



OCTOBER, 1990

Volume 20, Number 10

IT'S HERE!



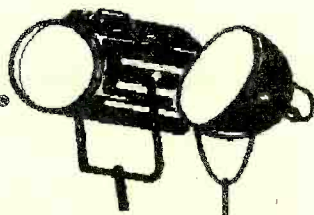
The all new SPEEDX UTILITY STATION LIST is now available. Featuring the complete compilation of all non-broadcast stations reported to SPEEDX since 1989. Includes military, maritime, aeronautical, and more. See this month's Utility column for more details.

CONTENTS

- | | |
|---|---------------------------------------|
| 2. SPEEDX SPOTLIGHTS/DX MONTAGE, John Trautschold | 17. WESTERN HEMISPHERE, Don Thornton |
| 6. CONTINUOUS TUNING, Ed Janusz | 22. EUROPE, Bob Colyard |
| 11. WHAT'S ON, Daniel Sampson | 26. USSR, Jason Berri |
| 15. TECHNICALLY SPEAKING, Kent Willis | 28. AFRICA, Paul Wakefield |
| | 32. ASIA/OCEANIA, William Westenhaver |
| | 37. QSL REPORT, Ray Forsgren |
| | 39. UTILITIES, Paul Lannuier |

THE DX MAGAZINE FOR ACTIVE SWLs

Spotlight on...



edited by: John Trautschold

354 N. Winston Drive

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

(with the help of the Altair 8800 & Atari 1040ST computers.....)

OCTOBER 1990

TOTAL CONTRIBUTORS: 43

1	BAGOZZI, STEVE	CA FR68800	1	KLINE, JAMES	CA FR68800
1	BARRERA, GABRIEL IV	AR IC-R71A	1	KUNKEL, ROLAN	CA DX440
1	BISHOP, FORREST	NY RF4800	2	LANDAU, ROBERT	NJ NRDS25
8	BROWN III, EDWARD	IL ICF6800W	2	LEADER, PATRICK	IR D2935
1	BRYANT, MICHAEL	UT ICF2010	1	LEMKE, RICHARD	AB IC-R71A
2	CADORETTE, NORMAN	MA ICF2010	1	LEVISON, HAROLD	PA IC-R70
1	CAMPORINI, DANIEL	AR	1	NEFF, GEORGE	FL ICF4800
7	CARSON, JOHN	OK SPR4	1	O'CONNOR, PATRICK	NH IC-R71A
2	CICHOREK, EDWARD	NJ FR68800	4	PARK, DALE	HI R5000
1	COLYARD, BOB	NJ R2000	5	REEVES, ROBBIE	OR ICF2010
1	ECKERT, JOHN	PA R5000	3	ROBINSON, BETSY	TN IC-R71A
1	EVANS, JAMES	TN IC-R71A	1	SCHULSINGER, MICHAEL	OH R5000
6	FAMULARO, RALPH	JP ICF6000A	3	SCOTT, VAL	CA IC-R7A
1	GAHARAN, CHARLES	LA FR68800	1	TAKEUCHI, KENJI	JP R2000
3	GEORGE, STEVE	MA R5000	3	THOMPSON, PEGGY	CA FR67
1	HARDESTER, MIKE	JP IC-R70A	3	THORNTON, DON	NJ NRDS25
1	HUFFAKER, CARL	MX HOMEBREW	4	WAKEFIELD, PAUL	IA ICF2010
1	HUNT, WILLIAM	FL R5000	2	WEBER, DONALD	OH R2000
3	JANUSZ, EDWARD	NJ ICF2010	6	WESTENHAVER, WILLIAM	PQ ICF6500W
5	JOHNSON, TIM	IL R5000	3	WILLERS, STEVEN	SW NRDS25
1	KARCHESKI, WALTER	MA R5000	3	WRIGHT, PHILIP	ON DX400
2	KISELYOV, STANL	UR R-155M			

THE FOLLOWING COLUMNS DIRECT CONTRIBUTIONS WERE NOT RECEIVED IN TIME:
EVERYTHING!!!

THE FOLLOWING COLUMNS ARE INCLUDED FROM LAST MONTHS BULLETIN:
ALL COLUMNS FROM SEPTEMBER!

Welcome back to another month of *Spotlights* and *DX Montage!* As I'll be discussing in more detail in *DXM*, this month's *Spotlights* is again somewhat messed up. Not to fear though, it should all be straightened up next month...I hope!

FULL MEMBERS FOR OCTOBER!

We have one this time...and with the trumpets ablaring, we announce...

MIKE WOLFSON.....OHIO

Welcome to the distinguished list of *SPEEDX* Full Members! Thanks for your support these past few months.

To become a Full Member of *SPEEDX*, all you have to do is earn 10 membership credits in any one year span. See your membership book

for all the details. (This is the book you received when you first became a member of the club.)

FIRST TIME CONTRIBUTORS TO SPEEDX

We have three first time contributors this month...and here they are!

STEVE BAGOZZI.....CA
DANIEL CAMPORINI...ARGENTINA
STANLEY KISELYOV.....USSR

Welcome aboard gentlemen. Thanks for your interest in *SPEEDX*. We hope to continue to receive your contributions.

And that's it for this month. Hopefully everything will be straightened out next month when my schedule returns to normal! (If that's even possible!) Enjoy!



DX MONTAGE

LETTERS AND QUIDS FROM 'ROUND THE WORLD!

MEMBER PROFILE ROB HARRINGTON

Rob is a resident of Denver, Colorado and has been a shortwave listener since 1965. Rob joined SPEEDX when it was first formed in 1971. As of April 1990, he has heard 114 countries and QSLed 74 on SWL.

In 1956 Rob discovered KOMA, WLS, KFI and WSM which got him very interested in hearing far away stations. Shortwave was unknown to him in 1956, since he was only seven years old then! It was not until 1963 when his grandmother gave him a very old floor model of the Zenith Transoceanic receiver. The tubes in this radio were marked as 78, 42, 45, 48, etc. One tube was not in its place, so Rob plugged it in and turned on the radio to 15MHz. To his and his family's surprise Rob picked up *Radio Australia!* There was no antenna for the reception, just the built in wire.

In 1965 the Transoceanic was donated to the South Platte Flood relief group. Rob then went out and bought a Hallicrafters S-120. In 1967 he heard *DX Party Line* and joined the ASWLC. In 1968 Rob got a Radio Shack DX 150 and in 1970 he got the Drake SW4 which he used until 1977.

In 1978 Rob purchased a Radio Shack DX 300, which he felt was the worst shortwave receiver ever made. A Kenwood R1000 replaced the DX 300 in 1980. Rob plans on obtaining his Amateur License within the next 2 years, and plans to buy a TS140S for both hamming and SWLing.

Rob is now married to a lady who also likes SWLing! Before Joyce met Rob, she too was interested in meeting someone that was a SWL. Interestingly, Joyce's last name before marriage was *Arrington...* of course, it's now *Harrington!!* Their relationship took off so well that they were engaged 9 days after first meeting each other!

Rob is always interested in corresponding with any SPEEDXer. You can write to him at P.O. Box 22202, Denver, CO 80222-0202. It may take awhile though to get a reply back...he says he gets anywhere from 60 to 75 pieces of SWL related mail per month, which does keep him busy reading and answering mail! Rob is also active in computers, travel and ham radio. If you are on the Shortwave Echo (the FIDO

computer system) Rob is there also.

A USSR PENPAL?

Well, here's your chance to correspond with a person from the USSR who's looking for a pen pal. His name is Sergey Moshev, he's 22 years old, and his main interest is in DXing! He's also interested in computers, pop music, pennants and station badges (pins?). If you'd like to correspond, start the ball rolling today by writing to Sergey at:

Pervomaiskaia 26-144
Dubna
Moskovskaia OBL
Index-141980 USSR

COMPUTER SOFTWARE FOR SWL'S

If you own one of the following types of computers, there's a possibility that H.S.B. Software of South Pittsburgh, TN may have something of interest to you! What are those computer types? How about TRS80 Color Computer & II & III, Atari 8-bit, Commodore 64 or 128 and IBM PC (or compatible) with at least one 5 1/4 inch floppy drive! All of the software is shareware (meaning if you use it you're expected to pay the author a small fee for his/her time in creating it!).

For the TRS80 CoCo there are RTTY, Slowscan-TV and WE-FAX programs available. For the Atari 8-bit computers there are Radio Modem, Morse Code, Slow Scan TV and RTTY programs available. Similar programs are available for PC's and Commodore computers.

H.S.B. also runs a computer bulletin board. Some sample software is available there. Give the BBS a call at 615-837-8352 between the hours of 9:30 pm and 6:30 am CST. A password must be issued before downloading programs.

If you'd like more information about H.S.B. Software, give the BBS a call, or call that same number during the day for information or ordering. You can also write to them at:

H.S.B. Software
213 Holly Avenue
South Pittsburgh, TN 37380-1313



RADIO NEDERLAND'S RECEIVER SHOPPING LIST

Just received Edition 12 (July 1990) of R. Nederland's Receiver Shopping List. If you've never seen this booklet before, and are in the market for a new or used receiver, this is the booklet to have! It's 56 pages long, jam-packed with information on all types of receivers.

The table of contents tells it all: Regional Price Variations, Choosing a Receiver, Current Receiver Survey, Recently Discontinued Receivers, SW Equipment Sources, Military Surplus Receivers, Vintage Wireless Societies, Selected Reference Books, Service Sheet Sources and Receiver Information Sources! Whew!

I wish I had the room here in *DXM* to give this fine publication a complete review because it certainly deserves it. I'd venture to say that there isn't a currently produced receiver that hasn't been covered in the booklet. Manufacturers covered include Sangean, Philips, Vega, Sony, Grundig, Panasonic, Magnavox, AOR, ICOM, Pan International, Lowe Electronics, Yaesu-Musen, Kenwood, Japan Radio, etc. The receiver reviews are according to type of receiver, such as: Portables, Hobby Receivers, Semi-Professional and Shortwave in the Car. There's also a list of recently discontinued receivers for each of the 4 categories mentioned.

Although the review of each receiver doesn't go into as much detail as you'd find in a technical column, they do provide information for each of the receivers, plus "comments" by the authors on the receiver. (Did you know that ICOM will be releasing, later this year, the IC-R72A? It's to be a budget version of the R71A. Prices are not yet available.) Each receiver is given a "rating" by the authors on a scale of 1 to 5 (using stars) which is based on the overall value you'll get with a particular receiver.

One of the more interesting sections of the booklet is right at the beginning where they list the new receiver models, deleted models, tested and rejected models and price differences in different regions of the world. They also discuss duty free areas in airports and "photo" discount centers.

All told, this booklet would make an excellent reference source if you are in the market for a new receiver or are curious about the rating given your current model. And the best part is that the booklet is free for the asking. If you'd like your copy, send a note off to:

Receiver List (attn: Jonathan Marks)
English Section
Radio Netherlands

P.O. Box 222
1200 JG Hilversum
The Netherlands

Make sure to tell Jonathan that you read about it here in the *DXMontage*!

Don't forget that Jonathan hosts the weekly *Media Network* program on Radio Nederland on Thursdays. A new season of *Media Network* starts on October 4th with a special program dedicated to those new to the field of international radio listening. He'll be passing on tips on writing to stations, and exploding more myths that surround the world of "DXing".

In the coming months *Media Network* will tackle topics such as digital audio from satellites, the high definition TV developments, and changes to the radio scene in Eastern Europe. There is a regular mix of news editions and full-length documentaries.

Check the other *SPEEDX* columns for current information on where to find Radio Nederland. You may want to try the following English language broadcasts to North America:

0030-0125 6165, 11740 & 6020 kHz
0330-0425 9590 & 11720 kHz

UNIVERSAL SHORTWAVE CATALOG

Just received the new Universal Radio catalog, and as usual it's packed full of all sorts of neat things I can't afford (or even justify!) But it's fun looking through none-the-less! If you are in the market for anything related to the radio hobby, this is probably one of the first places you ought to be looking. Fred Osterman's done an excellent job over the years keeping us radio hobbyists equipped. (By the way, Fred was one of the consultants for the R. Nederland receiver book mentioned above.)

There's no way I can do this catalog any justice in the column, so if you haven't already received your copy, get it today. You can write to Fred for a copy at:

Universal Shortwave Radio
1280 Aida Drive
Reynoldsburg, Ohio 43068
or give them a call at either 614-866-4267 or 800-431-3939. You'll be glad you did!

WORLD RADIO LISTENERS LEAGUE

The World Radio Listener's League is an international, non-profit group of radio monitoring enthusiasts whose purpose is to

organize a network for the exchange of data, ideas and helpful information. The primary goal of the WRLL is to promote the hobby of SWLing by offering as many money saving services to the members as possible.

Because the WRLL is non-profit, all monies are used to aid the members in enjoying the hobby. We pay no salaries, nor ever show a profit because the fees are always used to offset the costs of the services.

Currently, the services to the WRLL membership are: A Mail Forwarding Service, Registering Service, Radio Prague Listener's Club, The "Habana Club", The "Dear Friends" SWL Pen Friends Club and later in the year hope to start an awards program.

The annual fee is \$5.00 for American members. If you are interested, write today for more information. The address is:

World Radio Listeners League
4281 Sleepy Lake Drive
Fairfax, VA 22033-2864

YOU'RE TYPING THIS WHERE???

As I mentioned in last month's bulletin, I had a lot of business traveling to do during the months of August and September. As a matter of fact, I'm sitting in my hotel room across from the Pacific Ocean in San Diego right now. I'm doing the October column in mid-August...a bit earlier than normal but necessary if I'm to get this done on time! (Portable computers sure do come in handy!...guess I'll have to give credit to both of my Atari machines now...the original 1040 ST and now my laptop portable, the Stacy 4!)

Looking out my 11th story window, I have a beautiful view of the city of San Diego in one direction...the ocean the other direction, and if I had windows out back, I'd see Mission Bay as well. Ah...the life!

Although by the time you read this, my business here will have been accomplished, I have yet to start with the negotiations mentioned

last month. The fun begins tomorrow! Hope we had good luck! I'll let you know next month if I'm still alive!

CUBA WANTS TO MEET WITH ITS NEMESIS

From *Insight*, July 2, 1990

Submitted by: Harold Langlois (who else?), FL

"Carlos Aldana, chief of the Revolutionary Orientation Department of the Cuban Communist Party Central Committee, says Cuba wants talks before September with Washington on disagreements, including the U.S. governments Radio and TV Marti broadcasts. Aldana showed a keen interest in the welfare of U.S. taxpayers, saying that he hoped for 'a more responsible notion' of how money allocated to anti-Castro activities should be spent. In September, Cuba will host a conference of the information ministers of the non-aligned countries. It is expected that they will follow Cuba's lead in denouncing U.S. radio and television broadcasts to Cuba."

A "RADIO SHACK" RADIO SHACK!

SPEEDXHQ's recently received a note from member Gene Morris of Texas (home of the *Tandy Corp!*). Anyway, part of his note talked a bit about the setup he currently uses...

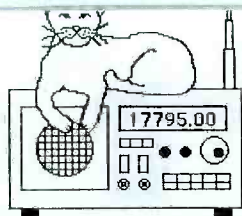
"My receiver is a *Realistic DX440* with a long wire antenna (*Radio Shack kit*), *Radio Shack* tape recorder, *Radio Shack* ear phones and *Radio Shack* antenna switcher. In fact, my whole radio shack is *Radio Shack*." <grin>...guess we know where Gene likes to shop! Glad to have you aboard as a member Gene.

Remember everyone...no letter to any *SPEEDX* staff member is ever safe from the pages of *DX Montage!!!!* See you all next month!

Help Wanted...For Sale...Trade...You Name It!!!

WANTED: Copies of or info on how to obtain copies of a publication entitled "Spark Gap Times" from either 1963 or 1964. If you can help, please call collect: Art Ronnie, Los Angeles, CA. 818-797-3808

LET 'EM GO! Unclutter your shelves and help me clutter mine! Needed - *SPEEDX*, pre-1972 (all), 1972 (7, 12), 1973 (4-9), 1974 (2, 5-12), 1975 (all), 1981 (2), and 1983 (2). Like any good completist, will pay reasonable amounts for the above. Thanks. Al Quaglieri, P.O. Box 888, Albany, NY 12201-0888



Continuous Tuning

Ed Janusz

Box 149

Bricktown, NJ 08723

Hi. For your entertainment this month, we have: An ANARCON report from Woody Seymour... a guide to goodies for sale ("Trash and Treasure") compiled by Don Weber... some programme news... and, as usual, 40 different typefaces. If that doesn't sound like six pages' worth of stuff, you're right, it probably isn't; but I'll think of something.

ANARCON '90

by Woody Seymour, Jr.

The Association of North American Radio Clubs (ANARC) held its annual convention September 14-16 in Virginia Beach, VA. This year's convention was held in conjunction with the annual Tidewater Hamfest and Computer Fair. Over 75 shortwave listeners and DXers registered for ANARCON, and they were joined by broadcasters and representatives from over a dozen shortwave stations.

After a Friday night reception at the convention hotel (the Radisson of Virginia Beach), attendees arose early Saturday morning to attend the Hamfest, which began at 9 A. M. at the Virginia Beach Pavilion. Only three ANARC member clubs— SPEEDX, CIDX, and NASWA—had booths at the Hamfest. Several international broadcasters participated with booths—RCI, DW, TWR, VOFC, Radio Finland, Radio Japan, RFPI, the Christian Science Monitor World Service, and Radio Norway were among those that gave away program schedules, sticker, and other station items to the thousands that attended the Hamfest. Programs of interest to participants were held in meeting rooms in the Pavilion during the day, concluding with the annual International Broadcasters' Forum at 4:00 P. M. The Forum had many participants, including moderator Kim Andrew Elliott of VOA, Bob Zanotti of SRI, Frans Vossen of BRT, Ian McFarland and Wojtek Gwiazda of RCI, Joanna Foo of VOFC, Sverre Fredheim, head of Radio Norway International, and representatives from Radio Finland, Radio Beijing, Radio Nederland, and other stations.

The annual ANARC banquet was held at Captain George's Restaurant in Southside, Virginia (near the North Carolina line). After a 30-minute trolley ride to the restaurant, conventioners were treated to a very big seafood buffet. The Banquet speaker was Dieter Wernig, Head of English-language Current Affairs Programs for Radio Deutsche Welle. He spoke on "The Impact of German Reunification on Radio Broadcasting." Mr. Wernig reported that RBI would probably discontinue its broadcasts in late October or December. Some RBI staff might be added to DW's staff, but no one was assured a job. There would be changes to the other shortwave services in Germany as well, and some decisions had not been made yet. Amateur Gordon West made a short presentation, and then ANARC Executive Director Sheldon Harvey delivered a bombshell to the audience. He reported that ANARC Representatives meeting that afternoon, had decided to ~~disband~~ ANARC. This development was apparently in response to a lack of interest in the organization by member clubs at the present. A somber group returned to the hotel for the annual Raffle. There were no organized SWL activities on Sunday, but many participated in the Hamfest for most of the day.

ANARC ANECDOTES... Other than this reporter, SPEEDXers in attendance were David Jones, Russ Lay, Mike Agner, George Neff, Michael Schulsinger, Patrick O'Connor, Ed Rothstein, Ed Efchak, and Michael Graves. Additionally, Leonard Price joined the club, and Bruce Chituck rejoined after an 8-year absence.... There was the opportunity to speak with many international broadcasters, including Ian McFarland and Wojtek Gwiazda of RCI, Dieter Wernig of DW, Bob Zanotti of SRI, Chuck Roswell and Dan Harvey of TWR, James Latham of Radio for Peace International, and Joanna Foo of VOFC.... DW gave away over 1,500 copies of its English program magazine "Tune In" during the Hamfest, while VOFC gave away schedules, blank QSL's, caps, T-shirts, pennants, coasters, and other items..... The banquet was unusual. After a long trolley ride to the restaurant, the ANARC banquet attendees were put into a large room with dim lights, while the broadcasters were placed in an adjoining room. When the program began, it was learned that the PA microphone only worked with Muzak in the background. The broadcasters' room got a weak feed, prompting a convention organizer to quip, "For once, they can't hear us!" As Dieter Wernig started his speech with a Muzak selection in the background, he asked how he was being heard. One quick-witted SWLer responded, "5441!"..... Banquet

speaker Gordon West demonstrated radio arc with a pickle- you had to be there to see what a glowing pickle looks like..... The raffle had many nice prizes, including 5 portable shortwave radios, BRT FM stereo radios, club memberships, VOFC and RN ties and scarves, Radio Korea and Radio Japan pennants, a Christian Science Monitor World Service frisbee, T-shirts from CSM, DW, and Radio Japan, and lots of DW pens..... One interesting participant was a representative from the pirate station Radio Audubon International. He sold station T-shirts for \$10 each, but, like his station, hopped from place to place during the convention selling the shirts. Another convention participant was well-known FCC man J. J. Freeman. It is not known whether the two met during the weekend, or whether Mr. Freeman bought a Radio Audubon International T-Shirt!..... I hope there's a convention next year!

RADIO KOREA: Upcoming "Listeners' Forum" Topics

This programme invites you to send in your comments via letter, cassette, or Fax, to join in the discussions which are aired weekly.

October 5 and 12: Do you remember the famous American reverend Dr. Martin Luther King Jr., who had devoted his entire life to fighting racial discrimination until his life was brought to a tragic end? Now, the situation... is a little bit different from that in the 1960's, when the human rights advocate was active. But the situation may have improved only slightly. Radio Korea would like to request its listeners' comments on the racial discrimination problem for these two editions of Listeners' Forum.

October 19 and 26: During these two weeks, we will deal with another serious problem of today, i. e., AIDS. ... That fatal human disease tends to spread out into new regions, such as Asia, in a speed almost uncontrollable. Do you happen to have any suggestions on a possible cure?

November 2 and 9. The sad problem of illiteracy plagues many people around the globe. Not only are they unable to read, but they face a lot of difficulties in their lives. They can not get good paying jobs, go shopping on their own, or feel comfortable walking down the street looking for a bus. What do you think about the illiteracy problem?

November 16, 23, and 30. Now, taking a different view to the subject of reading, do you like to read? If so, what is your favorite method: Careful reading, free and smooth or excerpt reading? And what books have you read that have left an indelible impression on you?

December 7, 14, and 21. The select subject for the closing editions of Listeners' Forum this year will give you a good opportunity to voice your own views about the debut year of the 1990's. It may seem a bit early to talk about it before it is actually over; but, we believe you can still tell us what you think about it on these programs.

"Listeners' Forum" can be heard Fridays at 13:00 on 9750 kHz, and UTC Saturdays at 00:45 on 15575 kHz; unfortunately, it's not available on the abbreviated Sackville relay transmissions. Their address is: English Language Service, Radio Korea, KBS, Seoul, Republic of Korea; and the Fax number, if you're so inclined, is SEOUL 781-3799. (Thanks Peggy Thompson)

BRT, BELGIUM: Some Programmes

MONDAY 07:30, 10:00, 14:00 Radio World; Tourism in Flanders

MONDAY 18:30, 22:00, TUESDAY 00:30, 07:30, 10:00, 14:00 Focus on Europe; Sports

TUESDAY 18:30, 22:00, WEDNESDAY 00:30, 07:30, 10:00, 14:00 Around the Arts; PO Box 26

WEDNESDAY 18:30, 22:00, THURSDAY 00:30, 07:30, 10:00, 14:00 Living in Belgium; Musical Roundabout

THURSDAY 18:30, 22:00, FRIDAY 00:30, 07:30, 10:00, 14:00 Economics; North-South

FRIDAY 18:30, 22:00, SATURDAY 00:30 Around the Arts; PO Box 26

The preceding programme blocs also include News, Press Review, and Belgium Today.

SATURDAY (all shifts) Radio World (with Frans Vossens); Tourism; Record of the Week; PO Box 26

SUNDAY (all shifts) The Fourth Community (a programme about English-speaking inhabitants of Belgium); Music from Flanders

Frequency guide:

00:30 9925 to North America

13675 to South America

07:30 6035; 11695; 13675 to Europe (11695 also to Australia)

10:00 6035; 13675 to Europe (no Sundays)

21810 to Africa (no Sundays)

12:30 21810 to North America (Sunday only)

14:00 21810 to S. E. Asia (no Sundays)

18:30 5910 to Europe

17550; 21810 to Africa

22:00 5910; 9925 to Europe

15515 to Africa

VOA: 24 Hours to the Middle East

UTC Time	Language	Frequencies
00:00-03:00	English	6095; 15225; 15255; 15405; 17810
03:00-03:30	English*	6095; 15160; 15225; 17810; 17865
03:30-04:30	Arabic	5965; 9715; 15160; 15195; 15705; 17865
04:30-06:30	Arabic	5965; 7160; 9715; 9745; 15160; 15195; 15705; 17865
06:30-08:00	Arabic	5965; 15160; 15195; 15705; 17865
08:00-10:00	English*	11740; 15160; 15195; 21535; 21615
10:00-11:00	English	" " "
11:00-11:30	Arabic	11740; 15160; 15195; 21535; 21720
11:30-12:00	English	" " "
12:00-12:30	Arabic	" " "
12:30-13:00	English	11740; 15155; 15195; 21535; 21720
13:00-13:30	Arabic	" " "
13:30-14:00	English	" " "
14:00-15:00	English	11760; 15155; 15255; 21535; 21720
15:00-16:00	Arabic	6095; 15145; 17885; 21535; 21720
16:00-17:00	Arabic	6095; 15145; 15315; 17885; 21535; 21625
17:00-18:00	Arabic	6095; 9530; 15145; 15305; 17885; 21535; 21625
18:00-19:00	Arabic	6095; 7205; 15145; 15305; 17785; 21535; 21625
19:00-20:00	Arabic	6095; 7205; 9530; 15145; 15245; 15305; 17740; 17885; 21535; 21625
20:00-21:00	Arabic	15145; 17885; 21535; 21625
21:00-22:00	Arabic	6095; 6160; 11805; 15245; 15255; 15405; 17740; 17885; 21625
22:00-23:00	English	6095; 15255; 15405; 17810; 17885

*--VoA Europe.

