

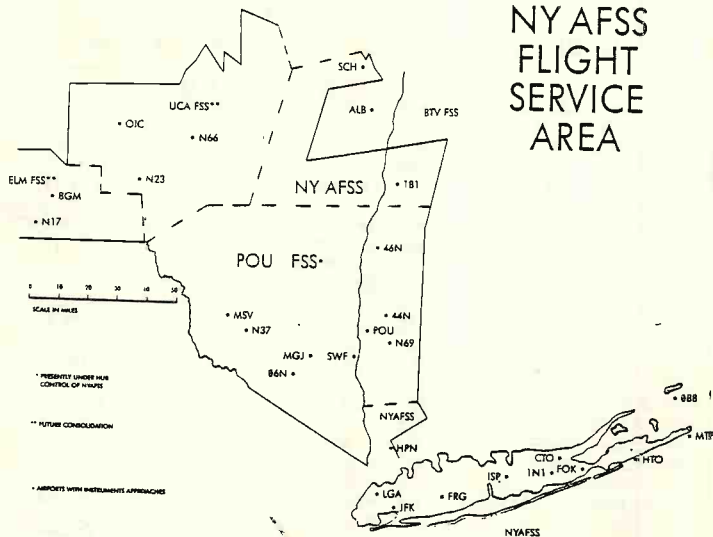
The Society to Preserve the Engrossing Enjoyment of DXing

SPELIX

NY AFSS FLIGHT SERVICE AREA

U. S. GOVERNMENT PRINTING OFFICE: 1980/74-724/20008

22



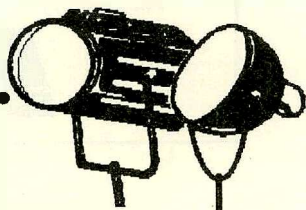
January 9, 9-11 PM EDT
Woody Seymour, Jr.
 on
"Talk with Tom"
 Clear Channel
WDTF-680
 Raleigh, NC

Survey Results
 Being Tabulated
 Thanks for Your
 Support!

JANUARY, 1991

- | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>2. SPOTLIGHTS/DX MONTAGE, John Trautschold</p> <p>6. NORTH AMERICAN DX CHAMPIONSHIP (FT/NU)</p> <p>7. CONTINUOUS TUNING, Ed Janusz</p> <p>11. LATIN NOTEBOOK, Carl Huffaker</p> <p>13. WHAT'S ON, Daniel Sampson</p> <p>14. SOME PROGRAMS, Bob Colyard</p> <p>16. PUBLIC MEETING, Richard A. D'Angelo</p> <p>17. A HIKE IN MINO-O, Ralph Famularo</p> <p>18. THE WINTER SWL FESTIVAL</p> | <p>19. WESTERN HEMISPHERE, Don Thornton</p> <p>24. EUROPE, Bob Colyard</p> <p>28. USSR, Jason Berri</p> <p>30. AFRICA, Paul Wakefield</p> <p>34. ASIA/OCEANIA, William Westenhaver</p> <p>39. QSL REPORT, Ray Forsgren</p> <p>41. TRASH AND TREASURE, Donald J. Weber</p> <p>42. DX TARGET: NEW YORK RADIO, Richard A. D'Angelo</p> <p>43. UTILITY STATIONS, Paul Lannuier</p> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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.....)

TOTAL FOR JANUARY 1991: 65

| | | | | |
|----------------------|----|------------------------|----|----------|
| 4 ABBINANTE, PHIL | IL | 5 LEVISON, HAROLD | PA | IC-R70 |
| 1 ASHIMORI, TSUNAOKI | JP | 1 MACGIBBON, BRUCE | OR | R2000 |
| 1 ATKINS, GUY | WA | 4 MAIER, WALTER | NY | RF3100 |
| 5 BAGOZZI, STEVE | CA | 5 MALONE, STEVE | TX | |
| 2 BARRERA, GABRIEL | AG | 4 MATSUSHITA, YUKIMASA | JP | RF2200 |
| 4 BISHOP, PORREST | NY | 1 MERRIFIELD, FRANCIS | NY | |
| 5 BREWER, DON | KS | 5 OWSLEY, BENTON | CA | R388 |
| 7 BROWN III, EDWARD | IL | 3 PARK, DALE | HI | R5000 |
| 4 BRYANT, MICHAEL | UT | 4 PRATH, JOHN | FL | NRD525 |
| 1 CAMPORINI, DANIEL | AG | 2 QUINN, MAUREEN | CA | |
| 4 CARSON, JOHN | OK | 1 RADER, BARRY | OH | |
| 4 CICHOREK, EDWARD | NJ | 1 REESE, ORLA | DE | R5000 |
| 4 COLYARD, BOB | NJ | 5 REEVES, ROBBIE | OR | ICF2010 |
| 5 D'ANGELO RICHARD | PA | 3 ROBINSON, BETSY | TN | IC-R71A |
| 5 FAMPLARO, RALPH | JP | 5 ROCKER, RAYMOND | FL | |
| 5 FINDLATER, JOHN | CA | 2 RUSSELL, LARRY | MI | ICF6800W |
| 3 FISHER, JOHN | MA | 1 SAMPSON, DANIEL | WI | FRG7700 |
| 4 FRASER, BOB | MA | 1 SCHULSINGER, MICHAEL | OH | R5000 |
| 2 FROEMMING, GARY | AZ | 1 SCOTT, VAL | CA | IC-R71A |
| 5 GAHARAN, CHARLES | LA | 2 SEYMOUR, WOODY | NC | SPR4 |
| 1 GEARS, GARY | IL | 1 SHIMADA, SENSU | JP | FRG7700 |
| 3 GIBSON, JOSEPH | AR | 1 STRINGER, PAUL | NZ | MS102 |
| 3 HARDESTER, MIKE | NC | 4 THORNTON, DON | NJ | NRD525 |
| 2 HART, GERALD | MN | 4 TRESCHER, FRED | PA | ICF2010 |
| 1 HARVEY, SHELDON | PQ | 3 VALENTINE, F.A. | CA | IC-R70A |
| 1 HUFFAKER, CARL | MX | 1 WAKEFIELD, PAUL | IA | ICF2010 |
| 1 HUMENYK, MARK | ON | 1 WATTS, R.C. | KY | |
| 5 JANUSZ, EDWARD | NJ | 2 WEBER, DONALD | OH | R2000 |
| 7 JOHNSON, TIM | IL | 5 WESTENHAVER, WILLIAM | PQ | ICF2010 |
| 4 JONES, ANTHONY | TN | 6 WILLERS, STEVEN | SW | NRD525 |
| 1 JONES, DAVID | TN | 4 WOERING, HAROLD | MA | R1000 |
| 6 KARCHESKI, WALTER | MA | 3 WOLFSON, MIKE | OH | R5000 |
| 5 LANGLOIS, HAROLD | FL | | | |

