 folk mx, tlk, canned IDs, listener greetings (Lamb-NY)
- 5033.6 CENT AFR REP RTVC 4/10 0432 FR tlk, chants (Serra-ITALY)
- 5040t GEORGIA Georgian R 4/17 0323 pops, lang tlk, class mx (Serra)
- 5047 TOGO Rdf Togolaise 4/27 1908 FR tlk abt natl reconciliation, ment Lome & Togo, mx (Serra-ITALY)
- 5050 COLOMBIA LV de Yopal 4/3 0345 anmts, ads, jingles, IDs, salsa (Alexander-PA)
- 5055 COSTA RICA Faro del Caribe 5/4 0546 Be Bop a Lula, ID, QRM from RFO Cayenne (Robertson-CA)
- 5075.1 COLOMBIA Caracol 4/10 0427 tlk, IDs, mx, TC, promos (Serra) 5/4 0559 SP nx abt SAf, mx bridges, sev IDs (Robertson-CA)
- 5895 CROATIA CR 4/21 0140 Croatian rock, ID, nx, instl mx (Lamb-NY)

Were you as shocked as I was to hear the news about Vernon Hyson. The editors join the membership in offering our sympathy to his family. Please support our new distributing editor, John Schmid. Some of you know John thru the SWL Fests. His address is P. O. Box 86, Line Lexington, PA 18932. I haven't talked to John yet but presume his deadline will remain the 10th. My next deadline on Green Street is June 17. If your name doesn't appear on the contributors' page, you'll have to excuse it due to the transition.

This month contributors from 10 states and 2 foreign countries. I hear the DX Daily is on what is hopefully temporary hiatus. Start off your weekend with World of Radio on Friday 2300 via WHRI, 7315 kHz. We are losing some more long standing shortwave broadcasts - SRI's Shortwave Merry-go-Round and Grapevine as well as any broadcasts to North America by Radio Prague. Happy Father's Day.

FOR SALE: Customized Beam Headings (from/to) and Distances (MI/KM) to over 480 WRTH transmitter sites including new Russian Republics. ITU Country Codes included. Send your location or coordinates, \$6.95. NASWA Journals '91 and '93 complete, \$10.50 a year or \$20.00 for both. WRTH '91, \$8.95; '93, \$9.95. "Passport to World Band Radio" '92, \$7.95. All items include shipping (overseas shipping extra). Cashiers check or money order, please. Al Drehmann, Route 2, Box 3-B, Tryon, NC 28782. Phone (704) 894-3398, not collect.

FOR SALE: NRD-525 in mint condition. Includes standard JRC 2.3 filter plus the following options: Murata 4.0 filter, JRC 1.8 and 1.0 crystal filters, NVA-88 speaker, CMH-532 computer control board, serial cable, and Bandview (receiver control and logging program). Great DX rig! Price \$825.00. Bob Schoenleber, 310 Yardley Commons, Yardley, PA 19067. Phone (215) 493-1019.

WANTED: Battery compartment cover for Sony ICF-5900W. This is a late 1970's portable which used crystal-calibrated tuning. Also looking for a manual for this radio. Larry Gilbert, 2602 Amapola Drive, Davis, CA 95616. Phone (916) 758-5025.