This schedule went into effect September 5. Although the sites weren't listed, it has been stated that RFE is loaning some of its transmitters in Portugal to VoA for broadcasts to Eastern Europe and the USSR, freeing up VoA's sites in Germany and Greece for 24-hour service to the Middle East.

The 23:00-24:00 transmissions weren't on this release.

(Thanks to Ben Krepp and Henry Mensch.)

KUSW: PROGRAMME INFORMATION

MONDAY-FRIDAY

- 17:00 15590 kHz Devotional programmes
- 18:30 15590 kHz Contemporary classics with Todd Bekker
- 19:00 15590 kHz Contemporary classics with John Florence
- 23:00 15590 kHz "Top 12 at 12" with Skinny Johnny Mitchell
- 00:00 15590 kHz Contemporary classics with...
- 04:00 9815 kHz Devotional programmes (sign-on and sign-off times vary during the week depending on paid religious time)

SATURDAY

- 13:00 15590 kHz Devotional programmes
- 17:00 15590 kHz The Wasatch Skyline
- 20:00 15590 kHz American contemporary classics with Johnston Cooke
- 01:00 9815 kHz Johnston Cooke, continued...
- 03:00 9815 kHz American classics with J. D. Sullivan
- 05:00 8175 kHz J. D. Sullivan, continued... (s/o at 06:00)

SUNDAY

Devotional programming all day. 12:30 - 9850 kHz; 13:00 - 15590 kHz; s/o at 00:00

- **Mailbag at half past every hour Mon-Fri.
- **WeatherBank. Global weather forecasts at xx:15 and xx:45 every hour Mon-Sat.
- **News and SportsLink at xx:55 every hour Mon-Fri.
- **Skinny Johnny Mitchell takes a week in pop history and counts down the top 12 oldies in America for that week and year according to Billboard Magazine.



"Once he mentioned the SPEEDX UTILITY STATION LIST... done deal!"

DO YOU HAVE YOUR UTILITY LIST YET? WRITE TO SPEEDX HQ FOR DETAILS... \$6.50 POSTPAID

TRASH and TREASURE

The May 1990 issue of the Danish Shortwave Clubs International Tropical Bands Survey is still available directly from their headquarters address of DSWCI, Tavleager 31, DK-2670 Grøve, Denmark. Price for airmail delivery is 9 IRCs; seairmail, 7 IRCs.

A sixteen-page booklet listing overseas DX/SWL clubs has been issued and is available from the European DX Council. The 1990 EDXC Club List is available for 3 IRCs from the European DX Council, Post Office Box 4, St Ives, Huntingdon PE17 4FE, England, United Kingdom.

While not a direct shortwave item, Radio Beijing has available for \$5.00 including postage, twenty-two songs and music pieces on the theme of the 1990 Asian Games on cassette. They indicate that this is a set of two tapes and may be obtained from Audience Relations, English Department, Radio Beijing, Beijing 100866, Peoples Republic of China. Most probably they prefer our gamble of including cash with our order.

HCJB through their Public Relations Department at Post Office Box 553000, Opa Locka, Florida 33055-0401 has a large number of books, cassettes and other items available for sale. A particular bargain are their HCJB Lapel Pins with the larger pin available for \$2.85 and smaller pin only \$2.60. All items include postage within North America. Checks are accepted.

With no connection whatsoever to shortwave radio, an interesting item for Country and Western listeners is the Country Music Radiomap printed in July 1990 by RRN Inc, One Madison Avenue, Suite 27A, New York, New York 10010. The map covers the 48 contiguous states in a series of state maps identifying country AM and FM stations by call letters, frequency and broadcast area. The price is only \$2.50 but shipping and handling increases the cost for one copy to \$4.50. They do offer a 1-800-451-3622 number for information.

Antonio Ribeiro da Motta and Claudio Rotulo de Moraes, two well known Brazilian OXers, continue to publish their Brasilian Short Wave, Medium Wave and FM Stations List. The latest issue, #11 published in April 1990 (56 pages) may be obtained for 8 IRCs from Brazilian Stations List, Caixa Postal 949, 12001 Sao Jose dos Campos, SP, Brasil.

By now, most everyone should know that Don Moore is at it again. He has published and has available the Fifth Edition of BLANDX. The price is only \$2.00 and it is available directly from Don Moore, 20108 Hayes Road, Big Rapids, Michigan 49307. All four prior issues are still available for the same \$2.00 price, each. If anyone might have missed them all, \$7.00 will cover the entire set of the first four issues. All prices cover orders within the United States, Canada or Mexico.

Another non-shortwave item is the British DX Club's 9th edition of Radio Stations in the United Kingdom. This is a twenty-eight page booklet of all national, local and regional domestic radio stations within the United Kingdom. The cost is either US\$3.00 or 4 IRCs from the British DX Club, 54 Birkhall Road, Catford, London SE6 1TE, England, United Kingdom.

Over the years, Radio Sweden has offered a variety of Radio Sweden T-shirts. Sizes range from S to XXL and while they prefer the \$13.00 cost to be paid by International Money Order, cash has been accepted in the past. This is through their Radio Sweden, S-105 10, Stockholm, Sweden address.

Latin American Radio World which has been the effort of Gabriel Ivan Barrera and Julian Anderson is now in its second edition, available for \$5.00 cash from Latin American Radio World, Casilla 4616, 1000 Buenos Aires, Argentina.

'Trash and Treasure' was prepared for SPBBDX by Don Weber. If you have any comments or suggestions, or know of any good radio-related stuff of the kind that has been mentioned here, please write to 'Trash and Treasure,' c/o the editor of this column.

RADIO MIAMI INTERNATIONAL?

As briefly mentioned in last month's columns, Jeff White has applied for a 10 kW shortwave facility, with studios to be located in Miami and the transmitter to be near there. Radio Miami International is owned by White and broadcast engineer Indalecio Espinosa.

White said that they are applying for only ten kW, even though FCC rule 73.751 specifies that shortwave stations based in the United States must have 50 kW of

kW is ample for covering the Caribbean with the directional array that they propose.

Programming will include "extensive coverage" (JW) of tropical storms and hurricanes as well as news of interest to the Caribbean business community and international travelers. White hopes that the station eventually will get most of its revenues from advertisements, but for the

KOL ISRAEL English through 4 November

00:00-00:30	9435; 11605; 12077	North America
01:00-01:30	" "	North America
02:00-02:30	" "	North America
06:00-06:15	9435; 11605; 15640	North America/Western Europe
	17575	Asia/Australia (alternate: 11655)
11:00-11:30	11585; 17575; 21790	North America/Western Europe
	15650	Asia/Australia (alternate: 17590)
18:00-18:15	11585; 11655	Europe
20:00-20:30	11605; 12077; 15640	North America/Western Europe
	17630	Africa
22:30-23:00	9435; 11605; 12077	North America/Western Europe
	17575	Latin America (alternate: 11655)

TIME, AT LAST, TO CHATTER....

I hope you like the new look. Don't say I didn't warn you about the cavalcade of typefaces, but I'm experimenting with the fonts at hand...by next month I'll have a better idea of what works and what doesn't.

Eventually, I hope that the entire magazine will take on a more typeset look. [I'll be done with the new covers by next month--at least I'd better be, because the only front cover blank I have left is a ghastly 8th-generation photocopy.] This will be a long process--probably about six months--and, undoubtedly, not without its mistakes. Next month, also, I hope to have a printer that will hold 8.5" x 14" paper; this column was produced with scotch tape, scissors, and a borrowed IBM ProPrinter which I'll have to give back one of these days.

None of this, incidentally, will cost the SPEEDX member a dime in extra dues (as Bob told you last month, dues will be going up--renew now if you want to save a couple of dollars--but that's because of the escalating cost of paper and postage), nor will the "Friends of SPEEDX" fund be tapped in the pursuit of expensive hi-tech equipment.

Unfortunately, I won't be able to spend nearly as much time actually writing; not only because of these adventures in typesetting, but because I've started a new career as a copy editor/staff writer/publisher's assistant for a new regional magazine, and I'm spending most of my life at this keyboard already. I've been trying to bludgeon our already-overworked loggings editors into taking over the schedule and station-news elements of "Continuous Tuning" into their own columns; but, however we work things out, SPEEDX will continue to be as informative as possible.

If you have any ideas for an article of 1 or 2 pages which you think would be interesting to your fellow SPEEDXers, I would like to hear from you. We're looking to achieve more variety and comprehensiveness in 1991; this is a great chance for you to help.

I'm not going to disappear on you, either; in over two years of publishing the bulletin, I don't think the allocations have ever come out just right! There's always a blank page to fill, and I've never met a blank page without it being love at first sight....



WHAT'S ON

ENGLISH BROADCAST TO NORTH AMERICA



Daniel Sampson - 4 Turtle Street - Arcadia, WI 54612

UTC Time	Station	Notes	Frequency
0000-0015	R. Prague, Czech.	---	11990; 11600; 7345
0000-0027	R. Finland	---	15185; 11755
0000-0029	R. Canada Int'l	Tu-Sa	9755; 5960
0000-0030	kol Israel	---	12077; 11605; 9435
0000-0030	RFPi, Costa Rica	Sa-Su	21565; 13630
0000-0045	R. Yugoslavia	---	11735; 6005; 5980
0000-0050	R. Pyongyang, N.K.	---	15180; 15115; 13775; 11975
0000-0059	R. Canada Int'l	Su-M	9755; 5960
0000-0100	KUSW, U.S.A.	---	15580
0000-0100	R. Beijing, China	---	17705M1; 15100M1
0000-0100	R. Kiev, U.S.S.R.	---	17690; 17665; 15180; 12060; 12005; 11770
0000-0100	R. Korea, S.Korea	---	15575
0000-0100	R. Moscow, U.S.S.R.	NAm svce	15595; 15425; 15425; 15355; 13605; 12050; 12040; 11850Bu; 11780; 11710; 9720Bu; 9685
0000-0100	R. Sofia, Bulgaria	---	15330; 11660
0000-0100	WYFR, U.S.A.	---	15170; 13695; 5985
0000-0200	R. Havana Cuba	---	11820; 11760
0000-0200	REE, Spain	---	11880; 9630
0000-0200	WSHB, U.S.A.	---	13760; 9850; 9410
0000-0200	WOCR, U.S.A.	---	15690
0000-0230	BBC, U.K.	---	9915; 9590S; 7325; 6175S; 5975Aa
0000-0300	RFPi, Costa Rica	M-F	21565; 13630; 7375USB
0000-0300	WRNO, U.S.A.	---	7355
0000-0600	WHRI, U.S.A.	---	9495; 7355
0000-0610	CBCNQSW, Canada	not all EE	9625; 6195
0030-0100	R. Budapest, Hung.	M-Sa	15160; 11910; 9835; 9585; 9520; 6110
0030-0125	R. Nederland	---	11740B; 6165B; 6020
0030-0200	R. Australia	---	21740; 15160
0030-0430	HCJB, Ecuador	---	15155; 11775
0050-0110	Vatican R.	---	15180; 11780; 9605
0100-0120	RAI, Italy	---	11800; 9575
0100-0130	kol Israel	---	12070; 11605; 9435
0100-0130	R. Norway Int'l	Su-M	11925; 9615
0100-0130	R. Prague, Czech.	---	11680; 7345; 5930
0100-0150	DW, Germany	---	11865; 9565Ma; 6145; 6085Ma; 6040An
0100-0200	R. Argentina Ext.	M-F	11710
0100-0200	R. Japan	Gen svce	5960S
0100-0200	R. Moscow, U.S.S.R.	NAm svce	15595; 15580; 15425; 15355; 15290; 13605; 12050; 12040; 11980; 11850Bu; 11780; 11710; 9720Bu; 9685
0100-0300	KUSW, U.S.A.	---	11695
0100-0300	WYFR, U.S.A.	---	11720; 9505; 5985
0130-0140	V. of Greece	---	11645; 9420; 9395
0130-0200	R. Austria Int'l	---	13730; 9875
0130-0200	R. Budapest, Hung.	---	15160; 11910; 9835; 9585; 9520; 6110
0130-0325	R. Baghdad, Iraq	---	11830; 11810
0200-0230	kol Israel	---	12077; 11605; 9435
0200-0230	R. Norway Int'l	Su-M	11735; 9615
0200-0230	R. Prague, Czech.	---	11680; 7345; 5930
0200-0230	SRI, Switzerland	---	17730Br; 12035; 9885; 9725; 6135; 6095
0200-0250	R. Nacional, Brazil	---	11745
0200-0300	R. Moscow, U.S.S.R.	NAm svce	15595; 15580; 15425; 15355; 15290; 13605; 12050; 12040; 11980; 11850Bu; 11780; 11710; 9720Bu
0200-0300	R. Romania Int'l	---	15380; 11940; 11830; 9570; 9510; 5990
0200-0300	VDFC, Taiwan	---	15345; 9680Wy; 5950Wy
0200-0330	R. Cairo, Egypt	---	9675; 9475
0200-0400	R. Havana Cuba	---	11820; 11760; 9710
0200-0400	WSHB, U.S.A.	---	13760; 9850; 9455
0200-0600	R. Australia	---	21740; 15560; 15320; 15160
0200-0600	WOCR, U.S.A.	---	7520
0230-0245	R. Budapest, Hung.	Tu-W,F-Sa	15160; 11910; 9835; 9585; 9520; 6110



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

UTC Time	Station	Notes	Frequencies
0230-0300	R. Portugal	Tu-Sa	11840; 9705; 9680; 9600
0230-0300	R. Sweden	---	15295; 11705
0230-0300	R. Tirana, Albania	---	11825; 9500
0230-0330	BBC, U.K.	---	9915; 7325; 6175S; 5975An
0300-0330	R. Japan	Reg svce	21610; 17825
0300-0330	R. Prague, Czech.	---	11680; 7345; 5930
0300-0350	DW, Germany	---	9605An; 9545; 6120; 6085S
0300-0400	R. Beijing, China	---	15100M1; 11715; 9690Sp
0300-0400	R. Japan	Gen svce	15195
0300-0400	R. Moscow, U.S.S.R.	Wld svce	11980; 11930; 11710; 11675; 9600Cu; 9530
0300-0400	R. Moscow, U.S.S.R.	NAm svce	15595; 15580; 15530; 15455; 15425; 15180; 13645; 13605; 12050; 11850Bu; 9765; 9720Bu; 9530
0300-0400	VOFC, Taiwan	---	15345; 9680Wy; 5950Wy
0300-0430	TWR-Bonaire, N. Ant.	---	11930; 9535
0300-0500	KUSW, U.S.A.	---	9815
0300-0600	WRNO, U.S.A.	---	6185
0300-0600	WYFR, U.S.A.	---	9505; 6065; 5985
0310-0327	Red Cross, Switz.	---	12035; 9885; 9725; 6135 -- Oct 2, Oct 5, Oct 30, Nov 2, Nov 27, Nov 30, Jan 1, Jan 4
0310-0330	Vatican R.	---	11725
0330-0357	R. Finland	---	15185; 11755
0330-0400	R. Dubai, U.A.E.	---	15435; 15400; 13675; 11845
0330-0400	R. Tirana, Albania	---	11825; 9500
0330-0425	R. Nederland	---	11720B; 9590B
0330-0430	BBC, U.K.	---	9915; 7325; 5975An
0340-0350	V. of Greece	---	11645; 9420; 9395
0350-0400	R. Yerevan, U.S.S.R.	---	15455; 15180; 11790; 11675
0400-0415	R. Prague, Czech.	---	11680; 7345; 5930
0400-0430	R. Romania Int'l	---	15380; 11940; 11830; 9570; 9510; 5990
0400-0430	SRI, Switzerland	---	12035; 9885; 9725; 6135
0400-0450	R. Havana Cuba	---	11820; 11760; 9750; 9710
0400-0450	V. of Turkey	---	9445
0400-0500	R. Beijing, China	---	11840S; 11685Gu
0400-0500	R. Moscow, U.S.S.R.	Wld svce	11980; 11930; 11675; 9685; 9530
0400-0500	R. Moscow, U.S.S.R.	NAm svce	17605; 15595; 15580; 15530; 15455; 15425; 15180; 13645; 13605; 12050
0400-0500	R. Sofia, Bulgaria	---	15290; 11750; 11720
0400-0600	WSHB, U.S.A.	---	13760; 9455
0430-0500	BBC, U.K.	---	9915; 5975An
0450-0600	R. Havana Cuba	---	11820; 11760; 9750
0500-0515	kol Israel	---	15640; alt. 11655; 11605; 9435
0500-0530	BBC, U.K.	---	9915; 9640An; 5975An
0500-0550	DW, Germany	---	9700; 9670An; 6120; 5960
0500-0600	R. Japan	Gen svce	17825; 15195
0500-0600	R. Moscow, U.S.S.R.	NAm svce	17605; 15595; 15580; 15530; 15455; 15425; 15180; 13645; 13605; 12050
0500-0600	REE, Spain	---	9630
0500-0700	HCJB, Ecuador	---	15155; 11775
0500-0700	KUSW, U.S.A.	Su	6175
0530-0600	R. Austria Int'l	---	6015S
0530-0730	BBC, U.K.	---	9640An; 5975An
0600-0700	R. Moscow, U.S.S.R.	NAm svce	17605; 15595; 15530; 15425; 15180; 13645; 13605; 12050
0600-0730	R. Australia	---	21740; 13705
0600-0800	R. Havana Cuba	---	11835
0600-0800	WHRI, U.S.A.	---	9495; 6100
0600-0800	WSHB, U.S.A.	---	11980; 9455
0600-0800	WYFR, U.S.A.	---	6065; 5985
0600-1200	WRNO, U.S.A.	Su	6185
0700-0800	VOFC, Taiwan	---	5950Wy
0700-1100	KUSW, U.S.A.	Su	6135
0730-0815	BBC, U.K.	---	9640An
0730-0830	R. Australia	---	13705
0800-1000	WSHB, U.S.A.	---	9455
0800-1100	WHRI, U.S.A.	---	7355
0830-0900	R. Australia	---	9580
0900-2030	R. Australia	---	9580; 5995
1000-1100	R. Japan	Gen svce	6120S



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

UTC Time	Station	Notes	Frequencies
1000-1100	WYFR, U.S.A.	---	5950
1000-1200	WSHB, U.S.A.	---	9495; 9455
1000-1300	R. Moscow, U.S.S.R.	Wld svce	21685; 21495; 17830; 17790; 9600Cu
1030-1100	R. Korea, S. Korea	---	11715S
1030-1125	R. Nederland	---	11890; 6020
1055-1257	TWR-Bonaire, N. Ant.	M-F	15345; 11815
1055-1332	TWR-Bonaire, N. Ant.	Su	15345; 11815
1055-1400	TWR-Bonaire, N. Ant.	Sa	15345; 11815
1100-1130	BBC, U.K.	---	15220; 9740F; 9515S; 5965S
1100-1130	kol Israel	---	21790; alt. 17590; 17575; 11585
1100-1150	R. Pyongyang, N.K.	---	11735; 9977; 9645; 9600
1100-1200	WYFR, U.S.A.	---	11580; 5950
1100-1300	WHRI, U.S.A.	---	11790; 7520
1100-1315	R. Jordan	---	13655
1100-1500	KUSW, U.S.A.	Su	9850
1130-1155	BRT, Belgium	Su	17555
1130-1200	BBC, U.K.	Sa-Su	5965S
1130-1200	HCJB, Ecuador	---	11740
1130-1200	R. Austria Int'l	---	21490
1130-1330	BBC, U.K.	---	15220; 9740F; 9515S
1200-1225	R. Finland	M-F	21550; 15400
1200-1230	R. Yugoslavia	---	25795; 21555; 17740
1200-1250	R. Pyongyang, N.K.	---	11735; 11335; 9600
1200-1259	R. Canada Int'l	M-F	17820; 11855; 9635
1200-1300	R. Beijing, China	---	17855
1200-1400	CBCNQSW, Canada	not all EE	9625; 6065
1200-1400	WRNO, U.S.A.	Su	9715
1200-1400	WSHB, U.S.A.	---	11930; 9495
1200-1500	HCJB, Ecuador	---	17890; 15115; 11740
1200-1500	WYFR, U.S.A.	---	17750; 13695; 11580; 6015; 5850
1215-1315	R. Korea, S. Korea	---	9750
1230-1300	R. France Int'l	---	21635; 17650
1235-1245	V. of Greece	---	17535; 15650; 15625
1300-1325	R. Finland	M-F	21550; 15400
1300-1350	R. Pyongyang, N.K.	---	15230; 13650
1300-1400	R. Moscow, U.S.S.R.	Wld svce	21685; 21495; 17830; 17585; 11840Cu; 9755; 9655; 9895; 9640; 7265
1300-1400	WHRI, U.S.A.	---	11790; 9465
1300-1500	R. Beijing, China	---	11855
1300-1500	WVCR, U.S.A.	M-F	15690
1300-1600	R. Canada Int'l	Su	17820; 11955
1320-1630	R. Jordan	---	9560
1330-1400	BBC, U.K.	Su	15220; 9515S
1330-1515	BBC, U.K.	---	9740F
1400-1425	R. Finland	M-F	21550; 15400
1400-1500	R. Finland	Sa-Su	21550; 15400
1400-1500	WHRI, U.S.A.	---	15105; 9465
1400-1500	WRNO, U.S.A.	Su	11965
1400-1600	R. Japan	Gen svce	11865
1400-1600	R. Moscow, U.S.S.R.	Wld svce	21685; 21495; 17585; 15595; 11840Cu; 9895; 9755; 9655; 9640; 7265
1400-1600	WSHB, U.S.A.	---	17555
1400-2330	CBCNQSW, Canada	not all EE	11720; 9625
1500-1600	BBC, U.K.	Sa-Su	15260S; 11775An
1500-1600	HCJB, Ecuador	---	17890; 15115
1500-1600	WHRI, U.S.A.	---	21840; 15105
1500-1600	WYFR, U.S.A.	---	17750; 13695; 11850; 11830; 5950
1500-2100	WRNO, U.S.A.	---	15420
1500-2200	KUSW, U.S.A.	---	15650
1500-2400	WVCR, U.S.A.	---	15690
1530-1540	V. of Greece	---	17535; 15625; 11645
1530-1600	R. Sweden	---	21500; 17880
1600-1700	R. Moscow, U.S.S.R.	Wld svce	21685; 21495; 17585; 15595; 15425; 12050; 11995; 11840Cu; 9655; 7265
1600-1700	WHRI, U.S.A.	---	21840; 15105; 13760
1600-1700	WYFR, U.S.A.	---	17885; 13695; 11830; 11580
1600-1745	BBC, U.K.	---	15260S; 11775An
1600-1800	WSHB, U.S.A.	---	21640
1700-1800	R. Japan	Gen svce	11865



Radio Canada
International

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

UTC Time	Station	Notes	Frequencies
1700-1800	R. Moscow, U.S.S.R.	Wld svce	21685; 17605; 17585; 15595; 15425; 15135; 12050; 11995; 11840Cu; 7265
1700-1800	WHRI, U.S.A.	---	15105; 13760
1700-2145	WYFR, U.S.A.	---	17885; 15440; 13695; 11830
1800-1830	R. Norway Int'l	Sa-Su	17755
1800-1900	R. Moscow, U.S.S.R.	Wld svce	21685; 17605; 17585; 15595; 15425; 15135; 13605; 12050; 11995; 11930; 11840Cu
1800-2000	RFPI, Costa Rica	Sa-Su	21565; 13630
1800-2000	WSHB, U.S.A.	---	21780; 21640
1800-2100	R. Kuwait	---	13610
1800-2400	WHRI, U.S.A.	---	17830; 13760
1900-1930	R. Afghanistan	---	9635; 6020; 4760
1900-1930	R. Japan	Gen svce	11865
1900-2000	R. Moscow, U.S.S.R.	Wld svce	17605; 17585; 15595; 15425; 15135; 13605; 12050; 11995; 11840Cu
1930-2030	VOIRI, Iran	---	9022
2000-2030	kol Israel	---	12077; 11605; 9435
2000-2100	R. Moscow, U.S.S.R.	Wld svce	17840; 17700; 17665; 17605; 15425; 15355; 12060; 12050; 11930; 11840Cu; 11730
2000-2200	WSHB, U.S.A.	---	17555; 13770
2000-2330	RFPI, Costa Rica	---	21565; 13630
2005-2105	R. Damascus, Syria	---	15095
2030-2100	R. Australia	---	9580
2100-2145	R. Yugoslavia	---	15105; 11735; 9620; 7215
2100-2200	R. Moscow, U.S.S.R.	Wld svce	17840; 17700; 17605; 15425; 15355; 12060; 12050; 11930; 11840Cu; 11730; 9530
2100-2400	WRNO, U.S.A.	---	13720
2110-2210	R. Damascus, Syria	---	15095; 12085
2145-2300	WYFR, U.S.A.	---	17885; 13695; 11830; 11580
2200-2229	R. Canada Int'l	---	11905; 9755; 5960
2200-2300	R. Moscow, U.S.S.R.	NAm svce	15595; 15580; 15425; 15355; 13605; 12050; 12040; 11780; 11735Bu; 11710
2200-2400	BBC, U.K.	---	9915; 9590S; 7325; 6175S; 5975An
2200-2400	KUSW, U.S.A.	---	15580
2200-2400	WSHB, U.S.A.	---	17555; 9465
2230-2300	kol Israel	---	12077; alt. 11655; 11605; 9435
2300-2330	R. Vilnius, U.S.S.R.	---	17690; 17665; 15180; 11790
2300-2350	R. Pyongyang, N.K.	---	13650; 11735
2300-2350	V. of Turkey	---	9445
2300-2400	R. Moscow, U.S.S.R.	NAm svce	17700; 15595; 15580; 15425; 15355; 13605; 12050; 12040; 11780; 11750; 11735Bu; 11710; 9685; 9530
2300-2400	WYFR, U.S.A.	---	15170; 13695; 5985
2330-2355	BRT, Belgium	---	12010
2330-2400	CBCNQSW, Canada	not all EE	9625; 6195
2330-2400	R. Canada Int'l	---	9755; 5960
2330-2400	R. Tirana, Albania	---	11825; 9760; 6120
2330-2400	RFPI, Costa Rica	M-F	21565; 13630; 7375 USB
2330-2400	RFPI, Costa Rica	Sa-Su	21565; 13630
24 Hours	CFPX, Canada	---	6005
24 Hours	CFRX, Canada	---	6070
24 Hours	CFVP, Canada	---	6030
24 Hours	CHNX, Canada	---	6130
24 Hours	CKFY, Canada	---	6080

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

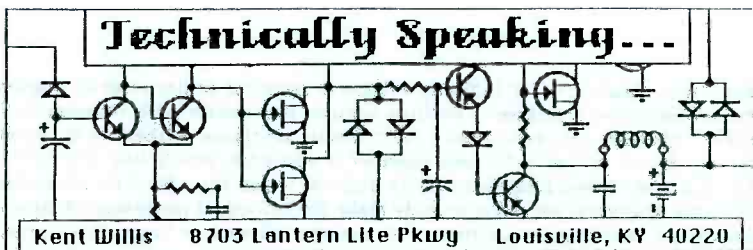
You soccer fans out there should be glad to know that the Viterbo College V-Hawks are off to a great start this year posting a 8-0-1 record near mid-season. Right now they look unbeatable having out scored their opponents in the last six games 33 goals to one. This is no lie! I'm looking forward to the NIAA playoffs! *735 5 am*

Trans World Radio Bonaire

...faith comes by hearing...

the word of God

Romans 10:17



Welcome. This month we are continuing our discussion of antenna impedance matching. But before we begin, it's time for another of the infamous "Technically Speaking..." contests. This time the prize is a *brand new* copy of the book "How to Tune The Secret Shortwave Spectrum" by Harry Helms. It's full of interesting information covering most everything from the puzzling "spy numbers" stations to utility, clandestine and military transmissions. All you have to do to is submit an article for this column. Of particular interest would be a description and evaluation of any "home brew" antenna, especially one that can be constructed with minimal real estate. Or a review of one of the newer shortwave receivers (Grundig Satelite 650, Icom R-9000, etc) or peripherals such as the MAP synchronous detector from Kiwa Electronics. If you bought one and sent it back, or use it every day, tell us why. Anything of interest to the general readership will be considered. Deadline for submission is November 1, 1990. The winning article will appear in December. Get going.....