YUP! Things do look a bit different this month. why? Well, the old Altair 8800 did it to me again! The terminal's keyboard died just as I was about to print out the contributors page...so had to retype everything! Here it is gang! ARGH!!!!

Missing columns for the month include USSR and Utilities and the columns included from last month include: Europe, Africa, A/O and QSL's.

NEW FULL MEMBERS

BOB COLYARD.....NJ
JOHN FINDLATER.....CA
CHARLES GAHARAN..LA

Congratulations Gents! Thanks for all your

input!

RETURNING AND FIRST TIME CONTRIBUTORS TO SPEEDX

GUY ATKINS.....WA
GABRIEL IVAN BARERRA.....ARGENTINA
MAUREEN QUINN.....CA

Thank you all too for you contributions. Some of you we've seen here before and it's certainly good to see your names appear here again! Keep up the good work!

Well...that's about all I can take for this month. Let's hope everything works next time! Maybe it's time to retire the old Altair, eh?



DX MONTAGE

LETTERS AND QUIDS FROM 'ROUND THE WORLD!

MEMBER PROFILE THE EVOLUTION OF A DXER! (Part I)

By: Steve Malone...TX

Some of my oldest memories are of the massive old Zenith that sat prominently along the long wall of my parents G.I. Bill track home. The mahogany thing had a huge plastic knob with a silver lightening bolt that pointed to the station and a fabric panel that hid a giant base speaker. I loved turning that knob when the parents weren't near and listening to that all encompassing sound when they were. I had to learn how to read to see on closer inspection that behind that knob was a template that showed the frequency bands and a half-round list of some countries of the world. In my little child way I listened more carefully. I'm forty-two now and only remember listening to the BBC, (Tarzan was my hero and his family was in English) and to an infinite variety of strange and wonderful languages. Endless hours passed for me and I didn't understand a thing I heard.

Later, my father became interested in Ham Radio. He bought a receiver and a practice key. The receiver was a National Radio Co. NC105; the manual still exists. The key came from Radio Shack most likely. I can see him now, bending over his desk listening to the dit-dahs and the static and pecking away with his key. I don't know if he ever got his license. I was a teen by then and wasn't paying attention. He never got a transmitter that I know of. When he got bored with it I'd slide into his chair and crank that knob up and down the entire bandwidth staying at each signal just long enough to hear it's country of origin and marveling at what a radio wave could do. It felt good that I could hear from people over the entire world and that they had stuff they wanted to tell me.

Those days came back to me in a flood when I grew up enough to make a little money and to be alone and lonely in the night. And I discovered that good old Radio Shack had a SW receiver that was both affordable and did not require assembly. The DX-40 is still with me and goes with me while camping or painting the house or waiting out hurricanes. It made the world my neighbor when my tent or my house was empty, except for myself.

Next month...Part II of Steve Malone's *Evolution...*

IMPORTANT NEWS FOR ICF2010 OWNERS

By: Guy Atkins...WA

The Sony ICF2010/2001D receiver is probably the most popular SW portable radio in use. To my knowledge, there has been no source for filter modification kits available for the 2010 since Radio Plus+ (in Florida) ceased operation. It's true that Radio West (CA) does filter mods, but I don't think they sell the filters with out installation.

