

# SPEEDX

The Bulletin for the Shortwave Hobbyist

## PROCEEDINGS 1991

This year's **Proceedings** is available now!

Highlights include:

Reviews of the Racal RA-17, the Icom R-9000, the McKay Dymek DR-333, and the Philips DC-777, as well as a review of the Icom R-71A from a 1991 perspective.

An insightful follow-up to last year's study of tropical band propagation, and a detailed look at long and bent-path propagation.

A detailed study of modifications for the JRC NRD-525.

Insights into the Beverage antenna.

An interview with legendary "shortwave mentor" Hank Bennett.

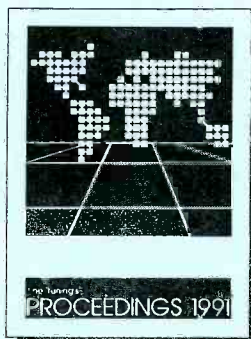
International mediumwave DXing from the East Coast of North America.

The Bolivian shortwave scene.

And more.

It's \$19.50 (plus shipping: \$2.00 in North America, \$3.00 int'l surface, \$15.00 int'l air), from:

Fine Tuning Special Publications  
c/o John Bryant  
RRT #5, Box 14  
Stillwater, OK 74074

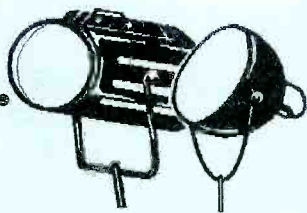


SEPTEMBER, 1991

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# Spotlight on...



edited by: John Trautschold

354 N. Winston Drive

Palatine, IL 60067-4132 U.S.A.

(using the Atari 1040ST & Stacy 4 computers & SLM605 laser printer....)

## TOTAL CONTRIBUTORS FOR SEPTEMBER 1991: 53

8 BABIN, ROBERT	MA	NRD535D	7 JOHNSON, TIM	IL	R5000
4 BAGOZZI, STEVE	CA	FRG8800	4 JONES, ANTHONY	TN	ICF2010
9 BELLOVICH, JOHN	FL	ICF2010	1 KISELYOV, STANLEY	UR	DX440
7 BISHOP, FORREST	NY	RF4800	3 KYBURZ, PHIL	CO	
4 BRAME, DANIEL	IL	ATS808	1 LANNUIER, PAUL	NJ	
1 BREWER, DON	KS	ICF2010	2 LEADER, PATRICK	IR	D2935
4 BROWN, EDWARD	IL	ICF6800W	5 LEWIS, YOLANDA	IL	
2 CARD, PETER	RI	NRD515	2 LUECK, WILLIAM	WI	S-108
3 CARSON, JOHN	OK	NRD525	1 LUKAS, HANK	NY	ICF2010
7 CICHOREK, EDWARD	NJ	R5000	7 MILLARD, THOMAS	TX	R5000
1 COLYARD, ROBERT	NJ	R2000	1 MONTEGAZZA, VITTORIO	IT	
7 D'ANGELO, RICHARD	PA	IC-R71A	7 NEFF, GEORGE	FL	RF2600
2 DOME, GREG	TX		1 PENNISI, LOUIS	NJ	DX440
4 EVANCHUCK, STEVE	OH		3 ROBINSON, BETSY	TN	IC-R71A
1 EVANS, JAMES	TN	IC-R71A	3 SAARIKKO, LARRY	NY	
2 FAMULARO, RALPH	JP	ICF6000A	1 SCHULSINGER, MIKE	OH	R5000
9 FINDLATER, JOHN	CA		1 SEIDEN, MARK	FL	IC-R71A
4 FLYNN, WILLIAM	OR	R2000	1 THORNTON, DON	NJ	NRD525
4 FRASER, BOB	MA	ICF2003	4 TRESCHER, FRED	PA	ICF2010
3 FUJIMA, YASUO	CA	NRD525	1 VALENTINE, F.A.	CA	IC-R70
4 GAHARAN, CHARLES	LA	FRG8800	2 WAKEFIELD, PAUL	IA	ICF2010
2 GLOCK, VICTOR	CA	R600	1 WATTS, R.C.	KY	
1 GUNTER, JOHN	NC	R2000	1 WEBER, JACK	OH	
4 HANKISON, RICHARD	KS	R5000	4 WESTENHAVER, WILLIAM	PQ	ICF2010
6 HART, GERALD	MN	NRD535D	1 WILLERS, STEVEN	SW	NRD525
4 HARVEY, SHELDON	PQ	R5000	2 WOLFSON, MIKE	NH	5000
1 JANUSZ, EDWARD	NJ	IC-R71A			

### SEPTEMBER FULL MEMBER LIST:

Another good month here at SPOTLIGHTS! Thanks to the following two SPEEDX members who have achieved Full Membership status!

**RICHARD HANKISON.....KS**  
**MARK HUMENYK.....ONTARIO**

Thank you both for your support these past few months. I know I don't need to remind you all why SPEEDX is so successful...but I will anyway! It's because of the great support we get from members like the two of you above. Thanks again, and keep up the great work!

And of course, we can't forget our...

### NEW AND RETURNING CONTRIBUTORS:

A big HOW-DO to the following members for having contributed the first time or having returned after a long absence...

**GREG DOME.....TX**  
**STEVE EVANCHUCK.....OH**

**VICTOR GLOCK.....CA**  
**JACK WEBER.....OH**

Thanks for your support! Hope to continue to see your names in the hallowed pages of SPEEDX!

### MISSING COLUMNS, LAST MONTH'S COLUMNS AND OTHER MISCELLANEOUS DRIB-DRAB...

Columns included from last month include: *Asia/Oceania*. Columns missings from this month's list include: *Utilities, Africa and Western Hemisphere*. Otherwise...everything is in! Yea!

Looks like I'll be heading out of town around deadline time next month, so we'll probably be real short of contributors. Naturally, we'll make it up the following month. See ya in November!  
And...Ah....now for some relaxation time!  
Another DXM/Spotlights to bed...





# DX MONTAGE

LETTERS AND QUIDS FROM 'ROUND THE WORLD!

## THE WORLD IS YOURS ON SHORTWAVE RADIO...

by Samuel Alcorn  
published by Gilfer Shortwave

I briefly mentioned this book a few months ago, but hadn't had a chance to really take a good look at it until recently. Now I'd like to share with you some of my thoughts on the book. For \$9.95, I think you'll find it to be a worthy addition to your shortwave bookshelf, especially if you're a relative newcomer to the hobby.

The third edition of *The World is Yours...* was published this past February. This new addition contains thirteen chapters and 77 pages of useful information on everything from the receiver and antenna to DXing tips and computers!

The first chapter opens with the typical "world at your fingertips" discussion. However, the author immediately begins to debunk the myths surrounding the hobby of shortwave listening as a "technical" hobby...it doesn't have to be that! He suggests that a less threatening title, such as "international radio" ought to be given to the hobby, as a way to make it sound a bit more inviting.

Be that as it may, the rest of the chapter does a fine job of explaining what is and is not needed to get started in the hobby.

Chapter two discusses what is out there to listen to! Author Alcorn discusses the need for shortwave radio in certain parts of the world; the fact that AM & FM transmissions as we know them in the USA don't always work in other countries. He also discusses the various types of programming that can be heard, from news broadcasts to hearing "...sounds from exotic locales."

Basic receivers and antennas are discussed in the next two chapters. The discussion of receivers is totally non-technical...he does discuss the ease with which digital receivers work as compared to the older-fashioned dial radios. Regarding antennas, the author discusses basic layout and explains, through pictures, what some typical antenna installations look like. He also references the excellent *The Shortwave Listeners Antenna Handbook* by Robert Traister, for the reader that would like more of an in depth

source on antenna knowledge. Safety too is discussed in this chapter...making sure to keep antennas away from power lines and other hazards to life and limb. Naturally, good grounding techniques are discussed as well.

Chapter five gives a brief description of signal propagation, explained in layman's terms. Time conversion is discussed as well, along with a handy conversion chart that can be used for conversions from/to North American times and GMT/UTC. "Where To Tune" is the title of chapter six which enters into a discussion of the various shortwave bands and some of the stations that can be heard on these bands. I might add that the lists are quite cursory and cover only those few power houses that seem to "own" frequencies that have been in use for many years!

For the beginner, a goal of the first twenty countries is presented in chapter seven. Here a listing of 20 countries, their stations and frequencies can be found to give the user a place to start. A short description of the country and it's programming is presented, along with a mailing address for reception reports. Unfortunately no frequencies are given (which of course may not be accurate in the future anyway) which I'm sure the user of this book would be looking for. Again, geared towards the beginner in the hobby, the lack of a frequency listing for these common stations is a minus. If the new shortwave listener is interested in obtaining souvenirs from these first 20 countries, then he/she should turn to the next chapter, chapter eight, where QSLs, pennants and the like are discussed. The SIO rankings are also mentioned along with the other required items for a good reception report.

Chapters nine, ten and eleven kind of wrap things up for the beginning SWL. They discuss the other kinds of broadcasts that can be heard, some of the higher tech receivers available, books to be used as references, and some other more exotic stations that can be heard. Publications are mentioned as well, with SPEEDDX getting the top billing, described as a club that "...covers shortwave broadcasts and utilities in a lively monthly bulletin which features a high level of contributions from its readers." Commercial publications are mentioned as well.

Finally, chapter eleven covers "DXing,



Tips, Computers, Etc." which aptly describes its contents!

A short discussion on becoming an amateur radio operator takes places in chapter 12 with a good beginners glossary of radio terms, including the Morse Code, found in chapter 13.

For more information or to order the book, contact Gilfer Associates directly. The book can be purchased for \$9.95 (plus \$3.00 UPS shipping) from Gilfer at P.O. Box 239, 52 Park Avenue, Park Ridge, NJ 07656 USA. If you'd like to give Jeanne Ferrell a call to order or ask questions, dial 201-391-7887...and make sure to tell 'em that SPEEDX sent you!

### FLAGS OF THE WORLD

John Gunter of Franklinton, NC recently wrote in to describe a new wall hanging that he created himself. You can too! This is what John has to say:

"For a beautiful splash of color on the wall of your shack, go to your philatelic dealer. They have 200 flags of the world in authentic colors and when pasted in alphabetical order on construction (heavy) paper you will end up with a 15" x 17" beauty. When I bought mine, they were less than \$1.00."

Sounds neat! Why not give it a try?

John also sent in an interesting calendar of events which he received from the *National Geographic Society*. What makes this calendar different is that it lists international holidays and special occasions. Did you know that Kenya's Independence Day was December 12th? or that North Korea's Constitution Day is December 27th? It's that kind of information that might just help you snag a veri from an elusive broadcaster.

Although he didn't say, I presume that this calendar is sent to all members of the Society. If you'd like to join or request more information, write today to the National Geographic Society, P.O. Box 2895, Washington, DC 20077-9960. Interestingly, as a part of this calendar, they include a listing of English Radio Broadcast Frequencies worldwide, for US traveler's abroad. Of course, if you *are* traveling abroad, there's still nothing better than a couple of current SPEEDX magazines packed in the luggage!

### TIDBITS FROM MIKE

Received a letter from Mike Schulsinger of Ohio a few days before deadline. He had a couple of interesting things to say (or ask) which

I'd like to share with you now. First of all, apparently Swiss Radio International is now experimenting with broadcasting via RTTY! The transmissions are at 50 baud, 170 Hz shift and his M-900 decoder must be in Reverse mode to read them. The transmissions are in German, Italian and French, with IDs and schedules in these languages and in English. Times and frequencies are as follows:

1830 to 1930 UTC on 17530 kHz to Africa  
2000 to 2100 UTC on 10515 kHz to Asia  
0030 to 0130 UTC on 10515 kHz to South America  
0200 to 0300 UTC on 10515 kHz to North America

He notes that transmissions have sometimes started a few minutes late or not at all. The service is clearly still an experiment! Mike sent me a sample printout of what he received. Unfortunately I don't speak or read German, so...

If you are in to utility broadcasts, give this a "listen". Sounds interesting, although I can't imagine why a broadcaster would decide to use this particular method of transmission for a general service. It's slow, and obviously limited in the number of people that could receive and decode the info.

By the way, where would reception reports go? Europe or Utilities! :-)

Secondly, Mike asks, "What's a Stacy 4 computer, John?" Good question since others have asked as well! As many of you know by now, I've been very happy with the Atari ST line of computers for the past 5 or 6 years. The 1040ST has been the mainstay of my computing, but about a year and a half ago, I decided I needed a laptop for traveling on the road (which I seem to be doing more and more of lately) and naturally I decided to stick with the Atari ST line. The Stacy 4 is the laptop version of the 1040 ST that I use at home. It's really a fantastic little computer...besides the normal hardware (including the 68000 microprocessor) it contains a total of 4 megabytes of ram, a 40 megabyte hard drive, a very readable backlit LCD display (640 x 480 resolution) and a trackball to replace the mouse. It's actually more powerful than the old 1040 ST. Since I use it so much on the road for doing this column, plus need the extended memory for printing the column out to the Atari SLM605 laser printer, I figured I'd start giving it masthead billing since the old Altair 8800 got dumped.

And for those interested, the column is printed on the Atari laser printer at 300 x 300 dpi, using Soft-Logik's PageStream 2.1 for the ST. The main body of the text is done in CG-Times, with the headlines in Helvetica (although that's probably going to change soon.)



Point size varies from month to month (usually around 13) depending on the amount of text I need to squeeze in. The nifty thing about PageStream is that I can continuously vary the size of the font in order to get it to fit perfectly into the allotted space. It's an extremely powerful DTP program! Fun too!

### 900 SHORTWAVE?

All it takes is money I guess...but it can't be like the real thing, can it? What the heck am I rambling about? It's this article that John Belovich of Florida sent in. Now, for only \$1.00 per minute you can call up and get news from Jerusalem! The *Voice of Israel* news broadcasts can be heard by calling 900-568-6397 in either English or Hebrew. Each *phonecast* lasts about 4 to 5 minutes and are updated four times a day. There is no happy talk!

Hmmm...let's see, four, five minutes calls per day, at \$1.00 per minute, equals \$20 per day, at seven days per week, that's \$140 per week...wouldn't take long to buy that NRD535 at those rates now, would it?

### RADIO POLLUTION

R.C. Watts of Kentucky sent in an article from *National Wildlife* which discusses the problems that scientists are starting to have in doing astronomical research.

Seems that with the ever increasing use of the frequency spectrum, more and more noise is interfering with the use of ground based radio telescopes. Some of the culprits mentioned include cellular telephones and garage door openers!

### MY HOW THINGS CHANGE!

Radio Free Europe and Radio Liberty, once instruments of the Cold War are now finding favor with some communist nations, according to an article sent in by Ed Cichorek.

Apparently, the chiefs of state of Poland, Czechoslovakia and Hungary have written President Bush saying how grateful they are for the work done by those stations over the years as a

lifeline of democracy. They are also strongly urging the US to continue broadcasts for the time being. In the Soviet Union, Radio Liberty has been nominated for the Nobel Peace Prize!

### NEW PRODUCTS

The National radio club has announced the availability of the *NRC AM Radio Log, 1992 Edition* which is now available for purchase. This addition contains nearly 350 8 1/2" x 11" pages (3-hole punched, loose-leaf format) chocked full of 6,000 AM radio station listings from the US and Canada. Each listing consists of its location, frequency, call letters, format, news network, station address, station slogan, day and night transmitter powers, and much more.

If you'd like to order a copy, send US\$19.95 (or US\$20.95 for Canadian addresses) to NRC Publications, P.O. Box 164, Mannsville, NY 13661. Make sure to tell NRC that you read about this in *SPEEDX!*

Kiwa Electronics is now offering a filter to directly replace the stock wide filter in the ICF 2001D/2010 receivers. The new filter is an excellent replacement for those who desire additional selectivity. Installation is easy. Specifications for the LFH-4S filters are: -6db bandwidth = 8 kHz (+/- 4 kHz) Shape factor is (-60db to -6db BW ratio) = 1.60 (typical).

Price for the LFH-4S is \$14.00 postpaid in the US and Canada, or \$15.00 for orders outside NAM which includes airmail shipping. Installation instructions are included. Kiwa, 612 South 14th Avenue, Yakima, WA 98902 phone 509-453-KIWA.

From Grove Enterprises, a new book called *Listener's Lawbook, 1991 Edition* is now available. I'll give a more thorough review in the future, but suffice to say that this book covers the legal aspects of radio listening. coverage includes both federal and state laws. It's very interesting! More on this one later...for sure!

See you all next month!

**FOR SALE:** National NC-120 HF Receiver, MW to 30 MHz. Just reconditioned - works perfectly. \$100 plus shipping or best offer. Thomas Buchanan, P.O. Box 221, Hartsville, SC 29550-0221.

**WANTED:** Operations and/or Service Manual for Collins R-388 URR receiver. Thomas Buchanan...see address above.

**WANTED:** One (1) 1mh RF choke, suitable for use with the Kenwood R5000 as part of the MW sensitivity modification. Would appreciate hearing from anyone who has done the mod his/herself. Contact Chip Karcheski, 23 Gail Drive, Holden, MA 01520-1710 or call 508-829-6120 after 6 p.m.

SPEEDX ANNUAL FINANCIAL REPORT  
FY 1991

THIS IS A SUMMARY OF THE SPEEDX ACCOUNT FROM 1 JULY 1990 THROUGH 30 JUNE 1991 INCLUSIVE. A MORE DETAILED FINANCIAL REPORT IS PROVIDED TO EACH BOARD OF DIRECTOR EACH MONTH,

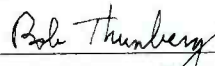
Balance on hand 1 July 1990 ..... \$1315.50

Receipts	Prepaid Subscriptions	\$3803.74
	Prepaid Renewals	6081.00
	Supplies	647.00
	Miscellaneous (incl donations and interest)	932.16
		\$11463.90
Total Receipts		

Disbursements		
	Publish 12 Issues	\$5869.64
	Postage 12 Issues	3390.07
	HQS Postage	541.56
	HQS Supplies & Printing	169.17
	Miscellaneous	167.09
		\$10137.53
Total Disbursements		

Balance on hand 30 June 1991 ..... \$2641.87

I certify this summary of the SPEEDX account is true and accurate to the best of my knowledge.

  
Bob Thunberg - Treasurer

There are many reasons for the turnaround in SPEEDX's financial situation during Fiscal Year 1991. We had a large influx of new members because of an increase in the popularity of SWLing spurred by the Persian Gulf War. Many new members also learned of SPEEDX through the "SPEEDX Report" aired over HCJB. We've also, at least temporarily, stemmed the tide of members who do not renew their subscription to the club bulletin, and, for the first time in almost a decade, SPEEDX ended a Fiscal Year with more members than with which it began. We, the staff, believe this upswing is due mainly to the many improvements that have been made to the monthly bulletin over the past year.

In addition, over \$900.00 was contributed to the "Friends of SPEEDX" donation program during the past 12 months. Because of your generosity, SPEEDX is presently operating on much steadier financial ground than at this time last year. We, the staff and Board of Directors, hope that those members who are able and willing, will continue to support the "Friends of SPEEDX" during the current Fiscal Year. The money donated so far has, not only allowed us to maintain publishing the bulletin each month, but has also permitted us to invest money in the publishing of other shortwave-related booklets as well. New publications, including "The Literature of Shortwave" and "The Latin American DX Guide" will be available soon. DX Guides to Africa & Asia, along with a booklet designed to help the newcomer to SWLing are in the planning stage. Donations to the "Friends of SPEEDX" (sent to club HQS: PO Box 196, DuBois, PA 15801-0196 USA) will help us tremendously in the publishing of these new booklets.

Most of the contributors to the "Friends of SPEEDX" during the past year were named in the December 1990 bulletin; here's a list of those who have made donations since then. Our thanks to:

Stephen George    Allen Radella    Val Scott    Al Underwood    Cary Garrison

And, of course, our thanks go out to all of our faithful members who have made Fiscal Year 1991 so successful for SPEEDX!



# Public Meeting

A Forum for the SPEEDX Staff and  
Membership

General Editor: Woody Seymour, Jr.  
P. O. Box 848, Sanford, NC 27331-0848

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## 1991 SPEEDX BOARD OF DIRECTORS ELECTION---CANDIDATES' STATEMENTS

First, a note from President Peggy Thompson:

"This is election month and this year there is something different. You'll find all the candidates' statements right here in the bulletin with the ballot, so there is NO excuse for not voting. You won't have to leave the comfort of your favorite chair to dig through your shack looking for the last few bulletins to reread all the statements. So take the time to vote NOW and get your ballots in to me by October 15, 1991. I'll accept all ballots postmarked by the 15th. All candidates are qualified. Please vote!"

Here are the statements from the seven candidates for the Board of Directors:

ED CICHOREK, Somerset, NJ: "This year quietly marks another anniversary of the founding of SPEEDX. Twenty years ago, a group of radio enthusiasts wanted a more open, friendly and accountable club than was typical at the time. The result is what you have today. I believe SPEEDX has since pursued the principles of openmindedness, friendship and accountability. Our club continues to provide relevant information, humor and a very real sense of belonging.

If elected to the Board of Directors, my activities within and for the club will continue to be member-oriented with a view toward preserving the uniqueness of SPEEDX. Our democratic format allows each and every full member a voice in the workings of our club. You are important, you are a member, you are SPEEDX. Please exercise that right to vote and participate in our club. Thank you."

CARL HUFFAKER, Mexico: "It's been a long four years that I've served on the SPEEDX BOD, years made longer as they spanned the period that I, through necessity, learned to live by myself. SPEEDX, too, has lived its own crises, has survived financially, has resisted pressures to lose its identity through merger, and to downgrade its Bulletin to a supplement in some larger publication. SPEEDX has survived as a medium-size, friendly club communicating by mail and whose voice is its Bulletin. Yet the club has improved, the Bulletin has improved, and club activities expanded. Day by day, it's been a difficult choice, at times I was a voice in the wilderness, at others an obstructionist. But I do believe that I've helped keep SPEEDX on the right track, moving the way you, fellow members, want. If I am re-elected, my policy will remain the same."

PAUL LANNUIER, Closter, NJ: "And if elected, I promise to put an NRD-535 in every shack.....Well, maybe not. What I can promise, though, is to continue my involvement with SPEEDX the club, and work towards improving the content and appearance of SPEEDX the monthly bulletin. As former utility editor (1988-1991) and original member of the SPEEDX Editorial Committee (1989-present), I have enjoyed working closely with the club's management and publishing staff. One of my main goals as BOD member will be to further encourage the current trend towards computerization of the bulletin to improve the quality of graphics, enable the compilation of data for possible release of digital collections, and improve readability by laser printing the bulletin. I also wish to improve upon the relationships developed through my years as SPEEDX member and editor. I have been involved with shortwave radio for half my life, and (much to the amazement of family and friends) have even managed to make a career out of this crazy hobby. I am sure that I can effectively carry out my duties as Board member and help to bring SPEEDX into the '90's. The best is yet to come! Thank you for your consideration and support."

BETSY ROBINSON, Clinton, TN: "SPEEDX...we all know the meaning of each letter and if I could add another "E" it would stand for education.

To learn by listening aspect of DX is an asset and to promote the benefits of education available from communication receivers is equal to music, news, and entertainment.

'Remember the members' when making decisions concerning SPEEDX is my point of view."

PEGGY THOMPSON, La Crescenta, CA: "I've been around so long I feel like a fixture, but if you still trust me as your rep on the BOD, I will gladly serve for another term. Whether for me or any of the other candidates, VOTE. It's your club and it is only as good as the members want it to be."

DON THORNTON, Somerset, NJ: "SPEEDX is a democratic club with an elected Board of Directors. Shortwave listening is our hobby--a fun hobby. Being on the Board of Directors is work, a job which has to be done to help SPEEDXers get more enjoyment from our bulletin and our hobby. I'm willing to work. I don't believe the idea of any merger with any other club is in the best interests of SPEEDX, but do think we should cooperate with other clubs which have an open membership policy, for both fellowship and enjoyment of our hobby. SPEEDX is unique and viable. It will remain so. If you are a full member, please vote for those persons who you feel will best represent you and who will also help other club members get more enjoyment from our hobby."