Antennas and Impedance Matching, Part 2

We stated last month that we need to deal with the reactive nature of our antenna in order to transfer the maximum amount of power into our receiver. At some frequency (which usually must be determined experimentally using an RF impedance or noise bridge) our typical longwire will be resonant. What do we mean by resonant? At resonance, our antenna looks like a pure resistance without any capacitive or inductive side effects. For example, say we had an antenna which was resonant at 4810 kHz. At this frequency and this frequency only, the antenna has for example, a 50 Ω resistance. As we move above 4810 khz, our antenna will begin to exhibit inductive reactance. As we move below 4810 kHz, our antenna will begin to exhibit capacitive reactance. The further we move away from the resonant frequency, the greater the reactive behavior and the greater the power loss from our antenna. Unless we want to use our antenna only for listening to 60 MB stations, we need to compensate for the reactance. Antenna tuners simply add or subtract inductive and capacitive reactance from the antenna circuit in an attempt to restore resonance at the desired frequency. In the simplest case we only need to add a single value of reactance that is equal and opposite to the reactance of the antenna. To use an antenna over a wide range of frequencies, i.e., 2 to 30 MHz, we will need a wide range of inductance and capacitance. In many instances it is impossible to achieve resonance at all frequencies because of the limitations in inductors and capacitors in the antenna tuner. But we can at least improve the match between the antenna and our receiver.

Unlike pure resistances, capacitors and inductors have an impedance (opposition to current flow) which depends entirely upon the frequency of the signal passing "through" them. A "pure" 50 Ω resistor looks like a 50 Ω resistor to an AC or DC signal. But a 10 microhenry (μ H) inductor looks like a zero Ω impedance to a DC signal but looks like about a 628 Ω impedance to a 10 Mhz AC signal.

The reactance (in ohms) of an inductor is defined by the following equation:

$$X_L = +j(2\pi fL),$$

where L is the inductance in henries, and f is the frequency in Hertz and j is the imaginary operator ("j" has the same properties as "i" in complex numbers, "j" is used to avoid confusion with "i" which usually symbolizes current). The reactance of a capacitor (also in ohms) is given by the equation:

$$X_C = -j(1/2\pi fC),$$

where C is in Farads. The "-j" indicates a negative reactance (it decreases as frequency increases. Inductive reactance is positive because it increases with frequency). The fact that inductors and capacitors have opposite reactance is the key to antenna matching. If we properly connect together a capacitor which has -j50 ohms of reactance at the desired frequency and an inductor which has +j50 ohms of reactance at the same frequency, we can effectively make the individual reactances "disappear". When we are tweaking the controls of an antenna trimmer or tuner, this is exactly what we are doing. Our receiver "S" meter will peak when we have adjusted the antenna tuner to some particular values of inductance and capacitance which neutralize (or minimize) the reactive component of our antenna.

What do we need to build an antenna tuner? Not very many parts and not much money (about 10 dollars). We will design a simple tuner that we can build in about a few hours which will improve the match between a single wire antenna (longwire) and the receiver input. We assume that the receiver input impedance is nominally 50 Ω. We want the tuner to cover the range from 2 MHz to 30 MHz. We also want to use components which are easily available or readily home-made. Because the mathematics are simple, it will be instructional to go through the design step by step. The process is typical of many RF design problems and the principles apply to many areas of radio circuit design. Several different designs will produce similar results, but we have chosen a "series resonant" approach for simplicity.

Step 1: We will need a variable inductance and a variable capacitance for 2 reasons. The range from 2 to 30 MHz is much too large to be realistically covered with a fixed value of inductance and variable capacitance. In addition, we know our longwire will exhibit both capacitive (negative) and inductive (positive) reactance throughout the tuning range and the transition will occur at the resonant frequency. We have selected the capacitor first. An easily available 10 to 365 pF "BCB" tuning capacitor can be used to cover the entire range with an appropriate inductance. We can calculate the inductance values only after arbitrarily (but judiciously) selecting a tuning capacitor. The 2 Mhz minimum tuning frequency will depend upon the maximum value of capacitance (365 pF) and the 30 MHz maximum frequency will depend upon the minimum value of capacitance (about 10 pF).

Step 2: Now that we know the capacitance value, how do we find the inductances we will need? We use the venerable equation for the resonant frequency of a tuned circuit:

$$f_r = \frac{1}{2\pi\sqrt{LC}}$$

where f_r is the resonant frequency in Hertz, L is the inductance in Henries and C is the capacitance in Farads.

To find the maximum amount of inductance we substitute in the maximum value for capacitance (365 picofarads) and the minimum frequency and solve the equation for L. This yields a value of about 17.3 microhenries (μH). To find the minimum value of inductance required we substitute in the minimum value for capacitance (10 picofarads) and the maximum frequency (30 MHz) and solve the equation for L. This yields a value of approximately 2.8 microhenries.

Step 3: Now that we know the minimum and maximum inductance value we need we can easily see that to tune the whole range we will need other values of inductance. We have two choices. We can calculate the needed inductance values for say, 6 other frequencies in between 2 and 30 MHz and purchase or construct the required coils. This would be tedious and expensive. A better solution is to wind one coil for the maximum value of 17.3 μH and provide wire taps at various locations along the length of the coil. These taps will let the one coil do the job of several.

Next month we will design the coil and provide complete construction details for a working antenna tuner. Please send in an entry to the contest or anything else. This is your column. Help make it interesting and useful for your fellow SPEEDXers.

73's and Great DX,
KENT.

WESTERN HEMISPHERE

Don Thornton - 12 Freeman Road
Somerset, NJ 08873

Hello again. Autumn is here, and with it the beginning of the new DX season. DX conditions here in ECNA are very changeable, with the tropical bands featuring good late autumn-like listening one day and poor midsummer level static crashes the next. Thanks to the generosity of our Publisher Eddie Janusz, there is an extra page to accommodate the many loggings received this month. Now on to the loggings.

ANTIGUA

- 5975 0424 **BBC:** EE: "Look at the British Press" inc high petrol prices; Chilean politics; ID @ 0430 (444 9/4 Brewer-KS)
6040 0130 **DW:** EE: Nx; ID; commentary--"Middle East Holy War"; trans-Atlantic DX (532 8/14 Trescher-PA)
6110 0028 **BBC:** SS: ID; w/nx abt Germany, Madrid (555 8/21 Trescher PA)
6160 0927 **DW:** EE: Report on C-5 crash in Germany; new National Day will be Oct 3; ID; sports report (333 8/30 Brown-IL)
9670 0540 **DW:** EE: Disc abt "Super Nova Explosion" (333 8/14 Carson NM)
11765 2300 **BBC:** EE: ID; prog "English by Radio" (333 8/3 Findlater CA)

ANTILLES

- 6165 0355 **RN:** EE: "Media Network" at the FERATO electronics fair in Amsterdam (333 8/23 Park-H1) @ 0117 in EE "Happy Station" with birthday greetings to SPEEDX'er Richard Lemke (444 8/20 Westen-haver-PQ) (Brown-IL) (Carson-OK)
9535 0307 **TWR:** EE: M reading scripture text (544 8/14 A Jones-TN)
9590 0340 **RN:** EE: Disc abt Middle East crisis; "Media Network" @ 0355 (433 8/17 Carson-NM) (Jones-TN)
11930 0331 **TWR:** EE: Religious prog in EE (545 8/24 Berri-CA) (Trescher-PA) (Scott-CA) (Carson-OK)
15190nf 0827 **RN:** EE: IS w/Jonathan Marks ID; anmt for this 25 min nx px; ex-9770 due to antenna repairs at Bonaire (444 8/20 Westenhaver)
15345 1100 **TWR:** EE: IS; ID; into relig prog (poor 8/24 Famularo-Japan)
15445 2200 **TWR:** PP: M w/relig tx in PP (333 8/21 Findlater-CA)
17605 1845 **RN:** EE: Nx inc NATO support for USA in Middle East; Jonathan Marks special prog abt Kuwait (444 8/9 Langlois-FL)
21685 1844 **RN:** EE "Happy Station" w/Tom Meyers playing vocal mx sung in FF by W (555 8/5 A Jones-TN)

ARGENTINA

- 11710 0200 **RAE:** EE: Anmt of address & info on how to get an RAE QSL card (322 8/24 Gaharan-LA) (this transmission is usually inaudible at least in ECNA due to QRM de Radio Moscow--ed)

BRAZIL

- 3335 0029 **R. Alvorada:** PP: M tx; ID @ 0033 inc nx (221 8/8 Bishop NY)
3365 0313 **R. Cultura:** PP: M tx into nx (322 8/8 Bishop-NY)
4755 0001 **R. Educacão Rural:** PP: Fanfare, M w/ID & freq anmts; jingle followed by vocals (252 8/23 D'Angelo-PA) (Bishop-NY)
4825 2333 **R. Cancão Nova:** PP: M tx in PP (221 8/23 Bishop-NY)
4845 0150 **R. Cabocla:** PP: M tx; reads nx (221 8/7 Bishop-NY)
4915 0700 **R. Anhanguera:** PP: Ads, nx, rock mx ballads; //6080 & //11830 both audible (353 8/21 Flynn-CA) (Cichorek-NJ)
4995 0828 **R. Marajoara:** PP: Brasopops (sounded fifties-style--pretty hokey!) tx between songs; ID @ 0840 (333 8/18 Westenhaver-PQ)
5015 2342 **R. Brasil Tropical:** PP: Tx by M; then a vocal selection; ID; then ad string @ 2351 (252 8/24 D'Angelo-PA)
5015 0229 **R. Pioneira:** PP: Prog of romantic vocals-some w/EE lyrics-hosted by M; IDs at 0232; 0300* w/out NA (252 8/26 D'Angelo)
5035 0920 **R. Aparecida:** PP: M tx in PP; //6135 (pr 9/3 Famularo)
6000 1008 **R. Guaíba:** PP: Ads; M w/world nx & cntry; local TC @ 1017 (fair 8/21 Famularo-Japan) (Westenhaver-PQ)
6010 0055 **R. Inconfidência:(p)** PP: Mournful mx; weird multiple echo ID; w/several ments of Horizonte (222 9/10 Janusz-NJ)
6090 0851 **R. Bandeirantes:** PP: 2 M doing nx stories in "happy talk" style; ID @ 0855; into sertanejo mx (343 8/13 Westenhaver-PQ)
6135 0900 **R. Aparecida:** PP: Partial ID & prog promos followed by M w/a speech & brief organ mx (relig prog?) (pr-fr 8/30 Famularo)

9565 0935 **R. Universo:(t)** PP: A few Brasoballads; one long talk (preacher?) w/crowd reactions (242 8/24 Westenhaver-PQ)
 9675 0002 **R. Cancão Nova:** PP: Several brief anmts w/EZL mx; freq ments "Cancão Nova"; semi-classical version of song "Smile" (333 8/26 Westenhaver-PQ)
 11814.9 0834 **R. Brasil Central:** PP: Brasoballads and sertanejo mx; ID @ 0841; more mx (222 8/13 Westenhaver-PQ)
 11830 0739 **R. Anhanguera:** PP: THE Lambada song; @ 0742 promos/carted IDs "R. Anhanguera, a força do povo" (322 8/13 Westenhaver PQ)
 11915 0858 **R. Gaúcha:** PP: W in long, serious sounding interview w/M; @ 0909 string of promos w/ID (343 8/13 Westenhaver-PQ)
 15445nf 0945 **R. Nacional da Amazônia:** PP: Local TC; LA mx inc ballads; @ 0859 "R. Nacional" IDs & TPs (fr-gd 8/30 Famularo)
 17730 0200 **SRI:** EE: ID; nx; second Swiss hostage arrives in Geneva; Jordan's King Hussein will meet with Pres. Bush (433 8/14 Brown) (Carson-NM) (A Jones-TN)
 17815 0100 **R. Cultura:** PP: ID; M with freq anmts; LA mx (333 8/2 Findlater-CA)

CANADA

5960 0100 **R. Japan:** EE: M reads nx abt Iraq (454 Cadorette-MA)
 6070 0014 **CFRX:** EE: Disc abt inflammatory bowel disorders (444 8/23 Gaharan-LA) @ 0030 in EE w/call in prog abt financial matters (444 8/13 Morris-TX) (Brown-IL) (Bishop-NY)
 6120 1125 **R. Japan:** EE: Nx item abt a snow festival in August w/real snow! (555 8/14 Fraser-MA)
 6160 0640 **CKZU:** EE: Prog on Schubert & his mx inc Schubert Symphony #2 in B-Flat (323 8/21 Scott-CA)
 9625 2230 **CBCNQS:** EE: Prog abt stand-off at Oka & disc abt credibility of Quebec Police by a criminologist (322 8/15 Cichorek-NJ)
 9755 2350 **RCI:** EE: SWL Digest w/DX tips from Glenn Hauser (544 8/11 Saarikko-NY) @ 0021 in EE w/"Listener's Corner" inc answering a question abt why Canadian cars have headlights on continuously from some guy named Eddie Janusz (444 9/3 Westenhaver PQ) (Brown-IL) (Neff-FL) (Carson-OK)
 11715 1047 **R. Korea:** EE: Listener's letters; language lesson info (343 8/25 Neff-FL) @ 1037 in EE w/world nx; disc abt a Baptist Congress; Korean abstract painter show in Moscow (444 8/14 Levison)
 11775 1512 **BBC:** EE: Special instructions to Britons in Kuwait caught up in the Iraqi invasion (555 8/5 Fraser-MA)
 11880 2130 **RCI:** EE: Nx; Call for Int'l Peace Force to quell Black violence in S. Africa (322 8/22 Brown-IL)
 15150 2107 **RCI:** EE: Nx inc 3 Canadian ships to leave for Persian Gulf area; ID w/anmt this prog beamed to Europe (322 8/22 Cichorek)
 15260 1503 **RCI:** EE: Nx--British officer taken away by Iraq (333 8/4 Neff-FL) (Reeves-OR)
 15325 2358 **RCI:** SS: Address, freq anmts, IDs in SS, FF & EE (454 8/29 Reeves-OR)
 17820 1200 **RCI:** EE: Nx inc disc about the Mohawk situation near Montreal; (444 8/27 Gaharan-LA) (Reeves-OR)

CHILE

15140 0115 **R. Nacional de Chile:** SS: M anncr w/taped portions of play by play of sports event (soccer?) (444 8/25 Johnson-IL)

COLOMBIA

5567 1020 **R. Nueva Vida:** SS: M anncr w/prog of inspirational mx (232 8/2 Johnson-IL)
 5955 0930 **LV de los Centauros:** SS: TC for 4:30 "en Caracol"; station ID; ads de Villavicencio for "Pullman" buses & stores (423 8/13 Westenhaver-PQ)
 5975.1 0936 **R. Macarena:** SS: Romantic ballad; @ 0940 "R. Macarena" ID with 1cl TC (343 8/13 Westenhaver-PQ)
 6150 0010 **Caracól de Neiva:** SS: Sports nx sponsored by Coca-Cola; "Caracól, numero uno en Colombia y todo el mundo" (322 9/1 Thornton)

COSTA RICA

3220 0300 **HCJB:** SS: ID by M; into prog of mx (221 8/8 Bishop-NY)
 6005.5 0925 **R. Reloj:** SS: Soft Lat Am pop mx, ID by M (333 8/25 Thornton)
 7375usb 1015 **RFPI:** EE: Glenn Hauser's "World of Radio"; plea for financial help for RFPI (222 9/1 Cichorek-NJ) (Johnson-IL) (Carson)
 9725 0028 **AWR-R.Lira:** EE: "Voice of Prophecy" (444 8/4 Findlater CA)
 13630 0228 **RFPI:** EE: T Shirt ad; mailbag show; plug for Monitoring Times Convention (555 8/21 Morris-TN) @ 2330 in EE w/mx inc song "America"; ID (333 8/3 Levison-PA) (Brown-IL) (Neff FL)

21566 0030 **RFPI:** EE: Interview w/psychologist abt interrelationship of psychology & religion (333 8/8 Findlater-CA) @ 0225 in EE w/"World of Radio" #555 (222 8/15 Lukas-NY) (Johnson-IL)

CUBA

5025 0205 **R. Rebelde:** SS: Play by play of baseball game; w/many ments of Los Estados Unidos (USA)(343 8/29 Johnson-IL)
11760 0442 **RHC:** EE: "DXers Unlimited" announces two different weekly prog editions (434 8/19 Carson-OK)
11820 0235 **RHC:** EE: "DXers Unlimited" w/prog abt summertime reception of DX (444/8/12 Scott-CA) (Carson-NM) (Brown-IL)
11835 0610 **RHC:** EE: Nx; "Spotlight on Latin America" (434 8/11 Carson NM)
11840 1900 **RM:** EE: W reads world nx (555 8/5 Findlater-CA)

ECUADOR

3289.9 2319 **R. Centro Ambato:(t)** SS: Non-stop American pops inc Michael-Jackson & BJ Thomas; no ID heard (212 9/11 Thornton-NJ)
4890 0120 **R. Centinela del Sur:** SS: Play by play of football game (433 8/24 Bishop-NY)
4920 0322 **R. Quito:** SS: Generic Lat Am inst mx; ad for "El Comercio" nxpaper; promo for union meeting (433 9/6 Westenhaver-PQ)
5030 0059 **R. Católica Nacional:** SS: Romantic ballads inc vocal of "Come Closer to Me" (322 8/18 Cichorek-NJ)
9760 1056 **HCJB:** Quechua: M tx in Quechua, @ 2058 native flute mx; ID @ 1100 (343 8/17 Cichorek-NJ)
15155 0055 **HCJB:** EE: "Happiness Is" prog w/feature on the Salvation Army (454 8/17 Fraser-MA) (Bishop-NY) (Carson-OK) (Brown-IL)
15270 0710 **HCJB:** EE: Report abt the "World By 2000" program (433 8/26 Leyland-New Zealand)
17790 1715 **HCJB:** EE: Feature abt exotic birds being sold illegally; ham radio (444 8/9 Langlois-FL) (Johnson-IL)
17875 0245 **HCJB:** EE: Folk mx from the Ozark region of the US--wonderful mx! (555 8/17 Scott-CA) @ 0050 in EE w/DX Party Line inc interview w/Richard D'Angelo (who's he? hi hi) (555 8/18 Morris TX)
17790 1851 **HCJB:** EE: M w/disc abt Peter & Jesus (544 8/18 A Jones TN)
25950u 2130 **HCJB:** EE: Old jazz records inc Louis Armstrong (232 8/5 Levison-PA)

FRENCH GUIANA

5055.9 0914 **RFO Matoury:** FF: TC for 6:14; mix of M DJ tx & FF songs; //6170 (242 8/26 Westenhaver-PQ)
9675 0830 **R. Japan:** JJ: M & W in dramatic dialogue (444 8/11 Findlater)
11685 0445 **R. Beijing:** EE: Letter box prog with M & W reading a letter from Nigeria (555 8/12 A Jones-TN)
13685 0200 **R. Beijing:** SS: ID; language prog on translating certain Spanish and Chinese words (555 8/19 Findlater-CA)
15200 2356 **RFI:** SS: Freqcy anmts; ID "Aqui RFI" (333 8/29 Reeves-OR)
15325 0300 **R. Japan:** EE: Rebroadcast of "R. Japan Around the Clock" into SS @ 0330 (434 8/11 Carson-OK) (Findlater-CA)

HONDURAS

3300 0259 **R. Cultural:** EE: ID @ 0259; "We hope you enjoyed our broadcast" then into Bible class (333 9/2 Abbinante-IL) (Bishop-NY)
4799.8 0200 **R. Buenas Nuevas:** SS: Marimba mx; M anncr w/ID & brief anmt @ 0209 (232 829 Johnson-IL)
4820 0106 **LV Evangélica:** SS: M delivers religious service inc Palabra Hymns & ments of Dios (423 8/13 Trescher-PA) (Bishop-NY)
4835 0128 **R. Tezulutlán:** SS: Slow talking M giving nx followed by marimba & vocal folk mx (222 8/15 A Jones-TN) (Westenhaver PQ)

MEXICO

6115 0600 **R. Universidad de Sonora:** SS: ID @ 0600 "R. Universidad de Sonora de Mexico"; Lat Am pop mx (333 8/15 Scott-CA)
6185 0655 **R. Educación:** SS: M anncr w/prog of opera mx (353 8/4 Johnson-IL)
9515 0130 **LV de América Latina:** SS: DJ w/Latino mx; no ID heard but ments de Mexico City & "programa Latina"(333 8/25 Findlater CA)
15160 2130 **LV de América Latina:** SS: M anncr in rapid fire tx in SS (333 8/18 Findlater-CA)

PARAGUAY

6025 1024 **R. Nacional del Paraguay:** SS: Barely heard under co-channel Lat AM stn but //9735 (pr 8/21 Famuloro-Japan)
9735 08812 **R. Nacional del Paraguay:** SS: Paraguayan polkas; M DJ chats between cuts (Why do they call them polkas? They don't sound

at all like Polish polkas!) (343 8/18 Westenhaber-PQ)

PERU

4789 0051 R. Atlántida: SS: M anncr w/tx in SS (433 8/7 Bishop NY)
4870 0030 R. Cosmos: SS: M anncr tx in SS (221 8/24 Bishop-NY)
4970 0747 R. Imagen: SS: Special prog on Saturday night only; uses
a very distinctive musical interval break (242 8/5 Flynn CA)
4991 0112 R. Ancash: SS: M anncr w/tx into mx (322 8/2 Johnson IL)
4996 1005 R. Andina: SS: M anncr into Peruvian mx (322 8/2 Johnson IL)