International Band Loggings

Wallace C. Treibel
357 N.E. 149th Street
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- 5920 FRANCE RFI in FR/SP 0045, instrml mx, into SP 0100, nx, g (Davenport TN 4/21)
- 5920 CROATIA Croatian R in CR 0600, tlk, lcl pop mx, EG, nx 0605, //9830 (Alexander PA 4/23) in CR/EG 0731, phone tlks, IDs, mx, pipe, nx, wx (Serra ITALY 4/15)
- 5930 SLOVAKIA Slovak R in EG 0100, nx, business nx, press review (Paszkievicz WI 4/21)
- 5955nf SO AFRICA Channel Africa in EG 0330, "Dateline Africa", TC, IS (Rausch NJ 4/21)
- 5960 CANADA RCI Sackville in EG 2210, tlk w/journalist by phone in Rwanda (McGuire MD)
- 5995 AUSTRALIA RA in EG 1255, pop mx, ID, feature on satellite coverage in Asia—not allowed in Malaysia - corrupts the youth! (Newbury OR 4/9, Grenier NV 5/8)
- 59953 PERU R Melodia in SP 1010, ad, TCs during mx, ID (Paszkievicz WI 4/30)
- 6000 BRAZIL R Guaiba in PT 0923, rel tlk, class mx, ID, fqys, ad, g (Lamb NY 5/6)
- 6015nf? BELGIUM R Vlaanderen Int in EG/DT 0655*, DX pgm, ID, fqy, IS, f (Serra 4/16)
- 6015 CANADA R Austria relay in GM/EG 0625, ID, pol nx, mx, IS, into EG 0630, "Report from Austria" (Robertson CA 5/4, McGuire MD 4/20)
- 6025 NIGERIA R Nigeria in EG 2310*, relig pgm, Nigerian pledge, NA (Frodge MI 4/9)
- 60452 PERU R Santa Rosa in SP 0952, mx, speech, ID, brass band, some vocals, TC, mention Lima (Paszkievicz WI 4/22, D'Angelo PA 4/1)
- 60499 NIGERIA R Nigeria in EG 2306*, lcl EG church svce, nx, NA, p (Alexander PA 4/2)
- 60553 PERU R Continental in SP 0213, nx re disappeared official, f (Kilgallen CA 5/1)
- 6060 AUSTRALIA RA in EG 1209, nx, "Charting Australia", //6080 (Frodge MI 4/10)
- 6075 GERMANY Deut Welle in GM 0000, nx, interviews, p (Jordan PA 4/26)
- 60898 NIGERIA R Nigeria in Hausa? 2300*, tlk, folk mx, p w/splatter (Alexander PA 4/2)
- 6095 VATICAN STATE VR in EG 0252, speech by Pope John Paul II, g (McGuire MD 4/21)
- 6100nf NEW ZEALAND RNZI in EG *0735, ID, relay National Radio pgms (Rausch NJ 5/1)
- 6135 SWITZERLAND SRI in EG 0115, Red Cross features on Rwanda/Bosnia (McGuire 4/29)
- 6195 CYPRUS BBC relay in EG 0220, rpt on Rwanda, ID, press review, g (Mayer PA 5/1)
- 62817 PERU R Huancabamba in SP 0305*, anmts, IDs, ballads, huaynos, NA (Alexander 4/3)
- 7100nf IRAN VOIRI in EG *0030, ID, prayer, nx, instrmls, f/o 0050 (Jordan PA 5/8)
- 7130 GERMANY Deut Welle in GM 0040, folk mx, ID, nx, pop mx, Ham QRM (Mayer PA 4/17)
- 7135 GABON R France Int relay in FR 0413, tlks, mx, nx, ID, exc (Robertson CA 5/4)
- 7175 ITALY RAI Rome in IT 0954, pop mx, sports nx, //21775 (Serra ITALY 4/17)
- 7180 CYPRUS BBC relay in EG 2319, cmntry on Canada-US wheat trade row (Lane ONT 4/20)
- 7180 HONG KONG BBC relay in EG 1500, horse race recap, 16-1 longshot (Newbury OR 4/9)
- 7185 SO AFRICA Channel Africa in FR 0435, Afr drums/chants/vcls, ID (Robertson 4/25)
- 7230 ITALY ANR Europe in IT 1033, feature, "Parole e Musica" (Serra ITALY 4/10)
- 7230nf? UNITED KINGDOM R Japan relay in EG 0727-0759*, variety show, "Women from Japan", pop mx, IDs, QTH, nx summary, fqy, //5975 (Serra ITALY 4/16)
- 7234 ZAMBIA ZNBC #2 Lusaka in EG *0300, NA, ID, African nx, f-p (Lamb NY 5/4)
- 72394nf BULGARIA RB in BG? *0159-0359*, IS, ID, tlk, folk mx, f w/QRM (Alexander PA 4/2)
- 7265 BOTSWANA VOA relay in EG 0434, "Daybreak Africa", ID, f-g (Robertson CA 5/4)
- 7275 GERMANY Deut Welle in GM 2312, ID, nx, tlk on Mideast (McGuire MD, Mayer PA 4/21)
- 7280 BOTSWANA VOA relay in EG 0417, "Newslines", ID, f (Robertson CA 4/25)
- 7295 PORTUGAL VOA relay in Slovak/EG 0403, nx to E Eur, ID, Ham QRM (Robertson 4/25)
- 7375 COSTA RICA RPPI in EG 2332, G Hauser DX rpt, nx, cmntry (Levison PA 4/17)
- 7455 GUAM KSDA AMR in EG 1615, "DX Asiawaves", p (Placanica ITALY 4/2)
- 9165 SUDAN R Ondurman in AR 0245, march mx, pipe, ID, tlk, prayers?, f (Mayer PA 4/23)
- 9400usb COSTA RICA RPPI in SP/EG 0850-0935, SP pops, nx, ID, into EG, pgm on F.I.R.E or Feminist Intl Radio Endeavor, rpt on their Vienna conf June 93 (Jordan PA 4/24)
- 9445 TURKEY VOT in EG *2200-2250, nx, cmntry, feature on TK history, TK mx, nx, ID, //11710 (Jordan PA 5/1, McGuire MD 4/19)
- 9480nf USA VOA Greenville in FR 0609, nx on Rwanda killings, ID, IS, also hrd xmns in PT *0430 w/nx on Bosnia, into Hausa 0500 (Robertson CA 5/4, 5/8)
- 9530 SINGAPORE R Singapore Intl in EG 1158, C&W mx, oldies, ID, lcl TCs, history pgm, QTH (Paszkievicz WI 4/2) in EG 2300, nx, econ rpts (Placanica ITALY 4/18)
- 9535 JAPAN RJ Tokyo in EG 1500, nx, ID, former Pres Bush in Korea (Newbury NE 4/18)
- 9540 SPAIN REE in EG 0140, "Entertainment in Spain", IDs, SP lesson, g (Lamb NY 5/11) in SP 0230, pgm sked, fqys, ID, QTH, g (Kilgallen CA 5/1)
- 9550 CUBA RHC in SP 0230, rpts on S Africa elections, May Day in Cuba (Kilgallen 5/1)
- 9570 ROMANIA RRI in EG 0220, interview w/Israeli Foreign Min Peres (McGuire MD 4/25)