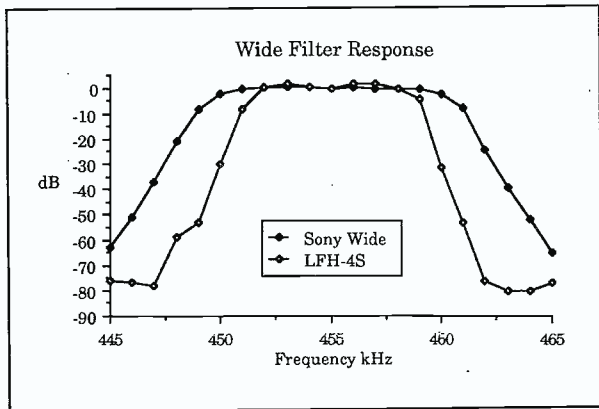
For the last couple months, I've been using a 455 I.F. NTK ceramic filter in my 2010, which replaced the stock Murata filters. It performs very well, and improves the shape factor and ultimate rejection in wide and narrow filter selectivity positions. The NTK filter is the LFH-4S (8.0 kHz @ -6db). What is especially nice about this is that it is a *direct*, "Drop-In" replacement. No PCB modification is needed.

I received the NTK filter from Craig Siegenthaler of Kiwa Electronics. Kiwa is the manufacturer of the Multiband AM Pickup (MAP) accessory for communications receivers. As part of the I.F. selectivity stage, the MAP unit uses six various filters in a switched, cascaded arrangement. Kiwa did extensive testing of Murata vs. NTK filters while designing the MAP, and his results indicate most NTKs surpass the Murata's in distortion tests, shape factors and ultimate rejection

Craig also dropped a note to *DXM* along with graph showing the characteristics of the LFH-4S, which we'll reproduce on the next page.

Price for the LFH-4S replacement filter is \$14.00 postpaid in the U.S. and Canada. For orders outside North America, the price is \$15.00 which includes Airmail shipping expenses. Complete installation instructions are included. To order, either call (509)453-KIWA or write:

KIWA
612 South 14th Avenue
Yakima, WA 98902 USA



ACE COMMUNICATIONS

This company has been filling my mailbox with all sorts of neat information lately. They've sent glossy pictures of these new goodies as well, but alas, I need a screened print in order to reproduce them in the column, so you'll just have to believe me when I say this stuff looks pretty hi-tech. Anyway...

The first item is a computer driven frequency loggings and analysis system. The complete package consists of a receiver that covers 100 kHz to 2036 MHz (WOW!) plus control software and serial interface hardware.

Two basic types of analysis and logging functions are offered with the package. The first, a tabular method, lists active calls by frequency, signal strength, date, time, and even keys the call to a tape recording of the audio portion of the radio transmission.

A spectrum analyser type display is the second basic method of logging and analysis. On a computer monitor, the display will show "spikes" of received frequencies vertically ranked by signal strength. The display can be either viewed on a screen printed on a dot matrix or laser printer. The RS232C serial interface allows for remote operation and future expansion capabilities. A transfer rate of 4800 baud is supported. Price is set at \$1290 for the system.

Ace's second item of interest is their new 2000 Channel Receiver which covers 1 MHz to 1500 MHz at 36 channels per second. This unit also has a built in interface to a computer's RS232 port for programmed, unattended, control and frequency surveillance logging.

The new radio is designed for either table top or underdash use, and has dimensions of 2 1/4"H

x 5 5/8"W x 6 1/2"D and weighs 1 lb 2 oz. Frequency coverage of the receiver allows it to pull in distant shortwave broadcasts from all over the world, in addition to being able to listen to super high frequency microwave broadcasts...and everything in between.

The design of the unit assures an extremely high level of image rejection, the most common cause of interference in broad coverage receivers. Sensitivity will typically be better than .35 uV @ 12db S/N in narrow band FM from 10 MHz to 1.5 GHz. AM sensitivity in the 5 MHz to 1.0

GHz range is better than 1.2 uV for 10db S/N. Tuning increments are 5 kHz, 12.5 kHz plus 25 kHz and are user selectable. A BFO for SSB/CW ability is included in the unit.

The receiver is capable of scanning 62 banks of 32 frequencies each for a total of 1,984 scanned frequencies. An additional 16 memory locations are set aside for beginning and ending search limit frequency pairs. Bank 1 can be designated as a priority bank, thus giving higher priority to up to 32 different frequencies. The scan rate of 36 channels or search increments per second will automatically slow to compensate for tuning lags if adjacent frequencies are more than 30 MHz apart.

A built in RS232 interface device allows the radio to be controlled or programmed by any computer with a standard serial port. A suggested retail price of \$499 has been set for the unit. An optional software package is available to handle frequency databases and even provide spectral analysis graphics.

For more information or to order either of these products, call (317) 842-7115 or write today to:

Ace Communications Monitor Division
10707 East 106th Street
Indianapolis, IN 46256

And if any of our members decides to give one of these new units a try, make sure to send in your comments either to *DXM* or to our technical column. Thanks!

SHORTWAVE SOFTWARE

Once again, I've received a rather lengthy list of shareware and public domain software for

IBM PC's or compatibles from H.S.B. I haven't got the time to list all that's available, but if you're interested, just drop a line for their latest listings to:

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

ARTHUR CUSHEN'S RADIO LISTENERS GUIDE

The second edition of this book is now available and includes an exciting extra...Secrets of Wartime Listening. The publication also covers the many aspects of radio listening and follows on from the success of the writer's first book *The World in my Bars* which has sold in over 70 countries. This second publication looks at the radio listening hobby as a pastime and has over 60 articles covering a wide span of the subject of medium and shortwave reception. The write has been able to draw on his 50 years of experience to put together his knowledge about this fascinating hobby. As a blind broadcaster, writer and station representative and with a world-wide reputation, this publication draws on his achievements in verifying nearly 9,000 radio stations in more than 300 countries.