DON WEBER, Westlake, OH: "Over the years of membership within SPEEDX, I assumed we members read nothing of these statements beyond the candidate's name. I offer some thoughts, therefore, which never may be read. My interest is not to change SPEEDX but is to help the Directors continue to adjust and to improve this excellent product. I trust that you, as I, have seen this monthly growth and improvement in radio hobby information offered from SPEEDX. You have seen new ideas, you have read more enlightened articles, you have found the print easier to read, you have had faster delivery, you have enjoyed the friendly atmosphere and camaraderie; certainly you have found SPEEDX as offering a great amount of radio hobby information in a limited number of pages. My offers as a candidate are to help management continue this growth and improvement and to act for you as your nondescript, advocate-agent to the Board."

That completes the candidate statements. Three other SPEEDXers were nominated, but they declined to become a candidate. Tsunaaki Ashimori of Japan, Daniel Sampson of WI and Val Scott of CA all graciously turned down their nominations.....

We would like to thank the members who submitted nominations for the election. We would also like to thank the candidates for agreeing to devote some time for the betterment of SPEEDX. Now it's YOUR turn if you are a Full Member. We try to make it as easy as possible for the members to vote for the BOD. By your participation, you will help the club to select the leadership most representative of the consensus of the membership. If you are not a Full Member and cannot vote in this election, then now is the time to begin to contribute to the columns of SPEEDX so that you will be able to become a Full Member of SPEEDX and vote in the next election.

Please feel free to send in your comments to this column. We would like for Public Meeting to be a forum for views and ideas about the hobby or about the club. You can put your two cents worth in--for free! You can't beat an offer such as that!

Until next month, good listening and don't forget to VOTE! *Warty*



# **SPEEDX**

## **Ballot for Board of Directors**

1. Only Full Members of **SPEEDX** are eligible to vote. If there is a question about your eligibility, it will be resolved by our Membership Chairman, who keeps track of contributions from our members and of our members' status (Full or Associate).
2. Vote for up to **four** of the candidates.
3. Cut this page out and mail it to:

Peggy Thompson  
2706 Alabama St.  
La Crescenta, CA 91214-2925

Ballots must be received by **October 15**.

## **CANDIDATES**

**ED CICHOREK**

**CARL HUFFAKER**

**PAUL LANNUIER**

**BETSY ROBINSON**

**PEGGY THOMPSON**

**DON THORNTON**

**DONALD J. WEBER**

# THE HISTORY OF THE

ROYAL SOCIETY OF LONDON

From its first institution in the year 1660, to the present time. By JOHN WALLIS, Esq. F.R.S. &c.

LONDON, Printed by J. Sturges, at the Theatre-French, in Pall-mall, 1754.

# Portables on Parade

The SPEEDX Receiver Review Column

edited by

Don Brewer

9212 West 103d St., Apt. A Overland Park, KS 66212

Continued from last month by MARK SEIDEN, FL: Receivers under \$400

In considering communications receivers under \$400, you will note the list below includes many that are second hand. Don't be afraid of a used radio. Many are excellent values. They can be found in DX bulletin classified ads, ads in Monitoring Times and other publications, at radio shops, flea markets, ham fests and even garage sales. Finding one can be a chore, but a pleasant one. Be warned, though, that you should not buy a used radio that you haven't had a chance to use unless the seller offers a return privilege if it doesn't work or isn't in the condition described.

The radios described here are listed in alphabetical order, not in order of preference.

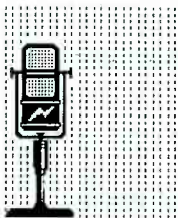
**Allied SX-190:** An early solid state receiver, circa 1972. Not a true general coverage radio, but coverage does include most (but not all) of the SWBC and ham bands. One kHz mechanical readout, with 25 kHz and 100 kHz crystal calibrators. Includes Q-multiplier and notch, preselector and AGC circuitry. Lacks individually selectable filters. Good AM and SSB capability. Decent audio, but requires headphones or an external speaker. An excellent value at about \$125.

**Drake:** Drake was known for producing high quality communications gear. Their R-4B (late '60s) and R-4C (early '70s) were much coveted among experienced DX'ers. Frequency coverage is dependent upon which crystals are installed, so look for one set up to include SWBC coverage. Superb sensitivity and good selectivity in both AM and SSB, with one kHz mechanical readout. The tube type R-4B has better audio than does the solid state R-4C, but neither reproduces music well. An R-4 series in working condition runs about \$200. Fortunately, Drake Radio Co. is still in business (and has just put a new receiver on the market - ed) and you should figure that sending your new found prize to them for realignment and overhaul should cost another \$200. If you can't hear it on an R-4B or C, you won't be able to hear it on anything. A lot of radio for \$400.

**Drake's SPR-4** is a late '60s receiver which contained crystals for all of the SWBC bands, plus 14 extra slots for optional crystals to cover ham bands, tropical bands or utility frequencies. One kHz mechanical readout, 4.8, 2.4 and .4 kHz filters and a bargain at about \$200. Again, figure on another \$200 for reconditioning by the factory.

**Hammarlund:** A great name in radios, now long gone. The HQ-100, 100A, 110, 110A, 145, 145A, 150, 160, 180 and 180A were all benchmarks in their time. The higher you go in the Hammarlund numbering system, the better (and generally later) the radio is. The HQ-180A is highly prized today, especially by BCB DX'ers; with superb sensitivity and selectivity. These radios do not have accurate SWBC band readouts. They are also physically large, their tube type innards generate noticeable heat externally and they tend to drift off frequency. Also, parts and service are very difficult to come by. If you can find an HQ-180 or '180A in decent electrical and mechanical condition for \$400, but it. Not only will you enjoy the radio (once you learn to live with its shortcomings), but you may even make some money when you go to sell or trade in. You certainly won't lose any money. Also, be cautioned that an unrestored 30 year old radio will definitely need some skilled technical repair.

Concludes next month with Icom, Kenwood, Lowe, Panasonic, Sangean, Sony, Yaesu.



# PROFILES

**Tim Johnson**  
343 East Water St.  
Galesburg, IL 61401



Anyone notice that there was something wrong with last month's SPEEDX? Did anybody see that something was missing? Was there anyone who became seriously wounded with paper-cuts while thumbing furiously through the pages of SPEEDX in search of their favorite column? Sorry about that, but for a few weeks I was working twelve hour days and just wasn't able to get anything done... Send me your BAND-AID bills I guess.

To make up for it, I've got a real treat for you. I know that there are quite a few fans of the Voice Of Turkey out there, so you're going to be very pleased to see that this month's profile is...

**\*\*\*Semra Eren\*\*\***

"I was born in Ankara, Turkey in 1949. I finished my primary school education in Turkey. In 1960 my family moved to Italy where my father started working for the United Nations Food and Agriculture Organization which has its headquarters in Rome. I graduated from an international high school in Rome. That's where I learned my English, and my love for arts in this enchanting city was so immense that I chose the Rome Fine Arts Academy for my university education. I graduated from the academy with the Minerva Award conferred upon me for being the best foreign student of the year in 1971. In 1972 I came to Turkey for what I planned to be a brief visit! Well, that brief visit is still continuing for I got married and settled in Turkey.

"I started working for the TRT in 1973 and was first employed at the monitoring service for seven years - listening to the news on the BBC and the VOA. In 1980 I was transferred to the Voice Of Turkey as the Assistant Chief of the English Department and later became the chief. It was in 1980 that the former DX editor left us and I had to replace him. Having an art background with only seven years of monitoring, you can imagine the difficulties I encountered in compiling a DX program. I must say that George Wood of Radio Sweden was of much help in providing material during my first years. My first encounter with DXers was in 1981 at the EDXC conference in Bern, Switzerland.

"I can't say that I'm fully involved at the moment - apart from being the Chief of the English Department, I translate and read news on the VOT, the local FM station, on Holiday Radio of the VOT (which just started test transmissions July 1, 1991), and on television. As you all know, I'm also the DX editor, but I'm afraid I don't find the time to do any shortwave listening other than the BBC World Service for news on my Sony ICF-7600A.

"As you can see, I have very little time left for myself, but if and when I do have time, I try to paint or sculpt, and I love listening to jazz or classical music. It's at times hard to accept that I've become an international broadcaster and I'm slowly but surely drifting away from my original profession, but I'm determined to pick up painting and sculpture when I do retire. I'm not complaining about the work; I do very much enjoy the shortwave. As the common saying goes, 'communication brings understanding'.

I have throughout the years met so many wonderful people, both listeners and broadcasters alike, and it feels wonderful to know that people out there are listening to your program and are appreciating it. I love receiving letters from my listeners; I think that's the one thing that really boosts my morale. I love meeting them too, and I think that SW conferences and conventions are exceptional opportunities, for they bring together both the listener and the broadcaster in a medium where solutions are sought to common problems. Getting to know each other also facilitates solidarity among us broadcasters and I must say I enjoy very much that solidarity. I'd be glad to receive more contributions from listeners. After all, isn't the aim of all us broadcasters to make our programs enjoyable? Thank you all."

And thank you, Semra Eren, for helping to make shortwave listening so enjoyable. I'd also like to thank you for using information from the pages of SPEEDX and for using contributions from SPEEDX members on "DX Corner". If you wish to write to Semra Eren, the address is: P.O. Box 333, 06-443 Yenisehir Ankara, Turkey. Don't forget to mention that you are a member of SPEEDX.

"DX Corner" can be heard every second Saturday at 2225 UTC Saturdays, or at 0325 UTC on Sundays on 9445 kHz.

*73's....Tim Johnson*

## THE FUTURE OF "SURROGATE" RADIO: RADIO DIPLOMACY CUTS URGED

by Alex Zavistovich

What is the price of freedom in Eastern Europe? For the U. S., it may mean a scaling back of "surrogate" broadcasting services such as Radio Free Europe and Radio Liberty.

Increased democratization in the area may also mean a phasing out of some Voice of America foreign language services, according to the United States Advisory Commission on Public Diplomacy, a bipartisan citizens' group that advises the President on such matters.

On June 12, the commission released its 1991 report, a 56-page document that found:

- An additional \$50 to \$100 million should be budgeted annually for "public diplomacy operations;"

- U. S. international radio and television broadcasting capabilities should be consolidated;

- Some Radio Free Europe language services should be phased out;

- TV Marti at present is not cost-effective;

- U. S. agencies overlap in democracy-building efforts, suggesting a need for improved coordination in these efforts;

- The National Security Council should create a "coordinating mechanism" for public diplomacy; and

- Support for educational exchange programs such as Fulbright scholarships should be increased.

The report stressed, however, that the political changes sweeping across Eastern Europe, Asia, and Africa do not mean that public diplomacy is no longer necessary. Rather, according to Commission Chairman Edwin J. Feulner, Jr., "we urge the President and the Secretary of State to make clear that public diplomacy is a strategic component of U. S. foreign policy."

Feulner commended the President's efforts overseas, but maintained that "insufficient attention" has been paid to public diplomacy, which includes broadcast services such as Radio Free Europe, Radio Liberty, VOA, and TV Marti. Public diplomacy doesn't need a new mission statement, Feulner said; it needs additional funding.

Vice Chairman Tom Korologos drew a distinction between surrogate broadcasting, such as RFE and RL, and international broadcasting, such as VOA, in helping the U. S. attain its public diplomacy goals. Now that democratization has begun in Eastern Europe, Korologos said, some surrogate broadcasting is no longer necessary.

Both Korologos and Feulner conceded, however, that surrogates will be needed into the "indefinite future," even in countries such as Czechoslovakia, Hungary, and Poland, where free, independent broadcast services exist. These countries still use U. S. surrogate broadcasting as a "measuring rod" for their own systems, Feulner contended. Still, he said, a "timeline" must be drawn for dropping these services, as well as phasing out some of VOA's 44 foreign-language services on a "country-differentiated basis."

As for VOA, the commission agreed that the service should remain an integral part of the United States Information Agency and its mission. VOA is a "credible, objective news source," Korologos said, and provides an official vehicle for disseminating U. S. positions.

The commission also determined that TV Marti is not a cost-effective means of public diplomacy. Operational costs for TV Marti total \$16 million per year for its 3 AM to 6 AM broadcasts--50% of the USIA's total budget for worldwide operations.

In addition, Feulner said, the TV Marti signal is jammed "consistently and effectively," and retaliatory jamming has also been directed against Radio Marti since the inception of the TV service. Still, the advisory group is not advocating TV Marti be shut down--that decision is up to Congress, Feulner said.

Korologos stressed that the commission's findings about U. S. broadcasting abroad should not be construed as a "turf issue." If there is duplication of services--and the commission contends there is--it should be eliminated, he maintained.

Surrogate broadcasting has achieved its goals in some areas of the world, Korologos explained. Ultimately, "VOA should be the surviving mechanism," he added, while maintaining that phasing out of surrogate broadcasting should be "nothing precipitous." He added, "The U. S. must be allowed to tell its story."

For more information, contact Bruce Gregory at (202) 619-4457.

(This article originally appeared in the July 10, 1991 **Radio World**. Our thanks to John Carson for forwarding it along.)

## COASTAL STATION WOO, MANAHAWKIN, NJ

"We get fishermen calling in to get prices, to find out if anybody else is in yet. The first guy in gets the best price."  
--Mike McGirney, radio operator

by David M. Halbfinger

At the end of Beach Avenue in Manahawkin, past where warning signs ward away the curious, past where the road becomes a single private lane and then that too ends, the sky opens up, and land and water converge in miles and miles of marshland.

Here, in the middle of nothing, hundreds of stick-like antennae poke out of the muck, recalling the pictures of post-apocalyptic Hiroshima. It is the edge of the world, where peregrine falcons are free to soar overhead, scouring the wetlands for lunch; where muskrats are free to build houses in the grass; where herds of deer may come out at night and graze.

And it is the home of the very distant past and the ever-nearing future of communications technology, a la AT&T.

Beneath the low copper roof of a small brick building, a mere dozen men and women operate high seas radio station Whiskey Oscar Oscar, providing ship-to-shore telephone service to party boats, fishing fleets, and ocean liners from Nova Scotia to the southern coast of Chile.

The antennae here in Manahawkin--some of them, shaped like flying saucers, seeming better suited to another world--are only one half of an enormous, expansive telephone circuit. Together, they form a giant receiver, akin to the earpiece on a telephone. The mouthpiece, just as strange a sight to unaccustomed eyes, lies sprawled over a similar piece of wetlands 12 miles to the north, in Ocean Gate.

Ask the people who have lived near these installations all their lives about what goes on inside, and one finds they know very little: That they are there for ship-to-shore, that AT&T owns them, and that they have been there forever.

Ask the corporate people at AT&T the same question, and one learns even less. It takes days to get an answer, even longer to get a name and a phone number for someone who works there. They're not listed.

Dick Holst, a burly, bearded ex-Navy submariner and the 43-year-old supervisor of WOO, ultimately provides the answers.

The corporation has moved light years ahead in technology since the station first went on the air in 1929, Holst explains. Ship-to-shore radio is one of those long-forgotten limbs of old Ma Bell, dropped from the priority lists long before anybody even dreamed of breaking up the Bell System, or of talking to Europe by satellite, or of carrying 50,000 calls over a cable the width of a human hair.

"You can't get any more basic than the ideas that are in there," says Holst, who lives in Barnegat Township. "It's basic electronics."

And yet it's so much more. Although it was long ago eclipsed by an unending progression of more profitable AT&T products and services, this low-tech, antiquated medium still has a place. As much as ship-to-shore radio conjures up nostalgic visions of the corporation's past, the station's operators still talk to lonely fishermen, skippers, and solo sailboaters doing battle with loneliness.

"There's a lot of ocean out there, where they're not going to be able to talk to anybody" over conventional maritime radio, Holst said. "We are the link."

Back when the first antennae were planted in the mud, they also provided another kind of link: Point-to-point radio communications, with each diamond-shape, or rhombic, antenna aimed precisely at one of more than 30 different foreign cities. When there was no undersea cable or overland connection, radio was the only way countries could talk to each other.

A skinny, perfectly straight dirt road is all that remains of one special point-to-point receiver at the Manahawkin site. In the 1940's, that road was the spine of a complex antenna, made up of 20 diamond-shaped rhombics, each one slightly different, arranged end-to-end. Technicians could pick the best rhombic to use, depending on the atmospheric conditions.

It points at London, Holst said. During World War II, the story goes, that particular receiver kept civilian communications open between the United States and England.

Station WOO was the first of its kind, but two more were soon built: One in Fort Lauderdale, Fla., and the other in Point Reyes, Calif. "In the days of point-to-point, we handled Europe, the West Coast station handled Asia and the Pacific, and Florida handled Africa and South America," Holst said. Now only used for high-seas radio, WOO covers the area from 30 degrees to about 230 degrees: A tremendous swath of the earth encompassing the Atlantic, Mediterranean, South Atlantic, Caribbean, and the Gulf of Mexico.

From the control room, where technicians field several hundred calls a day--up to 600 calls on Christmas make it the busiest day of the year--the farthest-flung corner of the globe is just the touch of a button away.

Calls from the sea to the station are picked up first by the saucer-shaped omnidirectional antennae, and a prompt immediately appears in the control room on the operator's computer screen. After the ship's radio officer tells the operator the vessel's location, the operator turns to a touch-sensitive map and presses it at that location. A computer activates the appropriate antenna, and the radio connection is complete. Finally, the Manahawkin operator relays the call to a telephone operator based in Pittsburgh who will place the ship's calls directly.

For land-to-sea calls, a land-based caller dials the Pittsburgh operator, at 1-800-SEA-CALL, who forwards the call to one of the three high-seas radio stations. At \$5 a minute, ship-to-shore conversations are not cheap, and there are no discounts for proximity. Said Holst, "Obviously, it makes no difference to us whether you're off Barnegat Light or in the Indian Ocean."

Indeed, on a recent weekday afternoon, as the cruise liner Norway passed calls from the Bahamas and a fishing boat radioed from off Nova Scotia, the Greek ship Kalliopi L passed through the Straits of Gibraltar and its captain called a friend in Greenwich, Conn. None of this seemed out of the ordinary for Norma Taylor, sitting behind the operator's desk. An eight-year veteran of WOO, Ms. Taylor says she was more surprised the day she received an invitation from a captain whose calls she had been handling. "He said I was nice, had a nice voice, and he invited me to meet him in Miami and sail on his ship to Colombia." She politely declined.

The radio station's out-of-the-way location is central to certain industries. "We get fishermen calling to get prices, to find out if anybody else is in yet," said Mike McGirney, another operator. "The first guy in gets the best price."

John Morgan, a third operator, says oil tankers are frequent callers. A tanker captain might typically want to ask his agent the current price of crude oil. In other words, Morgan said, "He's asking, 'Should I speed up or should I slow down?'"

Although computers have made the operator's job a much simpler one, it still requires a keen understanding of meteorology, geography, electronics, and a smattering of other disciplines. Operators seem as familiar with the 11-year solar cycle as with the calendar. They speak of "severe fades" and "propagation forecasts" without blinking an eye. They grouse about interference from competitors in Leningrad and Holland.

Yet these throwbacks to an era where radio was predominant may face extinction even before the threatened species that roam the marsh outside. The boom in satellite communications has cut deeply into the ship-to-shore market, and earnings have been on the decline for several years.

What has kept the Manahawkin station busy of late--and kept its employees from contemplating their fates--is the influx of a crew of workers installing one end of the next transatlantic telephone cable.

TAT-9, as it is called, is really a lot of plastic and metal surrounding six strands of fiber-optic cable, each one the width of a human hair. Each will be capable of carrying 50,000 calls between America and Europe at once. It is scheduled for completion in early 1992.

For the time being, the Manahawkin station remains a vital, albeit tiny, virtually invisible part of a globe-straddling corporate giant.

And, as Holst says, it is a study in contrasts. "It's the two opposite ends of technology here--the oldest, still operating, still making money, and the latest, about to go into service."

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The author is a Press staff writer.



# WHAT'S ON



ENGLISH BROADCAST TO NORTH AMERICA



Daniel Sampson 4 Turtle St. Arcadia, WI 54612

### CHANGES ENTERED JULY 19-AUGUST 18, 1991

UTC Time	Station	Notes	Frequencies
0000-0100	R. Moscow, U.S.S.R.	NAm svce	17840; 17720; 17700; 17605; 15425; 15355; 12050; 11750; 11730; 9720; 9685; 9600Cu; 9530
0200-0300	R. Moscow, U.S.S.R.	NAm svce	17840; 17720; 17700; 17605; 15425; 12050; 11980; 11750; 11730; 9720; 9685; 9600Cu; 9530
0250-0310	Vatican R.	---	11625; 9610
0255-0400	TWR-Bonaire, N.Ant.	---	11930
0300-0400	R. Moscow, U.S.S.R.	NAm svce	17840; 17720; 17700; 17605; 15425; 12050; 11980; 9720; 9600Cu; 9530
0300-0400	TWR-Bonaire, N.Ant.	---	9535
0310-0327	Red Cross, Switz.	---	12035; 9885; 9725; 6135 -- Aug 27, Aug 30, Oct 1, Oct 4, Oct 29, Nov 1, Nov 26, Nov 29
0400-0500	R. Moscow, U.S.S.R.	NAm svce	17840; 17700; 17690; 17605; 15455; 15425; 15180; 12050; 12030
0500-0600	R. Moscow, U.S.S.R.	NAm svce	15455; 15425; 15180; 13645; 13605; 12050; 12030; 12010; 12000
0600-0700	R. Moscow, U.S.S.R.	NAm svce	15455; 15425; 15180; 13645; 13605; 12050; 12030; 12010; 12000
0700-0800	R. Moscow, U.S.S.R.	NAm svce	15425; 15180; 13645; 13605; 12050; 12030; 12010; 12000
1055-1300	TWR-Bonaire, N.Ant.	---	15345; 11815
1400-1430	BBC, U.K.	---	15220An
1400-1600	WSHB, U.S.A.	Sa-Su	15610; 13760
1430-1500	BBC, U.K.	---	15205
1500-1600	BBC, U.K.	---	15205; 9740F
1600-1615	BBC, U.K.	---	15260S; 15205; 11775S; 9740F
1600-1800	WSHB, U.S.A.	Sa-Su	17555; 15610
1800-2000	WSHB, U.S.A.	---	21780; 17555
2300-2400	R. Moscow, U.S.S.R.	NAm svce	17840; 17720; 17700; 17605; 15425; 15355; 12050; 11750; 11730; 9720; 9685; 9530

RELAYS--An-Antigua, B-Bonaire, Br-Brazil, Bu-Bulgaria, By-Bethany, Cu-Havana, D-Delano, F-Singapore, Gu-French Guiana, Ma-Malta, Mi-Mali, S-Sackville, Sp-Spain, Wy-WYFR