9575 ITALY R Roma in SP 0236, Italian mx to South America, f (Kilgallen CA 5/1)
 9575 MOROCCO R Medi Un in AR 1900, ID, ancmts, AR mx mix (Urbelis NY)
 9580 YUGOSLAVIA R Yugoslavia in EG *0000, IS, nx, cmntry, ID, tlk on "war-mongering"
 Western press/ Bosnia "peace" tlks (Alexander PA, Mayer PA 4/23, McGuire MD 4/21)
 9595nf? YUGOSLAVIA R Yugoslavia in EG *2100, IS, nx, cmntry, mx, //7265 (Alexander 4/23)
 9605 UNITED ARAB EMIRATES Abu Dhabi in EG 2220, readings from Koran, Capital R xmsn, g
 (McGuire 4/22) in EG 2373, ID, QTH, mx, req QSL rpts (Mayer PA 4/22)
 9610 TAIWAN BCC Taipei in CH 1235, sporting event, ads, ID, f-g (Lamb NY 4/30)
 9620 SPAIN REE in SP 0240, role of church, relig festivities, g (Kilgallen CA 5/1)
 in SP 1850, ballads, sked for Lat Amer, nx, QRM RCI, f (Frodge MI 4/8)
 9620 YUGOSLAVIA R Yugoslavia in EG *2030, IS, nx, cmntry, mx, QRM REE (Alexander 4/23)
 9640 ALGERIA V of Free Sahara in SP 2200, pol nx, cmntry, IDs, some mx (Urbelis NY)
 9675 BRAZIL R Cancao Nova in PT 0420, rel sermons, BR mx, ID, TC, prayer (Serra 5/1)
 9685 UKRAINE RUI in EG 0015, national & political nx, ID, g (McGuire MD 4/21)
 9690 ROMANIA RRI in FR 2048, slo RM ballads, tlk, ID, fqys, IS, QRM Deut Welle, f-p
 (Peck NY 5/1) in EG 2133-2156*, rel poetry rdngs, ID, mail, IS, g (Mayer PA 4/30)
 9700 BULGARIA R Sofia Int in FR 0311, BG folk dances, chorus, ID, nx, g (Peck NY 4/21)
 9705 GERMANY RFE/RL in RS 0838, polit tlk, IDs "N Svoboda", mx (Serra ITALY 4/9)
 9760 ALBANIA R Tirana in AL 0145, tlk, folk mx, NA 0155, IS, g (Peck NY 4/21)
 9805 FRANCE R France Int in EG 1219, tlk re N Korean nuclear arms, //15530 (Lane ONT)
 9820nf CUBA RHC in SP/EG *0059, ID, nx, Cuban mx, into EG 0159, g (Lamb NY 5/12)
 9835 HUNGARY R Budapest in HG *0000, IS, ID, rpts on HG-GM summit & church conf in BP,
 (Mayer PA 4/22) in EG 0100, class mx, ID, sked, polit nx, g (McGuire MD 4/21)
 9840 VIETNAM VoV in EG 1015, Asian nx, VT pop mx, into IN 1030, p (Peck NY 5/1)
 9860 UKRAINE RUI in EG *0300, nx, cmntry, folk mx, //12030 (Alexander PA 4/24) in UK
 0220, folk songs, tlk, ID on half hr, nx (Jordan PA 4/28, Peck NY 4/21)
 9860nf AUSTRALIA RA in EG 1047, "Background Report", ID, fqys, promo, nx (Lamb NY 4/16)
 9885 SWITZERLAND SRI in GM 2240, pgm re minorities in Europe, ID, fqys, pips, into IT
 at 2300, g w/QSB (Mayer PA 4/30)
 9885 BOTSWANA VOA relay in EG 0315, "Daybreak Africa", //7265 (Rausch NJ 4/21)
 9900 EGYPT R Cairo in AR 0205, tlk, ID, nx re Bosnia, garbly modul (Peck NY 4/21)
 9900nf? TURKEY VOT in TK? 2000-2050*, tlks, nx?, upbeat mx, IDs, pips, NA? (Jordan 5/1)
 9930 HAWAII KWHR Naalehu in EG 1257, relig pgming & mx (Grenier NV 5/8, Newbury NE)