If you live in the USA and Canada, you can order the book for \$17.95 U.S. from:

Gilfer Associates
Box 239
Park Ridge, NJ 07656

6TH CLANDESTINE CONTEST

The 6th Clandestine Contest will be held from March 29 to March 31, 1991. Participants from all over the world will be listening to approximately 15 clandestine stations according to a detailed contest schedule.

After the results are compiled, each participant will receive an extensive result-list and a certificate indicating his own result. The best participants in several categories will also get prizes.

An eight-page booklet with the contest rules

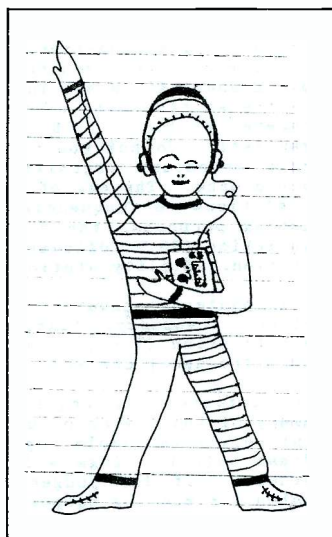
and other information about the contest is now available from the following address (and don't forget return postage please):

Clandestine-Contest, Mathias Kropf
Mähr.-Schönberger-Str. 9,
D-6430 Bad Hersfeld 1
Federal Republic of Germany

OH-NO...NOT AGAIN!

Geez...now I've started something! I had to publish Greg Fischer's first attempt at art...now I've got his second attempt! Oh my, oh my, oh, my... He calls this a "new invention." It's called "The Liberty...Human Helical Antenna (for portable DXing)."

"Does it work, you ask?," Greg says. (Actually, I didn't ask, but...) "Well ... no. At least not in Wisconsin it doesn't. Somebody should probably give it a try on Ellis Island!" Groan...



ITEMS FOR SALE.....(no collect calls please!)

Pennants from stations in Europe, East Asia and South America. Best offer. Write for list (SASE please!): Robbie Reeves, 215 SE 18th Street, Troutdale, OR 97060.

WANTED: Will pay any reasonable amount for an old "G.I." type, very long, telescoping, whip antenna. Some of these went up to over 20 feet long and were used on communications vehicles, etc. Contact: D.W. Thome, 3616 Lazy Ranch Road, Macdoel, CA 96058. State description, condition, price, etc.

THE 1991 NORTH AMERICAN DX CHAMPIONSHIPS (NADXC)
SPONSORED BY NUMERO UNO AND FINE TUNING

ELIGIBILITY

The 1991 DX Championships is open to all listeners residing in North America [as defined by the country list of the North American Shortwave Association (NASWA)]. Members of the NADXC Administrative Committee and the judges are excluded from participation.

LISTENING PERIOD, FREQUENCIES, AND TIMES

The contest period will run from 0001 UTC 15 February to 2359 UTC 17 February 1991. Loggings outside this time period will not be considered. All loggings must be made between 2.000 MHz and 30 MHz. Loggings outside of this range will be eliminated by the judges. This year there is also a tube radio class and separate prizes and trophies will be awarded for all tube reception.

PRIZES

Trophies will be awarded to the top three finishers. All entrants will receive a certificate of participation in the 1991 NADXC with their place of finish indicated on the certificate. First place in both classes will receive a certificate redeemable for a book of their choice, up to \$20 value, from Universal Shortwave Radio.

SCORING

Contestants are to log as many stations as possible from as many countries as possible. The first station logged from each country = 1 point. The second station from each country = 3 points; each additional station from that country = 5 points. For contest purposes, all clandestine stations and hobby pirate transmissions will be considered one "country." A station is a shortwave broadcaster whose transmissions are intended for reception by the general public. Each transmitter site of a broadcasting organization will count as a separate station. Different services of the same broadcast organization do not count as separate stations. Transmissions of a single broadcast organization on various frequencies may only be counted once. The use of multiple frequencies does not create as many new stations as frequencies used. For country counting and station counting purposes, the country list of the North American Shortwave Association (45 Wildflower Road, Levittown, PA 19057) will be the sole criterion. Utility stations may not be counted for this contest.

Participants are required to submit a running log to include country, station, frequency, time, date, SINPO, and the basis of station identification (i.e., spoken ID, interval signal, language, program, known//frequency checked, etc.).

Each contestant is required to total his own entry and provide a summary of the number of countries and stations claimed to support the point totals (a sample log sheet may be obtained for a SASE from the address below). Logs will be judged on accuracy, completeness and neatness. If the judges cannot read a log, that log will not be counted for scoring purposes. The decision of the judges is final.

FEES

An administrative fee of \$3.00 plus a business-size SASE must be provided with contest entry. All entries must be postmarked by 1 March 1991 and sent to:

Dr. Harold Cones
2 Whits Court
Newport News, VA 23606 USA

Results of the contest should be available in May and will be sent to each participant and all ANARC member clubs for publication.