PIRATES, CLANDESTINES, & UNIDS

3474 0101 R. Hope Int'l: EE: Fake ads, questionnaire abt whether you
want a machine gun in your car (443 8/19 George-MA)
6305 0912 LV del CID: SS: Cuban mx; echo chamber effect; M & W w/tx
(pr 8/30 Famularo-Japan)
6315 0030 R. Pátria Libre: SS: Orchestral NA w/chorus; followed by folk
version in guitar *0030 w/freqs, ID; political tx in SS (434
7/16 Karcheski-MA)
7389 0110 One Voice Radio: EE: Health tips, freq IDs, Blue Ridge Summit
address 0123* (343 9/8 George-MA) (also logged on 7393 lsb on
8/27 @ 0113 by Johnson-IL)
7396 0700 R. Mexico Int'l: SS: Latin American mx; asked for taped re-
ports; Blue Ridge Summit PA address; s/off w/Mexican NA (343
8/5 Johnson-IL)
7397 0507 Hope Radio Int'l: EE: Editorial: "Why doesn't the US just
annex Canada" (444 8/5 Johnson-IL) (Bill Westenhaber may be
able to give us a few good reasons!--ed)
7400 0640 WLAR: EE: Comedy nx reports inc short bit from an Andrew Dice
Clay album (343 8/5 Johnson-IL)
7400 2245 US 1, East Coast Pirate Radio, Hope Radio Int'l: EE: 3 way QSO
in which new Pirate--US 1--got acquainted w/two veteran broad-
casters & received some advise (343 8/5 Johnson-IL)
7400 2206 Hope Radio Int'l: EE: Listener's letterbox; tx on topic of
Free Radio; (444 8/5 Karcheski) (D'Angelo-PA)
7400 0303 Revolutionary Voice of Plainville: EE: ID as "The North Amer-
ican Service of the Big Willie"; Baltimore MD PO address
(453 8/26 D'Angelo-PA)
7415 0240 Radio EXP: EE: Rock mx; ID & maildrop info @ 0245; more mx
(232 7/28 Karcheski-MA)
7415 0110 Samurai Radio: EE: Mx by Elton John, McCartney; ID; tx with
other Pirates (222 9/2 Abbinante-IL)
7415 0343 R. USA: EE: Rock mx; fake ads; ID; more mx (232 7/28 Kar-
cheski-MA)
7435 0209 XERK: EE: Repeated message of ID; QTH given as North Mexico;
gave phone # 1(512) 464-5870 for reports & advised they would
take collect calls; QSL rec'd 10 days later (222 8/14 Johnson)
9940 0150 LV del CID: SS: ID; nx of Latin America; nx of Cuban-American
community (555 8/26 Trescher-PA)
9942 0100 Unidentified: SS: Nx; M tx abt Fidel Castro in a derogatory
manner (333 8/21 Findlater-CA) (This is most likely LV del CID
as their frequency does vary a bit--ed)

UNITED STATES OF AMERICA

5995 0050 VOA: EE: ID; slow speed nx inc the Willa Cather story (555
8/14 Trescher-PA) (A Jones-TN)
6125 0608 VOA: EE: Special anmnt to all American citizens still located
in Kuwait (434 8/13 Carson-NM)
6130 0103 VOA: EE: "Music USA"; ID; VOA nx inc Pres Bush's speech
(555 8/21 Trescher-PA)
6185 0330 WRNO: EE: "World of Radio" #558, lots of QRM (222 8/25 Car-
son-OK) (Due to transmitter problems many of WRNO's transmis-
sions have been reduced to 500 watts--making WRNO a real DX
challenge--ed)
7520 0440 WWCR: EE: "Old Country Church" prog; mandolin mx (444 8/13
Scott-CA) (Carson-NM)
7355 0030 WRNO: EE: LSU football coach's prog into "World of Radio" @
0100 (434 9/6 Carson-OK)
9455 0010 VOA: EE: "Caribbean Report"; nx abt OPEC meeting (222 8/30
Reeves-OR)
9455 0726 WSHB: EE: Dick Roberts on Palindromes--very entertaining!;
"Encore" prog (444 8/20 Scott-CA)
9465 0517 WMLK: EE: ID; repetitive stn IDs & freq anmts; relig tx (222
8/8 Findlater-CA)
9495 0215 WHRI: SS: "La Voz de la Fundación" prog w/tx abt Cuban-
American National Foundation Program (333 8/3 Neff-FL)

9505 0235 **WYFR:** EE: Call-in prog answering queries abt the Book of James (434 8/17 Scott-CA)

9525 2345 **R. Martí:** SS: M & W w/interviews w/Cubans living in the USA (444 8/5 Langlois-FL) (A Jones-TN)

9575 0310 **VOA:** EE: Nx abt Persian Gulf crisis; Iraqi jammer audible in background (333 8/9 Johnson-IL)

9580 1158 **WCSN:** EE: Nx prog largely inaudible due to QRM de R. Australia; this is yet another station trying to move in on RA during this time period (222 8/1 Lukas-NY)

9775 0012 **VOA:** EE: "Newslines"; American women & children are set to leave Iraq & Kuwait (111 8/30 Reeves-OR)

9815 0013 **VOA:** EE: Nx abt European govts' reactions to Saddam Hussein's "guest" policy (555 8/30 Reeves-OR) (Carson-NM)

9840 0548 **WCSN:** EE: Religious article read from the Christian Science Monitor newspaper; ID @ 0554 (242 8/14 Carson-OK)

11580 2341 **WYFR:** EE: Freqcy anmts; scripture readings (444 8/29 Reeves)

13520 0455 **WWCR:** EE: Prog abt crystal energy & electrons; ads (444 8/4 Neff-FL)

13720 2347 **WRNO:** EE: "World of Radio" # 560 inc nx abt AM station in Haiti being stolen (444 9/8 Carson-OK) You would have to think that between some guy walking down the street with the whole station and then trying to get a loan on it at the local pawnbroker's that somebody would get suspicious!--ed)

13775 1219 **VOA:** SS: "Buenos Dias America" prog w/tx abt UN-Iraqi tx; prog promos; ID (fr 9/3 Famularo-Japan)

15105 1745 **WHRI:** EE: M w/ID; "Bible Hour" prog (444 8/9 Langlois-FL)

15120 2100 **VOA:** EE: W anncr profiling mx of Phil Collins (555 8/11 A Jones-TN)

15145 1257 **WYFR:** SS: Tuned in & heard ID w/Oakland CA address; into prog of relig mx (pr 8/20 Famularo-Japan) (Carson-OK)

15300 2337 **WCSN:** EE: "Letterbox" prog inc letters from USA & Japan (444 8/29 Reeves-OR)

15410 1721 **VOA:** EE: Nx item abt bombing of S. African npxpaper (222 9/3 Reeves-OR)

15440 1724 **WYFR:** EE: Tx abt pornography & obscenity (333 9/3 Reeves OR)

15560 1238 **WWCR:** EE: Fundamentalist and Pentacostal preachers deliver sermons w/full ID between sermons (fr-gd 8/20 Famularo Japan)

15580 1815 **VOA:** EE: W w/cmnty "Arab Partners-How Good?"; into nx abt Arab Summit (444 8/9 Langlois-FL)

16610 2000 **WSHB:** EE: M w/nx abt Arab Summit condemning Iraqi aggression in Kuwait (555 8/11 A Jones-TN)

17555 2306 **WCSN:** EE: M w/prog abt the end of the world; ID (454 8/11 Berrl-CA)

17775 1533 **KVOH:** EE: Bible teachings w/host Derek Prince; ID @ 1545 as "High Adventure Radio" (333 9/3 Brewer-KS) (Neff-FL)

17800 1930 **VOA:** EE: Prog "Night of the Living Dread" featuring Reggae mx (444 8/3 Neff-FL)

VENEZUELA

4830 0219 **R. Táchira:** SS: Great female vocal mx I can't help but enjoy!; ID by M (352 8/15 A Jones-TN) (Bishop-NY)

4840 0142 **R. Valera:** SS: LA vocal mx sung by W; M tx (322 8/7 Bishop)

4959.9 0907 **R. Maracaibo:** SS: Cumbia-style songs and local Sinatraesque vcls; TCS "R. Maracaibo" ID & mx (343 8/20 Westenhaver PQ)

4970 0141 **R. Rumbos:** SS: ID "R. Rumbos"; Lat Am pops (423 8/13 Trescher-PA)

4980 0137 **Ecos del Torbes:** SS: Upbeat Latino mx (333 8/26 Abbinante-IL) (Cichorek-NJ) (Scott-CA) (Trescher-PA)

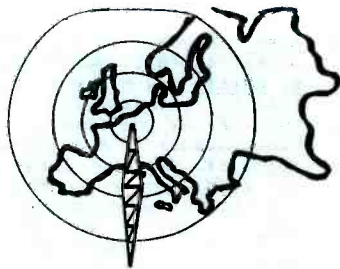
9640 0351 **Ecos del Torbes:** SS: M sing w/Paraguayan-style harp; @ 0355 s/off anmt--ment back 4:55 tom'w; state anthem & NA 0400* (242 8/23 Westenhaver-PQ)

9660 0000 **R. Rumbos:** SS: ID: continuous Latino mx; animated DJ chatter (333 8/4 Findlater-CA)

FILL THAT GAP: Not too much gap to fill due to your fine efforts. The most interesting question this month is the change in freqs beamed to NA from HCJB; 17875 has been replaced by 17775 from 0030-0700. No reason was give for the change of this long time freq which seemed strange given the good reception on 17875. This column marks the close of my first year as a column editor for SPEEDX. It has been great meeting so many of you through your loggings and letters. Since I did not win even a part of the \$105 million dollar Florida lottery, I'll see you back here next month. Until next month remember to have fun with your radio!

EUROPE

BOB COLYARD
84 HARRISON AVENUE
BRICKTOWN, NJ 08724



Hi everyone! By the time you read this some changes may have occurred on the short waves. First, the demise of Radio Berlin Intl. For those who may not realize it yet, RBl is history. This may not have been everybody's favorite station, but it was an alternative in an already shrinking program list. And to top it off, the Deutsche Welle will be getting their frequencies and transmitters. I don't mean to put down the D.W., but sometimes they remind me of plain vanilla. (Sorry Larry! 15 minutes a week isn't enough.) I only hope that the D.W. will seize this opportunity to create (like in creative) something that can really sing and dance. Like the BBC you say! Don't hold your breath. Instead, I look for a German version of the VOA. If I listen to one station more than another, which of those stations will have a greater impact on my personal life? Oh well! Enough said about that.

The other big change is the countries now on summer time go back to standard time. So don't look for Radio Budapest's "Calling DXers" at 0130 utc, it's now on at 0230 utc. Some of the countries affected are: Austria, Belgium, Bulgaria, and Hungary. (GDR too!) There may be schedule changes to Radio Prague also. Lets move on to the loggings!

ALBANIA

Radio Tirana

9375 0412 RT: GG: Albanian folksongs, also simultaneous on 9480 in FF. (444 8/11 WW-PQ)
9480 2142 RT: EE: //7245; "Music on request" (8/18 Cichorek-NJ) @0400: FF. (343 8/11 Westenhaver-PQ)(8/17 Findlater-CA) @0430: EE. (322 8/26 Leyland-NZ)
9500 0330 RT: EE: IS; ID. (333 8/5 Findlater-CA) @0530: EE: very weak. (Findlater-CA)
9760 *2330 RT: EE: Commentary. (333 8/4 Langlois-FL) //6120. (444 8/26 Prath-FL)
11825 0230 RT: EE: Gulf crisis. (322 8/11 Leyland-NZ) @0330 & @2330: EE. (Findlater-CA)

AUSTRIA

Radio Austria Intl.

9870 0145 RAI: EE: //9875, 13730; Austrian-Hungarian 1995 World's fair. (454 8/16 Fraser)
9875 0130 RAI: EE: //9870; News & Comment. (444 8/21 Levison-PA)(Prath-FL)(Findlater-CA)
13730 0130 RAI: EE: "Report From Austria". (544 8/7 Bishop-NY)(Neff-FL)(Carson-OK)
@1634: EE: (232 8/17 Cichorek). @0730: (Findlater-CA) @0230: SS:(Gibson-AR)
21490 1254 RAI: GG: ID and music; off @1256. (555 8/31 Cadorette-MA)

BELGIUM

Belgische Radio en Televisie R.T.B.F.

9925 2330 BRT: EE: ID: News; "Editorial Review & Current Affairs". (434 Cichorek-NJ)
11695 *0630 BRT: EE: to Australia; news; "PO Box 26" & "Radio World". (232 8/13 WW-PQ)
13675 2330 BRT: EE: //9925; Belgium sending mine sweepers to Gulf. (444 8/13 Levison-PA)
@1735: EE: Belgians in Kuwait and other news. (242 8/3 Johnson-IL)
21460 1754 RTBF R4: FF: talk by OM and frequency anmts. (444 9/3 Reeves-OR)
21800 1730 BRT: EE: Iraq control of Kuwait TV and Radio. (222 8/4 Neff-FL) New freq? -BC
21815 1531 BRT: EE: Comments on health care to people of Zaire. (fr-pr 8/9 Levison-PA)

BULGARIA

Radio Sofia Radio Moscow

11660 2200 RS: EE: Bulgarian Socialist Party. (433 8/28 Gaharan-LA)
11680 2343 RS: EE: //15330; Choral singing and remarks by YL. QRM. (434 8/12 Levison-PA)
11750nf 0316 RS: EE: Efforts to settle Gulf crisis. @0319 "Youth Corner" (444 9/6 WW-PQ)
15290 0350 RS-Plovdiv: EE: w/talk on gold production. (444 8/25 Berri-CA)
15310 0100 RS: DD: News by YL. (333 8/9 Findlater-CA)
15330 2340 RS: EE: //11660; "Music from Bulgaria" (544 8/14 Fraser-MA) (444 Findlater-CA)
@2220: EE: Poetry in Bulgaria. (433 8/4 Prath-FL) (433 9/2 Abbinante-IL)
17735 2315 RM relay-Plovdiv: EE: "Viewpoint". troops in the Mid East. (333 8/11 Berri-CA)

CZECHOSLOVAKIA

Radio Prague Intl.

5930 0120 RPI: EE: "Mailbag" w/letter from presumed East European economic specialist named Edward Yanuss. (454 9/6 Colyard-NJ) @0115: letter by E.J. (9/10 EJ-NJ)
@0300: EE: news. (433 8/24 Carson-NM) Sneaky way to submit more loggings. -BC
7345 0109 RPI: EE: "Sunday Reading from Czech-Slovak literature" (444 8/27 Johnson-IL)
@0300: News; "Tips for Trips"; "Observer" w/Bill Bathurst. (333 8/7 Carson-OK)
11680 0100 RPI: EE: //5930, 7345; Computer dating services in Czech. (322 8/8 Prath-FL)
21505 0216 RPI: ??: //15540(333); talk in vernacular & vocal music. (334 9/3 Hart-MN)

CYPRUS

BBC relay

15165 1515 BBC-Limassol: AA: mx & tkl. QRM from "bubble" jammer. (222 8/19 Berri-CA)
21470 1356 BBC: EE: "Sports Roundup"; news @1400. (333 9/2 Brewer-KS) (In PWR90! -BC)

FINLAND

Radio Finland

9670 0430 RF: EE: //11755; "Northern Report" (QRM via RSA 9675). (122 8/18 Park-HI)
 11755 2320 RF: EE: //15185; Finland during WWII. @2325: FF: (444 8/10 Prath-FL)
 15185 2302 RF: EE: //11755; "Business Monday" (333 8/26 Brown-IL) @0430.(Findlater-CA)
 15400 1206 RF: EE: "Nordic Report" (433 8/3 Johnson-IL) @2119: EE: to 2121. (Brown-IL)
 @2210: EE: News on release of hostage from Lebanon. (433 8/24 Abbinante-IL)
 21550 1324 RF: EE: //15400; "Starting Finnish"(Sun). (454 9/2 Brewer-KS) @1335: EE:
 "AirMail"(Sat). (343 Neff-FL)(Prath-FL) @1410: EE: //11820. (322 Carson-OK)

FRANCE

Radio France Intl.

6175 *1600 RFI: EE: News about Iraq; "POB.." listeners letters(Sun). (555 8/5 Willers-SW)
 9800 0315 RFI: EE: News and Press Review. (444 8/3 Johnson-IL)
 17620 1600 RFI: EE: OM w/news (555 8/14 Gibson-AR) @1733: FF: (444 Reeves-OR)
 21620 1745 RFI: FF: //21685, 15300; Music and talk. (443 8/9 Hart-MN)
 21635 1235 RFI: EE: //17650; News about Middle East; Pop music. (333 8/18 Prath-FL)
 21770 1422 RFI: EE: OM w/news; interview about Colombia/drugs. (555 8/11 Cadorette-MA)
 25820 1128 RFI: FF: Theme mx @1130; about Radio Kuwait & Baghdad. (fr-gd 8/19 Famularo-JP)
 @1514: "Ici Paris, Radio France Int., Medias France Intercontinents" (333 BC)

GERMAN DEMOCRATIC REPUBLIC

Radio Berlin Intl.

9730 1800 RBI: EE: about "Deutsche Welle" (544 8/28 Willers-SW) @2150: (Abbinante-IL)
 11785 2344 RBI: ??: IS, ID and frequency anmts. (211 8/29 Reeves-OR)
 11890 *0344 RBI: EE: IS, ID & news; "Mailbag". (433 9/10 Carson-OK)
 13610 2345 RBI: EE: "Saturday Potpourri" w/Pat Williams. (444 Cichorek-NJ)(Abbinante-IL)
 @0005: EE: about the DDR. (444 Johnson-IL)(Neff-FL) @0155: EE:(444 Prath-FL)
 @0226: GG: call for reception reports.(454 Hart-MN) @0245: GG:(454 Jones-TN)
 13770 2350 RBI: EE: //13610; about GG reunification. (444 8/11 Prath-FL)
 @0215: "Stamp Album" @0344: nx & comment; "Berlin in Focus". (434 Carson-OK)
 15240 1516 RBI: EE: answering letters; talk about RBI's demise. (333 9/9 Cichorek-NJ)

GERMAN FEDERAL REPUBLIC

Deutsche Welle Sender Freis Berlin

6100 0018 DW-Julich: GG: talk about Iraq. @0200: GG: world news (555 8/21 Trescher-PA)
 6190 2350 SFB: GG: Instl. version of "The Wall"; @0000: ID, brief jingle & into news.
 @0004: ID, music to 0017 & telephone conversation. (353 8/17 D'Angelo-PA)
 9765 0426 DW: EE: "European Journal": happenings in Liberia. (333 9/10 Carson-OK)
 11705 0515 DW: EE: "European Journal": report on Chernobyl. (434 8/21 Scott-CA)
 11860 2415 DW: GG: YL w/Pop music. (444 8/6 Langlois-FL)
 15105 0100 DW: EE: World news followed by "European Journal". (544 8/25 Saarikko-NY)
 15360 2106 DW: EE: News; embassies surrounded. (433 8/26 Bishop-NY)(333 8/25 Brown-IL)

GREECE

Voice of Greece V.O.A.

7105 0100 VOA-Kavala: Urdu: ID; Mid East music & news. (555 8/22 Trescher-PA)
 9395 0130 VOG: EE: World and local news. (544 8/17 Morris-TX)(444 8/3 Brown-IL)
 9420 0145 VOG: EE: YL w/news. (444 8/27 Johnson-IL) @0245: GG: //9395; talk and music
 (444 8/21 Findlater-CA)(555 8/14 Gibson-AR)
 9435 0135 VOG: EE: News: France sends forces to the Gulf. (333 8/21 Brown-IL)
 11645 0130 VOG: EE: News (444 8/10 Prath-FL) @0325: GG: no EE @0340. (8/12 Scott-CA)
 17535 1245 VOG: EE: News reports from the Mid East; off @1251. (343 8/11 Prath-FL)

HUNGARY

Radio Budapest

9835 2340 RB: EE: Commentary and ID. (433 8/22 Cichorek-NJ) @0036: EE: (Levison-PA)
 11910 0132 RB: EE: DX items - freqs and times.(434 8/7 Levison-PA) @0030: EE: (Neff-FL)
 15160 2330 RB: EE: //9835, 11910; Report on art of holography. (444 8/4 Prath-FL)
 15220 *2200 RB: SS: //11910; IS and news by OM. (444 8/4 Prath-FL)

ICELAND

Icelandic National Broadcasting Service

15770 1900 Reykjavik: Icelandic: YL and OM talk. @2300: to 2337 (333 8/11 Findlater-CA)
 17440 1940 Reykjavik: Icelandic: to 2000*; OM talk. @2300 also: (333 8/11 Findlater-CA)

ITALY

Radiotelevisione Italiana Voice of Europe IRRS

6060 0120 RAI: SS: ID: "RAI Espanol"; Italian music. (533 8/7 Trescher-PA)
 7536.6 0157 VOE: EE: @0201: ID & anmt: "The Voice of Europe wants to hear from you.."
 w/address; then more pop music. (121 8/18 Westenhaver-PQ)
 7537.2 2049 VOE: EE: Pop music, and YL repeating "This is the Voice of Europe.." This freq
 drifting from 7536.7 to 7539.7 kHz. (444 8/15 Willers-SW)
 9575 *0100 RAI: EE: IS; ID; news. (333 8/21 Brown-IL)(454 Fraser-MA)(343 Prath-FL)
 9710 1945 RAI: EE: to UK & Ireland: Classical Italian vocal mx. (322 8/22 Thornton-NJ)
 @1940: YL tries very hard to read the news. ID (544 8/8 Willers-SW)
 9815 0540 IRRS: EE/Ukrainian?: Gospel pgm; ID & address; into UK. (453 8/19 D'Angelo-PA)
 11800 0035 RAI: EE: Opera music. @0100: YL w/news on Iraq. (343 8/26 Abbinante-IL)
 15245 0250 RAI: II: //11800; YL & OM w/Italian language lessons. (444 8/7 Findlater-CA)

From Steve Willers comes this Info: RADIO MARCONI INTERNATIONAL in Taranto, ITALY is conducting a new series of test programs. These can be heard Mondays to Saturdays from 0530 to 0700 and on Sundays from 0615 to 0845 utc, all on 11390 kHz. Send reports to: Antonello Napolitano, Via Argentina 78, 74100 Taranto, Italy. Thanks Steve, good stuff! -BC

LUXEMBOURGRadio Luxembourg

6090 0020 RL: EE: Rock pop music; anti-AIDS promo. (434 7/16 Karcheski-MA)(Johnson-IL)
 @0120: EE: U.S. pop music; promos & IDs. (343 8/27 Cadorette-MA)(Abbinante-IL)
 15350 2344 RL: EE: //6090; Pop music show; ADS; British wx; news headlines @2358. (Should
 be in EE for a year.)(232 8/31 Westenhaver-PQ) @0020: Call-ins (Saarikko-NY)

MALTADeutsche Welle Voice of Mediterranean

9565 0105 DW: EE: //6040, 6145; News; "European Journal" (433 8/21 Brown-IL)(Prath-FL)
 9765 0600 VOM: EE: History feature. (343 8/3 Johnson-IL)
 11865 0120 DW: EE: //6145; Report on Mid East military operations. (444 8/10 Prath-FL)

MONACOTrans World Radio

6230 *1927 TWR: GG: //1467; IS for 3 minutes then ID: "Sie horen den Evangelium Rundfunk
 uber Trans World Radio, Monte Carlo"; RX talk to 2000*. (555 8/29 Willers-SW)
 @0058: GG: IS and s/on info; @0100: talk & RX music. (444 7/22 Karcheski-MA)
 9480 *0640 TWR: EE: IS & ID; religious sermon; Hymns. (444 8/8 Findlater-CA)
 @0813: EE: Bible study pgm - gave TWR address in UK. (242 8/20 Westenhaver-PQ)
 (Steve Willers has written to TWR, and will forward any info he receives. -BC)

NETHERLANDSRadio Netherlands Radio Orang Utan

6020 0103 RN-Flevo: EE: //6165-Bonaire; "Media Network". (333 Carson-NM)(Abbinante-IL)
 6206 0805 ROU: EE: DJ-Freddy; pop mx; "P.O.Box 114 S. Heerenberg" (354 8/12 Willers-SW)
 9860 2033 RN: EE: "Newsline" & "Media Network"(Thu). (353 8/23 Lukas-NY)(333 Brown-IL)
 9860nf 2227 RN: Dutch: IS & freq anmts; This freq added for Gulf crisis. (333 8/10 WW-PQ)
 9895 0100 RN: PP: //11660; OM w/talk. (333 8/21 Findlater-CA) @0300: SS: Dutch mx.
 (544 8/14 Gibson-AR) @0640: DD: OM w/talk.(nf? -BC)(444 8/8 Findlater-IL)
 13630 0134 RN: EE: Games for disabled in Holland. (433 8/24 Gaharan-LA)
 17895 2230 RN: SS: ID; OM w/talk; off @2325*. (444 8/6 Findlater-CA)(nf, Not in WRTH -BC)
 21685 1840 RN: EE: "Newsline": development program in Uganda. (443 8/23 Gaharan-LA)

NORWAYRadio Denmark Radio Norway Intl.