# DX and Other Interesting Programmes for your Weekend Enjoyment

compiled by Bob Colyard

## Part 2: Sunday

All days and times UTC

DAY	TIME	STATION	PROGRAM	FREQUENCY in kHz			
Sun	1005	BBC	Science in Action	15070	12095	17705	
Sun	1005	HCJB	Salutos Amigos	9745	11925		
Sun	1005	SRI	Grapevine	13685	17670	21695	(1st/3rd Sun)
Sun	1030	ABC	Arts Round-about	9580	15365	13605	
Sun	1030	ORF	Austrian SW Panorama	21490	15450		
Sun	1035	Korea	Shortwave Feedback	11715S	[1130 - 9650 winter]		
Sun	1100	CBCNQS	Fresh Air	9625			
Sun	1105	SRI	Grapevine	13635	15570	17830	21770
Sun	1110	RM	Culture & the Arts	17760	17830	15485	15595
Sun	1115	NHK	Hello from Tokyo	6120S	11815	11840	
Sun	1130	ORF	Austrian SW Panorama	21490	15430	13730	6155
Sun	1130	BRT	P.O. Box 26	21810	9925		
Sun	1130	BBC	The Ken Bruce Show	12095	15070	15220	17640
Sun	1130	RM	Audio Book Club	17760	17830	15485	15595
Sun	1200	BBC	Play of the Week	12095	15070	17640	21660
Sun	1230	ABC	Sound-About	9580	11930	21720	
Sun	1230	TIAWR	Costa Rica Today	9725	11870		
Sun	1240	R. Beijing	Letterbox	17855	9665	11660	15450 11600
Sun	1245	Korea	Shortwave Feedback	9750	17575		
Sun	1245	RFI	P.O. Box 9516	21635	21645	15195	11670
Sun	1300	BBC	NewsHour	15220	9515	15070	17705
Sun	1300	RCI	Sunday Morning	17820	11955	9625	NQS
Sun	1310	RM	Music & Musicians	15485	17830	11840	17760
Sun	1330	VO Vietnam	Mailbag	15010	9840	12020	
Sun	1335	SRI	Grapevine	21695	13635	15570	17830
Sun	1400	KW3F	ANARC SWL Net	7240	(LSB - 10AM et)		
Sun	1415	NHK	Hello from Tokyo	11865	9535		
Sun	1430	ABC	Communicator	15365	9580	17630	13745
Sun	1430	ORF	Austrian SW Panorama	21490	13730	6155	11780
Sun	1430	BBC	Anything Goes	12095	15070	17640	21660
Sun	1430	Korea	Shortwave Feedback	9570			
Sun	1430	RFI	P.O. Box 9516	21770	11910		
Sun	1440	R. Beijing	Letterbox	11855	7405	11815	15165
Sun	1515	BBC	Concert Hall	12095	15070	17640	21660
Sun	1530	RS	Mailbag / Spectrum	17875	21500	(1st & 3rd Sunday)	
Sun	1535	SRI	Grapevine	17830	13685	21630	15430
Sun	1600	ODXA	SWL Ham Net	7068			
Sun	1630	RFI	P.O. Box 9516	17620	17850	15360	17795
Sun	1640	ORF	Post Box	21490	13730	6155	
Sun	1645	BBC	Letter from America	11775	15260	15070	
Sun	1700	RM	Culture & the Arts	11840	15485	17670	
Sun	1730	BRT	P.O. Box 26	13675	21815	9925	
Sun	1730	RM	Audio Book Club	11840	15485	17670	
Sun	1730	VOA	Music Time Africa	11760	15580	15410	17800
Sun	1800	RCI	Quirks n Quarks	13670	15260	17820	
Sun	1900	VOA	Mailbag Africa	15410	15580	21625	17800
Sun	1901	BBC	Play of the Week	12095	15070	17640	21640
Sun	1905	HCJB	Salutos Amigos	17790	21480	21455	15270 25950
Sun	1910	Kol Israel	Calling All Listeners	11605	17630	17685	15640
Sun	1915	REE	Radio Club	15395	15375	11790	9875
Sun	1920	Kol Israel	DX Corner	11605	17630	17685	15640
Sun	1930	VOA	Music Time Africa	21625	15580	15410	17800
Sun	1940	ORF	Post Box	13730	6155		
Sun	1945v	RRI	Listener Letterbox	11940	9570	9690	11810
Sun	2005	CBCNQS	Sunday Matinee	9625			
Sun	2010	BBC	Folk or Jazz	15260	15070	12095	
Sun	2010	VOA	Concert Hall	9700	9760	15205	21625
Sun	2030	BBC	Brain of Britain	15260	15070	12095	
Sun	2030	RN	Happy Station	11660	13700	9895	9860
Sun	2030v	WRNO	World of Radio	15420			
Sun	2100	BBC	NewsHour	5975	15260	12095	15070
Sun	2100	BRT	P.O. Box 26	9925	5910	17550	
Sun	2100	Korea	Shortwave Feedback	15575	7550	6480	
Sun	2100	RCI	Double Exposure	13650	7235D		
Sun	2105	SRI	Grapevine	13635	9885	15525	12035
Sun	2115	CBCNQS	Cross Country Check-Up	9625			
Sun	2115v	RRI	Listener Letterbox	11940	9570	9690	11810
Sun	2125	NHK	DX Corner	17890	15340	11840	11815
Sun	2130	DW	Science & Technology	13780	15360	9670	9765 11785
Sun	2130v	R. Cairo	Listeners Mailbag	9900			
Sun	2130	RCI	Air Farce	11880	15150	17820	
Sun	2130	RM	Russian By Radio	17695	15500	11840	12060

Sun	2150	Kol Israel	DX Corner	11605	15640	17575	11588
Sun	2200	RFI	Hit Parade Int'l (FF)	9800	9715	9790	15190 15360
Sun	2200v	R. Sofia	Answering Your Letters	11660	15330	11710	17825
Sun	2205	BBC	Music for a While	9590	15260	15070	12095
Sun	2205	RCI	Air Farce	9755	5960	11905	13670
Sun	2205v	UAE AbDhbi	Arabian Nights	13605	15305	17855	
Sun	2210	RM	Mailbag	11675	11850	11890	15500
Sun	2230v	RFPPI	World of Radio	21465	13630	15030	
Sun	2230v	R. Sofia	DX Program	11660	15330	11710	17825
Sun	2230	VOFC	Mailbag Time	17750	21720		
Sun	2300	IARN	Int'l Amateur Radio Net	7290			
Sun	2300	RCI	Double Exposure	9755	13670	11730	
Sun	2300	RCI	Quirks N Quarks	11940	15235		
Sun	2310	RM	Moscow Mailbag	17735	17670	12040	11850
Sun	2315	BBC	Letter from America	12095	15070	15260	5975
Sun	2315	NHK	Hello from Tokyo	11735G	17810	11815	15340
Sun	2315	UAE AbDhbi	Mailbag program	13605	15305	17855	
Sun	2330	BRT	P.O. Box 26	13720	13655		
Sun	2330	RCI	Double Exposure	9755	5960		
Sun	2330	R. Polonia	DX Club Show	7270	9675		
Sun	2330	RS	Mailbag / Spectrum	9695	11705	(1st & 3rd Sun)	
Mon	0000	RPI	Scrapbook	5930	7345	11990	11685
Mon	0015	REE	Radio Club	9630			
Mon	0015	RM	Science & Engineering	11850	12040	15315	15370
Mon	0030	Korea	Shortwave Feedback	15575			
Mon	0030	RHC	The Jazz Place	11950			
Mon	0030	RN	Happy Station	15560	6020	6165	
Mon	0030	RK	Sunday with Radio Kiev	11790	15485	15525	
Mon	0035	HCJB	Salutos Amigos	9745	15155	21455	usb
Mon	0040	R. Beijing	Letterbox	11715	15285	17705	
Mon	0100	BBC	Drama Feature	5975	7325	7410	9915 12095
Mon	0100	WWCR	Radio N.Y. Int'l	7520	(Crossband RNI 1st/3rdSun)		
Mon	0105	RCI	Inside Track	9535	9755	11940	13720
Mon	0110	Norway	Listener Corner	15360	11925		
Mon	0110	RPI	Encore	5930	7345	9540	11685
Mon	0115	REE	Radio Club	9630			
Mon	0125	DW	Random Selection	6145	11865	9565	15105 13610
Mon	0130	NHK	DX Corner	5960S	17810	17835	17845
Mon	0130	RCI	Air Farce	9535	9755	11940	13720
Mon	0140	ORF	Post Box	9875	9870	13730	
Mon	0140	RHC	Mailbag, POB6240	11950			
Mon	0200	RS	Mailbag / Spectrum	9695	11705		
Mon	0200v	R. Cairo	Holy Koran Program	9475	9675		
Mon	0205	SRI	Grapevine	12035	6135	9650	9885 17730
Mon	0210	RM	Moscow Mailbag	11850	15315	15370	12040
Mon	0215v	RRI	Listener Letterbox	9570	11940	5990	9510 6155
Mon	0230	BBC	Composer of The Month	5975	7325	12095	15070
Mon	0230	RHC	The Jazz Place	15140	11950		
Mon	0235	HCJB	Salutos Amigos	9745	15155	21455	usb
Mon	0240v	R. Cairo	Listeners Mailbag	9475	9675		
Mon	0300	RHC	From Havana	15140	11950		
Mon	0310	RPI	Encore	5930	7345	9540	11685
Mon	0315	BBC	Good Books	5975	7325	12090	
Mon	0315v	R. Sofia	Answering Your Letters	11720	15160	17825	
Mon	0330	BBC	Anything Goes	5975	7325	12090	
Mon	0330	BBC	Network Africa	6005	9600	15420	(African Svc)
Mon	0330	DW	Random Selection	13610	9545	6085	11890 13770
Mon	0330	RS	Mailbag / Spectrum	9695	11705	(1st & 3rd Sun)	
Mon	0340	RHC	Mailbag, POB6240	15140	11950		
Mon	0330	VOFC	Mailbag Time	5950	9680	15345	9765 11740
Mon	0330	RN	Happy Station	6165	9590	[11720]	
Mon	0340	R. Beijing	Letterbox	9690	11715	15285	17705
Mon	0405	SRI	Grapevine	12035	6135	9650	9885
Mon	0410	RPI	Scrapbook	5930	7345	9540	11685
Mon	0410	RM	Moscow Mailbag	17890	11850	15315	12040
Mon	0430	BBC	Off The Shelf	9410	9670	12095	
Mon	0430	RNZ	Mailbox/Travel Pgm	17770	(1st & 3rd Mon)		
Mon	0440	R. Beijing	Letterbox	11685	11840		
Mon	0445	BBC	World of Music	9410	9670	12095	
Mon	0505	HCJB	Salutos Amigos	9745	15155	21455	usb
Mon	0530	BBC	Waveguide	9410	9670	9915	12095
Mon	0530	DW	Random Selection	6120	9670	11845	11890 13770
Mon	0530	RM	Audio Book Club	11850	12040	17890	
Mon	0540	ORF	Post Box	6015			
Mon	0540	RHC	Mailbag, POB6240	11950	11760	5965	
Mon	0610	RM	Moscow Mailbag	17890	11850	15315	
Mon	0630	Korea	Shortwave Feedback	15170	11810		
Mon	0730	ABC	Communicator	21740	15320	17795	



ALASKA

- 11715 0815 **KNLS**: EE: Mx; nx abt Alaskan wildlife; into relig prog (333 7/22 Evanchuck-OH)  
 11820 0920 **KNLS**: RR: Relig tx w/many ments of "Avraham"; address & ID; into "Mira amerikanskiy Jazz" (333 7/25 Westenhaber-PQ)

ANTIGUA

- 5975 0100 **BBC**: EE: ID; world nx; feature on linguistics; classical mx; feature abt history of Yugoslavia (555 7/10 Trescher-PA)  
 9545 0330 **DW**: EE: Prog abt monetary funds (555 7/26 Babin-MA)  
 11810 0200 **DW**: SS: ID as Caribbean relay for DW (333 7/5 Millard-TX)  
 15410 0001 **DW**: GG: Nx abt Pres Bush's visit to USSR inc Kiev (444 8/2 Valentine-CA) @ 2349 in GG w/lots of oom-pah mx (454 8/8 Wakefield-IA)

ANTILLES

- 6165 0300 **RN**: EE: Nx w/cmnty abt problem of locating material used for making nuclear weapons in Iraq (444 7/9 Findlater-CA)  
 9535 0330 **TWR**: EE: Dr James Dobson prog--one of my favorites! (555 7/28 A Jones-TN)  
 9590 0335 **RN**: EE: Prog abt financial nx (555 7/28 Babin-MA)  
 11815 1240 **TWR**: EE: Prog abt Jewish Evangelists (544 7/11 Gaharan LA)  
 11930 0345 **TWR**: EE: Religious program (444 7/3 Millard-TX) @ 0100 in SS ID as "Esta es Radio Trans Mundial" into relig prog (323 7/31 Bellovich-FL) @ 0145 in SS w/DX prog "Monitor DX" hosted by SPEEDXer Daniel Camporini! (433 8/12 Thornton-NJ)  
 15560 0024 **RN**: EE: Nx--Iraq wants to start exporting oil; a report on Algeria's new Government (444 7/11 Brown-IL)

ARGENTINA

- 11710 1046 **RAE**: JJ: DX news in JJ (533 7/25 Fujima-CA) @ 0240 in EE with a OX prog inc Brazilians being heard in the 49 meter band (323 7/24 Evanchuck-OH) @ 1030 in SS w/freq RAE IDs & ment of Buenos Aires (545 7/6 B Robinson-TN)  
 15345 0218 **RAE**: SS: 'Futbol' tournament game: Argentina vs. Venezuela (343 7/9 Flynn-OR) @ 0012 in SS w/ID; weather; & a report on Paraguay vs. Argentina soccer match (444 7/12 Brown-IL)

BOLIVIA

- 4830 1000 **R. Grigotá**: SS: ID; into prog of Spanish mx (333 7/5 Glock CA)  
 4886 1000 **R. Sararenda**: SS: S/on w/full ID; "El Mañanero" prog then ad for a "veterinaria Cordillera" (a veterinarian in the Andean highlands) TCs (6/14 Camporini-Argentina)  
 5004 0026 **R. Libertad**: SS: Continuous mx w/long ID & tx on the half hour (222 7/31 D'Angelo-PA)  
 6084 1010 **R. San Gabriel**: SS: TCs & IDs for both medium wave & short wave freqs. (6/12 Camporini-Argentina)  
 6155 0240 **R. Fides**: SS: Non-stop regional mx (322 7/27 Hankison-KS)

BRAZIL

- 4795 0155 **R. Difusora**: PP: Lat Am mx; long ID by M; back into more mx (433 7/15 Bishop-NY)  
 4875 0647 **Super R. Roraima**: PP: Ballad style mx; ment of Roraima; TC (222 7/6 Lewis-IL)  
 4955 0850 **R. Marajoara**: PP: Full ID w/call letters; "Ave Maria" prayer &  
 4985 0154 **R. Nac do Brazil**: PP: Mx by M; ID @ 0202 (432 7/30 Bishop NY) Bible tx over soft mx; ballad mx (333 7/24 Westenhaber PQ)  
 5045 0253 **R. Cultura do Pará**: PP: 1950's mx in PP; ID; 0301\* (322 7/17 Hart-MN)  
 9515 0010 **R. Marumby**: PP: "Telefoni Musical"; many R. Marumby IDs; jingles etc followed by inspirational message & "musica evangelica"--thought they're supposed to be on 9665! (444 7/7 Lewis IL)  
 9665 0020 **R. Marumby**: PP: Lat Am EZL mx; anmts by M; full ID (444 7/9 Brame-IL)  
 9705 0300 **R. Nacional**: PP: Nx in PP w/Rio de Janeiro site (323 8/4 Babin  
 11925 2355 **R. Bandeirantes**: PP: Endless tx by M; ments of São Paulo; IDs

17815 0038 & TPs (455 7/8 Brame-IL)  
R. Cultura: PP: ID; guitar inst'l mx. Very nice! (434 7/15 Bellovich-FL)

CANADA

5960 0230 R. Japan: JJ: M & W host a prog (555 7/28 A Jones-TN) @ 0130 Korean AM & FM station nx. What happened to the equipment review hosted by Ian McFarland? Now that he is at R. Japan maybe we should write & ask that they continue! (554 7/8 Neff FL) @ 2200 in EE "Comedy Classics" w/'Goon Show', Ed Wynn, Abbott & Costello (555 7/14 Fraser-MA)

6005 0902 CFCX: EE: Nx--four murdered in Alberta; Blue Jays lose in extra innings (The murders did get top billing) (242 8/9 Wakefield-IA) (Sadly, the Expos never get top billing-ed)

6070 2230 CFRX: EE: Ads for home security system; wx (433 7/22 Bishop NY)

9535 0220 RCI: EE: Current affairs prog "As it Happens" w/nx abt Kurds clashing w/Iraqis (444 7/20 Bellovich-FL)

9590 2345 BBC: EE: ID; choir mx from Christchurch; report on a Scottish composer (444 7/11 Brown-IL)

9755 2204 RCI: EE: "Royal Canadian Air Farce". With the Air Farce on summer holiday, 'Comedy Classics' is featured (555 8/4 Pennisi NJ)

11840 0403 R. Beijing: EE: Nx inc Chinese delegation tours the Middle East (533 7/12 Brown-IL)

11955 1304 RCI: EE: "Sunday Morning" prog w/nx abt riot at MC Hammer concert (554 7/28 A Jones-TN)

13670 2318 RCI: EE: Nx abt Maritimes Provinces & Quebec (443 7/2 Gaharan)

15150 2155 RCI: EE: Report abt Africans in France (333 8/3 Brown-IL)

15325 2320 RCI: EE: Nx--Yugoslavian fighting continues; weekend sports w/nx abt Tour de France (333 7/29 Brown-IL)

21675 1920 RCI: EE: European Service w/story on a massive hydro-electric project in Québec (555 7/7 Babin-MA)

CHILE

15140 1800 R. Nacional de Chile: SS: DJ w/lively Lat Am mx (333 7/28 Findlater-CA) @ 2215 w/Argentina vs. Colombia soccer match (444 7/21 Hankison-KS)

COLOMBIA

5019 0342 Ecos del Atrato: SS: Lively Lat Am vcl mx hosted by an equally lively M; ID & s/off annmts (252 7/4 D'Angelo-PA)

5955.1 0903 Caracol-Villavicencio: SS: Ads for Cigarillos Mustang; ID as "Caracol Villavicencio"--not LV de los Centauros! into prog "Caracol en la Tierra" (343 7/24 Westenhaver-PQ)

6115 1953 La Voz de Llano: SS: Prog on naturalista medicine; full ID on the hour--ten minutes of good reception in the early afternoon while the eclipse was over Costa Rica (444 7/11 Huffaker MEX)

6150 0848 Caracol-Bogotá: SS: Open-line phone-in show--one guy wondering abt Japanese imperialism in Lat Am (343 7/25 Westenhaver-PQ) @ 0315 in SS neated debate (444 0315 Hankison-KS) @ 0322 in SS w/cmnty w/2 M on Colombian politics (323 7/18 Bellovich)

COSTA RICA

4832 0912 R. Reloj: SS: Lat Am ballads & pops (322 8/9 Wakefield IA) @ 0525 in SS w/typical light pops; ID & nx (222 8/3 Janusz NJ)

5055 1030 Faro del Caribe: SS: Vocal mx abt 'Lat Fiesta'; "...hasta mañana desde San José..." IDs (545 7/20 B Robinson-TN) @ 0445 in SS w/relig tx; musical interludes; "La Emisora FDC"; more mx (433 7/16 Brame-IL) @ 0116 in SS w/mx (222 7/27 Cichorek NJ)

9725 1230 ARW: EE: Lat Am nx w/commentary (554 7/7 Neff-FL)

13630 2328 RFPI: EE: "Voices of Our World" w/prog abt Kenya (343 7/2 Gaharan-LA) (Westenhaver-PQ) (Findlater-CA)

15030 0400 RFPI: EE: W/w church sermon--send for free relig brochure to address in Eugene OR--also, send money, naturally (333 7/11 Findlater-CA)

CUBA

4765 0600 R. Moscow: RR: IS; ID; M tx in RR (222 8/6 Findlater CA)

5965u 0401 RHC: EE: Nx abt end of Mandela's visit to Cuba. w/carrier now totally suppressed on this, you need the BFO to receive this on my Sony 6500 (242 7/28 Westenhaver-PQ)

11710 0200 R. Moscow: EE: ID as "Radio Moscow World Service"; world nx inc items abt: Iran & Iraq (555 7/20 Trescher-PA) @ 0340 in EE w/interview w/a US Ambassador (444 7/3 Millard-TX)

11760 1100 RHC: SS: Tx abt Cuban independence; Fidel Castro; tx w/minister of transportation--there are no traffic lights in Havana!

20

(555 7/19 B. Robinson-TN)  
 11840 1920 R. Moscow: EE: M & W w/tx on USSR's debt & economic woes (555 7/7 Bellovich-FL) @ 1700 in EE w/ nx of Gorbachev's removal due to "health reasons" (222 8/19 Thornton-NJ)  
 11950 0152 RHC: EE: "DXers Unlimited" w/ment that SSB test on 5965 is now 0300-0600 w/carrier totally suppressed (444 7/28 Westenhaver)  
 15140 0232 RHC: EE: Nx--Fidel praises Nelson Mandela; Shamir says Israel will not give up the West Bank (444 7/25 Brown-IL)

ECUADOR

3220 0905 HCJB: SS: 2 M tx abt Quechua musical groups, w/many fine musical selections from those bands (433 7/27 Lewis-IL)  
 3280 0953 LV del Napo: SS: M anncr w/several ments of La Voz del Napo; announcements for local listeners (332 7/27 Lewis-IL)  
 3290 0203 R. Centro: SS: Newscast in SS. Heard regularly here (7/17 McVicar-Ecuador)  
 3351 0234 R. Cumandá: SS: "Panorama Musical" prog w/good signal; regular schedule (7/17 McVicar-Ecuador)  
 3395 0108 R. Zaracay: SS: M anncr w/tx; into mx (332 7/29 Bishop NY)  
 4795 0215 LV de los Cáraras: SS: M w/political speech; vy good signal; heard regularly lately (7/17 McVicar-Ecuador)  
 4800 0232 R. Popular Independiente: SS: Reading of death announcements; ID; excellent signals (7/17 McVicar-Ecuador)  
 4840 1255 R. Interoceánica: SS: Prog of folk mx; excellent signals; regular schedule ((7/17 McVicar-Ecuador)  
 4920 0555 R. Quito: SS: ID as "R. Quito, La Voz del Capital" into Lat Am mx (555 7/26 Trescher-PA) (Babin-MA)  
 5011.6 1000 Escuelas Radiofonicas Populares: SS: Tx w/children; vocals by children; W w/vocal "Vaquero Andino" (545 7/19 B Robinson TN) @ 0915 in SS/vern w/"El Condor Paso" style mx; TC; ID (444 7/18 Brame-IL)  
 5030 0157 R. Católica Nacional: SS: Modern mx; ID; 0203\* (333 7/25 Hart-MN)  
 5040 0230 La Voz del Upano(p): SS: Lat Am mx; tx; theme from an English Folksong; 0307\* (322 7/25 Hart-MN)  
 5061 0320 R. Nacional Progreso: SS: Lat Am vocals until 0336 ID & s/off annmt; choral NA; 0340\* (252 7/4 D'Angelo-PA)  
 6110 0928 HCJB: Quechua/GG: M tx in Quechua w/IDs; @ 0930 into GG with "Die Fraue'r Unter Uns" (444 7/24 Westenhaver-PQ)  
 11925 1030 HCJB: EE/SS: Musical selections "My Dear Cornhusk" & "12 Noon Mass"; local; & UTC TCs (545 7/19 B Robinson-TN)  
 15155 0322 HCJB: EE: "Ham Radio Today" w/disc abt greyline DXing (333 7/3 Millard-TX)  
 17790 1935 HCJB: EE: "Saludos Amigos" prog abt famine in Africa (545 7/7 Bellovich-FL)  
 17890 1230 HCJB: EE: "A Visit with Mrs. G."--the Dead Sea scrolls account (453 7/6 Fraser-MA)  
 21455u 1440 HCJB: EE: Sermon: "The Best Way to Judge a Christian is to ask 'How does he Handle his Money'" (343 7/30 Westenhaver PQ)  
 21480 1635 HCJB: EE: "Quito Calling" prog w/cmnty on the environment in the aftermath of the Gulf War (434 7/6 Kyburz-CO) @ 1930 in EE w/Ecuadorian mx (333 7/26 Saarikko-NY)

FRENCH GUIANA

11670 0500 RFI: SS: M w/nx & report on the Pan-American games being held in Cuba (444 8/5 Findlater-CA)  
 15325 0310 R. Japan: EE: Nx read by Ian McFarland; "Viewpoint" prog on business support of cultural arts in Japan (555 7/6 Kyburz CO) @ 0322 in EE w/"Lets Learn Japanese" (555 7/28 A Jones TN)

GUATEMALA

3300 0233 R. Cultural: SS: Musical interlude w/brass instruments (222 7/28 A Jones-TN)  
 3370 0101 R. Tezulutlán: SS: Mx; then tx by M & W (322 7/29 Bishop-NY)  
 3380 0250 R. Chortis: SS: Pop mx in SS; tx (322 7/5 Millard-TX)

HONDURAS

4820.2 0209 La Voz Evangélica: SS: M singing accompanied by W; M anncr hosts prog (433 7/20 Wolfson-OH) @ 0205 in SS w/a US contemporary Christian song sung by the same group in SS (433 7/30 Bishop-NY)

MEXICO

9600 1330 R. Universidad: SS: Prog of classical mx (222 7/21 Hankison)

PARAGUAY

9735 0020 **R. Nacional:** SS: Classical mx; M annrc w/ments of Paraguay (7433 7/25 Johnson-IL) @ 2300 in SS w/many, many IDs; speech by an excited M; sports by an even more excited M (544 7/7 Fraser)

PERU

4775 0305 **R. Tarma:** SS: M annrc w/selection of love songs; "R. Tarma" jingles & other IDs referring to "Buena compania...musica... Tarma...4775 kHz" (233 7/15 Lewis-IL) @ 0410 w/SS mx; heard tentative ID @ 0432 (322 7/10 Hart-MN)