Good luck from the 1991 NADXC Administrative Committee - Harold Cones, John Fisher, and Rich D'Angelo.

CONTINUOUS TUNING

Edward Janusz
Box 149
Bricktown, NJ 08723-0149

Grrr!



Uh, OK, Emmett...you can have your masthead back...nice kitty!

SPEEDX Happenings

Please join me in welcoming our newest editor, Don Weber, whose "Trash and Treasure" column is a compendium of stuff which isn't QSL's or schedules but which you can get cheap or free from radio stations and their friends. Check it out, and start contributing!

Another Station?

R. C. Watts (good to hear from you again!) writes in from Kentucky: "I heard the University Network, P. O. Box 1, Los Angeles, CA 90053, with Dr. Gene Scott on the Caribbean Beacon (1610 kHz) at about 06:45 UTC playing music and asking for reception reports of their parallel SW broadcast via KVOH, 9785 kHz, 1-800-338-3030 in the USA, or collect from overseas, 818-240-8151. I called in and gave a report at 07:05, and it was read by 07:10, along with one from Trinidad and one from Texas. It's apparently on for 4 hours, 04:00 to KVOH's signoff a little after 08:00 UTC. Great to hear a live test on both MW and SW!"

Radio Prague International: Some Programmes

These are English to North America, heard 01:00-01:30 and 03:00-03:30.

MONDAY: Sports Roundup; Lifestyle; Culture

TUESDAY: The Observer; Culture

WEDNESDAY: DX Special; Mailbag

THURSDAY: Opinion; Ecology

FRIDAY: Economy; Tip for a Trip

SATURDAY: Czechoslovakia This Week; Mailbag; Airmail Special; Stamp Corner (alternating with) Science and Technology

SUNDAY: Scrapbook (Colyard's favorite); Encore!!!

What a difference a Velvet Revolution makes: This used to be the all-time sedative station (it wasn't even as weird as some of the others, just boring), and now it's just about the liveliest radio fare you can catch. (Tnx John Carson)

HCJB: Some Programmes

QUITO CALLING: Sat/Sun 16:30 on 21480 kHz, beamed to the Middle East, with Dee Balenko on Saturdays and Jan Shoher on Sundays; special QSL cards available. If you have friends or family in the Gulf and want to say hi via radio, you can send a FAX (593-2-447-263) to HCJB, and they'll do their best to get it on the air for you.

DATELINE 90: 1/14--"The most pervasive shaper of society and values is TV. We consider how accurate the view in the box is when it comes to big-business religion."

1/21--What constitutes a family in this decade?

1/28--How can we cope with sensory overload?

2/4--The "post-baby boomers" join the workforce.

2/11--Male-female friendships. What's so worthwhile about them? Are they really possible/ And is the reward worth the effort?

2/18--The attempts of disabled people to live productive lives.

2/25--Is Biblical Christianity just for kids?

DX PARTYLINE: Special features not announced at this time of writing, but the regular reports remain as previous.

HAPPINESS IS (Tuesday Edition): 1/8--The Days of Innocence in Ecuador.

1/29--A typical Ecuadorian open-air market.

CHILE: Current SW Activity, by Gabriel Iván Barrera

Radio Minería, Santiago, 9750 kHz. Mon-Sat 09:30-12:00, 15:30-18:00, 21:30-23:00. Sun 12:00-12:30 and 13:00v-23:00v (sports programming).

Radio Universidad de Concepción, Concepción, 6060 kHz (ex 6135 kHz). Daily, 10:00-23:00.

Radio Patagonia Chilena, Coyhaique, 6080 kHz. Daily, 11:00- 23:00.

Radio Santa María, Coyhaique, 6030v. Mon-Sat 09:00-03:00, Sun 10:30-02:00.

Radio Esperanza, Temuco, 6090v. Mon-Sat 13:00-20:00, Sat also 03:00-10:00. Sun 10:00-03:00. GIB notes that this one varies to 6088.6 kHz.

Radio Esperanza, Comuna La Reina, Santiago, 6815v. Gabriel has only heard this one since October 6; it varies from 6812.4 to 6815.6 kHz; their announced schedule is only Friday 22:30 to Sat 03:00, and Sat-Sun 12:00-14:00.

Radio Triunfal Evangélica, Comuna Cerro Navia, Santiago, 5825.1 kHz. Mon-Wed, Fri-Sat 22:00-02:00 (local days). Spotlighted in last month's column.

Radio Nacional de Chile, Santiago, 15139.4 kHz. Currently heard from 01:00v-02:30v with a religious programme, "Cristo tú única Esperanza." According to the station manager, Radio Nacional will soon be INACTIVE on SW, as its programming is being restructured, and the government considers that this frequency is not economically productive. (I was hoping for an international service--ej).

TWR-MONACO: English schedule

07:40-09:50, 9480 (to 09:35 on Friday)

09:55-10:50, 11655 (Saturday only) (Tnx Richard Lemke).

Radio Portugal: Some Programmes

MONDAY: Welcome to Portugal

TUESDAY: Music Time

WEDNESDAY: The Challenge of '92

THURSDAY: Portugal Past and Present

FRIDAY: Mailbag/Lusiad Friendship Club (alternating with) DX Program; Collectors' Corner

(Tnx Vittorio Mantegazza.) "The Challenge of '92" is about the European Community and Portugal's role in it. For some reason, I've been on an EC kick lately, so I find this to be an interesting programme.