11860 0346 RD: Danish: ID in EE & into programming. (323 8/14 Jones-TN)
 11925 0130 RNI: NN: OM w/commentary; Norwegian music. (555 8/18 Trescher-PA)
 15165 2316 RNI: EE: "Nature Notes" - acid rain & other problems. (555 8/12 Fraser-MA)
 15325 2345 RD: Danish: OM & YL w/talk; ID in EE. (444 8/4 Findlater-CA)
 17755 1530 RD: Danish: IS & EE ID. (453 8/27 Gibson-AR) @1630: in USB.(Westenhaver-PQ)

POLANDRadio Polonia

7270 2245 RP: EE: //9675; Report on banking - finance in Poland. (322 8/11 Prath-FL)
 @2311: EE: Comment; excerpts from Chopin Competitions. (343 8/10 Levison-PA)
 9675 0637 RP: EE: Music festivals in Poland. (312 8/24 Leyland-NZ)
 @2240: EE: "What We Said": review of the weeks commentary. (222 8/4 Prath-FL)

PORTUGALRadio Portugal

9600 0232 RDP: EE: News- Gulf crisis; wx- 31c; sports- 92 challenge. (333 8/29 Brown-IL)
 9680 0246 RDP: EE: //9705; ID & classical music. (222 8/17 Scott-CA)
 9705 0234 RDP: EE: //9680, 11840; News. (322 8/9 Jones-TN)(333 8/15 Brown-IL)
 @0000: PP: Portugese music & vocals. (333 8/23 Findlater-CA)
 11740 0250 RDP: EE: Program of PP mx. (544 8/22 Gibson-AR)(nf? Joe, is 11740 correct? BC)
 15250 1800 RDP: PP: //21495; Pop music program. (444 8/29 Findlater-CA)
 21495 2030 RDP: PP: //15250; Futbol game w/excited sportscaster. (555 8/25 Findlater-CA)
 21530 1623 RDP: EE: PP interests in Africa; @1630: gong & anthem.(232 8/17 Cichorek-NJ)

RADIO FREE EUROPE/RADIO LIBERTY

Last month I put out a HOOK. "How are RL and RFE different?" Well, I received a response from two members. First, from Robbie Reeves: "RFE broadcasts in Czech, Slovak, Bulgarian, Romanian, Polish, and the Balkan languages, to Eastern Europe only. RL only broadcasts in Russian, and other dialects of the Soviet Republics. John Findlater also wrote, that he had a friend who worked for the VOA who substantiated this fact. John said: "From what he told me, I assumed each unit operated in it's own particular, target areas and language. However, since both are owned by the U.S., I guess this is a distinction without a difference." More than we think! The WRTH has times and freqs for both listed under West Germany. And to quote the 1983 WRTH: "All of RL's tr's, with the exception of those to East Germany, are directed to the USSR. RL's prgm's are transmitted from RFE facilities in West Germany and Portugal... The selection of transmitter location is a function of propagation conditions throughout the year." There are 5 transmitter locations for RFE: Biblis, Holzkirchen, & Lampertheim, in West Germany; Gloria, Portugal; and Playa-de-Pais, Spain. Not to mention the new Eastern Block sites. As you can see, frequencies may be the same and yet tr sites different. The "Passport to World Band Radio" also has times and sites listed in it's blue pages, which can be very helpful. The reliability of these sources, however, is anyone's guess! So, it's important for the DXer to use a variety of different sources.

ROMANIARadio Romania Intl.

11830 *0130 RRI: Romanian: //9510; IS & ID; news by YL. (232 8/11 Prath-FL)
 11940 0208 RRI-Bacau(ILG): EE: News. (534 8/26 Trescher-PA) @0300: SS:(444 Carson-OK)
 21665 *1300 RRI: EE: s/on & ID; news by OM. QRM (222 8/11 Prath-FL)

SPAIN

Radio Exterior de Espana

9630 0011 REE: EE: News on UN in Cambodia. (222 8/30 Reeves-OR) @0000: news on Kuwait.
 "DX Spot" (434 Johnson-IL)(444 Brown-IL) @0525: EE: Hispanic folk music.
 (423 8/15 Scott-CA) @2300: FF: news by OM. (444 9/6 Abbinante-IL)
 9650 0650 REE: SS: IS & ID; talk by OM; off @0700*. (333 8/10 Findlater-CA)
 11880 0003 REE: EE: //9630: nx.(544 8/27 Bishop-NY)(433 Brown-IL) @0035: "Sports Report"
 (544 Gaharan-LA) "Science Review" (544 Fraser-MA) @0106: EE: (444 Neff-FL)
 15375 1915 REE: EE: Cuban refugees in Spain. (444 8/10 Langlois-FL)
 15395 0630 REE: SS: IS & ID; talk; Latino music. (333 8/3 Findlater-CA)
 17845 2230 REE: SS: YL & OM talk; Frequency schedules. @2245* (555 8/18 Findlater-CA)
 21595 1730 REE: AA: //15395; Talk by YL & OM; Arabic music. (333 8/11 Prath-FL)

SWEDEN

Radio Sweden

9615 1710 RS: EE: "Sweden Calling DXers": 9720, Holy Mecca Radio. (544 8/28 Willers-SW)
 9655 2030 RS-Horby(ILG): GG: News & commentary; Swedish music. (312 8/6 Trescher-PA)
 11705 0230 RS: EE: "Mailbag"(Mon) (333 8/20 Scott-CA)(433 Johnson-IL) @0240: Soviet
 hijackers extradited. (343 Jones-TN) "Nordic Newsweek"(Sat) (322 Brown-IL)
 @2215: Swedish: commentary. @2239: PP: "Africano"; news. (423 Trescher-PA)
 15405 0100 RS: EE: "Weekday from Stockholm"; news. (222 8/27 Brown-IL)
 (From SCDX #2112 comes Radio Sweden's new English schedule as of Sept 30th.)

UTC	kHz	area	UTC	kHz	area
1230 on	11715, 17740, 21570	to Pac	2200 on	1179, 6065	to Eur/Afr
1400 on	9765, 17740	to SA/SEAsia	2300 on	9695, 11705	to LAmerica
1530 on	17880, 21500	to NAmerica	0100 on	1179, 9770	to Eur/SEAsia
1800 on	11900, 1179, 6065, 9655	to ME/Eur	0200 on	9695, 11705	to NAmerica
1930 on	6065, 7265	to Eur/Afr	0330 on	9695, 11705	to NAmerica

Also, Portugese has been dropped, and French & Spanish have been cut to 15 mins daily.

SWITZERLAND

Swiss Radio International

3985 *1730 SRI: EE: News:US troops in Liberia; " The Grapevine"(Sun).(555 8/5 Willers-SW)
 6135 0157 SRI: EE: Alpine music; ID & news; "Dateline" (333 8/27 Brown-IL) @0228: EE:
 music (444 9/3 Hart-MN) @0245: SS: news about GG.(555 8/11 Trescher-PA)
 9650 0115 SRI: EE: ID and music; into Italian. (454 8/28 Hart-MN) @0200: EE: //6135;
 news: GG reunification. (555 8/12 Cadorette-MA)(444 8/5 Neff-FL)
 @0310: EE: various schedules. (444 Findlater-CA) @0400: EE: (444 Brown-IL)
 9885 0200 SRI: EE: News; "Short Wave Merry-Go-Round".(444 8/19 Levison-PA)(433 Brown-IL)
 @0415: EE: commentary (555 Gibson-AR) @2122: EE: "Dateline"(333 Cichorek-NJ)
 12035 0215 SRI: EE: "Merry-Go-Round"(The 2 Bobs).(555 8/18 Morris-TX)(444 8/15 Brown-IL)
 13635 1115 SRI: EE: //15570; "Swiss S.W. Merry-Go-Round". (343 8/11 Prath-FL)
 13685 0830 SRI: EE: ID & news by OM. (444 8/19 Findlater-CA)
 15430 0630 SRI: EE: "Round About" (444 8/26 Leyland-NZ)
 @1530: EE: "Dateline". to 1600: FF: (233 8/20 Berri-CA)(434 9/6 Carson-OK)
 15570 0030 SRI: SS: //12035; ID & talk by OM. (333 8/20 Findlater-CA)
 17730 0220 SRI: EE: "This is Swiss Radio Intl in Berne". (444 8/16 Scott-CA)
 25680 *1330 SRI: EE: //21695; News: report on the Mid East. (444 8/25 Prath-FL)

UNITED KINGDOM

British Broadcasting Corp British Forces Broadcasting Service V.O.A.

7325 0243 BBC: EE: Story/dramatization. (544 8/9 Jones-TN)(Was it "Smily's People"? -BC)
 9410 0302 BBC: EE: News: Morrocco's troop build up in Gulf. (353 8/14 Jones-TN)
 9825 0137 BBC-Daventry(ILG): SS: "Estados unidas latin Americana" (555 8/27 Trescher-PA)
 9915 0014 BBC: EE: News on OPEC talks. (222 8/30 Reeves-OR) jammed! (444 9/4 Brown-IL)
 11865 1528 VOA: Estonian: Talk about Gulf crisis. (222 8/17 Cichorek-NJ)
 11876 0740 VOA-Wooferton(ILG): AA: No sign of jamming here. (343 8/20 Westenhaver-PQ)
 13745 *0200 BFBS: EE: //77125, 9640. (434 8/28 Carson-OK)(Cichorek-NJ, D'Angelo-PA, WW-PQ)
 15070 0112 BBC: EE: Abt Kuwait. (333 Brown-IL) @1711: Soviet minorities (222 Reeves-OR)
 15195 *1320 BFBS: EE: //17695, 21735; w/messages to British forces. (343 8/19 Willers-SW)
 17695 *0930 BFBS: EE: //21735; Music & messages. (333 9/1 WW-PQ) (515 8/19 Wolfson-OH)
 21500 1345 BFBS: EE: //17695; ex21735; Mx & messages. (343 8/31 WW-PQ)(9/6 back on 21735)
 21665 1617 BBC: EE: Special one time freq for Parliament debates on the Gulf. (544 BC-NJ)
 21735 *1330 BFBS: EE://15390, 17695; Back on this freq. ex21500 (343 9/6 Westenhaver-PQ)

UNIDENTIFIED

6305 1025 UNID: SS: OM/YL talk; maybe "La Voz de Las Canus"-Spain? (253 8/26 Willers-SW)

VATICAN CITY

Vatican Radio

7250 1957 VR: EE: Second round of peace talks in Mozambique. (555 8/11 Leader-IR)
 9605 0050 VR: EE: //11780, 15180; News about Iraq.(434 8/18 Cichorek-NJ)(444 Brown-IL)
 11725 0315 VR: EE: Sermon about St. Peter; "With Heart and Mind". (323 8/12 Scott-CA)
 11780 0057 VR: EE: RX readings; "With Heart and Mind"; nx @0102. (444 8/19 Cadorette-MA)
 15180 0050 VR: EE: "The Great Saint Story" (555 8/14 Findlater-CA) @0106:(444 Brown-IL)
 17710 *0746 VR: various: //21650; Live Bcast of Pope in Tanzania. (fr-gd 9/3 Fumaloro-JP)
 @1750: EE: ID as African service; civil war in Liberia. (343 8/11 Prath-FL)
 21650 1745 VR: EE: Schedule of Pope's visit to Africa. (243 8/3 Johnson-IL)

Poor Yugoslavia, no more room. Maybe next month. Thanks everybody! This was a ton of loggings, the most for me yet. I'm sweating! Remember, only European station sites.

AS



Jason E. Berri 21240 S. Western Ave # 18 Torrance, Ca 90501

USSR		Radio Moscow	Radio Kiev	Radio Tashkent	Radio Vilnius	Radio Yerevan
		Radio Station Peace and Progress				
4485	0925	R. Petropavlovsk-Petropavlovsk: RR; radio drama, pop mx, nx @ 0930 w/ ment of Baghdad (444 8/27 Scott-CA) (Johnson-IL)				
4930	2352	RM (DS2)-Ashkhabad: RR; class. mx, IS @ 2359, TP, ID in RR (222 9/4 Thornton-NJ)				
7315	0955	RM-Vladivostok: JJ; Nice jazz mx, W w/ "Kochirawa Mosuko hoso desu" ID & anmt @ 0958, ID, M ID & nx @ 0900 (242 8/18 Westenhaber-QU)				
9530	0715	RM-Okhotsk: RR; ID, W w/ pop mx (555 8/9 Findlater-CA)				
9670	0658	RM: RR; IS, ID, W/M talk @ 0700 (444 8/18 Findlater-CA)				
9755	1320	RM-Petropavlovsk: EE; "Science & Engineering" w/ listeners questions, nx in brief @ 1330 (333 8/4 Prath-FL)				
9810	0700	RM (DS2)-Blagoveshchensk: RR; ID, M DJ w/ pop mx (444 8/27 Findlater-CA)				
9810	1043	RM: RR; light inst. mx w/ M anmt @ 1053, 6 TP @ 1100, TC, into pgm "Radiostantsiya Yunost" - RR wld svc? (Not listed in the ILG -ed) (343 8/24 Westenhaber-QU)				
9880	*2330	RM: SS; IS, M/W tk + some nx (333 8/28 Findlater-CA)				
9885	1052	RM-Vladivostok: JJ; RR pop songs w/ W host, brief ID @ 1058 & IS, || 9895 (343 8/20 Westenhaber-QU)				
11675	0245	RY-Yevpatoriya: Armenian/EE; ID, nx abt Russian Federation parliament meetings (434 8/10 Cichorek-NJ)				
11690	0110	RM: EE; "Outlook" w/ rpt on Persian Gulf, || 12040 (322 8/10 Prath-FL)				
11730	2259	RM: EE; nx on Kuwait & Iraq, QRM de co-channel RCI (212 9/8 Carson-OK) (Findlater-CA)				
11790	1759	RM-Blagoveshchensk: RR; freq. anmts, ID, IS, class. mx (333 9/4 Reeves-OR)				
11900	2300	RM-Armavir: RR; s/on, ID, "Mayak" pgm, M nx, || 4765 (333 8/19 Prath-FL)				
11930	0300	RM: EE; nx, discussion of Gulf crisis (433 9/3 Carson-OK)				
11965	0800	RM-Kaunas: RR; Loretta Lynn's "Coal Miner's Daughter" w/ W cmtry (444 8/4 Findlater-CA)				
11980	2132	RSP&P-Kharkov: EE; economic ties w/ western countries (555 8/16 Leader-Ireland)				
11980	0734	RM-Kharkov: EE; interview w/ Ukrainian film director (555 8/17 Leader-Ireland)				
12000	1900	RM-Yevpatoriya: FF; IS, ID, M nx (444 8/19 Findlater-CA)				
12000	0215	RM-Kiev: RR; RR mx, ID, tk abt Gorbachev (555 8/4 Trescher-PA)				
12005	2345	RM-Tashkent: EE; "Focus on Asia & Pacific", || 17890 (322 8/10 Prath-FL)				
12010	0243	RM-Kazan: SS; class. mx, tk on Iran & Bulgaria, ID (555 8/4 Trescher-PA)				
12015	0500	RM-Alma Ata: RR; IS, ID, M tk, || 12000 (333 8/17 Findlater-CA)				
12020	0303	RM-Moscow: SS; IS, ID, sked, pop mx (555 8/4 Trescher-PA) (Findlater-CA)				
12025	1145	RM-Kenga: EE; mx, tk on Pushkin (333 9/1 Gaharan-LA) (Prath-FL)				
12040	2245	RM-Yevpatoriya: EE; "Vassily's Weekend" - pop mx pgm w/ crazy DJ (555 8/18 Fraser-MA)				
12050	0815	RM: RR; ID, M/W tk, || 11915 (555 8/28 Findlater-CA)				
12060	2033	RM-Vinnitsa: EE; pgm of opera mx selections (444 8/10 Levison-PA)				
12060	0352	RM-Vinnitsa: SS; ID, tk, pop mx, ID @ 0400 (555 8/4 Trescher-PA)				
13625	1950	RM: EE; pgm of pop instrumentals, ID @ 1958 (433 9/3 Westenhaber-QU)				
13645	0600	RM-Petropavlovsk: EE; IS, ID, RR scientists discussing use of fiber optics, || 13605 (555 8/23 Findlater-CA)				
13775	2350	RM-Kenga: CC; IS, ID, M tk (333 8/19 Findlater-CA)				
15130	1530	RY-Yerevan: Armenian; Armenian mx pgm on after end of AA pgm @ 1530 (343 8/7 Flynn-CA) (Findlater-CA)				
15130	2000	RM-Khabarovsk: EE; IS, ID, "News & Views" (555 8/18 Findlater-CA)				
15140	2344	RM-Frunze: EE; rpt on free elections in Cambodia, ID @ 2346 (333 9/3 Cichorek-NJ)				
15175	0100	RM-Frunze: SS; IS, ID, M tk (444 8/17 Findlater-CA)				
15285	1930	RM-Starobelsk: RR; IS, ID, pop mx pgm (333 8/20 Findlater-CA)				
15320	*0100	RM-Orsha: RR; IS, M/W nx, mx, || 15540, 15570, 17635 (333 8/28 Findlater-CA)				
15355	2213	RM-Kharkov: EE; "Moscow Mailbag", || 15290 (433 9/8 Carson-OK)				
15375	1805	RM: EE; tk abt possible job losses in USSR (222 9/4 Reeves-OR) (Prath-FL)				
15410	0553	RM: EE; opera mx, M ID, more mx, IS, ID, nx (233 8/29 -ed)				
15425	0610	RM-Petropavlovsk: EE; "Outlook", "New Market" (444 8/21 Scott-CA) (Reeves-OR) (Findlater-CA)				
15435	2100	RM-Vladivostok: CC; IS, ID, M tk (444 8/19 Findlater-CA)				
15455	2206	RY-Petropavlovsk: EE; nx, letter box, sports roundup @ 2221 (333 8/21 Carson-OK)				
15460	1200	RT-Tashkent: EE; s/on, ID, W nx, "Saturday Night" pgm (242 8/11 Prath-FL) (Cichorek-NJ)				
15460	1659	RM-Zhigulevsk: AA; IS, M ID "Huna Moskva", fanfare, freq list, nx (222 8/28 Park-HI)				

15475 0158 RM-Voronezh: SS; IS, ID, M tk (333 8/9 Findlater-CA) (Levison-PA)
 15485 2206 RV: EE; rpt on Lithuanian independence demands (212 8/2 Leyland-NZ) (Carson-OK) (Findlater-CA)
 15485 2320 RK: EE; ID, "Ukraine Today" (444 8/12 Scott-CA) (Reeves-OR) (Levison-PA) (Fraser-MA) (Cichorek-NJ) (Langlois-FL) (Findlater-CA) (Leader-Ireland) (A popular frequency this month. -ed)
 15500 1145 RM: EE; pgm of class. mx, || 11840 (343 8/25 Prath-FL)
 15525 2328 RK-Kiev: EE; ID, M/W various commentaries on several subjects (444 8/12 Findlater-CA)
 15535 2150 RM-Zhigulevsk: EE; "Vasily's Weekend", || 11730, 12040 (242 8/5 Prath-FL) (Findlater-CA)
 15535 2000 RM-Chita: RR; IS, ID, M tk (333 8/15 Findlater-CA)
 15540 0200 RM-Orsha: RR; IS, ID, M nx, || 15550 (333 8/8 Findlater-CA)
 15570 0200 RM-Vladivostok: CC; IS, ID, W tk (333 8/17 Findlater-CA)
 15580 2340 RM-Petrovsk: EE; tk abt Iraqi aggression (444 8/29 Reeves-OR)
 15595 2030 RM-Vladivostok: EE; ID, W tk on modern RR mx, || 15580 (444 8/19 Findlater-CA)
 15595 1630 RM-Kazan: AA; M ID, into nx items (433 8/24 -ed)
 17570 0800 RM-Tbilisi: EE; IS, ID, M nx (444 8/11 Findlater-CA)
 17575 2030 RM: FF; IS, ID, W tk (444 8/14 Findlater-CA)
 17585 1711 RM: EE; listener letters (444 9/9 Cichorek-NJ) (Cadorette-MA)
 17595 1715 RM-Starobelsk: EE; african svc w/ political tk, pop mx (242 8/18 Prath-FL)
 17615 0300 RM-Frunze: SS; IS, ID, M/W tk (333 8/5 Findlater-CA)
 17635 1315 RSP&P-Frunze: EE; tk abt changes in USSR, || 15180 (232 8/11 Prath-FL)
 17645 0000 RM-Komsomolsk: RR; IS, M tk (333 8/17 Findlater-CA)
 17655 1900 RM-Ivanofrankovsk: EE; IS, ID, sked, W nx (333 8/9 Findlater-CA)
 17660 0159 RM-Frunze: SS; IS, M ID, theme mx, freq, nx (222 8/31 Park-HI)
 17670 1649 RM: EE; mx, ID @ 1655, M nx @ 1700 (555 8/20 Gibson-AR) (Prath-FL) (Findlater-CA)
 17680 2000 RM-Kazan: SS; IS, ID, M/W tk (444 8/19 Findlater-CA)
 17695 2010 RM-Yevpatoriya: EE; "News & Views" (554 8/10 Janusz-NJ) (Johnson-IL) (Gibson-AR)
 17695 2200 RM-Khabarovsk: RR; IS, ID, M tk (333 8/3 Findlater-CA)
 17700 2300 RM-Yevpatoriya: RR; IS, ID, W nx, || 4765 (242 8/3 Prath-FL)
 17710 2159 RM-Kazan: RR; ID, IS, 2200* (444 8/3 Findlater-CA)
 17760 2300 RM-Ashkhabad: SS; IS, ID, M nx (333 8/9 Findlater-CA)
 17790 1157 RM: EE; s/on w/ sked, wld nx (443 8/27 Gaharan-LA)
 17835 1059 RM: Swahili; IS, W ID "Hili ni R. Moscow", nx (322 8/6 Park-HI)
 17890 0135 RM-Irkutsk: EE; "Moscow Mailbag" (444 8/8 Levison-PA) (Janusz-NJ)
 21475 1045 RM-Serpukhov: RR; W ID "Moskovsky radio", long tk abt Gorbachev/democracy, || 21465 (232 8/29 Westenhaver-QU)
 21505 1315 RM-Yerevan: EE; USSR & EEC, ID @ 1320 (423 8/1 Scott-CA)
 21545 0400 RM-Moscow: RR; IS, M/W tk, RR vocal mx, || 21505, 21830 (444 8/28 Findlater-CA)
 21625 0458 RM-Leningrad: EE; IS, ID, W nx @ 0500, || 21585 (444 8/9 Findlater-CA)
 21690 0300 RM-Vladivostok: EE; IS, ID, "News & Views" (555 8/18 Findlater-CA) (Reeves-OR)
 21740 1543 RM: EE; W w/ jazz show including versions of "Duke's Place" and "The Entertainer", || 17675, 17670, 17655 (222 8/31 Park-HI)

Relays

Plovdiv, Bulgaria: 11700, 11790
 Havana, Cuba: 11710, 11840

Schedules

R. Tashkent in English
 1200-1230, 1330-1400: 7325, 11785, 15460, 17740
 [SCDX2108 via Pinelands BBS]

R. Kiev in German
 1600-1700: 7150, 7240, 9600, 11780, 15125
 1900-2000: 7280
 RHC USSR relay on 9685: 2100 in French, 2200 in English (no length given)
 [SCDX2111 via Pinelands BBS]

Wow, what a turn out this month (127 loggings)! What happened to the summer doldrums? All site IDs are again from the z1990 ILG. Well, what do you think of the new look? I produced this column with a commercial typesetting package at work and printed on an Apple Laserwriter II - quite an improvement I think.

Thanks for all the comments/schedules/information you have been sending with your loggings, they are much appreciated. Several people have commented to me about SIO ratings recently. Personally, I take SIO ratings with a grain of salt, I prefer the SINPO scale over SIO since it is less subjective. I use the following extremes to help me scale SIO ratings: a 555 signal is equal to that of a local AM station - no interference, no fading, 10-20db over S9 on the meter on my R-2000 (as you might imagine, I don't rate many SW signals at 555 using this method). A 111 signal is totally unusable, there is a detectable carrier, but signal strength and noise/QRN prevent any copy of the program details (thus I never log a station at SIO 111).

That's all for this month. CU next time... -Jason



AFRICA

Paul Wakefield Box 188

West Branch, IA 52358

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

Welcome to the October edition of the SPEEDX Africa column. This month's loggings feature screaming vocalists, Chinese food, governmental corruption, and journalistic low blows, leavened with questionable puns. There will follow a selection of news items, schedule information, and the odd run-on sentence. And so...