 9955 USA WMMI Miami in EG/SP 2230, IDs, req rpts by mail or FAX, exc (Berg MA 4/7)
 9960 LEBANON Wings of Hope in EG 0125, Dr Gene Scott sermon, lite jazz (Alexander 4/1)
 10035nf? UKRAINE RUI in EG *0000, IS, ID, pgm on Chernobyl, lots of //s, g (Lamb NY 4/27)
 10330 INDIA AIR in Burmese 1130, nx, tlk, Hindi mx mix (Urbelis NY)
 11595 GREECE R Macedonia in GK 1200, nx, lcl info, IDs, GK mx mix (Urbelis NY) in GK
 1853, ballads, tlks, f-p w/rapid QSB (Peck NY 5/1)
 11645 BULGARIA R Bulgaria in EG 2138, interview w/US Fulbright administrator, tlk abt
 Jehovah's Witnesses in Bulgaria, IDs, g (Mayer PA 4/22)
 11680 FRENCH GUIANA China R Int relay in CH 0356, dialog over mx, into EG 0400, TP, IS,
 ID, nx headlines re S African elections, f -g (Robertson CA 5/4)
 11715 CANADA R Korea relay in EG 1030, tlk on nukes, peace tlks, ID, f (Peck NY 5/1)
 11715 MALI China Radio Int in EG 0335, mail, tlk re CH films, //9780 (Grenier NV 4/25)
 11720 UKRAINE RUI in EG *0000, nx, cmntry, UK Diary, folk mx, many //s (Alexander 4/24)
 11750 SINGAPORE BEC relay in EG 1505, world nx, IDs, "Concert Hall", sports (Lamb 4/30)
 11755 FINLAND RF in FN 1044, IS, ID, nx, wx, tlk, //15240 (Serra ITALY 4/17)
 11765 BRAZIL R Universo in PT 0130, BR pops, IDs, TC, ancmts, //9565 (Urbelis NY)
 11770nf LITHUANIA R Vilnius in EG/Lith 2300, ID, nx, into Lith 2305, f (Alexander PA 4/1)
 11780 BRAZIL RN da Amazonia in PT 2330, BR pops, lcl promos, ID, g (Davenport TN 4/13)
 11800 AUSTRALIA RA in EG 1253, "Background Report", feature on Asian-Aussie satellite
 communications (Frodge MI 4/9) in EG 1506, nx, mx from Aussie films (Grenier NV)
 11885 UNITED ARAB EMIRATES Abu Dhabi in AR 1130, clear ID, AR mx mix (Urbelis NY)
 11885 JAPAN RJ Tokyo in JE/EG 0550, lang lesson, ID, QTH, mx pgm, g (Robertson CA 5/5)
 11900nf NEW ZEALAND RNZI in EG *0459, IS, ID, cricket match (Rausch NJ 5/1)
 11900nf FINLAND RF in EG *1230-1300*, IS, ID, "Compass North", "Business Report", press
 reviews, "Close-up of Finnish Life", //15400, f (Jordan PA 5/9)
 11915 BRAZIL R Gaucha in PT 2230, hyper-speed play-by-play of soccer game, singing ads,
 promos, f w/fade out 2245 (Jordan PA 4/23)
 11925 BRAZIL R Bandeirantes in PT 0020, ads, fqy, QTH, feature, f (Jordan 4/23)
 11925 ECUADOR HCJB Quito in EG 0558, relig pgm, ID, fqy, TP, feature (Robertson CA 5/5)
 11925 NORWAY RN in NO 2310, interview, speech, into R Denmark relay 2330 (Jordan 4/26)
 11940 ROMANIA RRI in EG 1308, nx, "Frankly Speaking", features, f (Frodge MI 4/10)
 11940 JORDAN R Jordan in AR 2355, prayers, ID, nx, more prayers (Jordan PA 4/28)
 11950 UKRAINE RUI in EG *2100-2200*, nx, cmntry, folk mx, IS, ID, special pgming re
 Chernobyl (Alexander PA 4/24, Lamb NY 4/26, Newbury NE 4/15)