Qatar Broadcasting System

Look for them in Arabic on 11820 (05:45-10:05), 21565 (11:00-20:05), and 9585 (20:05-00:30). I saw 10080 listed for English, but they meant 100.8 FM.... (Tnx Jim Evans.)

Advice From Baghdad Betty

As transcribed by Sgt. 1st Class Joseph Torregrossa...

"Why are you Americans here? Don't you know you will die in the desert? While you are here, your wives and girlfriends are dating American movie stars...like Tom Selleck, Paul Newman, and Bart Simpson."

(THE OUTLOOK, Dec 5; tnx James Kline.) I could say something, but why?

The Continuous Contest

We've got some excellent returns for the "Magical Receiver" essay contest (c. f. 11/90); but, just in case you haven't gotten around to sending in your long-promised entry (and just to prove that I'm not such a bad guy after all), I'm extending the deadline to JANUARY 30th. Our judges are waiting...and I'm looking forward to having some *fun* with this one!

There'll be another contest next month. I should start one now, but I'm busy thinking about what I'll put on the next couple of pages....

RCI Catches A Break

The cuts made to CBC's budget total CN\$108 million and 1,000 jobs; but CBC television is absorbing most of this. As of early in December, there will be no local programming on any CBC television station except for two newscasts per province, and ten stations will be closed entirely.

CBC has become convinced that radio is a better medium for coverage of local events, especially in smaller markets; television is simply so expensive and cumbersome that the per-viewer costs in a small market (and, with a handful of exceptions, Canada's markets are small) get out of hand very quickly.

Anyway, Radio Canada International will be around until at least the end of March. After that, CBC will no longer pay for it, and, if RCI is to continue, it will probably be funded directly by the Ministry of External Affairs. This Ministry--equivalent to the U. S. State Department--actually controlled RCI until 1968, and an all-party Parliamentary committee had recently recommended that RCI shouldn't be part of the CBC anyway.

When I listen to RCI, it's usually to "North Country" and the repeats of the weekend programmes that take up the second half of that hour. A couple of Tuesdays ago, I heard Ian McFarland tell me to get a pen, because he was going to give out the Fax numbers for Prime Minister Mulroney, Foreign Minister Clark, and Minister of Communications Marcel Masse. I said, "Okay, hold on for a minute while I find some paper." "Hurry up," said Ian, "this is important!" "Got it," I said, and he read off the numbers.

That evening, SPEEDXer Bob Miller called me up and said, "So, did you copy down the Prime Minister's Fax number? Wasn't that a riot?" I thought about it and had to agree that, yes, this took some nerve on Ian's part. Armed with this wisdom, I wrote a letter a couple of days later and eventually found a Fax machine, but, by then, Mr. Mulroney had taken the phone line out (too many Faxes from irritable SWLers?), so I had to mail it, which somehow seems less of an imposition on his good offices.

"Judith, do you think External Affairs will want to keep me around?" "I don't know, Ian, I think that's a kicker; but right now we've got a letter from...."

(Txn *World At Six; As It Happens*; Bob Miller; Bill Westenhaver; and Larry Shewchuk writing in the *CIDX Messenger*.)

WWCR: Killing Time

In last month's "Western Hemisphere" column, Don Thornton wondered how "World of Radio" and its host, the noted anti-cleric Glenn Hauser, would go over with the proprietors of its new home, World Wide Christian Radio. Intrigued by this concept, I gave WWCR a listen.

Yes, there is Christian broadcasting on WWCR; it's not my intent to discuss these programmes, except to say that they tend to be hidden away in the afternoons, well out of prime time. There's more to WWCR than this, though; and, no matter what you think of gh (personally, I like gh's programme, and think he's the funky godfather of DX redaction), I can't imagine that anybody could find "WoR" either the most puerile or the most offensive of this unusual station's many offerings.

There isn't much to say about the "pirates gone legit." Radio New York International seems to get a lot of mail; the one night I sat down and listened to them, they had a lot of talk about how great "free alternative radio" is, interspersed with cutting-edge favorites such as "Rhiannon" and, of course, "Sara Smile." Great for those who like FM, and for the exploited masses who can't hear Fleetwood Mac anywhere else.

A similarly-named pirate (Radio Free New York) is on Saturday nights; Rich D'Angelo heard them with a pro-marijuana rap a few weeks ago. "Yeah, man, really rad," I said, "I gotta listen to these dudes, man." But I forgot, I guess. I dunno. This is OLD! Grow up already, willya?

Weeknights, as many of you have noted, WWCR has a discussion programme called "Radio Free America." In case you were wondering about its ubiquitous sponsor, The Spotlight, let me fill you in on what I've been able to learn.