4790 0139 **Atlántida:** SS: Mx by a group; into ads read by M (322 7/29 Bishop-NY)

4810 0905 **R. San Martín:** SS: Huaynos; M annrc w/prog sked for today's b'cast; ID; ment of Taropoto (222 7/6 Lewis-IL)

4820 0935 **R. Atahualpa:** SS: "Amanecer Andino"; echo IDs as "R Atahualpa, la radio..."; into huaynos mx (243 7/6 Lewis-IL)

4840 1010 **R. Andahualas:** SS: S/on w/NA & full ID; talkative DJ; some "musica nacional" (333 7/7 Huffaker-Mexico)

4915 1009 **R. Cora:** SS: ID; musical prog (433 6/24 Glock-CA) @ 1000 in SS w/echo chamber ID; musical dedications; @ 1030 band playing "Washington Post March" (545 7/20 B Robinson-TN) (No doubt the choice of music was to get everyone out of bed!--ed)

4955 1036 **R. Cultural Amuata:** SS: S/on w/NA & full ID; mx until 1048 when they went to a relig prog in an Indian language (333 7/11 Huffaker-Mexico)

4977nf 0930 **R. Tawantinsuyo:** SS: \*0930; heard only in the early mornings; s/on amnts; into prog "Amanecer Folclorico" (6/26 Camporini)

4990.9 0233 **R. Ancash:** SS: Prog of local mx w/ID @ 0233 (211 7/14 Hankison-KS)

4996 0901 **R. Andina:** SS: Huaynos; several ments of R. Andina by M; local TCs (222 7/6 Lewis-IL)

6115 0650 **R. Unión:** SS: Lat Am mx w/ID @ 0656 (444 7/14 Hankison KS)

6140 1005 **R. Concordia:** SS: Nx prog "El Noticiero de Concordia; ID; TCs & ads (6/13 Camporini-Argentina)

6192 0950 **R. Cusco:** SS: Folk mx w/cmnty in SS & Quecha; TC & IDs for both medium wave & shortwave freqs. (6/12 Camporini-Argentina)

PIRATES, CLANDESTINES & Unids

7340 0700 **LV del Cid:** SS: M & W w/political tx abt Cuba (222 8/6 Findlater-CA)

7413 0305 **WORK:** EE: Opened with the song "Working for the Man" gave Wellsville NY maildrop address (353 7/7 D'Angelo-PA)

7415 0304 **WKND:** EE: Interview w/"Wild Steve" of XRRK; tx abt FCC (353 7/28 D'Angelo-PA)

7415u 0137 **He-Man Radio:** EE: B'casting in USB "the most manly of all modes". Using Blue Ridge Summit PA maildrop (444 7/7 Lewis IL) (Who was it who first used the phrase 'kids playing radio'? And does this mean that Pirate Jenny from WYMN must use lower side band?--ed)

7415 0403 **KXKB Interplanetary Radio:** EE: Several amusing skits; New Age mx; IDs (555 7/28 Lewis-IL)

7415 0509 **Revolutionary Voice of Plainsville:** EE: "Send in the Clowns" ID; "Plainsville Mailbag" (343 7/28 Johnson-IL)

7415 0225 **Voice of Anarchy:** EE: Rebroadcast of 2nd mailbag program from 7/4/91. Said Chicago QTH; Blue Ridge Summit, PA maildrop (555 7/20 Lewis-IL)

7415 0237 **Action Radio:** EE: "Fab" by George Harrison; ID; maildrop; annrc is AJ Michaels (433 7/28 Lewis-IL)

7415 0150 **WHO:** EE: Skit "The Immigrants"; Dr Who songs & theme ID; QTH 0210\* (444 7/4 Lewis-PA)

9965 0012 **R. Caiman:** SS: M annrc w/many ments of Cuba (333 7/26 Johnson-IL)

UNITED STATES OF AMERICA

5950 0330 **VOFC:** EE: Mailbag prog w/Jade & Wendy (555 7/28 A Jones TN)

7315 0053 **WHRR:** EE: Croatian Radio, Zagreb w/M describing troubles in Croatia (434 7/20 Ballovich-FL)

7395 0110 **WSHB:** EE: A report on the 50th anniversary of the Blitz; an interview w/Edward R Murrow's widow abt his b'casts (555 7/17 Brown-IL)

7315nf 0300 **WRNO:** EE/SS: Jeff White gave an EE ID & SS "R. Miami Int'" IDs; prog preview (444 7/27 Westenhaver-PQ)

7435nf 0103 **WWCR:** EE: Nx abt USA Radio Network; carted ID "Clear Channel 7435, WWCR"--this is test of 2nd xmtr (444 7/27 Westenhaver PQ)

22

7510 1309 **KTBN:** EE: Oral Roberts hosting a prog (433 7/22 Bishop NY)  
7520 0033 **WOCR:** EE: M anncd start-up date for 7435 kHz as 7/29; into  
Chuck Harter's "For the People" (343 7/6 Johnson-IL)  
9455 2220 **WSHB:** EE: Feature on German composer Robert Schumann (555 7/15  
Fraser-MA)  
9475 0130 **VOA:** SS: Tx abt USSR, Cuba, & Gorbachev (555 7/9 Trescher PA)  
9630 0224 **VOFC:** EE: Joanna Foo's science & technology prog (555 7/28  
A Jones-TN)  
9785 0328 **KVOH:** EE: Prog with--who else?--Dr. Gene Scott (555 7/28  
A Jones-TN)  
12160nf 1413 **WWCR:** EE: Preacher before live audience--sounds like Dr. Gene  
Scott. This is their new 2nd xmtr--not //15690 (444 7/30  
Westenhaver-PQ)  
13760 2320 **WHRI:** EE: Prog of Christian pops (554 7/2 Gaharan-IA)  
13750 0055 **WSHB:** EE: Report of the Supreme Court Justices; ID; address  
(555 7/17 Brown-IL)  
15590 2311 **KTBN:** EE: Rev Shambock's prog w/tx abt getting donations to  
Finance TBN b'casts in S Africa--even had tape of Pres de  
Klerk helping them out! (343 7/27 Westenhaver-PQ) @ 1734 in EE  
w/prog host Jimmy Swaggert: Rev Swaggert said he reads the  
Bible from cover to cover 3 times a year! (433 7/31 Bishop-NY)  
15610 1730 **WSHB:** EE: Live Church service broadcast from Boston (555  
7/28 Card-RI)  
15665nf 2053 **WCSN:** EE: "Monitor Radio" w/piece on what it's like to be a  
cab driver in San Francisco (242 7/29 Westenhaver-PQ)  
15690 2305 **WWCR:** SS: "La Voz de Municipios de Cuba" prog with anti-  
Castro programming (444 7/22 D'Angelo-PA)  
17525nf 1459 **WWCR:** EE: ID & s/on anmts over steel drum mx; @ 1500 into Dr.  
Gene Scott--this is new 2nd xmtr, not //15690 kHz (555 7/30  
Westenhaver-PQ)  
21500 1730 **WYFR:** EE: "Echoes"; Christian prog w/Harold Camping (544 8/4  
Pennisi-NJ)  
21720 2240 **VOFC:** EE: Prog of hard rock mx (333 7/26 Saarikko-NY)

#### URUGUAY

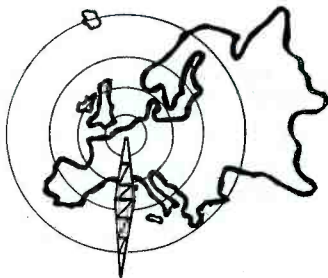
11835 2230 **R. El Espectador(t):** SS: M anncr w/good Lat Am mx; heavy fad-  
ing made it impossible to get an ID (322 6/27 Babin-MA)

#### VENEZUELA

4830 0348 **R. Táchira:** SS: Lat Am mx; ID @ 0355 (333 7/8 Hart-MN)  
4840 0856 **R. Valera:** SS: s/on anmts; vocal NA; R. Valera jingle; pop  
mx in SS (232 7/6 Lewis-IL)  
4940 0930 **R. Continental:** SS: M anncr host prog of Lat Am mx (222 8/4  
Findlater-CA)  
4970 0300 **R. Rumbos:** SS: ID; M anncr w/tx & Lat Am mx (222 8/3  
Findlater-CA) (Hart-MN)  
4980 0309 **Ecos del Torbes:** SS: M w/vocal mx in SS; //9640 kHz (322 7/9  
Hart-MN) (Wakefield-IA)  
9540 1130 **R. Nacional de Venezuela:** EE: Nx in EE read by M & W; ID @  
1150 (444 7/19 Dome-TX) @ 0020 in SS w/ tx & ID by M; W gave  
address & freq into; Lat Am mx (444 7/9 Brame-IL) @ 0040 in EE  
w/nx abt Venezuela; "Venezuelan Week in Review" (434 7/18  
Glock-CA)  
9660 0230 **R. Rumbos:** SS: Excited anncr b'casting 'futbol' game (333  
7/6 Findlater-CA)

FILL THAT GAP! Rich McVicar's logs were edited from a typewritten  
list taken from recent 'Quito Logbook' segments of "DX Partyline". Here is a  
sked for that popular program. If you haven't heard it lately, you have no  
idea of all of the good information and features you are missing! UTC  
Saturday 0739-0830 to S. Pacific on 9745 & 11925 kHz; to Europe on 11835,  
15270 & 17790 kHz. At 1009-1100 to S. Pacific on 9745 & 11925 kHz. At  
1909-2000 to Europe on 15270, 17790 & 21480 kHz. On UTC Sunday to N. America  
@ 0039-0130; again @ 0239-0330 & also 0509-0600 on 9745 & 15155kHz. Also,  
21455usb kHz can be tried for any of the above listings. Here are some  
corrections from the July SPEEDX: The logging for Union Radio in Guatemala  
should have been 5950 kHz; R. Tropical, Peru should have been 4935 kHz and  
the correct name of the Mexican station on 6020 kHz is "La U de Veracruz" not  
'Universidad' All of errors were mine, not the contributors'. Ed Janusz said  
he should reduce my pay for these errors, but like all SPEEDX staffers, I'm  
not paid anything to begin with! In the July CIDX Messenger, columnist Larry  
Shewchuck said that there is a possibility that RCI may again produce one of  
it's original programs "Coast to Coast". Let us hope this rumor becomes a  
fact and that "North Country" and "Listener's Corner" are not far behind.  
Until next month, remember to have fun with your radio! 73s & Good DX *dlm* 23

# EUROPE



BOB COLYARD  
84 HARRISON AVE  
BRICK, NJ 08724

The summer here on the Jersey shore has been very nice, and the ocean water quality has been better. Hopefully, I haven't been spending so much time on the beach that I don't get this column finished on time.

I received a letter from Don "Portables on Parade" Brewer commenting on my comments about "Dvorak", and exclaiming that he thought he was the only SPEEDXer who was into classical music. I doubt that. I think most DXers are wise to classical music. You're right too, Don. Classical music is a great stress buster in this day and age. Well, back to the beach. Splash!

## ALBANIA

### Radio Tirana

73°*Bob*

6120 2336 RT: EE: Encouraging "black market" economy, increasing market forces, exploiting the people. (43444 7/16 Leader-IR)

## AUSTRIA

### Radio Austria Int'l    Radio Canada Int'l

9870 0145 RAI: EE: Program on Austrian country fair. (544 7/26 Babin-MA)  
2248 RAI: SS: YL/OM talk, into closing anmts. (422 7/21 Bishop-NY)  
9875 0130 RAI: EE: News on Austrian elections & sports. (444 6/18 Glock)  
1st hand report on Czechoslovakian dissent. (444 7/6 Neff-FL)  
0200 RAI: SS: OM w/news. (333 7/15 Findlater-CA)  
13730 0130 RAI: EE: news: Austrian Plans to close small local police stations, and bumper to bumper traffic on the road to Hungary. (444 7/21 Brown-IL)  
0148 RAI: EE: Elizabeth Blaine talks about what's being presented at this year's Bregenz Festival. (343 7/26 Westenhaver-PQ)  
0333 RAI: EE: Discussion about Yugoslavia. (444 7/4 Millard-TX)  
1949 RAI: EE: Swimming pools threatened by empty coffers. (45434 7/13 Leader-IR) I don't "gurgle" have that problem here. -BC  
15275 0400 RCI: EE: //15445(Wertachtal); RCI news read by Andre Courey; then cut version of "As It Happens" @0409. (232 7/26 WW-PQ)  
21490 1144 RAI: EE: "Austrian Coffee Table" w/movements from Mozart's oboe/clarinet concerto, hosted by Eugene Hartzell. Good reception for once. (444 7/27 Westenhaver-PQ) He likes it!

## BELGIUM

### Belgische Radio en Televisie    Radio Television Belge de Francaise

13710 2330 BRT: EE: Domestic & int'l news; "Radio World" w/comments about shortwave listening; music selection, "Tin Pan Ally"; & then "Tourism". (555 7/6 Card-RI)  
News about the economy and "Week In Review". (433 7/16 Brown)  
Domestic news abt illegal immigrants. (545 7/12 Bellovich-FL)  
21460 1600 RTBF: FF: OM & YL w/news. (222 7/16 Findlater-CA)

## BULGARIA

### Radio Sofia

11660 0022 RS: FF: OM w/news, mx. Radio Netherlands heard under this B/C. (544 7/30 Wolfson-OH) Surprised RN doesn't change this. -BC  
2200 RS: EE: "Answering Your Letters"(Sun). (352 7/28 Jones-TN)  
2230 RS: EE: "Answering Your letters"(Tue). (443 7/2 Gaharan-LA)  
2232 RS: EE: "DX Program" w/ham propagation and SWBC skeds & tips; ID and vocal music. (243 8/2 Westenhaver-PQ)  
2355 RS: EE: Very bad Bulgarian folk music & children's choir. QRM de co-ch RFI. (322 8/7 Wakefield-IA)  
11720 0310 RS: EE: News and ID. (454 7/26 Babin-MA)  
15290 0500 RS: Lang?: IS, ID & OM/YL w/talk. (333 7/15 Findlater-CA)  
15330 2200 RS: EE: Program on MENSA Int'l; talk of the American Congress, and the environment. (545 7/10 Robinson-TN)  
2240 RS: EE: "DX Program"(Fri) w/details about Radio National de Angola. (54444 7/12 Leader-IR)  
2337 RS: EE: About the new Bulgarian constitution, and talk on the ballet. (333 7/23 Brown-IL)  
17825 0310 RS: EE: //15160(232), 11720(222); Comments on Moscow summit & on Romanian pollution flowing into Bulgaria. ID @0315. (343 7/31 Westenhaver-PQ)  
2315 RS: EE: //11660; "Answering Your Letters"(Sun) with Daniella mentioning a letter from Betsy Robinson. (Who?)(323 8/18 BC)



**CZECHOSLOVAKIA**Radio Prague Int'l

5930 0110 RPI: EE: Talk on Czech poets & visionaries. (545 7/7 Babin-MA)  
 0200 RPI: SS: IS, ID and Latin type music. (222 8/3 Findlater-CA)  
 0328 RPI: EE: Sign off then 30 seconds of music. (544 7/9 Babin-MA)  
 7345 0106 RPI: EE: //11685; News; comment on German/Czech treaty talks,  
 and into "DX Special". (433 7/26 Johnson-IL) w/Libor Kubik.  
 11685 0103 RPI: EE: YL w/news. CW QRM. (533 7/30 Wolfson-OH)  
 2357 RPI: EE: IS w/ID in Czech & EE; news. (333 8/8 Wakefield-IA)  
 11990 0005 RPI: EE: "Probe" w/John Tregellas, on AIDS in Czechoslovakia;  
 "Science and Tech" w/Olga Holeckova; and then into "Mailbag"  
 w/Lenka Adamova & Bill Bathurst. (444 8/18 BC-NJ) Name game!

**EURO-PIRATE**

12255 0308 Radio Fax: EE: Mix of old & new rock music; read listener's  
 reception reports; w/YL "on 6205 to Europe and beyond, you  
 are listening to Radio Fax". (232 7/24 D'Angelo-PA)

**FINLAND**Radio Finland

11755 2135 RF: EE: Greenpeace calls on Finnish Government to preserve  
 the "Laplander" way of life. (333 8/3 Brown-IL)  
 15185 2310 RF: EE: Finnish language lessons. (323 7/27 Saarikko-NY)  
 15400 1314 RF: EE: "Starting Finnish", "Finns and Finland"; then news  
 read by Terri Schultz and travel program. (444 7/28 Lewis-IL)

**FRANCE**Radio France Int'l

11670 0039 RFI: FF: Music; two OM w/talk; ID & frequency sked; into SS  
 @0100. (555 7/30 Wolfson-OH)  
 0200 RFI: FF: News about Canada, Syria & Austria; into FF pop music  
 program. (555 7/18 Trescher-PA)  
 11670 1239 RFI: EE: Hotel in Corsica destroyed by an explosive charge.  
 (55444 7/14 Leader-IR)  
 17620 1643 RFI: EE: "Club 9516" letter program w/listeners quiz, question  
 on French "rap music" and a record request; music by Paul  
 Simon. (333 7/28 Brown-IL)  
 17695 \*1600 RFI: FF: Magazine program "Carrefour"... today on 1st anniv.  
 of Iraq's invasion of Kuwait. This frequency is in use from  
 1600-1700 ut. (343 8/1 Westenhaver-PQ)

**GERMANY**Deutsche Welle      Radio Canada Int'l      Voice of America

3995 0127 DW: GG: OM w/talk and GG music. (322 7/15 Bishop-NY)  
 6010 0345 DW: GG: Sign on after 5 minutes of tone. (444 7/28 Babin-MA)  
 11810 0346 DW: EE: Larry Wayne with Jezzy the cat. (my favorite program)  
 (545 7/28 Jones-TN) Years ago Humorist Gene Shepard had a  
 show similar to Larry's on WOR in New York. I always felt it  
 a shame Shepard wasn't on the VOA doing his show. Oh well! BC  
 13770 2310 DW: GG: Comments on hostages release. (333 8/8 Wakefield-IL)  
 13790 0047 DW: SS: Freq anmts, ID & IS till 0050\*. (444 7/25 Johnson-IL)  
 15275 0340 DW: Pashto: YL w/news; local music bridge, talk and more local  
 lute music; ID, freq anmt & site ID @0350\*. (343 7/30 WW-PQ)  
 15390 2014 DW: PP: Report of unrest in Madagascar & "Inkathagate" scandal  
 in South Africa; site ID @2049\*. (343 7/29 Westenhaver-PQ)  
 17745 0433 RCI-Wertachtal: AA: //15275(Austria); YL w/news & Canadian Wx;  
 ID & program preview. Weaker than Austrian //, but didn't  
 have that freq's "telephonic" audio. (242 7/31 Westenhaver)  
 17885 2300 VOA-Munich: EE: OM w/news. (333 7/30 Findlater-CA)  
 21535 1832 VOA-Wertachtal: AA: Program of EE disco music w/YL host; ID  
 @1845 and talk on Moscow summit. Some QSB. (343 7/29 WW-PQ)  
 21695 1915 DW: AA: Arabic service. (454 7/7 Babin-MA)  
 21710 \*1059 DW: JJ: IS w/site ID; Baroque music and YL w/sign on routine,  
 "Kochirawa Deutsche Welle..."; freq anmts and into news.  
 Clear channel, but some QSB. (333 7/24 Westenhaver-PQ)

**GREECE**Radiophonikos stathmos Makedonias      Voice of Greece      VOA

9395 0140 VOG: EE: "Voice of Greece" ID. (555 7/26 Babin-MA)  
 2000 VOG: Greek: YL w/news & Greek mx. Poor. (222 7/8 Findlater-CA)  
 9420 0344 VOG: EE: YL on strife in Yugoslavia. (noisy 7/28 Jones-TN)  
 9700 1910 VOA-Kavala: EE: Bush's speech at the Moscow summit in July.  
 (534 7/8 Trescher-PA)  
 2012 VOA-Kavala: EE: "Evening Report" on VOA Europe w/Wx & current  
 affairs. Sounded too good to be via Kavala. (343 7/25 WW-PQ)  
 11595 2245 RSM: Greek: Program of Greek music. (333 7/27 Hankison-KS)  
 11645 0016 VOG: Greek: //9395; Music and YL w/talk. (544 7/30 Wolfson-OH)  
 0130 VOG: EE/Greek: News, Greek music & talk Greek monuments in the  
 country of Turkey. (555 7/30 Glock-CA)  
 0331 VOG: Greek: Program called "Opah". (333 7/3 Millard-TX)  
 0345 VOG: EE: News about uprising in Yugoslavia. (333 7/8 Hart-MN)

**HUNGARY**Radio Budapest

- 9835 0212 RB: EE: "Business Partners": talk abt Hungarian exhibition in Edmonton to encourage investment in Hungary. (444 7/24 WW-PQ)  
 0230 RB: EE: Topic abt Hungarian Photography. Found this interesting, since I make a living as a photog. (333 7/5 Millard-TX)  
 11910 0030 RB: HH: News of South Africa; talk of opera singer & Mozart's "Don Giovanni". (545 7/2 Robinson-TN)  
 0200 RB: EE: National news. (544 7/11 Gaharan-LA) @0206: "The News Room", "Business Partner" & "DX World". (44 7/21 Glock-CA)  
 0215 RB: EE: News about Hung. labor management. (444 7/22 Dome-TX)  
 0237 RB: EE: OM w/talk about George Frederick Handel and his music. (545 7/13 Bellovich-FL)  
 0239 RB: EE: History of the Soviet occupation. (433 7/2 Hart-MN)  
 0240 RB: EE: OM w/discussion of major changes in the DX program and new broadcasting format starting July 1. (444 7/2 Kyburz-CO)

**ICELAND**Icelandic National Broadcasting Svc

- 9268 0125 INBS: Icelandic: OM announcer with Icelandic pop single that was quite good. (444 7/7 Babin-MA)  
 Media Network a few weeks back reported English at 0730 ut on 9628 kHz. Anyone heard it yet? That's too early for me. -BC

**ITALY**Radiotelevisione Italiana

- 9575 \*0100 RAI: EE: News on the Yugoslav crisis. (544 7/10 Fraser-MA)  
 Gorbachov arrives in London for G-7 meeting. (333 7/16 Brown)  
 Antenna change at sign-on took Morocco right off the air. (544 7/7 Babin-MA)  
 11800 \*0100 RAI: EE: Treaty on Yugoslavia is approved; Yugoslavia is biggest story in the Italian press; into jazz. (333 7/10 Brown)  
 1930 RAI: II: //9710(252); News by YL on foreign tourists flocking to Italian beaches. (453 7/7 Fraser-MA)  
 15245 2230 RAI: II: //11800, 9575; OM w/talk & operatic vocals. (222 7/30 Findlater-CA)  
 15330 0419 RAI: II/EE: Talk to 0425; EE s/on anmts for Mediterranean svc on 5990/7275; news to 0428, then into music program & //17795 which it should have been all along. (344 7/31 Westenhaver)  
 Bill writes this should have been the Amharic Svc //17795 all the way. He noted it must have been a punch-up error by RAI. He also mentioned the EE news was not by the "Dead Lady" but a real "live" YL. Bill has noticed errors on RAI's African services before. He says maybe their techs are not getting enough cappuchino or espresso in their diet. -BC  
 17780 1830 RAI: II: IS, ID and news by OM. (333 7/22 Findlater-CA)  
 1840 RAI: II: Pleasant instrumental mx; @1905\*. (244 7/5 Flynn-OR)  
 17795 0416 RAI: Amharic: IS, ID & opening anmt; news in "city" format, leading w/Moscow summit. On top of Australia. (333 7/31 WW-PQ)  
 0435 RAI: II: Afr Svc: News. Mild QRM from RA. (444 7/7 Babin-MA)  
 21560 \*1400 RAI: II: //17800(222); IS, s/on & freq anmts; this broadcast for Canada; a couple of music bridges then OM w/news. Both freqs heavy QSB. (333 7/15 Westenhaver-PQ)

**LUXEMBOURG**Radio Luxembourg

- 6090 0055 RTL: GG: English language pop & EZL tunes incl: "Feelings"; GG news by YL. Dominant over co-ch Radio Bandeirantes in Brazil. (333 7/23 Lewis-IL)  
 0130 RTL: GG: Pop music including Madonna's "Material Girl". (333 7/26 Johnson-IL)  
 15350 0605 RTL: EE: Pop music and Horoscopes. (444 7/24 Evanchuck-OH)  
 1405 RTL: EE: "Radio Luxembourg" jingle; song "Jack and Dianne" by John Cougar Mellencamp. (222 7/28 Lewis-IL)

**MALTA**Deutsche Welle Voice of Mediterranean

- 9565 \*0059 DW: EE: ID, news on Gorbachov & G-7 countries. (433 7/17 Brown)  
 0115 DW: EE: "European Journal"; contest rules for winning a DX Receiver... "good night from Cologne". (555 7/2 Robinson-TN)  
 9765 0525 VOM: FF: YL w/classical music program. (433 6/23 Babin-MA)  
 \*0600 VOM: EE: s/on, ID and schedule. (222 /7/8 Hart-MN)  
 0607 VOM: EE: An interview with an author of Maltese history. (333 7/11 Evanchuck-OH)  
 15205 0320 DW: EE: Discussion about the problems facing Berlin & Eastern Germany. (433 7/3 Millard-TX)  
 15425 0050\* DW: II: OM w/ID, anmts & EE site ID. (333 7/6 Cichorek-NJ)

**MONACO**Trans World Radio

- 6230 0345 TWR: GG: (Tentative) Gospel choir music. Extreme QRM on this freq. (222 6/28 Jones-TN)

**Euro-Pirate news from Steven Willers in hot and sticky Basel, Switz.**

6210 0715 **European Christian Radio:** EE: IS, ID and address. (344 7/28)  
6211 0903 **UNID:** ??: Non-stop French pop music, no DJ, off abruptly at  
1002. Heard again on 7/28 @0725. (344 7/21) -France?  
6240 2340 **Radio Merlin:** EE: Rock n roll, Beatles, frequency anmt,  
British DJ. (242 7/7) -United Kingdom?  
6282 2250 **Live Wire Radio:** EE: Wendy James, Free, Live phone-ins.  
(343 7/7) -England  
6290 0840 **UNID:** ??: Music from Elvis, I would guess this station is  
Radio Orion Int'l. (042 7/28)  
7140 0903 **Radio Italia:** II: Live phone calls, pop music & ID. Strong  
fading. (141 7/7) -Italy  
7292 0803 **Radio Europe:** II: Male DJ w/disco music, many IDs. (143 7/7)  
9815 1018 **European Gospel Radio via IRRS:** EE: "Back to the Bible",  
address in USA. (042 7/28) -Italy  
12255 2326 **Radio Fax:** EE: Music from 1963, letters read out. (143 7/7)  
Steve says **Radio Tower** (Holland), transmitting bi-weekly to USA:  
Saturday and Sunday mornings **0200-0500 CEST on 15050 kHz**  
sometimes at 0230-0530 CEST  
Address: Radio Tower, P.O.Box 19074, NL-3501 DB, Utrecht, Neth.  
Steve also says the Voice of Europe is not on the air.