12005 TUNISIA RTV Tunisienne in AR 1930, all AR info/nx, AR mx, lo audio (Urbelis NY)
12025 TAJIKISTAN R Nederland relay in EG 0201, "Accent on Asia", nx, "Research File",
//9860, Alma Ata site in use during repairs in Dushanbe (Lamb NY 4/26, Urbelis)
12030 UKRAINE RUI in EG *0300, IS, IDs, "Ukraine Today", "Close Up", f (Lamb NY 4/26)
12045 RUSSIA Deut Welle relay Samara in EG 0233-0250*, "Economic Notebook", jazz mx,
Fqys, ID, IS, f (Lamb NY 4/30)
12075 RUSSIA R Alef Balashikha in RS *1600, trumpet melody, clear ID, nx (Berg MA 4/24)
12085 SYRIA R Damascus in EG *2107, AR mx, NA, ID, //15095 (Lamb 4/14, McGuire MD 4/26)
In FR/EG 1950, lcl pop mx, instrml dance mx, tlk by YL, p, ID in EG (Peck NY 5/1)
13620 KUWAIT RK in AR 1329, AR mx, IDs, historical feature, f-g (Lamb NY 4/30)
13625 NO MARIANAS KHBI Saipan in EG 1314, "CS Sentinel", sci & health, f (Lamb 4/30)
13680nf BULGARIA VOA relay Plovdiv in EG 1801, nx, "Agriculture Today", f (Lamb 4/16)
13700nf CUBA RHC in EG 0100, ID, nx, tourism feature, mx, USB fqy, g (Lamb 5/12)
13755 AUSTRALIA RA in EG 1406, world nx, IDs, tlk on Aussie culture, f (Mayer PA 4/22)
13780 GERMANY Deut Welle in GM 1420, rpt on unemployment, ID, nx, f-p (Mayer PA 4/22)
13830 CROATIA CR in lang/EG 2100, tlk, local pop mx, EG nx, //9830 (Alexander PA 4/24)
15008 VIETNAM Vov in EG 1344-1356*, tlk, flute mx, ID, back in lang 1400 (Mayer 4/25)
15155 FRANCE RFI in FR 1216, interview re UN in Bosnia, //15530 (Lane ONT 4/15)
151673 SOCIETY IS RFO Tahiti in FR/TT 0305, tlk, pop mx w/elec organ, f (Peck NY 5/2)
15220 NORWAY RNI in NO 1716, Mariah Carey w/Harry Nilsson song, pops, IS (Lamb 4/23)
15220 ITALY RAI in Somali *1640-1656*, bird IS, bells, ID, nx, IT pops, f (Lamb 4/23)
15250 SRI LANKA VOA relay in EG 0122, "Newslines", VOA Tuesday Morning, f (Lamb 4/23)
15270 TAIWAN VOFC Taipei in SP 1602, "Musica Popular Taiwanese" (Placania ITALY 4/17)
15360 SINGAPORE BBC relay in EG 0909, stock market report by W, ID (Grenier NV 4/26)
15385nf USA KJES Vado, New Mexico in SP 2000, SP Bible pgms, ID (Urbelis NY)
15390 ASCENSION IS RAI via BBC relay in IT *0130-0230*, bells, IS, ID, nx, fqys,
interview, mx, //11765 (Jordan PA 4/29, D'Angelo PA 4/22)
15390 ASCENSION IS BBC relay in EG/SP *0243, IS, ID, "Speaking of English" (Lamb 4/25)
15400 FINLAND RF in EG 1341, press rpts re EU membership & gun controversy, pgm on
Christianity in Finland, g (Mayer PA 4/22)
15425 PHILIPPINES VOA relay in EG 1406, nx, ID, "Music USA Jazz", f (Lamb 4/30)
15460 BULGARIA R Bulgaria in EG 1414, ID, mailbag, folk mx, f-g (Mayer PA 4/25)
15505 SWITZERLAND SRI in EG 1503, rpt on competition in Swiss watch industry from Asia,
ID, into FR 1530, f (Mayer PA 4/21)
15530 FRANCE RFI in EG *1200-1300*, world/FR nx, sports recap, pgm on art (Jordan 4/28)
15545 BELGIUM RVI in EG *1300, ID, nx, wx, "Radio World", rock, tourism, QTH (Lamb 5/7)
156149 ISRAEL Kol Israel in HB 1353, nx, ID, mx, ads, jingles, pips (Serra ITALY 4/10)
15640 ISRAEL Kol Israel in EG 1904, tlk on Gaza & Jericho control, ID, g (Peck NY 5/1)
156742 PAKISTAN RP in Urdu 1342, vcls, tlk, ID, //11570, 13590 (Serra ITALY 4/10)
17490 ECUADOR HCJB Quito in EG 2130, USB xmsn, classical mx, ID 2158, g (Peck NY 5/1)
17510 HAWAII KWHR Naalehu in EG 0328, pgm of gospel mx (Grenier NV 4/25)
17535 GREECE VoG in EG/GK 1343-1351*, nx in EG, ID, into GK pop mx, g (Mayer PA 4/23)
17560 GERMANY Deut Welle in GM 1500, ID, nx, rpt on May Day in Russia, f (Mayer 5/1)
17575 ISRAEL Kol Israel in EG 2133, nx, "Calling All Listeners", DX pgm (Lamb NY 4/25)
17595 MOROCCO RTVM in EG/FR 1452, US pops, into FR 1500, ID, nx, relay of domestic
"Musique FM", jingles, f (Lamb NY 5/1)
17630 GABON Africa #1 in FR 1312, Afro pop mx, Afro sports pgm (Serra ITALY 4/10)
17695 FRANCE RFI in EG 1435-1457*, rpt on Rwanda, mailbag, IDs, some mx (Mayer PA 5/1)
17795 AUSTRALIA RA in EG 0438, coverage of Auckland/NSW rugby match, f (Lamb NY 5/1)
17855 UNITED ARAB EMIRATES Abu Dhabi in AR 0900, AR songs, fqy, full ID (Serra 4/10)
17860 AUSTRALIA RA in EG 0448, "Correspondents' Report", organ mx, ID, f (Lamb 5/1)
21520 PAKISTAN RP in EG 0830, chants, tlk, ID, fqy, distorted audio (Serra 4/10)
21630 UNITED ARAB EMIRATES Abu Dhabi in AR 0837, relig? tlks, ID, vcls (Serra 4/10)
21655 PORTUGAL RDPI in PT 0920, folk mx & songs, several //'s (Serra ITALY 4/10)
21725 AUSTRALIA RA in EG 0830, "People on the Cross", IS, ID, pips 1000, nx, QRM splash
from Vatican Radio 21730 (Serra ITALY 4/10, Placania ITALY 4/15)
21730nf? VATICAN STATE VR in IT 1003, vy long St Peter's chimes, Laudetur Jesus Christus,
ID in several langs, Pope's speech & prayers, many //'s (Serra ITALY 4/10)
21775 ITALY R Roma 1 in IT 1022, pops, ads, //6060 plus MW outlets (Serra ITALY 4/10)
21800 UKRAINE RUI in UK 1247, interview re UK politics, pope, IS, ID, nx (Serra 4/10)