ALGERIA

- 9509 2042 RTV Algerienne: SS: Rod Stewart & other Western pop & rock, hosted by W DJ (433 8/26 Thornton-NJ)
- 9535 2052 RTV Algerienne: FF: Western style mx- Pink Floyd type of guitar mx (444 8/26 Thornton-NJ)

ANGOLA

- 9535 2251 R. Nacional: PP: "B" prg- Hilife mx, M ancw w/"Nacional", @2255 multi-lingual ID's w/vibraphone, slow mx until 2300, carrier still there @2303 (322 8/15 Cichorek-NJ)
- 9719.9 0511 R. Nacional: PP: Angolan soft pop/EZL without a peep to 0600, then fanfare, ID, nx- tough after 0527 w/RN on 9715 (343 9/12 Quaglieri-NY)

ASCENSION ISLAND

- 6110 2327 BBC: EE: "English by Radio" w/*Goale, a drama series about soccer, sked for SS/PP prgs, 2329* (343 8/6 Westenhaver-PQ)
- 11820 2300 BBC: EE: IS, ID, "E-B-R" //11765 (444 8/19 Findlater-CA)
- 11860 0745 BBC: EE: "Network Africa", sports (444 8/20 Westenhaver-PQ)
- 15260 2335 BBC: EE: Multitrack mx prg (333 8/29 Reeves-OR)
- 15400 0430 BBC: EE: African nx, feature on South Africa, interview w/Nigerian rap musician (454 8/17 Johnson-IL)

BENIN

- 4870 2237 ORT du Benin: FF: Piano solo, @2244 M w/ID, tam-tam IS, tlk, mx, ID @2302 (322 8/14 Cichorek-NJ) @*0456 1k tone to 0459, orch NA, M "Ici Cotonou, Radiodiffusion du Benin", freqs, prg preview (353 9/11 Quaglieri-NY)

BURKINA FASO

- 4815 2327 RTV Burkina: FF: W & M in a play (322 8/23 Bishop-NY)

CAMEROON

- 4850 2338 CRTV: FF: Hilife mx, male vcls (333 9/3 Abbinante-IL) (Willers-Switz) (Thornton-NJ) (Cichorek-NJ) (Cadorette-WI) (Bishop-NY)

CHAD

- 4904.6 1855 RN Tchadienne: FF: Lively mx, ID, M w/nx (354 8/26 Willers-Switz) @0428 kids choral anthem, M "Ici N'Djamena Radiodiffusion Nat'l Tchadienne" (343 9/12 Quaglieri-NY) hilife mx, M w/interview (343 8/17 Johnson-IL)

CONGO

- 4765 1902 RTV Congolaise: FF: Nx, cmtry, Congolaise mentioned a lot //5985 under Moscow (343 8/12 Willers-Switz) @2243 lots of tlk, phone-ins, no ID @2300, tlk & mx (343 9/1 Cichorek-NJ)
- 15190 1516 RTV Congolaise: FF/Vern: Nx by 2 M, natl songs w/chorus, hilife (242 8/2 Flynn-CA) (George-MA) (Cichorek-NJ)

COTE D'IVOIRE

- 7215 2353 RTV Ivoirienne: FF: M DJ w/LA calypso style mx (424 8/22 Thornton-NJ) two M w/dialouge, vocals in vern, ID w/drums @2200, nx (333 8/30 Cichorek-NJ)

EGYPT

- 9475 0206 R. Cairo: EE: Prg "Egyptian Meal" w/recipe for oatmeal date squares (didn't know they had oatmeal in Egypt, hi!) (No. that's Rice Crispies and marshmallows that they don't have!-ed) (343 8/21 Westenhaver-PQ) (Johnson-IL) (Cichorek-NJ) (Cadorette-MA) (Findlater-CA)
- 9900 2225 R. Cairo: EE: Egyptian troops to Gulf (454 8/14 Leader-IRE) Soft mx. W w/ID, nx (343 8/18 Cichorek-NJ) Nx. "Here & There", ID (444 7/31 Willers-SWITZ)
- 11560 1804 R. Cairo(t): Farsi: M w/tlk on Mideast crisis, sounds more like RR, ute QRM 11562.5 (121 8/13 Park-HI)
- 12050 0327 R. Cairo: AA: AA mx, Holy Qu'ran prg (555 8/4 Trescher-PA) @2130 in AA, ID, tlk & mx (333 8/23 Findlater-CA)
- 15220 2345 R. Cairo: AA: Chanting, M tlk, 0048* (444 8/9 Findlater-CA)

EQUATORIAL GUINEA

- 6250 0510 RN de Guinea Ecuatorial: SS: W w/armts, hilife mx, SIO drops to 311 with Vatican R. *0520 on 6248 (333 8/6 Johnson-IL)
- 7189v 2122 R. Africa: EE: Close of rlg prg (433 8/23 Bishop-NY)

ETHIOPIA

- 7110 *0324 VO Ethiopia: Amharic: lk tone to 0326, lk IS (sounds like a Jack-in-the-box toy), M ID/skcd, another IS, M ID in another lang, three chimes from big clock, TC, nx- QRM from hams (CW) & unlicensed LAm net (SSB) (333 9/11 Quaglieri-NY)

GABON

- 4890 0424 RFI: FF: Two M alternate sports nx (343 9/12 Quaglieri-NY)
- 9580 2015 ANO: FF: Hilife mx (242 8/4 Johnson-IL) (Findlater-CA) (Cichorek-NJ)
- 11835 2315 R. Japan: EE: Intl enviromental meeting in Japan w/concern on global warming (554 8/24 Fraser-MA) (Cadorette-MA) (Leader-IRE) (Findlater-CA)
- 17475 1849 ANO: FF: Fast paced tlk between two M (352 8/18 A. Jones-TN) M reads nx in FF, into American rap mx (UGH!) (4:44 9/3 Thornton-NJ)
- 17630 1408 ANO: FF: W ancr- lively mx, slight fade, ran sync on wide (444 8/11 Cadorette-MA) (Findlater-CA)
- 21635 0018 R. Japan: JJ: Tik about USSR, Tokyo (222 8/30 Reeves-OR)

GHANA

- 3366 1920 GBC-2: EE: ID as "Radio 2", request show w/funky mx (353 8/21 Willers-SWITZ) M preaching to 2306* (433 8/25 Bishop-NY) M w/evening devotionals, "It is nearly 4 minutes past 11, goodnight until 5:30 on 3366 kHz" (433 9/4 Thornton-NJ)
- 4915 0600 GBC-1: EE: W w/nx, ID (332 8/4 Johnson-IL) @2240 M in vern, 2245 TC & ID by W in EE, nx in EE (222 8/27 Cichorek-NJ)

KENYA

- 4934 0200 VO Kenya: EE: W "This is the Voice of Kenya, Nairobi", choral NA, breif inspirational msg, mx, nx (222 9/12 Quaglieri-NY)

LIBERIA

- 15445 1726 VOA: EE: Tlk about Iraq crisis (333 9/3 Reeves-OR)
- 15600 1731 VOA: EE: "Music USA- Standard" (222 9/3 Reeves-OR)

LIBYA

- 15416 2200 R. Jamahiriya: AA: ID, M tlk, AA mx & vocals, some chanting, (444 8/20 Findlater-CA)

MADAGASCAR

- 15150 1451 RN: EE: "Media Network" w/Mideast radio update, Richard Ginbey rpt //17605, 17575 (433 9/6 Park-HI)
- 15560 1830 RN: EE: "Happy Station" w/mx to suit the Netherland's tropical weather (343 8/5 Fraser-MA)
- 15570 1727 RN: DD: IS, freqs, time signal (211 9/3 Reeves-OR)

MALI

- 4835 2343 RTV Maliienne: FF: M singing in vern (432 8/23 Bishop-NY)
- 5995 2305 RTV Maliienne: FF: Hilife, nonstop w/no anmt between songs until 2315 //4835 (equal strength) & 4783 (buried by ute) (343 9/5 George-MA)

11715 0302 RB: EE: World nx, ID, "News About China" //9690 (via Spain)
(545 8/22 Berri-CA)

15009.6 *0100 RB: Cantonese: IS, ID "Bajing kuangpo tientoi", then world
nx- splashed by DW-15105 (433 8/11 Westenhaver-PQ)

15100 0026 RB: EE: "Travel Talk", cooking show w/Julie- curried beef
(444 8/12 Cadorette-MA) (Cichorek-NJ)

17705 0033 RB: EE: Chinese volleyball team in World Cup championships
(444 9/3 Abbinante-IL)

MAURITANIA

4847 0639 RTV Mauritanie: AA: Chanting (prob Qu'ran recitations-
next day on 4848 (343 8/4 Johnson-IL)

MOROCCO

15205 2025 VOA: EE: Nx brief on Kuwait crisis (242 8/2 Johnson-IL)

15335 0000 RIV Marocaine: AA: AA mx w/M screaming vocals [I didn't know
that The Cramps recorded in AA- ed.]- no ID but freq ment of
Morocco & Rabat @0059* (333 8/13 Findlater-CA)

NAMIBIA

7189.4 0615 NBC(t): GG?: Inspirational mx (333 8/5 Johnson-IL)

NIGER

5020 0530 LV du Sahel: FF: M w/ID, mix of tlk & a variety of lcl mx
(454 8/19 D'Angelo-PA) *@0459 children singing NA, W w/s-on,
M w/Qu'ran (343 8/13 Johnson-IL)

NIGERIA

4770 2150 R. Nigeria-Kaduna: EE: Hymns, ID, TC (222 9/2 Cichorek-NJ)

4990 2305 R. Nigeria-Lagos: EE: Pres. Babangida denounces corruption in
govt //weaker 3326, 2307* (253 9/4 George-MA)

6050 2220 R. Nigeria-Ibadan: EE/Vern: Nice lcl vocals, W w/ID @2228
"This is R. Nigeria, Ibadan", NA @2306* (343 8/21
D'Angelo-PA) @2100 natl network nx (322 9/12 Quaglieri-NY)

7255 0501 VO Nigeria: EE: M w/ID, Afropops, sports (555 8/20 Gibson-AR)
Rock mx, listeners letters, mx from Cameroons & Nigeria (333
8/11 Brown-IL) IS, NA, s/on ID, prg preview (222 8/4
Neff-FL) Listeners letters, sports, nx (434 8/3 Carson-OK)
Cmtry on Kuwait invasion (443 8/5 Johnson-IL)

RWANDA

7255 0446 DW: EE: M recaps nx, W w/ID, freqs, next xmsn @0900, address,
M w/xmtr ID, 0450* (252 9/11 Quaglieri-NY)

15270 0218 DW: GG: W w/cmtry, M & W ID @0230 theme "Around the World"
(343 8/20 Cadorette-MA)

SEYCHELLES

11860 1815 FEBA: Amharic: Mx & M anmt, IS, 1833* (242 8/5 Johnson-IL)

11865 1520 FEBA: EE: W tlk between songs, ment FEBA (322 8/3 Bishop-NY)

SIERRA LEONE

3316 2331* SLBC: EE: S/off info & NA (232 8/26 Bishop-NY)

SOMALIA

7198.2 0351 R. Mogadishu: SM: Nice vocal mx by W/orch. M w/Mogadishu
reference, more mx, fades quickly after 0400 (333 9/11
Quaglieri-NY)

SOUTH AFRICA

3215 0325 R. Oranje: AK/EE: Light pop mx, tlk & ads in AK & EE, ID
@0328 (333 8/16 Karcheski-MA)

3320 0034 R. Orion: AK/EE: Light rock, EZL mx (333 8/1 Karcheski-MA)

5960 1644 R. RSA: Chichewa: Two M w/discussion, many ment Suid-Africa,
QRM de Malaysia 5965 (434 8/10 Park-HI)

7270 0423 R. RSA: PP: IS, EE/PP ID, fanfare, nx //5960 (434 8/18
Park-HI) (Quaglieri-NY)

11790 0354 R. RSA: FF: IS, ID in EE, nx (333 8/25 Carson-OK)

15220 2000 R. RSA: PP: IS, ID, pop mx (555 8/18 Findlater-CA)

15365 1757 R. RSA: FF: IS, nx (323 8/23 Lukas-NY)

17745 1927 R. RSA: FF: Mx selections, "Down on the Corner", several
selections of African rhythms (222 8/24 Levison-PA)
(Findlater-CA) (Johnson-IL)

- 17815 0600 R. RSA: FF: IS. ID. pop mx (444 8/6 Findlater-CA)
- SUDAN**
11710 1530 R. Omdurman(t): EE: EE nx by W. mant ment "Sudan" but no ID heard (222 8/19 Flynn-CA)
- TOGO**
5046.5 0528 RTV Togolaise: FF: Soft chime melody IS. NA. M tik in FF. then a hymn (343 8/5 Johnson-IL)
- TUNISIA**
11550 2135 RTV Tunisienne: AA: AA mx w/M vcls. M takes phone calls (343 8/26 Abbinante-IL) Exotic mx w/W vcl. M chorus. lots of drums (454 8/10 Johnson-IL) M singing w/flute accompaniment AA version of aria from "Barber of Seville" (better than the Bugs Bunny version-hi!) [should this version be called the "Berber of Seville? sorry-ed.] (433 9/4 Westenhaver-PQ)
- UGANDA**
4976 2010 R. Uganda: EE: Country and jazz mx. @2029 ID "Hallo and Welcome to R. Uganda Intl" (342 8/13 Willers-SWITZ)
- CLANDESTINES & UNID**
5015 *0430 R. Truth: EE: Bird chirps IS. W w/ID "Hello, listeners. welcome to another program in the English language service of R.Truth". M. W w/nx (343 8/19 D'Angelo-PA) (Quaglieri-NY)
7100 2025 VO Black Cockerel: EE: M & W tik about Angola & Namibia, end of EE @2045- I have heard this station in FF & PP (343 8/21 Willers-SWITZ)
9700.1 *0457 A Voz de Resistencia do Galo Negro: PP: IS (alternating guitar/cock crow/ M ID) to 0500, woozy brass band anthem, M w/"Carissima auditorio...muito bom dia". rousing a capella march, opening anmts, freqs. into usual upbeat ax-grinding [hit'em low, but keep smiling:-ed.] (433 9/12 Quaglieri-NY)
11710 1335 R. SPLA: AA/EE: Mostly M tirades interspersed w/patriotic mx. @1358 mx, M switches to EE "you have been listening to a transmission by R. SPLA, the Voice of the Sudanese Revolutionary Armed Struggle". then anmt of prg @1400 in EE/AA on 31mb. 1359* (353 9/11 Quaglieri-NY)

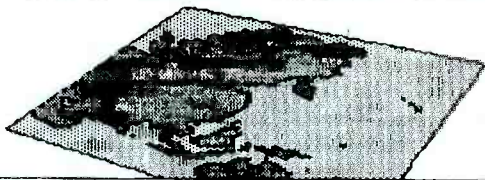
DX News: Namibia- the Namibia Broadcasting Corporation now broadcasts it's English program from 0430-0530 on 3270 and 3290 kHz, and 0530-0600 on 7165 and 7190 kHz. There are also English segments between 1930 and 0400 on 3290 (SCDX 2109, via the ANARC BBS).

Clandestine: Voice of the Broad Oromo Masses is reported between 1500-1530 on 9316 kHz, and 0400-0530 on 7886 kHz. These broadcasts are via the Voice of the Ethiopian People for Peace, Democracy, and Freedom, which follows at 0430-0530 and 1700-1800. The same transmitters also carry the Voice of the Tigre Revolution between 0530-0615 and 1530-1615 (via RCI's SWL Digest). [Look, when the line ends, it ends!- ed.]

Japan: An abbreviated schedule for Radio Japan's transmissions from the Moyabi relay is as follows: to Europe on 21690 kHz- 0500-0530 in Russian, 0530-0600 in Swedish, 0600-0630 in German, 0630-0700 in French, and 0800-0900 in English. 21640 kHz has German from 2000-2030 and French from 2030-2100. English to Europe can be heard at 2300 on 11835 kHz, and English to the Middle East at 1500 on 21700 (SCDX 2109).

Computer submissions: Those of you with computers and modems may leave loggings on the ANARC BBS (913/345-1978). There is a wide range of information available for the SWL and ARO, and it's well worth the long-distance charges to check it out. Two other boards with extensive shortwave sections I'd recommend are the OPUS Detroit BBS (313/649-6213) and New Jersey's own Pinelands BBS (609/859-1910). All three of these boards participate in the national shortwave echo conference, so you'll see messages from all over the country.

Thanks to all contributors for a fine selection of loggings. Special thanks to these first-time contributors under my regime [so it's only my fourth column, so sue me]: Joseph Gibson-AR, Patrick Leader-IRE, Phil Abbinante-IL, Jason (Mr. USSR) Berri-CA, and my esteemed predecessor Al Quaglieri-NY.



ASIA/OCEANIA

William Westenhover
3525 Aylmer St., #610
Montreal, Quebec, Canada
H2X 2C1

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

Welcome to the October column! Again this month, people have been busily monitoring broadcasts from the Gulf region, as the Iraqi occupation of Kuwait continues. There have been interesting things to hear, and a few of last month's questions have been answered. On to the loggings!

AFGHANISTAN

Radio Afghanistan

9635 1913 RA: EE: M nx abt Afghanistan; lcl mx; frequent ID's; //15510 (via Soviet relay+ed.) (542 8/11 Willers-SW) (Nice one!-ed.)

AUSTRALIA

VLM/VLQ Brisbane VLW Wanneroo Radio Australia

4920 1123 VLM4: EE: Yodel mx w/cowboy crooner (323 8/3 Johnson-IL)
6140 1113 VLM6: EE: Horse racing cmty (333 8/3 Johnson-IL)
9660 0730 VLQ9: EE: Nx of debate abt daylight saving time in Australia; financial rpt (232 8/13 Scott-CA)
15425 0805 VLW15: EE: Tlk abt film/TV festival in Kalgoorlie; ID "This is ABC regional radio" (423 8/20 Scott-CA)

This month's numerous RA loggings (in EE unless otherwise noted): 9580 by Brown-IL, Gibson-AR, Karcheski-MA, Scott-CA, ed.; 9710 by Findlater-CA, ed.; 11765 in CC by ed.; 11800 by Johnson-IL; 11855 in EE by Reeves-OR and in IN by Cichorek-NJ, ed.; 13705 by ed.; 13745 by Gibson-AR; 15240 by Gaharan-LA; 15320 by Gibson-AR; 17630 by Cichorek-NJ, Famularo-JP, Reeves-OR, Wolfson-OH, ed.; 17715 by Cichorek-NJ; 17795 by Neff-FL; 21740 by Levison-PA, Scott-CA.

BANGLADESH

Radio Bangladesh

15195 *1230 RB: EE: IS; "This is the General Overseas Service of Radio Bangladesh"; nx/cmty (333 8/11 Johnson-IL) @ 1237 w/nx; ID; cmty condemning invasion of Kuwait; on top of co-chan RFI in EE (fr 9/3 Famularo-JP) @ 1252 w/nx; vcl; ID (122 9/8 Cichorek)

CHINA

Radio Beijing Central People's Best Stn RCI relay

7190 0017 RB: (1)HAKKA: Tlk abt Gulf countries (533 8/24 Trescher-PA) (Did you get an ID, Fred?-ed.)
9855nf 1052 RB: JJ: Px of CC string inst mx; @ 1102 into long chatty M/W dialogue; //11515 (343 8/20 ed.)
9920 2026 RB: EE: Presentation of prizewinning song in pop competition (533 8/12 Leader-IR)
11100 1113 CPBS-1: CC: W nx; mx bridge; mix of W tlk and CC classical mx (232 8/17 Cichorek-NJ)
11330 1145 CPBS-1: CC: CC mx; M/W tlk; @ 1200 TP and M ID; //12120 (242 8/18 Prath-FL) @ 1215 w/M tlk (253 8/3 Johnson-IL)
11600 1203 RB: EE: Nx items abt Gulf; casual ID's (343 8/17 Cichorek-NJ)
11755 0940 RB: EE: Inst mx; CC lesson; @ 0955 ID/frqs for SPac and off (333 8/26 Cichorek-NJ)
11925 1152 CPBS-1: CC: Classical CC vols; @ 1200 5 TP; M ID; inst mx bridge and (p)nx (232 8/17 Cichorek-NJ)
15225 1714 RB: EE: Tlk abt Sino-Soviet relations (232 9/3 Reeves-OR)
15385 1259 RCI: EE: W ID; w/IS; opening anmts; nx; rpts on Mohawk crisis in Quebec; very fluttery, w/QRMoscow co-chan (222 8/29 ed.)

COOK ISLANDS

Radio Cook Islands

11761 0700 RCI: EE: ID; W hx; Polynesian mx; weak but audible (222 8/2 Findlater-CA) (I wish it were "weak but audible" here; this one has constantly eluded me over the years.-ed.)

CYPRUS BBC WS relay British Forces Best Service relay
 7135 0215 BBC: EE: ID: "Newsreel" (432 8/22 Trescher-PA) (This frq is from UK until 0200, and from Cyprus thereafter-ed.)
 15195 1329 BFBS: EE: IS (fantasia on "Rule Britannia"); ID/s/on anmt; then DJ mx request show; satellite delay compared to //frqs 17695, 21735 (232 8/20 ed.)
 15390nf 1331 BFBS: EE: Rap song; DJ chat ment this nf //17695, 21735; then more mx requests; heavy QSB (332 9/6 ed.)

FRENCH POLYNESIA RFO Tahiti
 15170.7 0840 RFO: FF: FF pops w/2 M DJ's (333 8/25 Thornton-NJ) on 15170.8 w/Latin mx (1); tlk abt Gulf; ID @ 0359 (433 8/17 Wolfson-OH) (Also logged by Cichorek-NJ, Johnson-IL)

GUAM KTWR KSDA
 11805 0942 KTWR: EE: "Insight for Living"; ID; DW QRM de 0959 (333 8/22 Brown-IL) @ 0920 w/"Quest" Bible study px (554 8/5 A. Jones-TN) @ 0905 w/tlk abt being born again (544 8/26 Leyland-NZ) (Welcome!-ed.) (Also hrd by Scott-CA, Thornton-NJ, ed.)
 15485 2100 KTWR: CC: ID; then M tlk (333 8/23 Findlater-CA)

HONG KONG BBC WS relay
 17830 0000 BBC: EE: ID/TC; "Newsdesk" px (322 8/20 Cadorette-MA)

INDIA All India Radio
 6140 1523 AIR: ??/EE: Tlk in unid lang till 1530, when EE M ID/world mx (pr-fr 8/28 Famularo-JP)
 11620 2228 AIR: EE: Hindi mx; @ 2230 quick s/off w/M saying "Goodbye" (343 9/5 Abbinante-IL) (Welcome back, Phill-ed.) @ 2109 w/conty on Liberia (444 9/8 Cichorek-NJ) @ 2050 w/nx of Gulf situation (444 8/26 Thornton-NJ)
 15335 1035 AIR: EE: "Faithfully Yours" mbg px w/chatty M/W hosts; QRM de RM-15330 in CG; //17387 (SIO 243) (232 8/20 ed.)

IRAN Voice of the Islamic Republic of Iran
 6035 *1930 VOIRI: EE: Frq anmt; Qur'an reading; ID; //9022 (444 8/8 Willers-SW)
 11930 0215 VOIRI: SS: ID; W tlk; //9022 (333 8/22 Findlater-CA)
 15084 2130 VOIRI: AA: AA mx; M ID/tlk; faint bubble jammer (333 9/2 Abbinante-IL) @ 0137 in SS w/ID; nx abt Iraq; killer signal--nearly 60 dB over! (555 8/10 Johnson-IL) @ 0158 w/nx of Iraq/USA; AA mx (555 8/7 Trescher-PA) @ 1712 in FARSI w/mx bridges; M/W tlks (211 9/3 Reeves-OR)

IRAQ Radio Baghdad
 11860 2105 RB: EE: "To all the American soldiers in the Saudi Arabian desert..." w/M/W telling soldiers what is best for them! (232 8/21 Willers-SW) (Nice one, Steven! This hasn't been making it across the Atlantic. The sked for these 2-hour blasts to the US troops, per DXLD #28, is *1000, *1600, *2000 on 11860.)
 13660 2009 RB: EE: Comments justifying the Iraqi invasion of Kuwait (343 8/2 Johnson-IL) (Other rpts of similar px on 8/2 or 8/3 from Bishop-NY, Karcheski-MA, Lukas-NY.) By 8/4, they were warning the world not to interfere with the invasion--loggings from Prath-FL, Wolfson-OH. On 8/5, George Neff-FL hrd them announcing a troop withdrawal from Kuwait, which didn't last long--on 8/9, Ed Cichorek-NJ hrd them talking about their rightful claim to Kuwait. Warnings against US aggression, and Saudi-US cooperation, began around this time--8/7 Langlois-FL, 8/10 Brown-IL. As the "sitzkrieg" continued, people began to notice the more bizarre side of RB's px--on 8/22, Don Thornton-NJ hrd them playing "I'd Like to Teach the World to Sing," and ye ed. hrd them playing "Sowing the Seeds of Love" on 9/6. Most bizarre, perhaps, was the US-accented ham who came up on 13660 @ 2151 on 9/9 to give Saddam Hussein a piece of his mind. Stay tuned to this frq, folks!
 13680 1959 RB: AA: Bells to 2000, when M nx ment George Bush (232 8/16 Cadorette-MA) @ 2220 w/AA mx; occ M tlk/discussion (444 9/5 Abbinante-IL) @ 2124 in EE w/AA/Western mx; mbg px (444 8/24 ed.) (EE on this frq was a one-day wonder, since the xmtr on 13660 went haywire around 2100.)
 15150 1940 RB: AA: Exotic mx and brief comments; //15170 was SIO 333 (212 8/3 Johnson-IL) (33)

Ye ed can be a Bear of Very Little Brain sometimes; I forgot to mention my own loggings of RB in EE on 11755nf (0155 UTC on 9/13--this frq may replace announced 11810 to India/Pakistan--hrd once only) and 11830 (0146 on 9/18, playing song "That's What Friends Are For"--this frq beamed to NAM, but not hrd well here until early September.)

ISRAEL Kol Israel hrd as follows, in EE unless otherwise mentioned: 9435 by Brown-IL, Johnson-IL; 11605 by Abbinante-IL, Gaharan-LA, Scott-CA; 12077 by Abbinante-IL; 15640 by Bishop-NY, Fraser-MA, Neff-FL, Reeves-OR, Saarikko-NY; 15650 by Famularo-JP; 17590 by Brown-IL, A. Jones-TN; 17630 by Reeves-OR in (p)RR.

JAPAN Radio Japan logged as follows this month, in EE unless noted: 11865 by Gibson-AR (Welcome to the column, Joseph!-ed.); 15270 by Thornton-NJ; 17810 by Scott-CA; 21500 by Leader-IR, and in II by Findlater-CA; 21610 in JJ by Reeves-OR.

JORDAN Radio Jordan

9560 2155 RJ: AA: W AA vol mx; @ 2200 beep, M ID/nx (233 8/26 Abbinante-IL) (Other loggings in AA between 2023 and 2305 by Johnson-IL, Prath-FL, Thornton-NJ. The latest sked from the stn--thanks to John Carson-OK, lists EE on this frq as ending 1630*.)
11955 0330 RJ: AA: ID; then continuous AA mx (444 8/6 Findlater-CA)

KOREA, D. P. R. This month, Radio Pyongyang was logged, in EE unless otherwise noted, on: 9220 in AA by Findlater-CA; 9345 by Willers-SW; 9645 by Findlater-CA, ed.; 9977 by Cichorek-NJ; 13180 by ed.