Tnx Steve

**NETHERLANDS**

Radio Netherlands

6020 0050 **RN:** EE: "Media Network" w/review of Sony's new ICF-SW77.  
(433 7/26 Johnson-IL) And a report on Radio Free Asia.  
(444 7/26 Brown-IL) Same time, same station, same state. -BC  
9715 1210 **RN:** EE: Barrel organ di Arabia, "Summer Disco". (55444 7/14  
Leader-IR)  
13700 0349 **RN:** Dutch: "De Wereldomroep" ID in passing; talks about dis-  
covery of 1st planet outside solar system. (242 7/26 WW-PQ)  
2030 **RN:** EE: "Happy Station" w/"Trip through Holland" in song and  
story. (454 7/21 Fraser-MA) and Mailbag. (333 7/14 Brown-IL)  
13770 1500 **RN:** EE: DJ w/pop music of the 40's. (333 8/4 Findlater-CA)  
21750 0800 **RN:** Dutch: OM w/news. (333 7/2 Findlater-CA)

**NORWAY**

Radio Denmark Radio Norway Int'l

11735 0700 **RNI:** Norwegian: OM/YL w/dialog. (222 7/28 Findlater-CA)  
15175 0330 **RD:** Danish: OM w/talk. Poor. (222 7/30 Findlater-CA)  
15355 1501 **RNI:** EE: 115,200 are now unemployed in Norway. (333 8/3 Brown)  
1510 **RNI:** EE: "Pinpointing People & Places" on artist Edvard Munk.  
(454 7/21 Fraser-MA)  
15360 \*0058 **RNI:** EE: IS, ID & news; "Listener's Corner". (433 7/29 Brown)  
\*0200 **RNI:** EE: IS, ID & "Norway Today". (222 7/21 Brown-IL)  
17730 2200 **RNI:** Norwegian: OM w/news. (333/7/8 Findlater-CA)  
17755 1800 **RNI:** Norwegian: OM w/news. QRM de co-ch VOA. into R. Denmark  
at 1830 in Danish. (222 7/22 Findlater-CA)  
17790 1510 **RNI:** EE: "Rock Box" the monthly pop music program. (454 7/7  
Fraser-MA) (333 8/4 Brown-IL)  
21705 2205 **RNI:** EE: Norway to protest British waste site. (333 7/27 Brown)

**POLAND**

Radio Polonia

7270 2235 **RP:** EE: News about Poland. (533 7/7 Babin-MA)  
9675 2347 **RP:** EE: Talk about paging units and telephone technology in  
Poland. (44244 7/16 Leader-IR)

**PORTUGAL**

Radio Portugal

9555 0232 **RDP:** EE: News and "Challenge of '92". (444 7/24 Brown-IL)  
0249 **RDP:** EE: //9600, 9705; "Music Time"(tues) w/Portuguese pop  
music. Boring, Italian/Abba-sounding. (444 7/24 Westenhaver)  
9600 0045 **RDP:** PP: Letter music request program. (545 7/7 Babin-MA)  
0232 **RDP:** EE: News and WX; talk on Russian ballet. (222 7/17 Brown)  
9705 0238 **RDP:** EE: English to NAM; News & "Tourism"; long music bridge.  
(433 7/9 Flynn-OR) EEC warns Portugal to get its inflation  
in line; PAP w/record passenger traffic. (333 7/10 Brown-IL)  
11840 0246 **RDP:** EE: The weather is sunny and warm. (423 7/10 Hankison-KS)  
15425 \*1502 **RDP:** EE: s/on & freq anmts(still lists 1600). (222 8/9 BC-NJ)  
17740nf 2000 **RDP:** EE: ex15250; "Music Time". Good choice of freq here. This  
change also not in off-air sked as usual. (555 8/12 BC-NJ)  
Beware! RDP skeds in bulletins & BBSS are sometimes wrong. BC

**ROMANIA**

Radio Romania Int'l

11940 2015 **RRI:** EE: "DX Mailbag" w/letters & reports. (333 8/17 BC-NJ)  
15255 2201 **RRI:** SS: ID & freq anmt; then items of Romanian news by OM  
w/very affected accent -I don't think his R's have stopped  
rolling yet-hi! Mixing w/co-ch VOA in EE. (333 7/31 WW-PQ)  
15365 1435 **RRI:** FF: (Tent) Music & tlk to Africa. (312 7/4 Hankison-KS)

**SPAIN**      Radio Beijing      Radio Exterior de Espana      Spanish National Radio

7105 0402 REE: SS: //9630(343), //11880(343) to NA, //15365(232) to CAM; ID, freq anmt, pgm preview & news. This freq is for Europe. (343 7/31 Westenhaver-PQ)

9580 2240 REE: SS: News and ID. (444 7/4 Babin-MA)

9630 0025 SNR: EE: YL w/vocal "Black Snow". (544 7/25 Bishop-NY)

0100 SNR: EE: News, US closes its Spanish bases. (444 7/13 Brown)

9650 0600 REE: SS: YL/OM w/dialog. (333 8/5 Findlater-CA)

9690 0318 RBJ: EE: "Travel Talk" tour of provinces. (433 6/30 Brown-IL)

11880 0128 REE: SS: DX show w/same intro mx as EE pgm. (444 8/18 BC-NJ)

11920 0600 REE: SS: OM w/news. (333 7/22 Findlater-CA)

15110 2000 REE: SS: OM w/news & Latino music. (333 7/10 Findlater-CA)

2240 REE: SS: Local Spanish news & sports. (555 7/1 Trescher-PA)

15325 2202 REE: SS: ID as "Radio Exterior de Espana, servicio Mundial" (242 7/29 Westenhaver-PQ) I'm using REE for SS World Svc. BC

15365 0300 REE: SS: OM w/news. (333 8/3 Findlater-CA)

21570 1500 REE: SS: end of "Espanoles en la Mar" then ID as: "Servicio Mundial de Radio Ext. de Espana". (343 7/26 Westenhaver-PQ)

**SWEDEN**      Radio Sweden

9695 0200 RS: EE: News, "Mailbag", "Stamp Corner". (555 7/8 Trescher-PA)

0330 RS: EE: "Mailbag" w/talk about a book. (444 7/21 Glock-CA)

0340 RS: EE: //11705; to NAM; "Stamp Corner", "Tourism", "Mailbag". (Monday utc or Sunday night local time -BC) (443 7/8 Flynn-OR)

2355 RS: EE: Program on human rights & Amnesty International. (333 7/31 Cichorek-NJ)

11705 0225 RS: EE: Cremation & Mercury air pollution from tooth fillings. (544 7/25 Neff-FL) These are not good times for dentists. -BC

15390 0600 RS: Swedish: OM w/news. (222 7/23 Findlater-CA)

17870nf 1530 RS: //21500; News abt the crisis in the USSR. (333 8/20 BC-NJ)

**SWITZERLAND**      Swiss Radio Int'l

6135 0200 SRI: EE: ID ,news & "Dateline" abt the UN. (333 7/12 Brown-IL) "The 2 Bobs", propagation & solar storms. (554 7/7 Neff-FL)

9650 0158 SRI: EE: Alpine music; news & "Dateline". (444 7/22 Brown-IL)

9885 0404 SRI: EE: News, "Dateline", Swatch watches. (555 7/13 Glock-CA)

12035 \*0159 SRI: EE: IS, ID & news; "Dateline". (433 7/10 Brown-IL)

13635 2100 SRI: EE: ID & news, Bush & Mitterand meet. (333 7/14 Brown-IL)

**UNITED KINGDOM**      British Broadcasting Corp      Radio Canada Int'l

7295 0507 RCI: FF/EE: //6050(242); new/wx/sports; @0515: into EE (by Jim Craig); & RCI news/wx/sports, "Open House". (343 7/31 WW-PQ)

7325 0251 BBC: EE: Report on the House of Commons. (333 8/2 Brown-IL)

9640 0500 BBC via Antigua: //5975(545); World news. (444 8/6 Brewer-KS)

9915 0130 BBC: EE: "Seven Seas" w/Malcolm Billings. (544 8/3 Cichorek-NJ)

0200 BBC: EE: ID & time pips; Newsdesk. (555 7/18 Trescher-PA)

0238 BBC: EE: "The Musician's Musician" w/music. (555 7/28 Jones-TN)

12095 0445 BBC: EE: "World of Music" w/modern Merangue music from the Dom. Republic. (553 7/8 Flynn-OR) (333 7/3 Millard-TX)

15190 0925 BBC: EE: "Your Christian Faith" abt Muslims. (333 8/6 Brewer)

17640 1625 BBC: Wealth & responsibility & poverty. (333 7/28 Brown-IL)

**VATICAN CITY**      Vatican Radio

9605 \*0250 VR: EE: IS, ID & news, Pope enjoys the mountains this week; Int'l news, Gorbachov meets with G-7. (433 7/17 Brown-IL)

11625 0250 VR: EE: Commentary on Bush's nomination of a black Catholic for the Supreme Court. (434 7/2 Kyburz-CO)

0250 VR: EE: Report on Peru and its problems. (444 7/25 Brown-IL)

15090 0145 VR: EE: OM w/ID and news. (222 7/29 Findlater-CA)

**YUGOSLAVIA**      Radio Yugoslavia

9620 0029 RY: EE: "P.O.Box 200" (alt Fri/Sat) mailbag program with local Folk mx & letter from SPEEDer Andy Wallace. (444 7/28 WW-PQ)

\*2359 RY: EE: IS, ID, freq anmt & news by YL. (344 7/17 Cichorek-NJ)

11735 \*0000 RY: EE: //9620(422); s/on after Radio Japan cleared frequency. Nx of the Croatian independence situation & commentary; then music(jazz) @0016. Excellent signal. (444 8/4 Evans-TN)

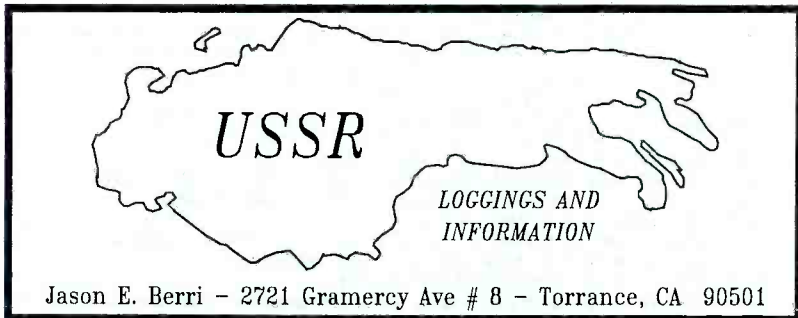
0000 RY: EE: "We are still faced with armed action" tlk of Yugoslav People's Army. (545 7/2 Robinson-TN) (333 7/18 Brown-IL)

0000 RY: EE: news of Slovenian crisis; music, & "Economic Review" @0018; off @0038\*. (544 7/4 Wolfson-OH)

0000 RY: EE: "Many were killed in clashes between Croat militia & Serb nationalists. (433 7/28 Johnson-IL)

0000 RY: EE: "Situation in Croatia is deteriorating.., several shots have been heard. (433 7/3 Hart-MN)

0020 RY: EE: "Spotlight On Culture". (433 7/9 Gaharan-LA) (Babin-MA)



USSR	Radio Moscow	Radio Kiev	Radio Tashkent	Radio Vilnius	Radio Yerevan
4860	2335	R. Chita: RR: Buryat, local mx (333 6/17 Kiselyov-URS)			
4957	2055	R. Azerbaijan: Azerbaijani: folk mx (433 6/3 Kiselyov-URS)			
6065	1418	RY: RR: tlk on Karabah (333 6/22 Kiselyov-URS)			
7170	2215	R. Beijing: EE: cmtry on Tibet (454 6/2 Kiselyov-URS)			
7245t	2335	R. Dushanbe: RR: M tlk, good signal but mod QRM from Amateurs (322 6/21 Babin-MA)			
9560	1800	R. Dalnyi Vostok-Rossia: RR: pop concert (353 6/17 Kiselyov-URS)			
9655	1630	RM: EE: M w/ African nx including a remarkable account of a Russian Priest in South Africa (444 7/18 Valentine-CA)			
9685	2358	RM: FF: "Kalinka" theme mx, chimes @ 0000, ID/anmt, nx of START treaty signing,    11730 (444 7/31 Westenhaver-QU)			
9895	2035	Kamchatka R.: RR: pgm for seamen (354 6/17 Kiselyov-URS)			
11520	2346	RM: SS: M/W tlk, M nx, ID, IS @ 2359, M nx (444 7/29 Wolfson-OH) ( <i>Chances are this is a spur, which Bill Westenhaver (and I agree) thinks is a mixing product of 11790 and 12060. A similar spur has been observed on 12330 and it is quite possible that the logging on 11540 in the July USSR column was a spur of 11790 and 12040 mixing. -ed</i> )			
11700	0113	RM: SS: RM ID "para America Latina", tlk on Chile and Argentina (555 7/20 Trescher-PA) (Findlater-CA)			
11745	2126	RM: EE: pgm on communist party news, quite interesting (444 6/28 Babin-MA)			
11780	2335	RM: EE: tlk on weapons, changing names in USSR (333 7/2 Gaharan-LA)			
11850	0600	RM: RR: long play, i.e. story dramatization w/ actors (333 7/12 Findlater-CA)			
11900	1700	RM: EE: M wid nx - Mandela tlks and might break w/ communist party (444 7/18 Valentine-CA) (Flynn-OR)			
11995	1715	RM: EE: W/M w/ listeners letters (333 7/18 Valentine-CA)			
12040	*2258	RM: FF: IS @ 2300, s/on routine for this bcst to Canada, no ment of this freq., but ment 3 freq's not used (9685/11730/15475), into W nx (444 7/6 Westenhaver-QU)			
12040	0330	RM: EE: ID, adjacent channel QRM from SRI (333 7/3 Millard-TX)			
12060	0135	RM: SS: ID, into mx pgm "Ritmos del Amistad" w/ SS cover version of "Moscow Nights" (343 7/26 Westenhaver-QU)			
13605	0000	RM: EE: M nx (222 7/22 Findlater-CA)			
15175	2200	RM: SS: ID, M nx (222 7/30 Findlater-CA)			
15180	1437	RM: EE: pgm of sappy EE pops, ID @ 1441,    21845 (232 7/26 Westenhaver-QU)			
15205	0758	RM: EE: end-of-hour routine w/ ID/meter bands, W nx @ 0800 w/ tlk on Bush's upcoming arrival in Moscow (242 7/29 Westenhaver-QU)			
15230	1950	RM: PP: tlk abt 19th cent. RR poet Mikhail Lermontov, fill mx, ID @ 1958 as "R. Moscovo", freq's, IS to 2000, back w/ ID/freq's/nx, QRM/QSB (322 7/29 Westenhaver-QU)			
15290	0100	RM: EE: M nx (333 7/9 Findlater-CA)			
15355	2220	RM: EE: "Focus on Asia and the Pacific" (442 7/29 Janusz-NJ) (Westenhaver-QU)			
15385t	1235	R. Alma Ata: EE: pgm of traditional RR musical instruments (433 6/27 Babin-MA) (Findlater-CA)			
15455	2300	RK: Ukrainian: W tlk, poor,    13645, 15425, 15180 (222 7/27 Findlater-CA)			
15460	1200	RT: EE: tlk on the Russian Republic / Yeltsin and unfavorable weather for cotton crops (545 7/10 Robinson-TN)			
15485	1400	RM: EE: nx - formation of rival political parties (333 7/28 Johnson-IL)			
15485	*2300	RM: FF: s/on, ment    11730, 9685 (nothing hrd there, but 12040 was   ), into nx of Bush's trip to Moscow (444 7/27 Westenhaver-QU) (Findlater-CA)			
15485	0100	RV: Lithuanian: M nx,    15180, 11790 (333 7/22 Findlater-CA)			
15490	2100	RM: FF: M nx (333 7/26 Findlater-CA)			
15500	1353	RM: RR: W ancr "mx for our listeners", honky tonk piano, ID by M @ 1358 (333 7/12 Cichorek-NJ)			
15500	2100	RM: EE: ID, M nx,    15595, 15535 (222 7/10 Findlater-CA)			
15500	2236	RM: FF: ID, science/technology pgm abt Soviet laser research,    15465, 15520,			

		15535 (343 7/27 Westenhaver-QU)
15510	1920	R. Afghanistan: FF: M tk, lcl string mx, M ID/freq's @ 1928, 30 sec. dead air, then M ID again & into tk (232 6/29 Evans-TN) @ 1818 in EE: mix of current affairs features & local vocals w/ occasional ID's as "This is Radio Afghanistan, Kabul" (252 7/21 D'Angelo-PA) ( <i>Nice work guys! -ed</i> )
15560	1105	RM: EE: W nx, "Update" - leading w/ Soviet newspaper comments on Gorbachev's visit to the G7 Summit in London (343 7/19 Westenhaver-QU)
15570	0700	RM: EE: W w/ classical mx pgm (333 7/16 Findlater-CA)
15580	0300	RM: EE: M nx, jazz pgm featuring Miles Davis,   15595 (333 8/3 Findlater-CA)
15590	2345	RM: EE: M w/ listeners letters & questions (333 8/1 Valentine-CA)
17560	*1200	RM: Urdu: "Yeh R. Moscow hay" ID & s/on routine w/ greeting "as-salaam al-aleikum" and ments Pakistan, then other M nx (343 7/24 Westenhaver-QU)
17580	0400	RM: SS: ID, M nx "to Americana Latina" (333 7/10 Findlater-CA)
17635	0100	RM: RR: IS, ID, W nx (222 7/6 Findlater-CA)
17660	1416	RM: FF: feature on the life and mx of Russian composer Alexander Glazunov (343 7/26 Westenhaver-QU) (Findlater-CA)
17670	1710	RM: EE: "Culture & the Arts" w/ feature on Moscow's "Theater on Pagunta" (square) (544 7/7 Fraser-MA) (Saarikko-NY) (Westenhaver-QU)
17680	1852	RM: Turkish/AA: tk abt Bush-Gorbachev discussion topics, mx bridges, W ID "Burası Moskova radiosı" & sked in Ankara time, into AA @ 1859 w/ Zamfir mx, ID/anmt, nx (343 7/31 Westenhaver-QU)
17695	1810	RM: EE: "News & Views" w/ cmtry on New Union treaty (333 8/4 Pennisi-NJ)
17760	1815	RM: AA: bizarre mix of Russian raggae, arabic soul mx, "Eleanor Rigby" w/ lots of yak, "Huna Moscow" ID @ 1900 (322 7/29 Janusz-NJ)
17880	0332	RM: SS: ID, "Club de oyentes" pgm, co-chan QRM de VOT in EE (232 7/31 Westenhaver-QU)
17895	1840	RM: FF: what seemed like a DX pgm w/ listening tips, mx requests, an interview w/ guy from MDXA - Moscow DX Association! (343 7/31 Westenhaver-QU)
21490	0400	RM: RR: IS, anc w/ long classical mx pgm (333 7/7 Findlater-CA)
21690	1207	RM: EE: nx/sports, PSA for fund for handicapped children, @ 1211 "News & Views" on communist party central committee meeting, QSB (232 7/27 Westenhaver-QU) (Findlater-CA)
21785	1419	RM: EE: "Mailbag" w/ Karl Yegorov and Boris Novikov, nx briefs, "Audio Book Club" @ 1430 (343 7/29 Westenhaver-QU)
21820	1238	RM: Urdu: subcontinent mx, "Yeh R. Moscow hay" ID @ 1240, into RR lesson (343 7/27 Westenhaver-QU)
21835	0725	R. Simferopol: RR: pgm for seamen (454 6/16 Kiselyov-URS)

A better turn out of loggings this time, but still a slow month. As you can see, no schedules this month. Not that there aren't any schedule changes to report, but that I didn't have time to gather information for the various sources I use. Sorry about that. There was a note in SCDX 2136 that Radio Rodina had gone off the air at the same time as Radio Station Peace and Progress and that the staff of both stations have been offered jobs at other Radio Moscow sections. Seems like there have been cutbacks at shortwave stations all over the globe this year. Let's all hope this alarming trend does not continue!

A couple of hours after I finished the column on Aug 19, the news came from TASS that Gorbachev had been replaced by the vice-president. I checked the RM news cast on 15425 at 0400 and there was no mention of it so I flipped over to the BBC on 5975 and they mentioned the TASS story, but there were no further details. Stay tuned for more news on these startling events and what effects they may have on Radio Moscow, etc. Needless to say, send your loggings for inclusion in next month's column! Until next time, 73. -Jason

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"...We found some type of old receivers in the maintenance rooms, and we fixed the antennas--there were some smart guys who know something about this--and we began to get whatever we could from there. We got the BBC best of all (*laughter from audience and applause*). The BBC came in best of all (*laughter*). (Radio) Liberty, and then the Voice of America, came on.

"I want to thank both Soviet and foreign journalists."

-MIKHAIL GORBACHEV, describing his recent imprisonment, during a press conference on August 22, 1991. (*Newark Star-Ledger, August 23*).



# AFRICA

Paul Wakefield Box 188

West Branch, IA 52358

(Dates/Times in UTC - Freq. in kHz - Deadline the 12<sup>th</sup>)

It's clear summer hasn't put a crimp in anyone's Africa DXing. If it's out there, someone reported it this month. So I'll keep this screed brief, and the cuts to a minimum. Let's do it!