CLANDESTINE STATIONS

11800nf Nat R for the Dem Arab-Sahara Rep in AR 2350, lcl AR type rustic vcl mx, lite
instrml mx, insto SP after 2356, f/o 0110, ex 11320 (Alexander PA 4-2/3)

English Schedules

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Prepared 5/24/94 at 8:52 PM.

For May and June, thanks to John Carson (OK), Dan Ferguson (VOA), Bob German (George Jacobs & Assoc), Joe Hanlon (PA), Hans Johnson (MD), Jonathan Marks (R Netherlands), Dr. Adrian Peterson (AWR) and Andy Sennitt (WRTH).

Many thanks to Ralph Brandi for picking up the ball last month to get the schedules printed. Ralph continues to bail me out of corners when I forget to do things and run into conflicts. Our comments didn't make it into the *Journal* last month.



Surprise! We found *Media Roundup* on 5960 at 0125 on UT Mo April 11. Contrary to the NHK-printed schedule,

the English hour via Sackville did not flip-flop to the 03 UT time period as it did in years past when NAM goes to Daylight time.

Radio Budapest offers three "DX" shows during the week: *DX World* (Su 1920, Mo 0250, We 1920, Th 0120); *DX News* (Mo 1920, Tu 0120, Fr 2120, Sa 0250, Sa 2150, Su 0250); and *DX Tips* (Tu 1920, We 0120).

R Moscow *World Service* frequencies listed last month were observed March 27 through April 1, between 10 and 07 UT. (There don't seem to be any significant changes as of early May.) I used the NRD-535D and a TS-940S with a variety of wire antennas. Your mileage may vary. Most of the R Ukraine Intl frequencies listed are those heard here; the announced schedule is incomplete. In addition to the oddball 10035, I found 15010 in use around 18-20 UT... but not in English. These may be mixing products generated at the transmitter site. (Vietnam has drifted down to 15008.85 or so.)

By the time you read this, Swiss Radio International will have undergone major changes from June 6.