KOREA, REPUBLIC OF Radio Korea

7275 1120 RK: EE/CC: ID; EE nx to 1130, when into CC (322 8/1 Scott-CA)
9750 1225 RK: EE: M tlk abt Kuwait crisis (444 8/3 Johnson-IL)
15575 0001 RK: EE: ID/sked; nx of Gulf crisis (322 8/17 Brown-IL)

KUWAIT Radio Kuwait Radio Baghdad relay

13610 1817 RK: AA: Mx w/anmts asking for help during Iraqi invasion (353 8/2 Lukas-NY) Same thing, same date, @ 2000 by Johnson-IL and @ 2018 by Bishop-NY, both of whom noted this frq //13620.
15495 1952 RB: AA: 2 M interview; AA mx; @ 2000 Westminster chimes; ID "Idha'atu al-jumhuriya al-iraqiya"; then nx w/same theme mx as RB's opening EE nroast; also hrd on //13610 and 13680 (343 9/3 ed.) (Richard Meesham, Manager of the BBC's World Best Information; said that the Kabd xmttr site in Kuwait came back on air abt 8/27, relaying RB services.-ed.)

LEBANON King of Hope Voice of Lebanon

6280 0243 KOH: AA: W reciting a story over soft mx (333 8/13 Johnson-IL) on 6280.2 @ 2100 in EE w/"This is the King of Hope"; TC; frq anmt; rig tlk (353 8/15 Willers-SW)
6549.3 1910 VOL: AA: AA mx; FF ad; nx 1915-1920; pop mx followed by tlk; good reception! (344 8/26 Willers-SW)

MARIANA ISLANDS KHBI

9530 0855 KHBI: EE: List of cities in Australia/EAsia w/Christian Science church services (222 8/25 Thornton-NJ)
13625 1500 KHBI: EE: Nx; px "Curtain Call" (333 8/1 Flynn-CA)
15610 0859 KHBI: FF/EE: ID "à partir de KHBI, Saipan" and sked for FF bcsts; then into EE w/ID and "Herald of Christian Science" px (242 8/5 ed.)

MONGOLIA Radio Ulan Bator

12015 1020 (t)RUB: CC: Px of CC classioal mx w/W anor (333 8/27 Scott-CA) (I hope it was them, Val, but watch out--R: Beijing has been known to use this frq in CC and CC dialects around this time of day.-ed.)

NEW ZEALAND Radio New Zealand International

9855 0730 RNZI: LANGS/EE: Px in Maori and Pacific Island langs; EE nx @ 0800 (555 8/18 Findlater-CA) @ 0826 w/"Saturday Scrapbook" feature on Carmen Miranda (444 9/1 ed.)

(More RNZI on the next page. Has anyone heard ZLXA, Print-Disabled Radio, on 3935 kHz yet?)

NEW ZEALAND continued....

- 15485 1755 RNZI: EE: Scripture reading, hymn, ID (555 9/4 Reeves-OR) @ 2000 w/ID; mx px by Arthur Lyman Group (444 8/15 Findlater-CA) @ 2000 w/TP; nx read by Ian Morrison; faint KTWR IS underneath (232 9/9 ed.) @ 1810 in MAORI w/nx; then EE ID (232 8/3 Johnson-IL)
- 17675 0415 RNZI: EE: ID; stock market rpt (343 8/3 Neff-FL) @ 0423 w/ financial nx; px of SPac mx (555 8/23 Gibson-AR) @ 0228 w/ game cmt; TC @ 0230 (232 8/12 Cadorette-MA) (Also logged by Brown-IL, Cichorek-NJ, Johnson-IL, Scott-CA.)

OMAN BBC WS relay

- 9580 0200 BBC: EE: World nx; review of British press (252 8/23 Lukas-NY)
- 17830 1120 BBC: IN: W long tlk w/translation of EE inserts; M tlk; @ 1129 brief ID; under RMWS; //11955 (Singapore), 21735nf (site unID) (222 8/29 ed.)

PAKISTAN Radio Pakistan

- 15515 1133 RP: HINDI: Subcontinent mx; @ 1140 "typewriter song"; w ID/nx (fr-gd 9/1 Famularo-JP)
- 15609.4 1739 RP: EE/URDU: Subcontinent vocal mx to 1759; EE ID; then into Urdu w/nx (212 9/3 Thornton-NJ) on 15605 @ 1612 w/M nx abt Pakistan; "typewriter song"; ID and sked; then slow-speed nx (322 8/24 Berri-CA) @ 1615 w/comment on Pakistanis in Iraq; //17555 (SIO 333) (422 8/28 Johnson-IL) @ 1702 in URDU w/(p) nx w/frequent ID's; then swashbuckling vcls (242 8/6 ed.)
- 17554.2 1623 RP: EE: Cnty abt Iraq/Gulf crisis; tlk abt Pakistani provincial elections; ID @ 1630* (222 8/28 Cichorek-NJ)

PAPUA NEW GUINEA

- 3385 1020 R. East New Britain: VERN: Island mx w/country-western flavour; @ 1100 drums and M ment PNG (333 8/3 Johnson-IL)
- 4890 0825 (t)NBC Port Moresby: EE: M tlk; @ 0830 football scores; messages; too much noise to hear much (212 8/20 Scott-CA)

PHILIPPINES Far East Best Corp Radio Veritas Asia VOA relay

- 9800 0939 FEBC: EE: Nx; ID "You are listening to FEBC"; ad for leaflet; another ID and into mbg px (312 8/27 Scott-CA)
- 11840 2300 RVA: JJ: EE ID; then w JJ tlk (444 8/27 Findlater-CA)
- 17790 1530 VOA: CC: "VOA Editorial"; then other M tlk (222 8/11 A. Jones-TN) (There's no mistaking that editorial theme mx, eh?-ed.)

SINGAPORE BBC relay

- 11955 1108 BBC: IN: World nx; @ 1111 W tlk w/many ments Irian Jaya (232 8/17 Cichorek-NJ)
- 15310 1720 BBC: EE: "My Music" game show (222 9/3 Reeves-OR)

SOLOMON ISLANDS Solomon Islands Best Corp

- 5020 0932 SIBC: EE: W tlk; flute mx; @ 0959 recheck found island vcls; M ID @ 1000; splashed by Rebelde (211 8/28 Cichorek-NJ)
- 9540 0650 SIBC: EE/PD: Polynesian mx; local ads (444 8/19 Findlater-CA) @ 0733 w/tlks on NZ assistance to Solomons/plans for National Museum in Honiara (322 8/13 Scott-CA)

SRI LANKA Sri Lanka Best Corp

- 11835 1117 SLBC: EE: Pop mx px w/M host; @ 1123 ID (222 8/1 Cichorek-NJ)
- 15120 1850 SLBC: EE: M time/frq sked w/request for rpts to SLBC, Box 574, Colombo (333 8/2 Findlater-CA) @ 1845 w/nx mainly abt SL; "This is the World Service of the Sri Lanka Broadcasting Corporation" (333 8/3 Willers-Sw)
- 15425 0207 SLBC: EE: ID; nx abt new nx px for the Islamic community; heavy QRMoscow (222 9/4 Brown-IL)

SYRIA Radio Damascus

- 12085 2005 RD: EE: W/M nx of US/Arab world (333 8/7 Langlois-FL) @ 2033 w/historical tlk on Damascus (433 9/8 Cichorek-NJ) @ 2040 w/ ID; Mideast mx (222 8/22 Brown-IL)
- 15095 2006 RD: EE: W cmt; fanfare; discussion of Qaddafi/Mideast summit (222 8/11 A. Jones-TN) (Also logged in EE by Brown-IL, Cichorek-NJ, Johnson-IL; in GG by Reeves-OR; in SS by Karcheski-MA.)

TAIWANVoice of Free China

11915 1505 VOFC: VV: W w/(p)nx cnty; @ 1516 vol mx; much QRN (443 8/15 Gibson-AR)

THAILANDRadio Thailand

9655 2331 RT: EE: M tlk abt food; frq anmt; commercials; ID (343 8/18 Willers-SW)

TURKEYVoice of Turkey

9445 2245 VOT: EE: Tlk abt 36-member ensemble from Georgia performing in Anatolia (544 8/11 Leader-IR) @ 2235 w/"DX Corner" (454 8/18 Fraser-MA) (Also logged in EE by Brown-IL, Cichorek-NJ; and in Turkish by A. Jones-TN, Langlois-FL.)
 9460 1930 VOT: TK: Turkish mx; W nx @ 2000 (333 8/23 Findlater-CA)
 9665 2245 VOT: EE: Px of Turkish folk songs; //9445, 17880 (322 8/25 Prath-FL)
 9685 0149 VOT: TK: Turkish vols w/M or W anmts between cuts; splashed by Portugal-9680; //9445 (333 8/21 ed.)
 9795 2000 VOT: EE: Nx; review of Turkish press (444 8/16 Willers-SW)
 17880 2253 VOT: TK: IS w/ID's; NA; W anmt; @ 2300 TP and tlk (fair 8/17 Famularo-JP) @ 0306 in EE w/comments on invasion of Kuwait (323 8/3 Johnson-IL)

UNITED ARAB EMIRATESVO UAE Abu DhabiUAE Radio Dubai

11815nf 2340 VOUAE: AA: Long AA vols w/occ anmts; //11965, 13605 (433 8/29 ed.) (Still no EE at this time--see 13605 below.-ed.)
 13605 2355 VOUAE: AA: Energetic M AA vol; some bleed over from RBI on 13610 (333 9/3 Abbinante-IL)
 21605 1350 RD: EE: Px on buildings of Istanbul; ID (444 8/5 Karcheski-MA) @ 1600 w/classical mx; into nx on Arab summit (333 8/8 Langlois-FL) (Also logged in EE by Cichorek-NJ, Prath-FL, Willers-SW)
 21675.1 1501 RD: AA: Mix of AA vols; 2 M studio discussion and taking many phone calls; finally ID @ 1554; //21605.1; why would Dubai start using an old Kuwait frq? (333 9/17 ed.)
 21700 0540 RD: EE: Rpt on ceremonial swords and daggers (433 8/11 Leyland-NZ)

VIETNAMVoice of Vietnam

5920nf? 1430 VOV: VV: Mx; ID "Day la dai tieng noi Viet Nam"; nx; this frq unlisted in WRTH or ILG (343 9/1 Ashimori-JP) (Nice one, Tsunaaki-san! Hope you're feeling better!-ed.)
 15010 2038 VOV: EE: W nx; ID (242 8/2 Johnson-IL) @ 1709 in VV w/W tlk; synthesizer mx (222 9/3 Reeves-OR)

YEMENRadio San'a

5950 1652 (t)RS: AA: W Mideast vols; anmt @ 1702; then more mx (222 8/19 Park-HI)
 9779.6 2055 RS: AA: Trad AA mx; M nx; Qur'an; NA; 2114* (242 8/26 Johnson) (Does anyone know the new official name for the united Yemen?-ed.)

CLANDESTINE

6325 *2228 VO KHMER: ??: IS played on some sort of organ; @ 2230 3 TP; W tlk; Buddhist chants; lcl mx; audible only w/narrow filter of NRD-525 (342 8/18 Willers-SW)
 9730 1545 HOLY MECCA RADIO: AA: AA mx/tlk hrd under bubble jammer; per 8/16 "Media Network", this is from Iraq but source of jamming unknown (poor 8/16 Famularo-JP) (This has apparently since moved to 9720 kHz.-ed.)

One last note on Iraq: While typing the column on 9/18, I heard RB's *1900 GG and *2000 EE beeps on new 13600, instead of 13660--a one-day thing, or something permanent??

Finally, could I ask all of you to please get your loggings in to me (or to the CDE) in plenty of time! The best loggings in the world aren't much help if they arrive too late to be used!

Thanks for all your contributions--bye-bye for now!

73-Bill

QSL REPORT



Ray Forsgren 4856 Inlet Drive Chippewa Falls, WI 54729

AFRICA

- ASCENSION ISLAND VoA Relay: 21490 f/d x'mitters cd in 15 ds after f-up. (D'Angelo-PA).
- EQUATORIAL GUINEA R Africa: 7189 f/d Logo cd w/ sked in 14 ds via CA address. (D'Angelo-PA).
- MALI R Beijing Relay: 17705 f/d ornaments cd w/ papercutting in ?? ds. V/S Fan Fuguang. (Brown-IL).
- SOUTH AFRICA Radio RSA: 9615 f/d Lions cd in 37 ds. (Cichorek-NJ).

ASIA

- BANGLADESH R Bangladesh: 15195 n/d Tiger cd w/ "bangladesh Calling" in 23 ds for \$1. V/S Munshi Ahsan Kabir. (Bagozzi-CA).
- CHINA R Beijing: 11515 f/d Silk Figure cd w/ sked in 24 ds. (Willers-SW).
- HONG KONG BBC Relay: 21715 f/d Night View cd in 19 ds for 2 ircs. (Cichorek-NJ). f/d cd in 20 ds for \$1. (Seymour-WC).
- INDIA AIR: 11620 f/d Chortun cd in 46 ds for an irc. (Johnson-IL).
- ISRAEL KOL Israel: 11605 f/d Logo cd w/ form in 38 ds. (Bishop-NY).
- SINGAPORE SEC: 11940 f/d Skyline cd in 41 ds. (Bagozzi-CA).
- SOUTH KOREA R Korea: 15575 f/d Hens Nest (??) cd w/ sked & mag in 35 ds. (Willers-SW). p/d Old Korea cd in 52 ds. (Bishop-NY). 15595 f/d cd w/ skeds in 90 ds for a Tri rpt & 2 ircs. (Hunt-FL).
- TAIWAN BCC FM #1 Relay, Taipei: 11885 & 15125 f/d Duck cd w/ goodies in 28 ds...gave no info about this service though. (Flynn-CA).
- TURKEY VoT: 9445 f/d cd w/ stickers & sked in 25 ds after f-up. (OH-Weber). 9460 f/d Flag cd in 39 ds for a Tri rpt (Hunt-FL).
- U.A.E. R Dubai: 15400 f/d Map cd in 40 ds for an irc. (Johnson-IL).

EUROPE

- ALBANIA R Tirana: 7155 p/d Apolonia cd w/ sked & mag in 24 ds. (SW-Willers).
- AUSTRIA RAI: 21490 f/d Schobrunn Palace cd in 64 ds. (Leader-IR).
- CZECHOSLOVAKIA RPI: 7345 f/d Chateau cd in 68 ds for an irc. (Carson-OK).
- G.D.R. RBI: 11890 f/d Erfurt cd w/ GDR Review in 38 ds for an irc. (Carson-OK). f/d Blaupunkt receiver cd w/ club bulletin in 68 ds for an irc. (Carson-OK). 13770 f/d cd w/ stickers & pennant in 35 ds for an irc. (Carson-OK).
- GREAT BRITAIN BBC: 12095 p/d ltr w/ sked in 140 ds after 3rd f-up (Hunt-FL).
- ITALY Voice of Europe: 7540 n/d DIY cd w/ info in 92 ds for 2 ircs. Came .47¢ postage due!! (Karcheski-MA).
- NETHERLANDS RN: 6020 p/d Dish cd in 24 ds. (Brown-IL).
- POLAND R Polonia: 9540 f/d Warsaw cd w/ sked in 28 ds. (Willers-SW).
- PORTUGAL RPI: 9600 f/d Ship cd w/ goodies in 22 ds for 2 ircs. (NC-Seymour). 9705 f/d cd in 41 ds. (Brown-IL). 11740 f/d cd w/ sked in 32 ds. (Willers-SW).
- ROMANIA RRI: 11940 f/d Manuc's Inn cd w/ sked in 6 mo. (Willers-SW).
- SPAIN REE: 9630 f/d Barcelona cd w/ sked & form in 63 ds. (Bishop-NY). 11880 f/d Sevilla cd w/ pennant, sked & form in 72 ds. (Bishop-NY).
- SWEDEN RSI: 9615 f/d Stockholm cd in 8 ds. V/S A. Sjolom. (Willers-SW). 11705 f/d Millesgarden cd in 32 ds. (Brown-IL).
- SWITZERLAND SRI: 6135 f/d St. Gallen cd in 45 ds. (Brown-IL). 9885 f/d Liestal cd in 32 ds. (Brown-IL).

VATICAN CITY R Vaticana: 21650 f/d x'mitter cd w/ photo & sked in 31 ds for a tri rpt & an irc. (Hunt-FL).
WEST BERLIN RIAS: 6005 p/d cd w/ postcard, stickers, skeds & ltr in 21 ds after f-up for 2 ircs. (Weber-OH).
YUGOSLAVIA R Novi Sad via RY: 9620 f/d cd in 23 ds after f-up. (PA-D'Angelo).

USSR

R Baku: 4958 f/d plain paper cd w/ many goodies in 7 mo. (Karcheski-MA).
R Kiev: 15484 f/d Troyeshchina cd w/ goodies in 61 ds. (Leader-IR).

NORTH AMERICA

CANADA RCI: 17820 f/d Forestry cd w/ sked in 12 ds for an irc. (OK-Carson).
COSTA RICA AWR: 9725 f/d Coat of Arms cd w/ sticker & ltr in 25 ds for a tri rpt & 2 ircs. V/S David L. Gregory. (Hunt-FL).
HONDURAS HRVC: 4820 f/d cd w/ pennant & ltr in 125 ds for an EE/SS rpt & 2 ircs. V/S Orfa Duron. (Hunt-FL).
NETHERLANDS ANTILLES RN Relay: 6165 f/d Spacelab cd in 12 ds. (Brown-IL).
USA WCSM: 15300 f/d DIY cd in 30 ds. (Huffaker-MX). 21640 f/d cd in 30 ds. (Hunt-FL). WINB: 15145 f/d cd in 80 ds for an irc. (Huffaker-MX).

OCEANIA

AUSTRALIA RA: 13745 f/d Wilderness Society cd w/ sked in 19 ds. (SW-Willers). 21825 p/d Japanese Service cd w/ guide in 24 ds for a JJ rpt. V/S Richard Broinowski. (Matsushita-JN). VLQ9: 9660 f/d form ltr w/ sticker in 45 ds for 3 ircs. (Scott-CA).
GUAM KHBN: 15225 f/d VoH cd w/ ltr & info in 188 ds for \$1. (Matsushita-JN).
MARIANAS ISLANDS KHBI: 17780 f/d DIY cd in 45 ds. (Huffaker-MX).
NEW ZEALAND RNZI: 17675 f/d Taranaki cd w/ note in 10 ds for 3 ircs (Scott-CA). f/d Wellington cd in 45 ds for 3 ircs. (Brown-IL).
SOLOMON ISLANDS SIBC: 9545 f/d Logo cd in 46 ds for 3 ircs. V/S N. Vielen. (Scott-CA). f/d cd in 87 ds for 2 ircs. (Johnson-IL).

SOUTH AMERICA

BOLIVIA R Santa Cruz: 6135 f/d personal ltr in 56 ds for a SS rpt & \$2. V/S Victor Blajot S.I. (Evans-TN).
BRAZIL RadioBras: 11745 n/d form ltr w/ sked in 30 ds for 2 ircs. V/S Luis Antonio Alves. (Scott-CA).
COLOMBIA La Voz del Cinaruco: 4865 p/d form ltr w/ pennants & info in 283 ds after f-up for an EE/SS rpt & \$1. (Weber-OH).
ECUADOR HCJB: 17875 f/d Pinchincha cd in 37 ds w/ map. (Brown-IL). f/d Cotopaxi cd w/ info in 58 ds for ms. (Bishop-NY).

UTILITY

GDR Y3S: 4525 p/d Folder cd in 182 ds. (D'Angelo-PA).

CLANDESTINES & PIRATES

NETHERLANDS R Orang Utan: 6206 f/d Monkey of the Netherlands cd w/ info in 10 ds for \$1. V/S Bey Bey Freddy. (Willers-SW). R Passion: 6230 p/d Cartoon cd in 5 mo for \$1. (Willers-SW).
GFR R Marabu: 15710 f/d cd & ltr w/ info & photo in 36 ds for an irc. V/S Mark. (D'Angelo-PA).
USA Radio EXP: 7385 f/d ltr w/ note in 15 ds...20 watts. V/S Dr. Blue (Karcheski-MA). Samurai Radio: 7413 f/d cd in 46 ds for a SASE. V/S Eddie Currents. (Johnson-IL). CHGO: 7415 f/d pfc w/ ltr in 12 ds for a SASE. V/S Long John Silver. (D'Angelo-PA). 4th of July Radio: 7415 f/d Liberty Bell cd in 24 ds for a SASE. V/S Jet Johnson. (Johnson-IL). XERK: 7435 f/d ltr in 10 ds for a phone rpt V/S Michael Kennly. (Johnson-IL).

SPEEDX UTILITY STATION LIST

Paul T. Lannuier, Editor
25 Mac Arthur Avenue, Closter, NJ 07624

Part 2: 8000.0 to 11999.9 kHz

kHz	MODE	COUNTRY	CALL	LOCATION	UTC	REMARKS	CONTRIBUTOR
8019.3	RTTY	N. Korea	HMFB5	Pyongyang	1500	250/50R: KCNA news in English	Blair-CA
8087.0	RTTY	USA	KMI	San Francisco Radio, CA	1100	SITOR-B: Tfc list	Alexander-IA
8117.2	CW	Taiwan	BMB	Taipei	1555	DE Marker	Blair-CA
8122.8	RTTY	Congo	TNL	Brazzaville	0513	425/50: AFTN/ASECNA "TKA" circuit	Conway-UK
8128.0	RTTY	Unknown	....	Unknown	1850	ARQ/72: Idling	Conway-UK
8136.5	CW	Unknown	U	Unknown	1302	Beacon	Stringer-NZ
8144.0	CW	Unknown	K	Unknown	1300	Beacon	Stringer-NZ
8148.0	CW	Denmark	OV68	Frederikshavn Naval	0841	Danish Navy. V marker	Conway-UK
8152.0	RTTY	N.Korea	HMFB6	Pyongyang	1213	KCNA news in French	Blair-CA
8159.0	CW	CW	CMU967	Santiago	0430	5L groups	Blair-CA
8292.0	RTTY	USSR	URB2	Klaipeda Radio	1535	170/50: Test tape	Moore-RSA
8315.0	CW	Libya	5AT	Tripoli Radio	1735	V/CQ Marker	Conway-UK
8437.0	CW	Algeria	7TF	Boufarik Radio	0150	CQ Marker	Karcheski-MA
8437.0	CW	Japan	JOS	Nagasaki Radio	1330	CQ Marker	Blair-CA
8440.0	CW	France	HWN	Paris-Houilles Naval	0357	French Navy. V marker. Serious key clicks!	Lindley-AL
8440.0	CW	Canada	VCS	Halifax, Nfld.	0102	CCG. CQ Marker	Perdue-AL
8441.4	CW	Malta	9HD	Malta Radio	0842	V Marker	Conway-UK
8441.4	CW	South Yemen	70A	Aden Radio	1750	DE Marker	Conway-UK
8445.5	CW	USA	WLO	Mobile Radio, AL	0447	DE Marker	Blair-CA
8451.0	CW	USSR	UBF2	Leningrad Radio	1956	"4L 13 DE UBF2" Marker	Conway-UK
8453.0	CW	France	HWN	Paris-Houilles Naval	0211	French Navy. V Marker & ID	Bevens-MA
8453.0	CW	Canada	VAI	Vancouver Radio	1406	Canadian Forces. CQ Marker	Blair-CA
8455.0	CW	USSR	UVA	Unknown	1955	"CQ DE UVA QSS/QSX 4231 5/4206 5 8455/8388 5 12729/12601.5 PSE K"	Conway-UK
8456.0	CW	Egypt	SUZ4	Serapeum Radio	1746	DE Marker	Conway-UK
8457.0	RTTY	Alaska	NOJ	Kodiak	0401	170/75R: USCG Wkg USCGC MUSTANG (N1SH)	Blair-CA
8459.0	CW	Romania	YQI4	Constanta Radio	1617	Manual tfc	Conway-UK
8460.0	CW	Greece	SVU	Athens Radio	2030	Marker	Moore-RSA
8460.0	CW	Greece	SVT	Athens Radio	2030	Marker	Lindley-AL
8463.0	CW	Canada	CKN	Vancouver Radio, BC	0846	Canadian Forces. "NAWS DE CKN"	Conway-UK
8463.0	CW	Japan	JOU	Nagasaki Radio	0728	CQ Marker	Blair-CA
8469.0	CW	Portugal	CUL6	Lisbon Radio	0351	CQ Marker	Hunt-FL
8469.0	CW	Cape Verde Is.	D4A	Mindelô Radio, Sao Vicente	1743	CQ Marker & QTC list	Conway-UK
8471.7	CW	Egypt	SUP	Port Said Radio	1608	V/CQ Marker. Off usual 8473.0 kHz freq	Conway-UK
8471.7	CW	USA	NMN	Portsmouth, VA	1501	USCG. CQ Marker	Lukas-NY
8473.0	CW	Qatar	A7D	Doha Radio	2153	DE Marker	Conway-UK
8473.5	CW	USA	WLO	Mobile Radio, AL	0447	DE Marker	Blair-CA
8478.5	CW	Martinique	FUF	Fort de France Naval	0402	French Navy. DE marker	Hunt-FL
8480.0	CW	N. Korea	HMZ	Pyongyang Radio	1708	Several manual CQ calls. Poor keying	Conway-UK
8483.5	CW	W. Germany	DAN	Norddeich Radio	2318	CQ marker	Bevens-MA
8487.0	CW	China	XSG26	Shanghai Radio	1412	Wx broadcasts	Blair-CA
8492.0	CW	Brazil	PPR	Rio de Janeiro Radio	0823	V marker	Bevens-MA
8498.0	CW	Sweden	SAG4	Goteborg Radio	0409	CQ Marker	Blair-CA
8502.0	CW	China	XS6	Shanghai Radio	1350	DE Marker	Blair-CA
8504.0	CW	New Zealand	ZLB	Awarua Radio	0924	DE Marker	Conway-UK
8506.0	CW	USSR	UDH	Riga Radio	0923	CQ Marker	Conway-UK
8506.0	CW	Taiwan	XSX	Keelung Radio	1425	Warnings broadcast	Blair-CA
8510.0	CW	France	FFL2	St. Lys Radio	0320	Marker	Moore-RSA
8510.0	CW	USSR	UKK3	Nakhodka Radio	1434	Tfc list	Blair-CA