## ALGERIA

15215.5 0200 RTV Algerienne: AA: W w/nx, AA mx (434 7/20 Bellovich-FL)  
17745 1958 RTV Algerienne: EE: ID "You have been listening to the intl  
sce of R Algiers", then into VN (332 7/10 Hart-MN)

## ANGOLA

7245 2315 RN de Angola: PP: M DJ w/mix of pop & African tunes, ID & nx  
from Luanda at 2400, back to mx @0006 (333 7/30 D'Angelo-PA)

## ASCENSION ISLAND

6005 0206 BBC: EE: Nx of violence in Colombia (453 7/30 A.Jones-TN)  
9600 0345 BBC: EE: "Network Africa"- events in Nigeria & Mozambique  
(545 6/27 Kyburz-CO) [Wwlcome, Philip!]: Nx, "Recording of  
the Week" (333 7/20 Brown-IL)  
11750 0200 BBC: EE: "The World Today", 0330\* (333 7/11 Findlater-CA)  
15260 0028 BBC: EE: Rpt on gang films & the violence that follows them  
(444 7/14 Brown-IL) Sports, nx (544 7/4 Babin-MA)  
15400 2305 BBC: EE: Iraq admits testing a supergun (333 7/19 Brown-IL)  
21490 1500 BBC: EE: W w/nx (333 8/4 Findlater-CA)

## BENIN

4870 2225 ORTB: FF: M DJ w/local mx, ID (353 7/3 Babin-MA)  
5025 0530 ORTB-Parakou: FF/VN: M tlk & some indigenous mx- poor (222  
8/5 Findlater-CA)

## BOTSWANA

3356 0415 R. Botswana: EE: Nx, pop mx incl Phil Collins, funeral  
announcement for university professor (544 6/26  
Pringle-Wood-ZWE) [Hello, David!]

## BURKINA FASO

4815 2230 R. Burkina: FF: M w/ID "R. Burkina" (444 7/3 Babin-MA)

## CAMEROON

4795 0455 CRTV-Douala: VN/EE: M in VN, choir/piano w/gospel mx, IS/TC  
ID into EE @0500, M w/nx (awful monotone voice) (342 7/14  
Thompson-CA) [Sorry, Peggy, but my printer won't do frowning  
faces- ed.]  
4850 2305 CRTV-Yaounde: FF: Very slow nx (454 7/25 Babin-MA)

## CENTRAL AFRICAN REPUBLIC

5035 \*0428 RTV Centrafricaine: FF: IS (piano chords repeated) to 0430  
orchestral NA, 0432 s/on anmts & ID by M, then hilife vocals  
(454 7/4 D'Angelo-PA) @2240 M w/tik on water conservation in  
agriculture (444 7/3 Babin-MA)

## CONGO

4765 2230 RTV Congolaise: FF: M DJ w/FF, Afro pop (343 7/4 Babin-MA)  
15191 1340 RTV Congolaise: FF: Nx joined in prog (322 7/4 Hankison-KS)

## EGYPT

9475 0255 R. Cairo: EE: ME mx w/description, ID (222 7/30 Brown-IL)  
9850 0159 R. Cairo: AA: AA mx, ID, call to prayer (322 7/6 Hart-MN)  
12050 0120 R. Cairo: AA: Qu'ran recitations- poor modulation, loud hum  
(444 7/26 Johnson-IL)  
15335 2219 R. Cairo: FF: Brazilian carnival mx. @2222 quick ID & nx  
briefs, Qu'ran. @0024 quick FF anmt. AA ID/freq anmt, NA,  
2227\* (322 7/29 Westenhaver-PQ)

17690 \*1600 R. Cairo: UR: TP (22 secs late), M opening anmts w/Cairo theme mx (same as EE svc), Qur'an to 1613- just @ threshold level (222 7/31 Westenhaver-PQ)

#### EQUATORIAL GUINEA

9585 0825 R. East Africa(t): EE: Short rlg pgms, incl "Faith to Faith"- no ID heard (322 6/22 Pringle-Wood-ZWE)

#### GABON

4890 0504 RFI: FF: World nx, several ID's, reports via phone patch from various trouble spots [anything from Shea Stadium?-ed.] (253 8/5 Janusz-NJ)  
11735 2323 RJ: EE: ID, professor talks on US/Soviet summit (232 7/31 Cichorek-NJ) Bush-Japanese meetings (433 7/11 Brown-IL) Nx, ID- heavy QRM de Canada-11730 (322 7/4 Babin-MA)  
12015 1602 RFI: FF: Nx w/item on lifting South African sanctions (222 7/11 Bagozzi-CA)  
21640 0800 RJ: JJ: M w/nx (333 7/7 Findlater-CA)

#### GHANA

3366 0525 GBC-2: EE: ID @0535 "This is Ghana Broadcasting Corp Radio", cock crows, mx w/drums (322 7/15 Hart-MN)  
4915 0529 GBC-1: EE/VN: S/on GBC, choir mx (433 7/23 Babin-MA)

#### IVORY COAST

7215 0600 RTV Ivoirienne: FF: ID, nx, speech, mx pgm (333 7/1 Glock-CA) [Thanks for joining in, Victor!]

#### KENYA

4935 0213 KBC: EE: Western pop mx, TP on 1/4 hr, M ID "This is the KBC", nx headlines (333 7/26 Johnson-IL) Details on that evening's TV pgms (544 6/17 Pringle-Wood-ZWE)

#### LESOTHO

4800 0454 LNBS: EE: Milli Vanilli song, ad for Chesterfield cigarettes local TC then nx (343 7/27 Johnson-IL)

#### LIBYA

15415 0300 R. Jamahiriya: AA: Tlk & mx in AA (333 7/3 Millard-TX)

#### MADAGASCAR

5009 0330 RTV Malagasy: VN: Tlk in VN //3232 (544 6/25 Pringle-Wood)  
15570 1918 RN: EE: "Media Network"- interview w/guy who wants to build 2x250 kW SW xmtrs in Manitoba to rent out as a relay station- 1925\* (232 8/1 Westenhaver-PQ) ["R West Branch Intl- Hardcore to the World"- who knows?- ed.]

#### MALAWI

3380 0410 MBC: Chichewa: Sunday rlg pgm w/mx by "Allied With Jesus" choir //5995 (534 6/30 Pringle-Wood-ZWE)

#### MALI

11715 0314 RE: EE: "News About China", "History of Tibet-pt 1" //9690 via Spain (543 7/8 Flynn-OR) M w/nx (222 7/6 Findlater-CA)  
15130 2300 RE: SS: IS, ID, M w/nx //11790 (454 7/14 Fraser-MA)  
15285 0013 RE: EE: Nx- China is now producing Guava juice (444 7/21 Brown-IL) @0330 M giving samples of Chinese NA as requested by listener (333 7/9 Findlater-CA)  
17705 0007 RE: EE: Nx- Pakistanis to turn in automatic weapons, People's Army fights floods (444 8/1 Cichorek-NJ) Pakistan minister starts a population control program, ID, Chinese mx (555 7/19 Brown-IL)

#### MAURITANIA

4850 2315 ORTM: AA:M DJ w/pop mx, good ID (333 7/25 Babin-MA)

#### MOROCCO

9575 0024 R. Medi Intl: FF: Cont local instrumentals until "Medi Un" ID @0056, then mx bridge & s/off anmt by M. NA, 0059\* (342 7/22 D'Angelo-PA) AA mx & tlc (523 7/7 Babin-MA)  
21625 1855 VOA: EE: Special EE pgm "This is America", "African Panorama" (242 7/29 Westenhaver-PQ)



**MOZAMBIQUE**  
3370 0255 R. Mozambique: PP: IS, s/on, ment of Beira xmtr location, amnt in PP (333 6/30 Pringle-Wood-ZWE)

**NAMIBIA**  
3270 0050 R. Namibia: EE: African pop mx, UTE QRM (332 7/29 Bishop-NY)  
3290 0500 R. Namibia: ??: Choir mx w/W host (232 7/28 Johnson-IL)

**NIGER**  
5020 0500 ORTN: FF: NA, s/on, then prayers (333 7/23 Babin-MA)

**NIGERIA**  
7255 0538 VON: EE: Zambia tests new food for starving children- mix of milk, sugar, fish (443 7/6 Neff-FL) [Also reported by Thompson-CA, Glock-CA, Babin-MA, and Millard-TX]

**RWANDA**  
3330 0258 R. Republic Rwandaise: FF: IS (weird!), then into station announcements, etc //6005 (544 6/30 Pringle-Wood-ZWE)  
11965 1500 DW: S/on of EE xmsn to SAf (222 7/27 Hankison-KS)  
15270 2340 DW: Pgm on institutes of technology (444 7/21 Babin&MA)

**SENEGAL**  
4890 0608 ORT du Senegal: AA/FF: AA chanting, call to prayer, later FF tlk (333 7/22 Hart-MN) M w/nx in FF, ments Dakar, no ID heard (222 7/29 Findlater-CA) @2318 in FF/VN: FF amnt, then long speech in VN, sounded political (433 7/4 Babin-MA)

**SEYCHELLES**  
11730 0315 BBC: SH: Fifteen min of SH, then EE (222 6/30 Hankison-KS)  
15420 0305 BBC: EE: BBC nx (323 7/3 Millard-TX)

**SOMALIA**  
7200 0320 R. Mogadihu: SM:Native mx. 0330 M nx proceeded by ID and what sounded like an excerpt from their NA- faded out by 0345 (333 7/15 Lewis-IL)

**SOUTH AFRICA**  
3215 0445 R. Oranje: AK: Slow pop ballad. M DJ (242 7/27 Johnson-IL)  
3320 0300 R. Suid-Afrika: EE: Pop mx pgm (222 7/9 Findlater-CA)  
7150 1630 Capital R.: Review of visiting singer performing in Capetown (444 7/1 Pringle-Wood-ZWE)  
11860 0420 R. RSA: EE: Mx, trivia (333 7/19 Evanchuck-OH) [Welcome to the column, Steve!]  
15210 1500 R. RSA: EE: Nx, "This is South Africa" (444 8/1 Glock-CA)  
15365 1350 R. RSA: SH: IS to 1400. ID in EE, into SH (323 7/28 Johnson-IL) @1949 in FF: Hifife mx, M w/(p) nx headlines & sked, 1955\* (222 7/30 Westenhaver-PQ)

**SWAZILAND**  
5055 0358 TWR: EE: "This is Trans Wld R, Swaziland" (222 7/8 Hart-MN)

**TANZANIA**  
6015 0340 RT: VN: Lots of ments Dar-Es-Salaam (544 6/17 Pringle-Wood)

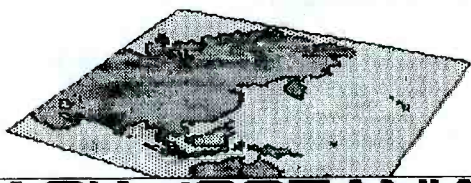
**TOGO**  
5047 0515 RTV Togolaise: FF: Carrier to 0524, chime IS, M in FF (322 7/23 Hart-MN) @2315 W DJ w/pop & EZL mx (322 7/4 Babin-MA)

**TUNISIA**  
11550 0620 RTV Tunisienne: AA: M DJ w/AA mx (444 7/23 Babin-MA)

**UGANDA**  
4976 0325 RU: EE: Tlk on workplace safety (433 6/25 Pringle-Wood-ZWE)

**ZAIRE**  
5066 0355 R. Candip: FF/VN: M DJ w/FF intro to local mx, //5066 (444 6/30 Pringle-Wood-ZWE)

**CLANDESTINE**  
9700 0440 Galo Negro: PP: ID & IS (guitar & crowing rooster), African-style singing (333 7/8 Hart-MN)



# ASIA/OCEANIA

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H2X 2C1

Deadline: 12th  
Dates/Times: UTC  
Frequencies: KHz

There are two little words which throw those of us who do columns and who live in Canada into a cold sweat--"postal strike." There is indeed a possibility that there may be a postal strike here in late August or early September. I would thus advise contributors to send their contributions via our friendly CDE, Ed Cichorek, instead of mailing them directly; I'll make arrangements with him to get them up here by other means. Thanks!

## AUSTRALIA

### Radio Australia    VLW Wanneroo

- 5995    1725 RA: EE: World nx; px rundown @ 1730; this was eclipse DX-- went from barely audible to SINPO 34343 @ peak of eclipse; fading by 1732 (7/11 Thompson-CA) (Thanks for the very interesting observation, Peggy!-ed.)
- 7140    0954 RA: CC/EE: M tlk w/some ments "Aujou" ("Australia"); W/M anmts; TP for 1000 and into EE w/"Int'l Rpt" (242 7/24 ed.)
- 9580    1314 RA: EE: M sports rpt (554 7/28 A. Jones-TN)
- 11720    1345 RA: EE: Mx of Australia px (454 7/7 Neff-FL) @ 1400 w/Australian Stock Exchange rpt (545 date? Robinson-TN)
- 11910    1752 RA: EE: SPacific wx; country mx; @ 1800 ID (443 7/11 Thompson-CA)
- 13745    1808 RA: EE: "Int'l Rpt"; clear channel but QSB; quite rare to hear them at this time of day! (232 8/7 ed.)
- 15160    0500 RA: EE: Nx; interview on farming problems in Australia (444 7/10 Findlater-CA) @ 0445 w/TC/ID; pop mx; heavy QRM de HCJB-15155 (322 7/11 Carson-OK)
- 15365    0610 RA: EE: "Int'l Rpt" on Yugoslavia (333 7/4 Millard-TX) @ 1145 w/"Science File"; CCI film mx--AIR in Thai? (322 7/24 ed.)
- 15425    0900 VLW15: EE: M nx/sports rpt (333 8/3 Findlater-CA)
- 17630    0122 RA: EE: TC/ID; tlk abe employee benefits (333 7/13 Cichorek-NJ) @ 1400 w/"Int'l Rpt" (242 7/25 ed.)
- 17715    0315 RA: EE: Sports (cricket/racing/golf) (444 7/17 Brown-IL)
- 17795    0530 RA: EE: Tlk abt Australian conservation; QRM de RAI de \*0533 (433 7/11 Carson-OK) @ 0336 w/tlk on pesticide awareness (555 7/28 A. Jones-TN) (also logged by Brown-IL)
- 21525    0100 RA: EE: Nx; history of Australian Labor Party (444 7/5 Findlater-CA)
- 21720    1214 RA: EE: "Int'l Rpt" on Palestinians in the Gaza Strip; this frq only slightly weaker than //9580! (343 7/27 ed.)
- 21740    0000 RA: EE: Tlk abt jobs in Australia and rubbish disposal (444 8/3 Valentine-CA) @ 0112 w/px notes; mx; rpt on agoraphobia (333 7/22 Brown-IL) (also logged by Babin-MA, ed.)

## BHUTAN

### Bhutan Broadcasting Service

- 5023    1415 BBS: EE: "From the Bhutan B'oasting Sce here is the news"; @ 1425 lcl anmts alt w/jazzy mx; @ 1430 UN Radio px "Perspectives"; ID @ 1445; then EE pop oldies to ID/address and off 1500\* (243 7/16 George-CHINA) (Steve's over on a research trip to Beijing, and got this on an ICF-7601!-ed.)

## CHINA

### Central People's Best Stn    Radio Beijing

- 9064    2000 CPBS: CC: W hosts px of EZL US mx (e.g. "Misty", "Once in Awhile"); poor (222 7/8 Findlater-CA)
- 9920    2000 RB: EE: Nx; omty on farming problems in China (333 7/8 Findlater-CA) @ 2119 w/travelogue to western areas of China (232 7/27 Thornton-NJ)
- 9945    1630 RB: RR/CC: CC lesson for RR speakers (222 7/10 Findlater-CA)
- 11515    1030 RB: JJ: world/Chinese nx (454 7/28 Fujima-CA)

(More overleaf...)

CHINA continued...

15135 0930 RB: CC: IS/ID; M/W dialogue (222 8/3 Findlater-CA) @ 1033 in IN w/M world nx/current affairs; a couple of "warta-berita ...R. Peking" ID's; good till WYFR \*1053 (343 7/7 ed.)

15500 0730 CPBS: CC: W hosts px of CC indigenous mx (333 7/7 Findlater)

17855 1213 RB: EE: Tlk abt relief efforts after recent floods in China; awful rumble on frq--xmtr problem or QRM? (333 7/24 ed.)

CYPRUS

Cyprus Best Corp

11795 \*2214 CBC: GK: M ID, into stringed mx/s/on anmts; then M nx (343 7/26 D'Angelo-PA) @ 2230 w/M tlk to 2245\* (222 7/27 Findlater-CA) (Per WRTH DOWNLINK, via 7/27 "DXPL", the // frqs are 7205 and 9735 kHz.-ed.)

FRENCH POLYNESIA

RFO Tahiti

15170.7 0403 RFO: TAHITIAN: Religious-sounding vcl/choral mx; brief M tlk (222 7/15 Cichorek-NJ) @ 0329 in FF/TH w/wx by "Monsieur Météo"; FF ads; then long W tlk in TH (343 7/30 ed.) on 15170.8 @ 0525 w/W FF anmts and Polynesian mx (444 7/28 Babin-MA) @ 0815 on 15171 in FF w/FF chat; island/pop mx (444 7/29 Evanchuck-OR) (Welcome to the column, Steve!-ed.) @ 2020 in FF w/M hosting px of lcl/Portuguese mx (142 7/8 Flynn-OR)

GUAM

KTWR KSDA

11650 2055 KTWR: ?? (CC dialect?): (p) nx w/ments Accra, Ghana; @ 2100 EE ID anmt ment that this frq in use since 1700; then off (242 8/3 Thornton-NJ)

13720 0800 KSDA: CC: M/W rlg tlk and hymns (333 7/9 Findlater-CA)

15610 2300 KSDA: EE: M rlg tlk and px of hymns (333 7/9 Findlater-CA)

HONG KONG

BBC relay

7180 0900 BBC: EE: M nx (232 8/3 Findlater-CA)

17830 2315 BBC: EE: "A Jolly Good Show" (444 7/6 Findlater-CA) @ 2335 w/ "Multitrack 3" (333 7/19 Brown-IL) @ 0001 w/"Newsdesk"; strong, but QSB and splash de Havana-17835 (433 8/11 ed.)

INDIA

All India Radio

9615 1407 AIR: ??: "Vividh Bharati" px of vocals, etc. (233 7/1 Flynn-OR)

9910 2120 AIR: EE: ID; then px of Indian mx (333 7/8 Babin-MA)

15110 2335 AIR: EE: W subcontinent vocal; M ID @ 2338 (222 7/25 Thornton)

15365 1350 (P)AIR: ??: Sitar mx; W anor; under R. RSA (322 7/28 Johnson-IL) (I'm not sure which see this would be, Tim.-ed.)

17387 1153 AIR: TAMIL: Film mx cuts w/very brief anmts between cuts; @ 1209 M ID and into (p) nx; //15275 (242), 15335 (222) (343 7/24 ed.)

INDONESIA

Radio Republik Indonesia

3215 1258 RRI MENADO: IN: Pop vocals; long W tlk (142 7/10 Flynn-OR)

IRAN

Voice of the Islamic Republic of Iran

15260 0128 VOIRI: SS/AA: Just caught closing SS anmt w/stn address; then test tone/dead air to 0130; back on in AA w/brief theme and M tlk; nothing hrd on 15084 (333 7/25 ed.)

ISRAEL

Kol Israel Reshet Bet relay

9435 0110 KI: EE: ID; tlk abt guide dogs for the blind (555 7/9 Trescher-PA) @ 0000 w/"Israel Nx Magazine" (443 7/11 Gaharan)

11605 0009 KI: EE: Nx; "Calling All Listeners" (544 7/30 Wolfson-OH) @ 0004 w/nx (332 7/18 Bishop-NY) (Also logged by Brown-IL, Gaharan-LA, Johnson-IL, Robinson-TN)

13755 0332 RB: HH: HH tlk and pop mx (323 7/4 Millard-TX)

15100 2130 KI: EE: M nx...2200\* (222 7/30 Findlater-CA)

15617 1956 RB: HH: Tlk; fill mx; ads; @ 2000 TP/ID; then nx (433 7/14 Cichorek-NJ) @ 0330 w/3 mins nx; then lcl retro-sounding pop mx; measured on 15617.1 (343 8/11 ed.)

15640.1 0400 KI: EE: Nx of David Levy's upcoming visit to Egypt (555 7/28 A. Jones-TN) @ 0000 w/nx (333 7/14 Brown-IL)

17545 2038 KI: AA: Long M vcl concert before live audience; @ 2059 brief w anmt; 6 TP; M full ID and into nx; splashed by BRT-17550 (333 8/13 ed.)

17575 1910 KI: EE: Listeners respond to proposed outbacks in px (433 7/28 Saarikko-NY)

ISRAEL continued...

17685 2154 KI: EE: "DX Corner" (322 7/21 Hankison-KS) @ 2155 w/ex-  
Planation of amateur radio (222 7/21 Findlater-CA) (They're  
psychic!-ed.) (Also logged by Cichorek-NJ, ed.)  
(Well, KI made their extensive cutbacks to external px as of 8/4, earlier  
than expected. There are currently EE bcasts at 1330-1400, 1700-1715, 1900-  
1930 and 2130-2200--though these should move one hour later around 9/1, when  
Israel goes off DST. Frqs may undergo some changes then, too, i.e. before  
you read this, but try 15640 for the \*1900 and \*2130 bcasts. Note, too that  
"Calling All Listeners" is now in the Sunday \*1900 and Monday \*2130 bcasts.)  
(Here's a correction to last month's column: The fax number for KI is +972  
2 253282--and messages should be marked "English Section, External Service.")

JAPAN Radio Japan

11815 1748 RJ: EE: Magazine px; ID's @ 1750; then tlk abt Gorby's re-  
forms; lots of QRN (242 7/11 Thompson-CA)  
17825 0400 RJ: JJ: W nx; in like a local (555 8/5 Findlater-CA)

KIRIBATI Radio Kiribati

14917.6 \*0556 RK: EE: S/on routine; then BBC nx; px "Pacific Report" (233  
7/28 Evanchuck-OH) (Note: This was in USB) @ 0640 on 14917.7  
w/DW transcription px of pop mx w/detailed info abt perfor-  
mers; @ 0700 nx in vern (352 7/6 D'Angelo-PA)

KOREA, D.P.R. Radio Pyongyang Korean Central Bcst Stn

9977 \*1100 RP: EE: IS; M/W ID; NA; W nx ("I really needed that second cup  
of coffee for this one!!!") (343 7/23 Lewis-IL) (I can be-  
lieve that, Yolanda; welcome to the column!-ed.)  
11680 1700 KCBS: KK: ID routine...off w/NA 1800\* (333 7/31 Findlater-CA)  
13650 2322 RP: EE: Tlk abt weapons deployed in South Korea (444 6/17  
Glock-CA) (Welcome to the column, Victor!-ed.)  
15180 \*0800 RP: EE: ID/NA; then W/M nx (222 7/13 Findlater-CA)

KOREA, REPUBLIC OF RCI relay Radio Korea

9700 1355 RCI: EE: Nx followed by full ID (222 6/29 Hankison-KS)  
9750 1237 RK: EE: Tlk on US-Korean relations; "From Us to You" (333 7/6  
Carson-OK) @ 1258 w/w cmt; sked (poor 7/28 A. Jones-TN)  
15575 0700 RK: GG: W nx (333 7/6 Findlater-CA) @ 0002 in EE w/nx (111  
7/15 Bishop-NY) (Also logged in EE by Brown-IL, Glock-CA)

MARIANA ISLANDS KHBI

13625 1302 KHBI: EE: World nx; tlk abt tennis 50 years ago; reading to  
a child (333 7/1 Carson-OK)  
15610 0800 KHBI: EE: M w/Monitor nx (444 7/5 Findlater-CA)

NEW ZEALAND Radio New Zealand International

9700 1100 RNZI: EE: Nx; then px of 1940's mx (555 7/6 Robinson-TN) @  
1128 w/more recent "classy" mx (444 7/19 ed.)  
17770 0305 RNZI: EE: Sports network px (555 7/7 Babin-MA) @ 0700 w/nx;  
"Kiwi Music Show" (444 7/7 Findlater-CA) (Not quite psychic!)  
(Also logged in EE by A. Jones-TN, Carson-OK, Brown-IL)  
(On RNZI's "Mailbox" show on 8/8, it was announced that they're going to  
begin test transmissions in JJ, as of 8/31. They'll be on Saturdays and  
Sundays, 1100-1200, on 9700 kHz. They'll be swinging the beam around toward  
Japan for this; normally, they're beaming pretty much due north. Also,  
Arthur Cushen mentioned on the 8/15 "Media Network" px that, as of 9/1,  
RNZI will be replacing 13785 kHz, in the 1800-2200 period, with 15120 kHz.)