No doubt you've heard the announcements on SRI programs and the feature on RN's *Media Network*. The English service has been organized changed to a 24-hour European satellite service of one-hour program blocks; 30 minutes of news, 30 minutes of features. The overseas SW service will not be discontinued, but we'll hear only the first 30 minutes. Unfortunately, *Grapevine* and *Merry-Go-Round* are gone. Some kind of listener contact program will replace the former and the MGR producers may produce some kind of "media" show. There's been a lot of discussion on *rec.radio.shortwave* about the loss of feature programming on shortwave, but the die is cast and it doesn't appear that any amount of mail or faxes will reverse the changes.

WRMI, Miami, gets closer to getting back on the air as problems with the transmitter's 12th harmonic are resolved. Watch 9955 for regular operations commencing soon. Jeff White's *Radio Copán International*, Honduras, carries a daily English-language mailbag show M-F at 2215-2230 on 15675v; the Friday show emphasizes DX information.

New! Our Schedules program now sends frequency and mode data to the AOR AR-3000 receiver. A power field, in addition to the azimuth, has been added to the on-screen display. Download or write for a catalog.

Wanted! Station graphics suitable for scanning. Anyone have a R Moscow/CIS graphic? You seen what I am looking for on last month's cover page. Thanks.



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SCHEDULES BY SUBSTATION

START END	COUNTRY	STATION	FREQUENCIES									TARGET AREA	NOTES	LAST UPDATE
0000														
0200	Cuba	R Havana	137000	6010								eNAm		05/12/94
0100	Ukraine	R Ukraine Int'l	15580	15180	12030	11720	10035	9860	9685	7285		NAm/Eu	as obs	04/24/94
0030														
0130	Iran	V of Islamic Rep of Iran	9022	7100	6175							NAm		05/07/94
0100														
0159	Canada	R Canada Int'l	11940	11845	9755	9535	6120					Carib/LAm/NAm		05/01/94
0150	Germany	R Deutsche Welle	11865	11740	9700	6145	6085	6040				NAm		05/06/94
0140														
0200	Vatican State	Vatican Radio	9650	7335								As/Aus/NZ		04/24/94
0200														
0400	Cuba	R Havana	9820	6010								cNAm/eNAm		05/12/94
0250	Germany	R Deutsche Welle	15185	12045	11965	11945	9690	9615	9580	7285	1548	sAs		05/06/94
0300														
0350	Germany	R Deutsche Welle	11750	9700	9640	9535	6185	6085				NAm		05/06/94
0400	Ukraine	R Ukraine Int'l	15580	15180	12030	11720	10035	9860	9685	7285		NAm/Eu	as obs	04/24/94
0330														
0700	United Kingdom	BBC World Service	15575									eAf	Yemen crisis	05/07/94
0400														
0500	Cuba	R Havana	9820	6180	6010							cNAm/eNAm	#1 -0430	05/12/94
0500														
0700	Cuba	R Havana	9820									wNAm		05/12/94
0515	Switzerland	Swiss R Int'l	6165	3985								Eu		04/23/94
0600														
0630	Switzerland	Swiss R Int'l	15430	13635	9885							Af		04/23/94
0630	Switzerland	Swiss R Int'l	6165	3985								Eu		04/23/94
1600	USA	VOA Europe	1197									Eu		05/03/94
0700														
1400	Papua New Guin	Natl Broadcasting Comm	4890									PapNG		05/07/94
0830														
0900	Austria	ORF	17870	15450								Aus		04/25/94
0930														
1000	South Korea	R Korea	13670									Eu		05/10/94
1000														
1030	Switzerland	Swiss R Int'l	9535	6165								Eu		04/23/94
1100														
1150	Germany	R Deutsche Welle	21600	17860	17800	17765	17715	15410	15370			wAf		05/06/94
1200														
1300	France	R France Int'l	17575	13640	13625							NAm/CAm/SAm		05/22/94
1300	France	R France Int'l	15325	15180	15155	9805						eEu		05/22/94
1715	United Kingdom	BBC World Service	9515									NAm		05/22/94
1230														
1300	Bangladesh	R Bangladesh	13620									Eu		05/19/94
1300	Switzerland	Swiss R Int'l	9535	6165								Eu		04/23/94
1300														
1400	Romania	R Romania Int'l	17720	15365	11940							Eu		05/04/94