8511.0	CW	Taiwan	XSW2	Kaoshiung Radio	1129	CQ Marker	Bevens-MA
8515.0	CW	Libya	5AT	Tripoli Radio	0852	V marker	Conway-UK
8520.0	CW	Brazil	PPO	Olinda Radio	0130	CQ marker	Hogan-IL
8522.0	CW	Malaysia	9WW20	Kuching Radio	1733	CQ Marker	Conway-UK
8523.4	CW	Japan	JOR	Nagasaki Radio	1436	CQ Marker	Blair-CA
8525.0	CW	Kuwait	9KK	Kuwait Radio	1731	CQ Marker	Conway-UK
8526.0	CW	Japan	JMC4	Tokyo Radio	1440	Coded weather	Blair-CA
8530.0	CW	Singapore	9VG25	Singapore Radio	1442	Tfc list	Blair-CA
8534.0	CW	USA	WLO	Mobile Radio, AL	0410	DE Marker	Blair-CA
8538.0	CW	Senegal	6WW	Dakar Radio	0427	V Marker	Blair-CA
8542.0	CW	Indonesia	PKX	Jakarta Radio	1728	CQ Marker	Conway-UK
8545.0	CW	Philippines	DZF	Manila Radio	1232	CQ Marker	Blair-CA
8545.9	CW	England	GKA4	Portsmouth Radio	0506	Tfc list	Blair-CA
8546.0	CW	Taiwan	XSY	Hualien Radio	1131	CQ marker	Bevens-MA
8551.6	CW	Portugal	CTP	Lisbon Naval	0836	Portuguese Navy. V marker	Bevens-MA
8555.0	CW	Turkey	TBB7	Ankara Naval	1132	Turkish Naval. V Marker	Conway-UK
8558.5	CW	Poland	SPE41	Szczecin Radio	2233	Tfc	Karcheski-MA
8562.5	CW	Netherlands	PCH40	Scheveningen Radio	0140	DE marker	Hogan-IL
8566.0	CW	S. Africa	ZSJ	Capetown Naval	2110	RSA Navy. CQ marker	Conway-UK
8568.5	CW	Mexico	XFM	Manzanillo Radio	0809	CQ marker	Conway-UK
8571.0	CW	Japan	JNA	Tokyo Radio	2105	CQ marker	Conway-UK
8574.0	CW	USA	NMC	San Francisco, CA	1517	USCG. DE Marker	Blair-CA
8575.0	CW	S. Africa	ZJS	Durban Naval	1518	RSA Navy	Moon-RSA
8575.0	RTTY	USSR	UKA	Vladivostok Radio	1236	170/50N: Wkg UNRZ	Blair-CA
8578.0	CW	Egypt	SUH3	Alexandria Radio	2100	CQ Marker	Conway-UK
8582.5	CW	USA	KLB	Seattle Radio, WA	0646	CQ Marker	Blair-CA
8584.0	CW	E. Germany	YSM	Ruegen Radio	0441	CQ Marker	Blair-CA
8585.0	CW	USSR	UFL	Vladivostok Radio	1504	NAVAREA III broadcast	Blair-CA
8588.0	CW	Panama	HPP	Panama Radio	0258	CQ Marker	Karcheski-MA
8597.0	CW	Australia	VIP3	Perth Radio	1009	V Marker	Bevens-MA
8601.0	CW	S. Africa	ZRH	Capetown Naval	0240	RSA Navy. ID marker	Bevens-MA
8601.3	CW	New Zealand	ZL04	Irirangi Naval	0759	DE Marker	Conway-UK
8604.3	CW	S. Africa	ZRH	Capetown Naval	2029	RSA Navy. DE Marker	Karcheski-MA
8604.3	CW	Philippines	DZJ	Bulacan Radio	1513	Tfc list	Blair-CA
8604.5	CW	Philippines	DZJ	Manila-Bulacan Radio	1800	CQ marker	Conway-UK
8606.0	CW	S. Africa	ZRQ	Simonstown Naval	1250	RSA Navy. Marker	Moon-RSA
8606.4	CW	S. Africa	ZRH	Capetown Radio	2150	Marker	Conway-UK
8608.5	CW	E. Germany	YSM	Ruegen Radio	2325	ID marker	Bevens-MA
8609.0	CW	Cuba	CLJ	Havana Radio	1301	CQ Marker	Blair-CA
8609.5	CW	Singapore	9VG73	Singapore Radio	1525	V Marker	Blair-CA
8611.5	CW	Turkey	TAH	Istanbul Radio	2052	DE marker	Conway-UK
8615.5	CW	USA	WPD	Tampa Radio, FL	1306	CQ Marker	Blair-CA
8616.0	CW	Hungary	HAR	Budapest Radio	0510	CQ Marker	George-MA
8622.0	CW	Netherlands	PCH41	Scheveningen Radio	2331	DE marker	Bevens-MA
8625.2	CW	Gibraltar	GYU	Gibraltar Naval	0025	RN. DE marker	George-MA
8630.0	CW	USA	WCC	Chatham Radio, MA	0652	CQ Marker	Blair-CA
8642.0	CW	Portugal	CTV8	Lisbon Naval	0517	Portuguese Navy. Wx broadcast	Blair-CA
8642.0	CW	USA	KPH	S. Francisco Radio, CA	0657	CQ Marker	Blair-CA
8645.5	CW	India	VTB	Bombay Naval	2022	Indian Navy. Marker	Moon-RSA
8646.0	CW	Argentina	LPD86	Gen. Pacheco Radio	2143	V marker	Conway-UK
8646.2	CW	New Caledonia	FIJ	Noumea Naval	1321	French Navy. CQ marker	Hogan-IL
8649.5	CW	Italy	ICB	Genoa Radio	2236	V marker	Bevens-MA
8650.0	CW	USSR	RKDF	Unknown	2000	"CQ DE RKDF 487/3230/750..."	Conway-UK
8650.0	CW	Hawaii	NMO	Honolulu	1525	USCG. CQ Marker	Blair-CA
8652.0	CW	Belgium	OST4	Ostend Radio	2231	Calling IAE52	Karcheski-MA
8653.6	CW	Japan	JCS	Choshi Radio	1916	CQ marker	Conway-UK
8655.0	CW	USSR	NAIUA13	Nakhodka Radio	0659	Tfc list	Blair-CA
8657.3	CW	Pakistan	ASK	Karachi Radio	1800	Manual CQ	Conway-UK
8665.0	CW	China	XSG	Shanghai Radio	1213	CQ marker	Conway-UK
8682.0	CW	USA	NMC	San Francisco, CA	0630	USCG. V Marker	Rocker-FL
8686.0	CW	Morocco	CNP	Casablanca Radio	2013	CQ marker	Conway-UK

8687.6	CW	USSR	URD	Leningrad Radio	1216	CQ marker	Conway-UK
8688.0	CW	USA	WNU53	Slidell Radio, LA	0859	CQ marker	Conway-UK
8694.0	CW	Angola	D3E52	Luanda Radio	2224	CQ Marker	Karcheski-MA
8694.0	CW	Israel	4X0	Haifa Radio	2209	CQ Marker	Karcheski-MA
8694.0	CW	Neth. Antilles	PJC	Willemstad Radio, Curacao	2342	CQ marker	Conway-UK
8695.0	CW	USSR	UHK	Batumi Radio	1700	CQ Marker	Conway-UK
8696.5	CW	Albania	ZAD2	Durrres Radio	0906	V/CQ Marker	Conway-UK
8698.0	CW	Malaysia	9M62	Pinang Radio	2042	CQ Marker	Conway-UK
8700.4	CW	Colombia	HKB	Barranquilla Radio	2205	CQ Marker	Conway-UK
8700.4	CW	Yugoslavia	YUR	Rijeka Radio	2217	CQ Marker	Karcheski-MA
8701.0	CW	USSR	UNM2	Klaipeda Radio	1112	Fast msgs. DE Marker	Conway-UK
8705.5	CW	England	GKB2	Portishead Radio	2251		Bevens-MA
8737.5	USB	Cyprus	5BA	Cyprus Radio	2257	Voice marker: "Cyprus Radio Radiotelephone Maritime Service" in EE & GK	O'Connor-NH
8784.0	CW	USA	KM1	Dixon Radio	0413	Tfc list	Bevens-MA
8825.0	USB	....	....	ICAO NAT-A AREA	....	Stations reported include: Santa Maria, Azores, Prestwick, UK	....
8828.0	USB	Japan	....	Tokyo VOLMET	1041	Meteo H+10,40.	Karcheski-MA
8828.0	USB	New Zealand	....	Auckland VOLMET	1050	Meteo H+20,50	Karcheski-MA
8846.0	USB	....	....	ICAO CAR AREA	....	Stations reported include: New York, NY	....
8855.0	USB	....	....	ICAO C/NE SAM AREAS	....	Stations reported include: Belem, Port Velho & Manaus, Brazil; Paramaribo, Surinam; Plarco, Trinidad	....
8861.0	USB	....	....	ICAO SAT-1/AFI-1 AREAS	....	Stations reported include: Recife, Brazil; Dakar, Senegal; Canarias, Canary Is.	....
8864.0	USB	....	....	ICAO NAT-B AREA	....	Stations reported include: Reykjavik, Iceland	....
8867.0	USB	....	....	ICAO SP-6/7 AREAS	....	Stations reported include: Nandi, Fiji Is.	....
8872.0	AM	Unknown	....	Unknown	0907	Numbers in Spanish. 5 digit groups by YL	Ayers-NZ
8891.0	USB	....	....	ICAO NAT-D AREA	....	Stations reported include: Gander, Nfld; Reykjavik, Iceland...	....
8903.0	USB	....	....	ICAO AFI-4/CWP AREAS	....	Stations reported include: Libreville, Gabon; Accra, Ghana; Kinshasa, Zaire; Tokyo, Japan; Bujumbura, Burundi; Lusaka, Zambia	....
8921.0	USB	England	....	London	0430	BAW LDOC. SPEEDBIRD London wkg SPEEDBIRD 262	O'Connor-NH
8924.0	USB	Netherlands	....	Amsterdam	0446	KLM LDOC. Wkg KLM 596	O'Connor-NH
8942.0	USB	....	....	ICAO SEA-2 AREA	....	Stations reported include: Bangkok, Thailand	Karcheski-MA
8967.0	USB	....	....	WORLDWIDE USAF FREQUENCY	....	GCCS	....
8984.0	USB	....	....	USCG COMSTAS	....	Air to Ground. Stations reported include: NMF Boston, MA; NOJ Kodiak, AK; Boronquen Air Station, PR.	....
8989.0	USB	....	AF12	WORLDWIDE USAF FREQUENCY	....	GCCS. Stations reported include: AF12 McClellan AFB, CA	....
8993.0	USB	....	....	WORLDWIDE USAF FREQUENCY	....	GCCS. Stations reported include: Ascension Is.; AFB1 MacDill AFB, FL	....
8993.0	USB	Unknown	....	Unknown	0734	Numbers in SP on USAF frequency	Lindley-AL
9006.0	USB	Canada	CHR	Trenton, ON	0029	RCAF. Wkg a/c CANFORCE 6673	Perdue-AL
9010.0	USB	Canada	....	Halifax, NS	2229	RCAF. Wx, "Halifax Military Out"	Perdue-AL
9027.0	USB	....	....	WORLDWIDE USAF FREQUENCY	....	SAC 'Romeo' channel. Skyking broadcast	Stringer-NZ
9056.5	CW	USSR	U	Murmansk	0016	Beacon	Bevens-MA
9075.0	RTTY	France	RFFA	Paris Naval	1956	ARQ-E3 850/48: French Navy. Pages of 5L6 & 'Control de Voie'	Conway-UK
9097.5	RTTY	Portugal	CUA44	Lisbon	2122	ARQ-M2 425/96: Idling on both channels	Conway-UK
9098.5	RTTY	Portugal	RPFN	Monsanto Naval	0328	850/75: Portugese Navy. Cig RPT1	Alexander-IA
9115.0	USB	USA	....	Unknown	0044	Radio Marti feeder	Lukas-NY
9115.0	USB	Argentina	LRB91	Buenos Aires	2356	Radio Continental Feeder. Spanish w/ads, jingles, etc. Same company operates Radio Rivadavia	Flynn-CA
9125.0	RTTY	Cameroon	RFTJD	Douala Naval	2141	ARQ-E3 850/48: French Navy. 'Control de Voie' and tfc to Paris	Conway-UK
9180.0	USB	USSR	....	Unknown	0358	Radio Moscow feeder in RS	Morby-NY
9217.0	RTTY	Chad	TTL	NDJamena	2004	425/50: AFTN/ASECNA. "ZCZC DE TTL TESTING"	Conway-UK
9232.5	RTTY	Ethiopia	ETD3	Addis Ababa	1928	DE marker & VJA tfc	Conway-UK
9285.0	RTTY	Congo	TNL	Brazzaville	1935	ARQ-M2 425/96: Aero msgs on Ch. A	Conway-UK
9398.0	FAX	Hawaii	NPM1	Pearl Harbor	1005	120/576: USN. Pacific prognosis. Good copy	Lackmann-VA
9402.5	RTTY	Belgium	OST	Ostend Radio	1110	SITOR-A: Short msgs & CW ID	Alexander-IA
9797.0	RTTY	Romania	YQJ27	Bucharest, Romania	0930	425/50R: ROMPRES Nx in EE. Note new agency name (formerly AGERPRES)	Lackmann-VA

10051.5	USB	Canada	VFG	Gander VOLMET, Nfld	0126	Aviation wx	Berri-CA
10075.0	USB	USA	....	Houston, TX	0605	LDOC. Wkg ARROW 605	Rocker-FL
10104.0	CW	Mauritius?	3B8C	Unknown	0215	[No details... ed.]	Moon-RSA
10170.0	RTTY	India	....	New Delhi	1955	425/50: Meteo	Moon-RSA
10200.4	RTTY	Japan	JAE50	Tokyo	1050	850/50R: JJJJ news. RYRYRY and QRA Marker. Off at 1055	Lackmann-VA
10215.0	RTTY	Saudi Arabia	HZN48	Jeddah	2027	850/100: Meteo	Conway-UK
10233.0	RTTY	USA	....	Greenville, NC	2256	170/75N: VOA Nx in EE	Conway-UK
10237.5	RTTY	USA	....	Greenville, NC	0112	85/75N: USIA nx	Berri-CA
10255.0	USB	Unknown	....	Unknown	1929	Numbers by YL in G6	Moon-RSA
10315.0	USB	Unknown	....	Unknown	1929	Numbers by YL in G6. Different than 10255.0	Moon-RSA
10344.0	USB	USSR	....	Unknown	1931	Radio Moscow Feeder	Moon-RSA
10408.0	RTTY	Italy	IRU58	Rome	1857	850/50: ANSI nx in EE	Moon-RSA
10600.0	RTTY	Vietnam	....	Hanoi	1450	425/50R: VNA news in English	Karcheski-MA
10633.0	RTTY	Egypt	SUC	Cairo	1944	425/50: AFTN "ESB" circuit	Conway-UK
10664.0	RTTY	USA	KAWN	Carswell AFB, TX	0058	850/75N: USAF. Meteo	Berri-CA
10687.5	RTTY	Unknown	....	Unknown	2055	ARQ 850/92: Idling	Conway-UK
10690.0	USB	USSR	RKM22	Irkutsk	0115	Radio Orbita feeder. Talk and music	Berri-CA
10869.0	ISB	USA	....	Bethany, OH	2300	VOA Feeder. Unknown language on LSB	Lukas-NY
10893.5	RTTY	Argentina	LRB39	Buenos Aires	1925	850/50: SAPORITI nx in SP	Moon-RSA
10916.0	RTTY	Senegal	RFTJ	Dakar Naval	2258	ARQ-M2 850/96: French Navy. "Control de Voie" msgs	Conway-UK
11063.5	RTTY	Sudan	STK	Khartoum	2032	425/50: AFTN 'ESA' t/c. DE Marker	Conway-UK
11073.5	USB	USA	....	US CUSTOMS/DEA FREQUENCY....	....	Stations reported include: 'Silngshot', Miami, FL	....
11098.5	RTTY	Italy	IPG20	Rome	0852	SITOR-A: MFA. 5 ltr groups & msg: 'DA ESTERI ROMA AT ITALDIPL ANKARA	Conway-UK
11108.8	RTTY	Martinique	RFLI	Fort de France Naval	2247	ARQ-M2 850/96: French Navy. Ch. B msg from Cayenne to RFBX	Conway-UK
11112.5	RTTY	Ethiopia	ETD3	Addis Ababa	1741	425/50: AFTN 'VSA' circuit. DE Marker	Conway-UK
11174.0	RTTY	Unknown	....	Unknown	0455	170/50: Meteo	Moon-RSA
11175.0	RTTY	Tanzania	SHD	Dar es Salaam	2048	170/50: AFTN 'DBA' circuit. RYRYRY & tests	Conway-UK
11176.0	USB	....	....	WORLDWIDE USAF FREQUENCY ....	....	GCCS. Stations reported include: AIE Andersen AFB, Guam; AKA5 Elmendorf AFB, AK; AJG Incirlik AFB, Turkey; Ascension Island	....
11179.0	USB	....	....	WORLDWIDE USAF FREQUENCY ....	....	GCCS. Stations reported include: AFL2 Loring AFB, ME	....
11191.0	USB	....	....	WORLDWIDE USN FREQUENCY	2323	Several tactical callsigns reported	Lukas-NY
11200.0	USB	England	MVU	RAF VOLMET, West Drayton	0044	RAF. Continuous wx	Jones-TN
11243.0	USB	....	....	WORLDWIDE USAF FREQUENCY....	....	SAC Air/Ground 'Alpha One' channel. Numerous tactical callsigns reported.	....
11246.0	USB	....	....	WORLDWIDE USAF FREQUENCY....	....	GCCS. Stations reported include: MacDill AFB, FL; NKT Cherry Point USMC Air Station, NC	....
11249.0	USB	Canada	CZW	Halifax Military, NS	0027	RCAF. Weather broadcast	Lukas-NY
11261.0	RTTY	Egypt	....	Cairo	0220	SITOR-A: MFA t/c	Moon-RSA
11300.0	USB	....	....	ICAO AFI-3 AREA	....	Stations reported include: Tripoli, Libya; Cairo, Egypt; Addis Ababa, Ethiopia; Nairobi, Kenya; Khartoum, Sudan	....
11363.0	USB	England	....	NOVAIR Eastwick	1035	New LDOC facility at Eastwick. Other freqs. licensed: 10021.0 and 6556.0. Hrd testing w/'Starjet' flight	Conway-UK
11387.0	USB	Australia	VLS	Sydney VOLMET, NSW	2130	Meteo H+00.30	Rocker-FL
11396.0	USB	....	....	ICAO SEA-2/3 AREAS	....	Stations reported include: Bali & Jakarta, Indonesia; Singapore; Darwin, Australia	....
11439.5	RTTY	Nigeria	SNK	Kano	2030	425/50: DE 5NK 5NK... Marker	Conway-UK
11490.0	RTTY	Antarctica	VLV	Mawson Base	0258	425/50: Test tape	Moon-RSA
11604.1	RTTY	Yugoslavia	YZV3	Belgrade	1320	500/50R: TANJUG news in English	Lackmann-VA
11638.0	RTTY	W. Germany	DDK8	Hamburg	1152	425/50R: "CQ CQ CQ DE DDK2/DDK7/DDK8"	Lackmann-VA

The SPBEDX Utility Station List is published in four monthly installments and contains no listing more than nine months old. Part 1 includes frequencies from 1600.0 to 7999.9 kHz; Part 2, from 8000.0 to 11999.9 kHz; Part 3, from 12000 to 17999.9; and Part 4, from 18000.0 to 30000.0 MHz. A complete list of all stations reported, including listings older than nine months, is available for \$6.50 (postpaid) from the editor.

OPERATION DESERT SHIELD

Robert Babin reports hearing USAF traffic on the following frequencies:

- 11176.0 Hvy tfc from North America to Middle East staging areas. USAF, ARMY and Navy asking for air space clearances across Europe and Israel.
- 13244.0 Tfc hrd includes ETA reports for cargo, destination Saudi Arabia.
- 15015.0 Primarily phone patches from air crews to home.
- 18898.0 Dispatching from air bases in US and Caribbean.
- 19219.0 Heavy RTTY tfc.
- 19272.0 Heavy RTTY tfc.

The first three frequencies are part of the USAF GCCS "Mainsail" command net. The latter three aren't listed in any of my 'reliable' sources: CFL, Klingenfuss or Evans' Aero Guide.

HELP WANTED

John Lackmann needs the address for WJG Memphis. Unfortunately, I can't find my old Utility QSL Address Book. So if anyone has this information, please send it to me and I'll print it in a later issue.

MISCELLANEOUS TRAFFIC

Wow... all this space and nothing to talk about. Wait, I know. I can plug the new, improved, better-than-ever, twin-turbocharged SPEEDX UTILITY STATION LIST. Of course, this is the complete collection of all stations reported to this column since... well, since a long time ago. I forget when I started. Now a whopping thirtysomething pages, the Complete SUSL includes those frequencies that have been purged from the monthly listings. The printed list is available for \$6.50. and to prove that SPEEDX is in step with the '90s, I'm offering it in digital form; just send a 3.5" floppy (sorry, no 5.25" disks, please), \$5.00 and enough postage to mail it back to you. Preferred customers (that is, Macintosh owners) will receive both the Microsoft Works database file and the Microsoft Word text file. To demonstrate my compassion for MS-DOS Neanderthals, I can also provide Word files or plain ASCII text files in DOS format. Please specify type of computer and preferred format. By the way, the \$5 fee is a donation to SPEEDX to help with publishing costs; it does not go to Paul's Ferrari Fund.

(Those who already have orders in with me for the previous edition will be sent the new edition at no additional cost. I expect them to ship by early October. Sorry for the delay, but I'm sure you'll appreciate the improvements that have been made. Thank you for your patience.)

Believe me, I'm not trying to put Herr Klingenfuss out of business. I'm just providing a service to fellow SPEEDX radio nerds by offering a list of stations that have been recently heard by other SPEEDX radio nerds. Maybe the SUSL will eventually evolve into another SPEEDX Guide to Utility Stations if some of you introverts step forward to offer an article or two. I plan another edition for the Spring, so get started early.

OK, I guess I can wrap this up now. I'm hitting the road again, this time for Florida (Mobile Communications Expo in Orlando, followed by five wild nights in Ft. Lauderdale trying to re-live my childhood).

Until next time, best 73 to all,
Paul

SPEEDX BOARD OF DIRECTORS, 1990-1991

President: WILLIAM WESTENHAVER
Vice-President: PEGGY THOMPSON
Directors: RICHARD D'ANGELO, CARL HUFFAKER, and EDWARD JANUSZ

MAGAZINE AND SOCIETY STAFF

Business Manager: Managing Editor: Central Distribution Editor:
BOB THUNBERG WOODY SEYMOUR, JR. ED CICHOREK
P. O. Box 196 P. O. Box 848 P. O. Box 215
DuBois, PA 15801-0196 Sanford, NC 27331-0848 New Brunswick, NJ 08903

Publishing: EDWARD JANUSZ, with AL QUAGLIERI and DAVID JONES

Senior Editor: DANIEL SAMPSON

Editors: JASON BERRI, BOB COLYARD, RAY FORSGREN, CARL HUFFAKER,
EDWARD JANUSZ, PAUL LANNUIER, DON THORNTON, JOHN
TRAUTSCHOLD, PAUL WAKERFIELD, WILLIAM WESTENHAVER, and

KENT WILLIS

Membership Chairman: JOHN TRAUTSCHOLD

Awards Chairman: HAROLD WOERING

ANARC Representative: RICHARD D'ANGELO

"SPEEDX REPORT" Host: GARY GBARS

("SPEEDX REPORT" is aired the third Saturday of each month on "DX PARTYLINE,"
HCJB, Quito, Ecuador.)

SUBSCRIPTION/MEMBERSHIP FEES:

USA (First Class Mail).....\$20.00
Canada/Mexico (AO Airmail).....\$20.00
Central America/Caribbean (AO Airmail).....\$26.00
South America/Europe (AO Airmail).....\$30.00
Africa/USSR/Asia/Oceania (AO Airmail).....\$34.00
Outside North America (Surface Mail).....\$20.00
Subscription payments in \$US only to SPEEDX, Box 196, DuBois, PA 15801-0196.
Please send all renewals, new memberships, and changes of address to SPEEDX HQ in
DuBois.

SPBBDX (ISSN 0882-8091) is published monthly by SPBBDX, DuBois, PA, a non-profit
volunteer hobby organization founded in 1971. SPBBDX is a member of the Association of
North American Radio Clubs (ANARC). Opinions expressed by the contributors do not
necessarily reflect the views of the Board of Directors, staff, or membership. Original
material copyright 1990 by SPBBDX. Permission is granted to reprint material from this
magazine (except material which is copyrighted by other sources), provided credit is given
to SPBBDX and the original source.



P. O. Box 196
DuBois, PA 15801-0196
United States Of America

FIRST CLASS MAIL
UNITED STATES POSTAGE
PAID
Bricktown, NJ 08725
Permit No. 101

Al Quaglieri 9106
P.O. Box 888
Albany, NY 12201-0888

FIRST-CLASS MAIL
TIME VALUE MATERIAL.....PLEASE DO NOT DELAY!