OMAN BBC relay

15310 0310 BBC: ID; nx abt Britain (322 7/5 Millard-TX) @ 1445 w/rpt  
from the 3rd round of a golf tournament (222 8/3 Brown-IL)

PAKISTAN Radio Pakistan

9370 0133 (p)RP: URDU?: What sounded like Urdu ancw w/px of subconti-  
nent mx; very weak (242 7/7 Babin-MA)  
15550 1703 RP: EE: Nx; cmt; abt what it called a "disinformation cam-  
paign" by India; decent signal but poor modulation (232 8/3  
Thornton-NJ)

PAPUA NEW GUINEA

3220 1049 B. MOROBE: PD: M ancw w/px of pop/lcl mx; nx 1100-1105 (433  
7/29 Lewis-IL)  
36

PAPUA NEW GUINEA continued...

3235 1050 R. WEST NEW BRITAIN: PD: M ancr w/EE pops and primitive lcl mx; nx @ 1100; ute QRM (423 7/31 Lewis-IL)  
 3345 1030 (t)R. NORTHERN: PD?: M ancr w/lcl mx sung by M/W in chorus; inst mx @ 1053; faded out by 1058 (222 7/23 Lewis-IL)  
 3385 0840 R. EAST NEW BRITAIN: PD: W presenting lcl choral mx selections (433 7/6 Lewis-IL)  
 3395 1025 R. EASTERN HIGHLANDS: PD: Px of EE pops w/W ancr (444 7/31 Lewis-IL)  
 3905 1115 (t)R. NEW IRELAND: PD?: Island mx; tlk (not IN); gone by 1132; QRM de SSB (222 7/6 Hart-MN) (Those @#\$\$ hams!-ed.)  
 (An even better selection of PNG's than we had last month--Thanks!!)

PHILIPPINES

VOA relay Far East Best Corp

9760 1255 VOA: EE: M hosting px of rock and roll mx (222 7/28 Jones-TN)  
 9845 1710 FEBC: RR: Gospel mx; ID @ 1715; tlk (242 7/11 Thompson-CA)  
 11685 0920 FEBC: EE: Rlg px; mx; nx; then more religion (322 7/29 Evanchuck-OH)  
 15185 \*1600 VOA: BENGALI: S/on stuff; then M nx (333 7/16 Findlater-CA)  
 15330 1730 VOA: PP: W w/px of latino-type mx...1830\* (333 7/7 Findlater-CA) (This is beamed to Africa.-ed.)  
 17720 \*1300 VOA: KK: EE ID; M opening KK anmt; then M/W nx; splash de DW-17715; //15195 SIO 242 (322 7/24 ed.)  
 17755 \*1800 VOA: AMHARIC: M nx (333 7/11 Findlater-CA)

SAUDI ARABIA

Best Service of the Kingdom of Saudi Arabia

9885 2204 BSKSA: AA: 2 AA vocals w/brief W anmt between; @ 2210 full M ID and another vocal; SRI came on co-channel @ \*2212, but this managed to hold its own (343 7/18 ed.)  
 15335 0359 BSKSA: SOMALI: IS to almost 0404; NA; M Islamic greeting and opening anmt w/"Halkan wa...Saudi Arabia"; then into Qur'an (242 7/30 ed.) (Tim Johnson-IL has noted the test tone, before the IS, on as early as 0350, both for this frq and for the Turkish xmsn on 15060 kHz.-ed.)

SINGAPORE

BBC relay

9740 1530 BBC: EE: Repeat of 1948 comedy show (443 7/10 Flynn-OR) (That was "Much Binding in the Marsh," one of the most popular BBC comedy shows of its day.-ed.) @ 1400 w/"Sports Roundup" (444 6/29 Hankison-KS)  
 15340 2000 BBC: EE: Nx; tlk abt birth control/family planning in China (555 7/10 Findlater-CA)

SOLOMON ISLANDS

Solomon Islands Best Corp

9545 0730 SIBC: EE: Local mx (222 7/14 Hankison-KS) @ 0734 w/Pacific nx (lots abt Bouganville rebels); commercials (333 7/23 Evanchuck-OH)

SRI LANKA

VOA relay RJ relay DW relay

15250 0103 VOA: EE: Nx; ID; "VOA Tuesday Morning" (222 7/22 Brown-IL)  
 15345 1700 RJ: EE: ID; M nx; poor (222 7/10 Findlater-CA)  
 17820 0900 DW: EE: M nx and sports tlk (333 8/3 Findlater-CA)  
 17825 1147 DW: JJ: Closing anmts w/Cologne address; Baroque theme mx; EE site ID and off 1149\* (343 7/24 ed.)  
 17875 1157 DW: CC: IS w/"Jei shi Deguo zhi sheng" ID's; EE site ID; "Ode to Joy" opening theme; M/W s/on routine; then W nx (333 7/27 ed.)

SYRIA

Radio Damascus

12085 2009 RD: EE: M nx (Mideast/world); @ 2017 into AA mx (323 7/7 Bellovich-FL) @ 0000 w/ PP tlk; poor; //15095 (222 7/30 Findlater-CA)  
 15095 2010 RD: EE: Nx; cmtly abt Mideast peace prospects; lots of mx (252 8/1 Thornton-NJ) @ 2201 w/Mideast mx; ID/nx (333 8/3 Brown-IL)

TURKEY

Voice of Turkey

9445 0302 VOT: EE: Nx of continued US military aid to Greece (333 7/19 Brown-IL) @ 0340 w/W tlk on mythical nature of trees (weak 7/19 A. Jones-TN) (I've heard some off-the-wall px on VOT, but nothing quite like that.-ed.)

TURKEY continued...

17880 0332 VOT: EE: Px of notes on Turkish cultural events w/TK pop songs between; barely audible under co-channel Moscow in SS, but definitely //9445 (SIO 444) (222 7/31 ed.)

UNITED ARAB EMIRATES      Voice of the UAE Abu Dhabi      UAE Radio Dubai

13605 2215 VOUAE: EE: Story of the new "Arabian Nights" (343 7/14 Gaharan-IA) @ 2301 w/nx that it has been decreed that the Abu Dhabi branch of Bank of Credit and Commerce International will henceforth be known as "Union National Bank" (That's changing the name after the horse's been stolen!-hi!) (444 8/4 ed.) (Also logged by Robinson-TN, Brown-IL)

15305 2235 VOUAE: EE: Low-key M DJ w/EE pops; ID @ 2300; listeners' letters; "Press Review" (343 7/29 Janusz-NJ) (Dxing, eh?-hi!) @ 2210 w/reading from the Holy Qur'an; ID @ 2215 (353 7/11 Bagozzi-CA) @ 2343 w/cmt on Cyprus; tlk on Islamic social issues (343 8/8 Wakefield-IA) (Also logged in EE by Brown-IL, and in AA by Findlater-CA)

15320 2000 RD: AA: M tlk and Qur'an recitation...2111\*; //13675 (222 7/21 Findlater-CA)

15400 0331 RD: EE: Nx/wx; "The Arabs in History" (444 7/25 Glock-CA) @ 0300 in AA w/W/M dialogue; poor (222 8/3 Findlater-CA)

17855 2313 VOUAE: EE: Nx; px on Arab Muslim institutions (443 7/5 Hart-MN) @ 1400 in AA w/SRI-style TP (29 secs late) W ID anmt and into nx in city-item format (232 7/30 ed.)

21515 0200 VOUAE: AA: Continuous Qur'an; poor (222 8/5 Findlater-CA)

21605 1330 RD: EE: Nx (Kuwait to export first oil shipment since invasion); feature "Arab History" (444 7/27 Johnson-IL) @ 1333 w/nx from Mideast and Micronesia (353 7/28 A. Jones-TN) @ 1343 w/px "The Holy Prophet" (a series on Mohammed) (545 7/6 Carson-OK)

(Per stn anmt, Abu Dhabi will be changing its EE frqs, as of 9/1, to 13605, 11965, 9600 kHz; the bcst will still be at 2200-0000 UTC.-ed.)

VANUATU      Radio Vanuatu

7259.8 0954 RV: Pacific mx w/drums; FF nx @ 1000; then M DJ in EE w/lots of "R. Vanuatu...country mx" ID's and US C/W songs I couldn't name ("Eddie J--where are you?") in between ARO blasts (222 8/8 Wakefield-IA) (Nice to see this one here again; thanks, Paul!!-ed.)

VIETNAM      Voice of Vietnam

15009 1335 VOV: EE: W cmt, followed by mellow oriental flute mx (232 7/28 Johnson-IL) on 15009.2 @ 2050 w/"Sunday Programme" answering listeners' questions abt Vietnam (242 7/28 Thornton-NJ) @ 1046 to 1056\* in IN (243 8/1 ed.) on 15009.3 in EE w/tlk abt US-Soviet summit (222 7/31 Cichorek-NJ) on 15010 @ 1605 w/nx "Vietnam Economy" on trade w/Japan (444 8/1 Glock-CA)

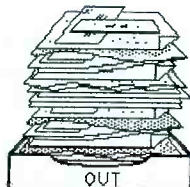
I think it's time to mention again that I normally don't use logs made before the first of the month preceding the month in which I type the column. (In other words, since this column is being typed in August, I cut many of the loggings which dated back to June.) I did use some June loggings this time, though, since they were particularly interesting, or since they were from new contributors who weren't aware of the rule. It's a way of keeping the column as topical as possible. Also, if I'm really squeezed for space, the "too old" loggings get thrown out first, so you might want to keep that in mind.

In case we do get the postal strike I mentioned earlier, you might want to pass along your loggings by phone. You can reach me at (514) 849-7916--but NO COLLECT CALLS, please; I have enough trouble paying my own phone bill. You can call pretty much any time, within reason, but please don't phone Saturday night/Sunday morning, when I'm preparing my stuff for "International Radio Report", the show I do on CKUT-FM, 90.3, with Sheldon Harvey. (We're now doing the show Sunday mornings at 10:30 ET--and we'll be doing Edition #200 on 9/1.) Also, please don't phone 2100-2200 or 1300-1400 UTC--I HATE being interrupted during the BBC's "Newshour!"

73—Bill

# QSL REPORT

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## AFRICA

Madagascar R. Netherlands 17575 p/d cd (RN staff pix) 41 ds rpt EE (Hankison, Ks.)  
Mali RTH Bamako 4783 p/d cd (map, sked) 71 ds irc rpt FF (Lewis, Ill.)  
Morocco R. Mediterrandee Intl. 8575 f/d cd (FF cd, logo) 118 ds 2 IRC rpt FF v/s C. Thuret (Hankison, Ks.)  
Namibia Namibian B/C Corp. 3270 p/d cd (desert pix) 132 ds 2 IRC rpt EE (Hankison, Ks.)  
South Africa R. RSA 9475 cd (Capetown pix) 35 ds rpt EE (Hankison, Ks.)

## ASIA/OCEANIA

Australia RA 21740 p/d cd (ltr) 37 ds rpt EE (Hankison, Ks.)  
China R. Beijing 9770 f/d cd (cloth cd, nx ltr) 45 ds (Hart, Mn.)  
French Polynesia RFO Tahiti 11825 p/d cd 37 ds 2 IRC rpt EE (Hankison, Ks.)  
Guam KSDA 11960 f/d cd (7 peel off stickers, VIC #50!!) 53 ds 2 rp rpt EE to Hong Kong address, reply from Guam (Brame, Ill.) (welcome to the column-MW)  
Israel Kol Israel 8435 f/d cd (multi lang. cd) 32 ds rpt EE (Bishop, N.Y.); 15640 f/d cd (logo, sked) 13 ds (Hart, Mn.); Rashath Hashidur 9388 f/d cd (Kol Israel cd) 64 ds rpt EE (D'Angelo, Pa.); Kol Israel 9435 51 ds rpt EE (Brown, Ill.)  
Korea, Republic of R. Korea 15575 f/d cd (pix of pond, sked, forms) 51 ds rpt EE (Bishop, N.Y.)  
Marianas Islands KHBI 9530 f/d cd (antenna pix) 42 ds (Hart, Mn.)  
New Zealand RNZI 17770 p/d cd (shepherd pix, tiki, sked, info) 27 ds 3 IRC rpt EE (Glock, Cal.) (welcome to the column-MW)  
Oman BBC 15310 f/d cd 51 ds rpt EE v/s Paddy O'Reilly (D'Angelo, Pa.)  
Philippines VOA 15160 f/d cd (tx pix) 26 ds rpt EE (Brame, Ill.)  
Syria R. Damascus 9950 // 12065 f/d cd (world map) 137 ds rpt EE (D'Angelo, Pa.); 12065 cd (globe pix) 88 ds v/s ?? (Neff, Fl.)  
Vietnam V. of Vietnam cd (via Canada) (sked, logo) 120 ds (Neff, Fl.) (good catch George!!-MW)

## EUROPE

Albania R. Tirana 9580 p/d cd 95 ds rpt EE (Hankison, Ks.)  
Austria R. Osterreich International 13730 f/d cd (Mozart 91- Pavement artist in Salzburg) 31 ds rpt EE (Bishop, N.Y.); RAI 9875 f/d cd (man painting sidewalk pix) 25 ds rpt EE (Glock, Cal.)  
Belgium BRT 13720 f/d cd (cathedral pix) 50-60 ds rpt EE (Humenyk, Ont.)  
Bulgaria R. Sofia 15330 f/d cd (ltr, sked) 133 ds (Hart, Mn.)  
Czechoslovakia RPI 5830 // 7345 // 11685 f/d cd (castle pix) 24-38 ds rpt EE (Humenyk, Ont.)  
Germany DW 9565 cd (map) 60 ds v/s ?? (Neff, Fl.); VOA 21535 f/d cd (Washington Monument pix) 39 ds rpt EE (Humenyk, Ont.)  
Greece VOA 6943 f/d cd (Statue of Liberty pix) 39 ds rpt EE (Humenyk, Ont.)  
Luxembourg R. Luxembourg 15350 f/d cd (pix of antenna tower) 51 ds rpt EE rpt to U.K. address, reply from Luxembourg (Brame, Ill.)  
Malta DW 11665 f/d cd (reunification) 121 ds rpt EE/GG v/s Pete Sluge (Humenyk, Ont.)  
Netherlands RN 17605 p/d cd (RN staff pix) 41 ds rpt EE (Hankison, Ks.); 15560 f/d cd (RN staff pix) 47 ds rpt EE (Glock, Cal.)  
Portugal RFE 15215 p/d cd (map of Europe & USSR w/tx sites) 33 ds rpt EE (Brame, Ill.); R. Portugal Intl. 9555 p/d cd (map) 29 ds rpt EE (Hankison, Ks.)  
Romania R. Romania 11940 f/d cd (ceramics pix) 46 ds rpt EE/Rom (Humenyk, Ont.); 9570 f/d cd (playhouse pix) 143 ds rpt EE/Rom (Humenyk, Ont.); 11940 f/d cd (hotel/theatre pix) 54 ds rpt FF (Humenyk, Ont.); 6155 f/d cd (Piata Unirii) 92 ds rpt Rom (Humenyk, Ont.); 9579 f/d cd (garden patio pix) 115 ds rpt EE/Rom (Humenyk, Ont.); 11940 f/d cd (Casino pix) 270 ds rpt EE/Rom (Humenyk, Ont.)

Sicily RAI DUE 9515 f/d cd (tv test pattern, logo, VIC #93 !!!) 56 ds rpt EE/II (Humenyk, Ont.)  
Spain REE 11880 f/d cd (3 people & horse/carriage in front of wall, sked, forms) 31 ds rpt EE (Bishop, N.Y.)  
Switzerland ICRC 9885 f/d cd (sticker, info) 41 ds rp rpt EE (Brame, Ill.); SRI 9885 f/d cd (Lausanne pix) 19 ds rpt EE (Brown, Ill.)  
Vatican City Vatican Radio 6245 f/d cd (tx pix) 227 ds rpt EE/II (Humenyk, Ont.); 9605 f/d cd (pix of new antenna) 167 ds rpt EE (Brown, Ill.)  
Yugoslavia R. Yugoslavia 11735 f/d cd (scenery, sked) 80 ds rpt EE (Bagozzi, Cal.); 11735 f/d cd (beach pix, sked, ltr) 101 ds rpt EE (Lewis, Ill.)

#### USSR

RSP and P 7360 // 9520 cd 181-196 ds (Humenyk, Ont.)

#### WESTERN HEMISPHERE

Antigua DW 9545 f/d cd (reunification) 80 ds (Weber, Oh.); DW 17810 f/d cd (reunification cd) 81 ds rpt EE/OG (Humenyk, Ont.)  
Argentina RAE 11710 f/d cd (logo) 106 ds rpt EE/SS v/s Silvana Licciardi (Humenyk, Ont.); 11710 f/d cd (logo) 163 ds rpt EE (Brown, Ill.)  
Canada R. Japan 5960 n/d cd (festival decoration, pgm/freq sked) 66 ds rpt EE (Bishop, N.Y.)  
Columbia R. Santa Fe 4865 p/d cd 61 ds rpt SS v/s ?? (Lewis, Ill.)  
Costa Rica RFPI 13630 f/d cd (pgm sked, logo) 56 ds rp rpt EE v/s James Latham (Brame, Ill.); UN Radio (via RFPI) 15030 //13630 f/d cd (pix of UN bldg) 67 ds rpt EE (Brame, Ill.); RFPI 7375 USB p/d cd (logo) 51 ds \$1 rp rpt EE (Hankison, Ks.); AWR 9725 f/d cd (logo) 20 ds rp rpt EE (Brown, Ill.)  
Cuba RHC 9505 // 11820 cd (bell tower pix) 191-281 ds rpt SS (Humenyk, Ont.)  
Ecuador HCJB 21480 f/d cd (80th anniversary contest rules, stn pix) 33 ds rp rpt EE v/s Gla Volshadt? (Bishop, N.Y.); 9745 f/d cd (30th anniversary DXPL cd) 75 ds rpt EE v/s Rich McVicar, John Beck (Millard, Tx.) (congats on getting 13 correct in the IS contest-MW); Escuelas Radiofonicas Populares de Ecuador 5010 n/d ltr 46 ds \$1 rp rpt SS v/s Juan Perez Sarmiento (Lewis, Ill.); HCJB 9745 f/d cd (DXPL anniversary) 44 ds ms (Weber, Oh.); HCJB 15155 f/d cd (logo) 19 ds IRC rpt EE (Brown, Ill.); HCJB 9745 f/d cd (antenna pix) 18 ds IRC rpt EE (Brown, Ill.); HCJB 15155 f/d cd (antenna pix) 21 ds IRC rpt EE (Brown, Ill.); HCJB 15155 f/d cd (generator pix) 21 ds IRC rpt EE (Brown, Ill.); HCJB 9745 f/d cd (DXPL anniversary) 35 ds IRC rpt EE (Brown, Ill.)  
French Guiana RFI 17860 p/d cd (80th anniversary cd) 160 ds rpt FF (Hankison, Ks.)  
Paraguay R. Nacional 9735 n/d ltr (sked, stamps) \$1 rp rpt SS v/s Filemon Arguello (Millard, Tx.)  
Venezuela R. Rumbos 4970 f/d cd (Caracas pix) 180 ds rpt SS v/s ?? (Johnson, Ill.); 4970 f/d cd (Caracas pix) 259 ds rpt EE/SS v/s ?? YV5AVV (Humenyk, Ont.)  
U.S. KTVB 7510 f/d cd (pix of Rockies and antennas) 82 ds rp rpt EE (Bishop, N.Y.); WHRI 7315 f/d cd (logo) 89 ds rp rpt EE v/s James L. Holycross (Bishop, N.Y.); WHRI 7315 f/d cd (logo, sked, info) 60 ds rpt EE v/s James L. Holycross (Brame, Ill.); VOA 15155 f/d cd (Crosley tx pix) 39 ds rpt EE (Humenyk, Ont.); VOA 15205 f/d cd (Liberty Bell pix) 39 ds rpt EE (Humenyk, Ont.); VOA 15410 f/d cd (White House pix) 39 ds rpt EE (Humenyk, Ont.); VOA 15580 f/d cd (Manhattan pix) 39 ds rpt EE (Humenyk, Ont.); VOA 17600 f/d cd (Bicentennial stamps) 39 ds rpt EE (Humenyk, Ont.)

#### UTE

Australia VNG (time) 16000 f/d cd (ltr, delta animal pix, info) 18 ds \$1 rp rpt EE D'Angelo, Pa.); VIS (maritime) 16918 f/d cd 53 ds ms (Lueck, Wi.)  
Bahrain AGM (maritime) 22548 f/d cd (stn pix) 14 ds ms rpt EE (Lueck, Wi.)  
Israel 4XO/Haifa (maritime) 1706 f/d pfc rpt EE (Lueck, Wi.)  
Italy ICB/Genoa Maritime 12978 f/d ltr 21 ds ms rpt EE (Lueck, Wi.); IQX/Trieste Maritime 12975 f/d ltr 21 ds ms rpt EE v/s G. Quazzonio (Lueck, Wi.)  
Japan JJJ (time stn) 8000 f/d cd (stn and tx pix) 9 ds (!!!!) rpt JJ (!!!!) (Glock, Cal.) (VERY impressive Victor-MW)  
U.S. AGA4RE (Kelly AFB) 14606 pfc cd (data) 120 ds rpt EE v/s SSgt Edward Johnson (Lueck, Wi.)

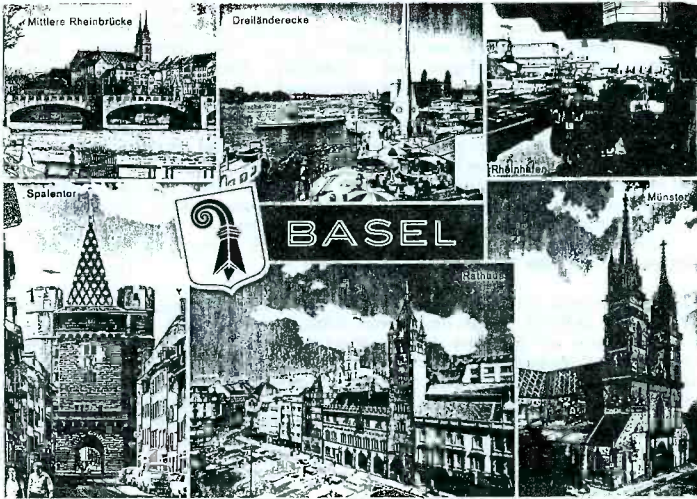
#### PIRATE

WORK 7415 f/d cd (old studio pix, ltr) 21 ds 3 rp v/s "Workingman" (Lewis, Ill.); 7412 f/d cd (old studio pix) 16 ds 3 rp rpt EE (D'Angelo, Pa.)



Well, its been another slow month. Where are all the reports for the USSR? On the other hand is there anyone out who DIDN'T get a report from Ecuador (besides me that is)? Hopefully things will pick up in the fall.

For those of you new to QSLing, you might want to pick up a copy of Gerry Dexter's book SECRETS OF SUCCESSFUL QSL'ING. Its published by Apollo Books. Also, if you're looking for a source of mintstamps you might want to consider contacting Bill Plum, 12 Glenn Rd., Flemington, N.J. 08822. Finally I'm including some of the goodies I've been sent recently. If anyone cares to I'll gladly accept contributions for future editions of the QSL Report.



## WDX4BKR SWL



Racoon.. Tennessee State Animal

Betsy Kay Robinson  
112 Timothy  
Clinton, Tennessee  
37716 USA



## Radio Nederland



# Trash & Treasure



Donald J. Weber 2169 Walter Road Westlake, OH 44145

**BOLT YOUR DOORS!!! PROTECT YOUR CHILDREN!!** Hide your pets! **IT** is back and **IT** could be coming to your HOUSE. **IT** is the Tenth Anniversary issue of **BLANDX**. Beware, **BLANDX** has been known to be habit forming. Prior issues have included such wonderful radio offerings as a spotlight cover on the Tristan da Cunha World Service, a review of the book 'There's an Orangatang in the Newsroom', The DXers' Horoscope (oh, you poor Virgos and Libras), headline thrills from The International DX Inquirer and those personal ads which have included the opportunity of obtaining The 1990 DXmate Receiver Swimsuit Catalog. Don't miss this "gala" Anniversary issue--your \$2. will bring (The Journal of) **BLANDX** to your door. Put your check or money order in an envelope, address that envelope to **DON MOORE**, 20108-P Hayes Road, Big Rapids, Michigan 49307. Any of the **five** back issues also may be ordered, each for an additional \$2. If you have been hiding for these past ten years, didn't know of these great parodies and need all five of the prior issues, the special price for all five is only \$9. (those five, together with the current issue, \$11.)