The Spotlight is published by the Liberty Lobby, a group which some years ago got in trouble with the Federal Election Commission for an article entitled "Jimmy Carter's Cocaine Connection." They have claimed that the Trilateralist Commission (of which President Bush is a member) is, for some nefarious purpose, maneuvering American farmers into mass bankruptcy; and--this is totally disgusting, though they chose to make it a feature story--that *THE DIARY OF ANNE FRANK* is a fraud. That should tell you who these people are. I haven't heard any revisionist history on "Radio Free America" in 3 or 4 nights of listening (don't say I never went the extra mile for the DXing community!); which is not to say that they haven't found plenty of people to blame for various social and economic problems we may have (or they think we have). But that's who's sponsoring it, and I can only think that the host, a Mr. Tom Valentine, is doing a slicked-up version ("we're not Nazis, we're just a bunch of 100% Americans") of the Liberty Lobby philosophy, and preparing the more disaffected of his listeners for the political pornography that is found in a rougher form within the sponsor's newspaper.

WWCR might consider changing its call letters or its ID. But I don't know. Perhaps a station can endorse the views of (or at least the backs of checks from) the Liberty Lobby and still call itself "Christian Radio." The term "hypocrites" comes to mind. If they know what they have here, that's what they are. If they don't, I wonder what they think they have?

Thanks to the research staffs at the Ocean County Library System and at NATIONAL REVIEW for their assistance. Opinions and beliefs expressed in this article are my own; I don't speak on behalf of SPEEDX, its staff, or its membership. ej.

Christian Science Radio: Frequency Changes

As of 1 January, WSHB will be heard at 12:00 UTC on 13670, ex-11930. At the same time, KHBI has several changes in store: At 12:00, 9475 replaces 9895; at 16:00, 13625 replaces 15610; and, at 22:00, 15340 and 13625 replace 15405 and 15275.

Last year, I recall, the Christian Science Monitor was rather seriously in debt, and there was some concern about its long-range survival. Are they in better shape now?

Another Letter

If you want to help support domestic shortwave, Jeff White (Radio Miami International) could sure use a few letters addressed to:

Mr. Alfred Sikes

The Federal Communications Commission

1919 M Street N. W.

Washington, DC 20554

The docket number regarding Mr. White's attempts to get on the air is BPIP 90073 ONB. As discussed in previous editions of this bulletin, Radio Miami International is looking for a waiver of international broadcasting rules in order to build only a 10-kW transmitter to serve the near Caribbean area. (Via "World of Radio," tnx gh.)

The Return of Kent Willis

Yes, we do have a technical column. Kent called me the other day and said that he'd just returned from 3 months overseas, doing some work for the government, and was unable to maintain contact with us during that time

(don't ask; it's security). He's back in Kentucky, and "Technically Speaking" will resume next month.

Wrappin' Up...

First, I hope nobody drove out to Montgomeryville last month--the meeting was cancelled, and I didn't find out until too late. The Winter SWL Festival probably *will* exist. I've even been asked to serve on one of the panels, though that might be some kind of plot, you never know....

We have yet another new column debuting this month. In *PUBLIC MEETING*, various SPEEDX staffers will take turns discussing what's going on in the club, in ANARC, and in the organized shortwave hobbyist world in general. Just think of it as an experiment in democracy.... As an addendum to this month's entry (by Rich), let me add that ANARC looks like it's becoming more stable, and, after a few growing pains and miscommunications, Interim Secretary Sheldon Harvey seems to be getting a consensus together for a revitalized ANARC and a new agenda.

Just in case anybody listened to "The Sorrows of Young Werther" and was wondering...no, I'm not THAT extreme. I found, a little later on, an occasional programme that, unlike Goethe's wonderful novel and the BBC's outstanding presentation, is totally--and quite by design--artless, makes no claims to cosmic profundity, and is read by amateurs who probably never dreamed that they'd be on the radio. And it had about 1,000 times the effect on me. It's "Letters From Home," on the Voice of America.

73's, Zhh'e



LATIN NOTEBOOK

Carl Huffaker
Domicilio Conocido
Huasca de Ocampo, Edo. Hidalgo
MEXICO C. P. 43500



Perhaps it's time for an overview of tropical-band Central America. It's winter; the static is at its lowest level; and 120, 90, and 60 meters are coming through. In Guatemala especially, the stations are bilingual in Spanish and one of the Mayan dialects, and some in Spanish and English, so an overview is probably more useful than a series of brief reception reports.

GUATEMALA

La Voz de Atitlán, 2390 kHz, is located in Santiago Atitlán, Depto. Sololá. They are audible in the evening after Mexico's Radio Huayacocotla signs off at 01:10 until their own signoff at 02:30. Evening programs are usually requests for popular Latin American music and long lists of dedications. Huayacocotla doesn't broadcast on Sundays, so the station is in the clear on Sunday evenings for its program of tropical music. The broadcasts are in Tzutuhuil, but they seem to be adding more Spanish, and the programs are less educational and directed towards a younger group.

Radio Cultural, in Guatemala (City), retains its 3300 kHz outlet. The programs are in Spanish and English, in the standard evangelical format. Late-night programs are music only, and ID as "Radio Cultural-FM." The station has long been a target for government restrictions on operation and program content.

Radio Maya de Barillas is located in Santa Cruz Barillas, Huehuetenango. They are active on 3325 kHz, where a strong UTE on the upper edge of their frequency often makes reception difficult. Their 2360 kHz outlet has been inactive during the past year. Programs are in K'anjobal and Spanish.