SCHEDULES BY SUBSTRON

START	Country	STATION	FREQUENCIES						TARGET AREA	NOTES	LAST Update	
1335	Greece	V of Greece	17520	15630					NAm	News/Eng	05/22/94	
1400	France	R France Int'l	17695	17560					Eu/ME		05/20/94	
1455	France	R France Int'l	11910						As/Oc/India		05/20/94	
1700	Tajikistan	R Tajikistan	7245	1143	648				As		04/24/94	
1500	Germany	R Deutsche Welle	21600	17800	11965	9735	7185		s&c&eAI/ME		05/06/94	
1530	Switzerland	Swiss R Int'l	15505	13635	11960				sAs		04/23/94	
1600	France	R France Int'l	17850	17795	17620	15530	12015	11700	11615		05/20/94	
1630	Yemen	Rep of Yemen R	7190	6005					AF ME		05/07/94	
1700	Pakistan	R Pakistan	11570	7485					wEu		05/20/94	
1900	Germany	R Deutsche Welle	15350	13790	13690	11810	11785	11740	9735	9640	05/06/94	
1950	Romania	R Romania Int'l	11940	11810	9750	9690			wAI/ME Eu		05/04/94	
1930	Iran	V of Islamic Rep of Iran	11965	9022					Eu/nAI		05/07/94	
2000	Papua New Guin	Natl Broadcasting Comm	4890						PapNG		05/07/94	
2030	Canada	R Canada Int'l	17875	17850	17820	15325	13670	13650	7235	5995	05/22/94	
2059	Moldova	R Dnestr Int'l	15290	999					AI/ME/Eu		04/30/94	
2059	South Korea	R Korea	5965						Eu		04/24/94	
2059	South Korea	R Korea	9640						seAs		04/24/94	
2059	South Korea	R Korea	9870						ME/AI		04/24/94	
2100	Cuba	R Havana	17760						Eu/AI/ME		04/23/94	
2200	Romania	R Romania Int'l	11940	9750	9690	7225			Eu		05/04/94	
2200	Russia	R Moscow Int'l	15290	12065	11920	11805	11760	11730	9880	9510	7380	7280
2200	Ukraine	R Ukraine Int'l	12030	11950	11780	11705	11610	9640	World Service			05/11/94
2200	Ukraine	R Ukraine Int'l	7285	7240	7150	6090	6020	4825	Eu	as obs > 9 MHz		04/25/94
2130	Yugoslavia	R Yugoslavia	9595	7265					Eu Aus	as obs < 9 MHz		04/23/94
2103	Croatia	Croatian Radio	13820	9830								04/29/94
2200	Cuba	R Havana	9550						Carib/sUSA			05/20/94
0700	Papua New Guin	Natl Broadcasting Comm	9675						PapNG			05/07/94
2300	Russia	R Moscow Int'l	15290	12065	11805				World Service			05/11/94
2229	South Korea	R Korea	9640						seAs			04/24/94
2400	United Arab Emir	V of UAE	13675	11885	9770				NAm			05/20/94
2230	Canada	R Canada Int'l	13670	9755	5960				Carib/LAm/NAm	Sa-2259/Su-2259		05/04/94
2240	Greece	V of Greece	11645	9425					AusNZ	News/Eng ex Sa		04/24/94
2300	Japan	R Japan	6155	5965					GOS:Eu			05/01/94
2335	Greece	V of Greece	11645						SAm/CAm	News/Eng ex Sa		04/24/94

the page

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Valencia: 24 de Agosto de 1936

Acusamos recibo de su amable reportaje del 2 de Agosto de 1936 hecho la verificación, certificamos que Ud. oyó nuestro programa del 2 de Agosto de 1936 en 8520 Kc.

Le damos nuestras expresivas gracias por su fina atención

Por Radiodifusora LA VOZ DE CARABOBO

Ortuta Joggiano C.

CPRV was honored recently to be the recipient of the very large QSL collection of Carroll Weyrich of Baltimore. Those who were around back in the 1950's will remember Carroll as an active medium wave DXer and a longtime contributor to, and staff member of, the Newark News Radio Club. He has many rare QSLs from MW stations, both foreign and domestic, his first one being from 1925. Carroll also has a very nice collection of SWBC QSLs. Most of his radio listening was done in the period 1930-1955. All his QSLs have been donated to the CPRV, and these are a few of the attractive cards among his Latin American shortwave verities. Note the out-of-band frequencies on all of these: 8404, 6520 and 10350 kc. I am pleased to report that Carroll is 83 years young and in good health.

ARGENTINA

Agradecemos su informe referente a nuestra transmisión. El transmisor "L S X" está instalado en Monte Grande, cerca de Buenos Aires y emite en la frecuencia 10.350 Kc. (2505 mts) potencia en la clase B.

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ISSN 0160-1989

The Journal of the
North American Shortwave Association

Executive Director: Bob Brown, KW3F
238 Cricklewood Circle, Lansdale, PA 19446
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Levittown, PA 19057
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