Do you collect radio station (or radio related) t-shirts? How about a couple different **ZENITH LONG DISTANCE RADIO** t-shirts? After all, are we shortwave listeners or are we long distance radio listeners? Way back, in those quiet and depression-filled 1930's Zenith helped pioneer radio with those big boxes and those little boxes which could bring in your local stations as well as the international broadcasters. **GREAT NORTHERN**, Post Office Box 17338, Minneapolis, Minnesota 55417 offers some old time radio items, including two different Zenith 1930-era symbols on t-shirts. One of the symbols is the Zenith "lightening bolt design", the other is the "Around-the-World" Globe logo. Both silk screened efforts are spectacular to view, particularly if you remember some part of those olden days. Send **GREAT NORTHERN** a SASE and ask for their current catalog.

Another German publisher who might have some radio items of interest is **SHORTWAVE PRESS SERVICE**, Weenderstrasse 30, W-3400 Goettingen 1, Federal Republic of Germany. Again, a few IRCs should result in your obtaining a list of their items. They do publish one booklet called "Clandestine Calling" which principally might be of interest to listeners in Europe but they also print various general radio editions in German, in English and in Spanish. Other offers include cassettes, posters, postcards and almost anything radio you might name. Ask them for current information on their radio offerings.

With the eastern block stations changing their attitudes, their interests and their availability of money, we may not see as many radio station pins as we have in the past but some stations, including BBC and HCJB still have attractive logos to wear on your clothes--or to be stuck in the wall or in a pin cushion in your radio room. If, over the years, you have gathered enough different station pins that you would want to present a better method to display them--drop a note to **BILL NELSON**, Post Office Box 41630, Tucson, Arizona 85717 (you can telephone him at 800-368-8434 or 602-629-0868) and ask for information on his **THREE** different lines of pin frames. (Bill handles Olympic pins and offers frames as an extra--they come with both easels and hooks which allow them to be placed on any flat surface or on a wall.)

Another source who offers Latin American Verification Signer data and information has been found--**DAVID MARTIN**, 9 New Street, Mansfield, Victoria 3722, Australia completed his seventh edition in July 1991. It is twenty-two (22) pages of information obtained through various sources which offer names and titles of QSL signers. The latest list identifies 449 signers from 502 broadcasters in Central and South America. David's price for airmail service is \$6.US or seven (7) IRCs. This set of letter-size sheets certainly complements other such similar publications and David has been updating on a continual basis; his information should be fresh.

# SPEEDX UTILITY WORLD

**Chuck Yarbrough, Editor**  
Johnson's Mobile Court, Lot 29  
Route 6  
Statesboro, Georgia 30458

*News and reports from the world of non-broadcast shortwave radio  
.....Deadline for articles and loggings the 15th of each month.....*

August certainly has given the utility shortwave listener much on which to concentrate. The abortive Soviet coup d'etat, Hurricane Bob ravaging the East Coast of North America, and the ongoing crisis in Yugoslavia have provided something for every type of utility signal monitor.

To top it all off, I've moved! Be sure to send all correspondence to my new Georgia address above. Yes, the address IS in the United States, not the USSR! Don't worry if you have already sent something to the old Wingate address, all mail will be forwarded for 60 days anyway.

The reason for the change? I have accepted a teaching position at Georgia Southern University. I'll be teaching Speech, Mass Communications, and Public Relations here for the next year or so. If you are in the area, look me up--I'm in the phone book!

The move has given me the opportunity to "re-vitalize" my radio shack and my lead article is an outgrowth of this process. With DX season rapidly approaching, I felt that it might be useful to focus on "peaking" your radio system for the best possible performance. Read on!

## Gearing Up for DX Season...

When cooler weather comes, can DX season be far behind? Like every good SWL I have been trying to spruce up the DX Shack and maximize the performance of my equipment. In addition to restringing antennas, making sure my coax cables are all intact, and updating all my reference materials, I have been working on reducing the amount of Radio Frequency Interference (RFI) in my shack as well.

As some of you may have read in my past writings, I have always had problems with computer generated RFI, particularly from my RTTY decoders. I am glad to tell you that after talking things over with Fred Osterman at Universal Radio, I have largely solved my RFI problem. In my particular case, most of my RFI seemed to be coming from my Universal M-7000. There were times when I couldn't receive signals on large segments of the HF spectrum due to RFI. All it took to solve the problem in my

case was to unplug the parallel printer cable from the port on the back of the M-7000. What a difference! The machine is as quiet as a kitten now. Maybe there are some lessons which I have learned which will make this DX season your best one yet.

Fred said there are generally three different ways that RFI can be introduced into your system. First, you could have a defective machine. Not very likely, but always the first impulse for humans--always blame the other guy! Second, RFI sneaks in many times through some peripheral device like a printer, a monitor, or any other add-on to your system. Obviously the more peripherals you have hooked up to the system the more risk you run of introducing RFI. A third means of introducing RFI is to have open shielding somewhere in your system. The most common places for poor shielding are around poorly wired (or old) plugs either in your antenna downlead or between system components.

In my case, I had open shielding in the parallel printer cable exiting my M-7000. Even with the printer off I was "opening" the port to let RFI "out of the box". To the naked eye the cable looked absolutely fine and I bought it because the dealer said that the cable was "double-shielded" (whatever that means!). So, I guess I owe Universal and Digital Electronic Systems an apology for dinking their M-7000 as an RFI generator. I'll chalk this one up to experience and hope that you can learn something from my mistake. Also, lets make Universal feel better and all go out and buy an M-7000!

To summarize, here are my "10 Commandments" for reducing RFI in your radio shack:

1. Use as little electronic equipment as possible in the shack. You do need some, but don't turn on every little box just to see the lights twinkle!
2. Check ALL connections on ALL cables. Make sure that the coax braid is properly connected.
3. Check your coaxial cables for cracks, crimps, and other signs of wear or damage. Replace all damaged or old cable. This is especially important for antenna leads.
4. KISS--Keep It Simple, Sydney! Try to

limit the number of connections you have to make within your system.

5. If you use a personal computer in your shack, use a slower machine. According to experts, the higher your CPU clockspeed the higher the level of interference.
6. Use a well shielded video monitor for any computer interface. Metal cabinets are best and always use shielded coax for the connection between the computer and the monitor--keep the signals INSIDE the cable where they belong.
7. Use an external antenna with coax download.
8. Don't watch television and use the radio at the same time. TVs are notorious RFI generators. Even with a well-shielded system a TV several yards away can introduce a considerable amount of RFI. Even remote control units are to be considered suspect.
9. Try to locate printers away from receivers and antenna leadins. Many printers are great RFI generators.
10. Try to avoid fluorescent lighting in your radio shack. Incandescent lighting creates much less RFI.

Don't expect to get rid of all RFI. Even the best systems have a small amount of RFI. If nothing else, most receivers (particularly with fluorescent displays) will generate small amounts of RFI.

I hope that you will already have found my 10 Commandments of RFI useful. If you are lucky you won't need them. If, after doing everything I suggest you still have RFI problems, then try to isolate the source of the interference. Tune to an RFI-riddled signal and then disconnect all of your peripherals one at a time until the noise is gone.

If you are like me, by reducing the amount of RFI in your shack, you could just make this DX season the best one yet. If you have any other RFI reduction rules, please pass them along and I'll publish them in a future issue.

### True Portability: A Review of the MICRODEC SERIES Decoders

Many of you might have seen the recent ads for the MICRODEC decoder which is designed to meet the modest budgets of most SWLs. This decoder, or rather series of decoders, is designed, built, and marketed by Somerset Electronics of Satellite Beach, Florida. This month I will review this series of totally portable CW/RTTY/SITOR decoders.

Upon first glance, this little machine (it measures a total of 5 inches x 5 inches x 1.5 inches) is fairly unassuming. The lack of complicated switching controls and might lead one to think that you need a computer to run this little beauty--WRONG! Each of the models currently available is totally self-contained. The only other thing you need to run it is a shortwave receiver.

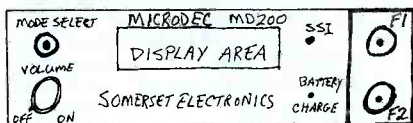
I have used one version or another of the MICRODEC for almost two years now. The key to success with the unit is to limit your expectations as to the functions the unit will be able to perform. This machine is bare bones, no frills, but an effective code machine. Don't expect to decode ARQ-XYZ from Mars on this baby--just the basic modes.

The MICRODEC MD series of decoders comes in three basic models (100, 200, and 300). Each machine is designed to be upgraded at a future date. Indeed, I first bought the basic MD-100 and have since upgraded to the MD-200. The MD-100 contains CW functions, four speeds of RTTY, Bit Inversion, as well as ASCII. The MD-200 contains those functions plus the addition of SITOR-A (ARQTOR) and SITOR-B (FECTOR). The MD-300 simply provides a video/ parallel printer interface.

The basic unit, the MD-100, was the machine I purchased back in January 1990. At that time the unit was simply a good CW reader with four RTTY speeds thrown in to make things interesting. With this unit I travelled all over Europe, as well as North America, and was able to assemble a pretty amazing log from such a deceptively small unit.

The '100 I had at that time had no filtering in it, and as a result the unit was prone to microprocessor "reset"--a condition which is caused by overload of signals coming into the unit. This signal overload was generally caused by exterior noise, like lightning and static crashes. This problem has been largely corrected through the addition of several filters which limit the incoming signal. All '100s now have filters built into their circuitry. A final useful feature for radio amateurs and future hams is the code key feature of this unit. Also, in CW mode, there is a speed feature which will estimate how many words per minute (WPM) the incoming text is being sent. Also, in the CW practice mode this nice feature can tell you how fast you are sending to the unit. It is important to note that this machine will not send code, only receive or accept input from a code key for practice purposes.

Tuning RTTY on the '100 is fairly easy. The four RTTY speeds included in the unit are 60WPM (45 Baud), 67WPM (50 Baud), 75WPM (57 Baud), and 100WPM (75 Baud). These speeds are selected by pressing one of three controls on the front panel of the machine. Bit Inversion, Signal Inversion, as well as both Bit and Signal Inversion can be selected for each speed.



MD-200 FRONT PANEL

While Bit Inversion is not used very frequently these days, it is a simple form of encryption. This is the lowest-priced unit which I have been able to find which includes this advanced feature. The ability to receive ASCII at either 110 or 300 baud is also included in the '100. ASCII bit inversion is also included. I have not found this mode to be very useful mainly because ASCII is not encountered very often on HF. Packet would have been a more useful mode to most Hams and SWLs. Perhaps Microdec will include this in their next update.

The MD-200 is the intermediate unit in the series. It is exactly like the '100 except that it also includes the popular SITOR A and B modes. Each of these modes can be received in either a filtered form (this is the default) or in an Unfiltered mode. The unfiltered mode allows the listener to view all incoming characters, including control codes. Most of us will want to use the filtered mode, however.

Ok, I can hear you asking, "We'll what do you think?" I think that this is a pretty neat little machine. Given my earlier proviso that you shouldn't expect this unit to outperform the M-7000, I think this is a great value. The price varies with each unit, and each version is upgradeable, so you can build your machine a little at a time (with the resulting lower price) and upgrade later. The manual which accompanies the machine is also "top drawer". I like the users-end approach that Belgin and company has employed to get you involved in the basic theory you need to effectively use the machine.

One of the hallmarks of Somerset Electronics is that they have excellent customer support. More than likely, if you call the company you will end up talking to Mike Belgin, the President. He also is intimately involved in the design and construction of each unit, so you WILL get straight answers from him.

#### So how does the unit work?

First of all, you do not need an ICOM R-9000 Megabuck receiver to run this baby. In fact, I have found that the MD-200 works BETTER off of my good old SONY ICF-2010 portable! The only requirement for a receiver is that it has either a BFO circuit (as in the Realistic DX-440) or SSB modes capability. The reason for this is that most utility signals use SSB to transmit their info. I had the NICAD option installed in my unit so that I can use it as my portable decoder. This freedom is marvelous! The only connection between your receiver is a coaxial cable with a 1/8inch mini connector on each end. Simply connect one end to your portable's earphone jack and the other end of the cable to the signal input jack on the back of the decoder.

Next, turn the knob on the front panel (there is only one!) and wait for the word

"READY" to come up. Then simply depress the "Mode Select" button on the front panel to select whichever mode you want to use. All information is provided you via the 8-character dot matrix LED display on the front panel. Functions within each mode are selected by depressing either the "F1" or "F2" buttons on the right side of the front panel. Tuning is achieved by lighting the "SSI" (signal strength indicator) light on the front panel. No, its not as good as a tuning scope, but it does a credibly good job of telling you whether you are 'on top of a signal' or not.

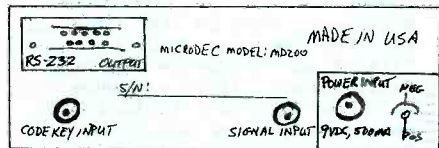
If you think you may have trouble keeping up with the built-in 8-character display, you might want to get the "high end" unit, the MD-300. The video interface will allow you to see the characters for a longer time, which might be useful especially when receiving schedules or news from RTTY or SITOR stations. The '300 does not include any more modes than the '200 does, but it allows you different ways to get output.

#### Should you buy this machine?

Obviously, your own interests and situation will determine whether you will want an MD-series decoder. If you aren't sure if you want to give the digital signals scene a try, this would be a good low-cost way of doing so. Or, if you simply refuse to learn CW (like me!) and would like to read it, this would also be a good choice. If you want a "travel decoder" then this will also be one of the best choices for you.

However, if you are wanting to log every digital station you hear, you will be disappointed in this unit. While I have not encountered a CW station I couldn't decode on this machine, both the RTTY and SITOR modes are a bit tricky until you have worked with your system for a while. You have to have a strong signal coming into the decoder to get any output. Also, all tuning is manual. No SPEED READOUT functions here! As I said--bare bones! You will decode stations in all these modes, but due to the coarse tuning steps of most portable receivers you will not be able to copy every signal. Of course if you hook the MICRODEC to your megabuck receiver, you will copy more.

I have found that with my SONY portable, an external antenna is a necessity. It really



MD-200 REAR PANEL

makes the difference between copying that RTTY signal and getting NADA! I have used both the SONY AN-1 active antenna and a spool of wire (23 feet long) with about equal results. With that setup I have decoded meteo stations, Press Agencies (MENA, USIA, TANJUG), and of course, amateur radio operators. In SITOR-A mode I have copied WLO, KFS, WNU (all shore stations) as well as weather broadcasts in SITOR-B. I have even copied the Egyptian embassy in Washington, DC in SITOR-A as well with this unit.

So, if any of the above sounds interesting to you, I can recommend a unit in this series. Prices are as follows: MD-100 is \$199.95; the MD-200 is \$309.95; the MD-300 is \$409.95. Contact Somerset Electronics direct at 1-800-678-7388 to order. All models are also sold through Grove Enterprises (P.O. Box 98, Brasstown, NC 28902) as well. Tell them SPEEDX sent you.

### Utilitarian Potpourri

With all of the exciting international events happening in the world today, several of you have requested some frequencies to monitor in order to keep up with the most current developments.

### TASS Frequencies

Despite the fact that the coup in the USSR is over, TASS (Telegrafnoje Agentstwo Sowjetskoje Sojusa) is still an interesting news service to monitor on RTTY. The best NAM frequencies for TASS are **14901.0** (CLN-451) and **16348.0kHz** (CLN-530) from approximately 1200UTC until 2000UTC. All TASS transmissions are 50/425. These are parallel frequencies and provide excellent quality copy. Other frequencies to watch are 16136, 10270, 18125, 18385, 7560, 8030, and 9145. I have not copied RTTY on these frequencies recently, but they have been active in the past. All frequencies are courtesy of Fred Osterman.

### NOAA Hurricane Hunters

I hope all of you on the ENAM coast survived Hurricane Bob unscathed. I received several calls from reporters during the storm for NOAA Hurricane Hunter SSB frequencies. I was able to copy NOAA42 talking to KJY74 (National Hurricane Center in Miami) on **6673.0kHz** during the evening hours local time (EDT). Other frequencies to check are 8876, 10015, and 13267kHz. There are currently two Hunters, NOAA 42 and 43, who take turns flying through the storm. Here's an instance where Bob Evans' AeroComm Handbook really came in handy! (All frequencies courtesy of Bob Evans.)

### TANJUG Schedule

Throughout all of the more recent crises, the situation in Yugoslavia is still tense and

could erupt in armed conflict at any moment. RTTY monitors can receive TANJUG News Agency every day. I have found that the best frequency to monitor on the NAM East Coast is **12212.5kHz** at 0400UTC. All TANJUG transmissions are 50/425. The English service schedule follows:

### English Round-the-Clock Service

Freq.	UTC	Call	Power(kw)	Target Area
11604.0	0400-1700	YZJ2	25	SE Asia
13440.0	0400-1700	YZJ5	25	Far East
<b>12212.5</b>	<b>0400-1700</b>	<b>YZO7</b>	<b>10</b>	<b>EEur; EAfr; MEast</b>
<b>7658.0</b>	<b>0400-1700</b>	<b>YZD</b>	<b>10</b>	<b>WEur; WAfr</b>
7996.0	1700-0400	YSZ9	25	SE Asia
7806.0	1700-0400	YZD7	25	Far East
5240.0	1700-0400	YZD2	10	EEur; EAfr; MEast
7658.0	1700-0400	YZD	10	WEur; WAfr

(Sunday 0900-2200; Monday from 0900-2200)

### English Regional Service

11604.0	0400-0500	YZJ2	25	SE Asia
13440.0	0400-0500	YZJ5	25	Far East

(Only Sunday and Monday)

16343.0	1300-1400	YZJ4	25	EAfr
20204.0	1300-1400	YZJ	25	SAfr

This sked was received by your humble editor on 9 August 1991 on 12212.5 at 0400UTC.

### And No Crisis in Switzerland...

In a trend which all utility monitors would like to see continue, Swiss Radio International has started its own RTTY Service. It transmits daily from 1830-0300UTC in GG, FF, and Italian. All transmissions are 50/170, and the 10515kHz signal is excellent in ENAM. Their sked looks like this:

17530 to Africa from 2000-2100UTC  
 10515 to Asia from 0030-0130UTC  
 10515 to SAM and Nam from  
 0200-0300UTC

The address for SRI's RTTY Service is, CH-3000 Berne 15, Switzerland. Now if they would just transmit in English!

### Next Month...

We will examine the Military Affiliate Radio Service (MARS) next month as well as the review of the new Klingenfuss Radio-teletype Code Manual. I will also have a special puzzle for those of you who like to dwell in the 1600-2000kHz environs. Finally, I will advise you of changes in how the Post Office handles military mail.

I have been very pleased with the large volume of loggings you guys send every month. Keep up the good work! Only one page of freqs this month, I promise more in October. On to the loggings.

# September SPEEDX Utility Loggings

Freq.	Mode	Call	UTC Station	Comments/Contributor
4812.5	RTTY	LZA8	0233 Sofia Meteo, BUL	50/425 Coded Meteo/Ross-ONT
5426.0	CW	KRH50	0356 Croughton AB, UK	US Embassy Tfc w/QRAs/Lukas-NY
6320.0	SIT-B	KPH	0300 San Francisco, CA	TF List/ Berri-CA
6655.0	USB	....	1041 Honolulu, HI	NW FL350; Air China 991/Fujima-CA
8713.5	CW	FFT43	0200 Saint Lys, FR	Marker/Babin-MA
8951.0	USB	....	1037 Tokyo, JAP	wkng KALO18/Fujima-CA
10916.0	RTTY	RFTJ	0454 Dakar, SEN	ARO-M2 96/chnl B Testing/Babin-MA
10214.9	RTTY	HZN48	0027 Jeddah, SArabia	100/170 Coded Meteo/Ross-ONT
10480.0	FAX		2225 Buenos Aires, ARG	60/576 AP Press Pix/Ross-ONT
11176.0	USB	AFD14	0316 Ascension	Wkng MAC flts fone patch/D' AngeloPA
11452.7	RTTY	IBM3	0136 Rome, ITA	50/850 Coded Meteo/Ross-ONT
12566.0	RTTY	UDZR	2358 RR Ship Pamyat II	wkng URB2 Klaipeda, USSR/Fine-MD
12568.0	RTTY	P3LU3	0232 RR Tanker Zoya-1	50/170 w/tfc to CLN/Berri-CA
12664.5	CW	FUM	0441 Papeete, Tahiti	V Marker/Conway-UK
12711.0	CW	HCG	0504 Guayaquil, ECO	TFC and Tfc List/Conway-UK
13060.5	CW	TUA5	0723 Abidjan, Ivory Cst.	Manual CQs &Tfc/Conway-UK
13916.2	RTTY	CLP8	0009 Conakry, Guinea	Cuban Emb. 50/425 RYs /Ross-ONT
14498.0	RTTY	CSY66	0100 Azores	50/815 wx repts/Babin-MA
14833.7	RTTY	CLP1	2216 MFA Havana, CUB	50/500 5lgrps to Argelia/Ross-ONT
14911.9	RTTY	DFZG	1511 MFA Belgrade, YUGO	75/425 Nx in Croatia/Ross-ONT
15015.0	USB	OMNI520A	1910 Albrook AB, PCZ	phone ptch to Howard AB/Dome-TX
15856.7	ARO-E	DMK	2100 MFA Berlin, GER	96/170 Idling/Ross-ONT
15917.8	RTTY	GYA	0028 RN London, UK	75/850 Coded Tape/Ross-ONT
16071.7	SIT-A		0042 MFA Cairo, EGY	Coded AA Tfc/Ross-ONT
16116.8	RTTY		1833 Dakar, SEN	PANA FF Nx/Ross-ONT
16351.1	RTTY	CLP1	2235 MFA Havana, CUB	50/500 MINREX to Congo/Ross-ONT
16808.0	SIT-A	KFS	0224 San Francisco, CA	EE telexes/Berri-CA
16912.0	CW	SUH	0828 Alexandria, EGY	CQ marker/Conway-UK
17239.1	USB	5BA62	2015 Nicosia, CYP	Coast Chnl 1603, cont. IDs/Lukas-NY
17790.5	CW	UHK	2035 Batumi, USSR	V Marker/Conway-UK
18009.0	USB	G5U	0427 USN HICOM (Pacific)	wkng V9V w phonetic tfc/Johnson-IL
18164.4	RTTY	STK	2215 Khartoum Air, SUD	50/425 Coded Meteo/Ross-ONT
18309.9	RTTY	RDT57	1711 Moscow, USSR	50/425 TASS FF Nx/Ross-ONT
19400.0	RTTY	VVD69	0222 Delhi, INDIA	50/170 Coded Meteo/Ross-ONT
19748.0	RTTY	UNID	0050 UNID (Dakar?)	Meteo; 5-ltr grps 45/120/Flynn-OR
19844.8	RTTY	RWZ74	1516 Moscow, USSR	50/425 TASS EE Nx/Ross-ONT
20286.5	SIT-B	SOV228	1415 Warsaw, POL	PAP Polish Nx/Ross-ONT
20599.8	RTTY		1633 Tripoli, LIB	50/425 JANA EE Nx/Ross-ONT
22352.0	CW	UFL	0030 Vladivostok, USSR	Tfc/Lueck-WI
22421.0	CW	JCS	2121 Chosi Marine, JAP	Calling QSX?/Lueck-WI
22448.0	CW	YQI7	0703 Constanta, ROM	Tfc List/Conway-UK
22523.0	CW	ZSJ	2040 Capetown Naval, RSA	CQ Marker/Lueck-WI
22548.0	CW	TAH	1720 Istanbul, TUR	V Marker & CQs/Lueck- WI

Sorry I couldn't include more loggings this month. I'll put them in next month. Be sure and send everything to me in Georgia for next issue. Also, be sure to send along any info you receive having to do with the world of shortwave utilities. Query for the month--What effects will the U.S. Government's closure of many military bases have on utility listening? Send me your answers or information (or an article) and I'll include it later.

Until October--

*Chuck*

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