La Voz de Nahualá is in Nahualá, Depto. Sololá. They broadcast in Quiché, Cakchiquel, and Spanish on 3360 kHz. They've recently reactivated their outlet on 5040 kHz, but that is a poor frequency which I've only been able to copy around local sunset before the interference builds up.

Radio Tezulutlán, located in Coban, Alta Verapaz, broadcasts in Kek'chi and Spanish. Recent announcements indicate Kek'chi and four other Indian languages on 90 and 60 meters, with Spanish only heard on the FM outlet; but religious and special broadcasts, as well as ID's, are in Spanish, so it remains an active language on the tropical band outlets. The station operates parallel transmissions on 3370 and 4835 kHz. Some ID's give their location as San Cristobal, Alta Verapaz, which is the transmitter site.

Radio Chortis, located in Jocatán, Depto. Chiquimula, broadcasts on 3380 kHz. Originally, their language was Chorti, but so few could understand the dialect that Spanish is now the broadcast language.

Radio Buenas Nuevas, 4800 kHz, in San Sebastián Huehuetenango, Depto. Huehuetenango, is an evangelistic station broadcasting in Mam and Spanish. It's a relatively clear frequency, and they have a strong signal mornings and evenings.

Radio Kek'chi, on 4845 kHz, broadcasts from Fray Bartolomé de Las Casas, Alta Verapaz. They're Baptist, and broadcast in Kek'chi and Spanish.

HONDURAS

Radio Luz y Vida broadcasts on 3250 kHz from San Luis, Santa Barbara. They're on the air mornings and evenings with evangelistic programs in Spanish and English.

Sani Radio, 4755 kHz, is located in Puerto Lempira, Gracias a Dios. They came on the air in 1986 as an educational station for the Moskito Indian refugees from Nicaragua. They broadcast in Moskito and Spanish; but, because of their daytime-only hours, they're not often reported from the States.

La Voz de la Mosquitia, on 4910 kHz and also in Puerto Lempira, is currently inactive. They broadcast in Spanish and English, largely from evangelistic tapes. They have a long history of transmitter problems and should reactivate soon.

COSTA RICA

Radio Reloj de Costa Rica, that all-time favorite, is absent from 4832 kHz. But, with their on-again, off-again history, this is probably only temporary.

Radio Impacto, 5030 kHz, has been sold to someone without much interest in shortwave; but that transmitter is in operating condition, and could appear as a new station before long.

MEXICO

Radio Huayacocotla continues on 2390 kHz as Mexico's only tropical-band station. Although their orientation is towards the Indians, they broadcast only in Spanish. Their new transmitter is operational, and the old one remains as a standby for emergency use.

There are a lot of silent stations, and silent countries, in Central America, but, as the revolutions wind down, some voices should reappear.



WHAT'S ON UPDATE



ENGLISH BROADCAST TO NORTH AMERICA
Daniel Sampson 4 Turtle St. Arcadia, WI 54612

CHANGES ENTERED NOVEMBER 17-DECEMBER 14, 1990

| UTC Time | Station | Notes | Frequencies |
|-----------|---------------------|----------|---------------------------------------------------------------------------------------------------|
| 0000-0015 | R. Prague, Czech. | Tu-Su | 11990; 9540; 7345 |
| 0000-0030 | R. Prague, Czech. | M | 11990; 9540; 7345 |
| 0000-0050 | R. Pyongyang, N.K. | --- | 15115; 13760; 11335 |
| 0000-0100 | R. Moscow, U.S.S.R. | NAm svce | 21480; 17605; 15425; 12050; 9765; 9685; 7310; 7150; 7115Bu; 6045Cu; 6000Cu |
| 0030-0200 | R. Australia | --- | 21740 |
| 0030-0430 | HCJB, Ecuador | --- | 15155; 9745 |
| 0100-0130 | R. Prague, Czech. | --- | 9540; 7345; 5930 |
| 0100-0200 | R. Moscow, U.S.S.R. | NAm svce | 21480; 17665; 17605; 15425; 12050; 9765; 9685; 7310; 7150; 7115Bu; 6045Cu; 6000Cu |
| 0200-0300 | R. Australia | --- | 21740; 17795 |
| 0200-0400 | R. Moscow, U.S.S.R. | NAm svce | 15425; 11710; 9765; 9685; 7310; 7150; 7115Bu; 6045Cu; 6000Cu |
| 0230-0400 | R. Dubai, U.A.E. | --- | 15435; 15400; 13675; 11945 |
| 0300-0330 | R. Prague, Czech. | --- | 9540; 7345; 5930 |
| 0300-0400 | R. Australia | --- | 17795 |
| 0300-0400 | R. Japan | Gen svce | 5960S |
| 0310-0327 | Red Cross, Switz. | --- | 12035; 9885; 9725; 6135 -- |
| 0400-0415 | R. Prague, Czech. | --- | 9540; 7345; 5930 |
| 0400-0500 | R. Australia | --- | 17715; 15530; 15160 |
| 0400-0530 | R. Moscow, U.S.S.R. | NAm svce | 17780; 17720; 15180; 12050; 12010; 11710; 9895 |
| 0500-0600 | R. Australia | --- | 15530; 15160 |
| 0500-0700 | HCJB, Ecuador | --- | 15155; 9745 |
| 0530-0630 | R. Moscow, U.S.S.R. | NAm svce | 17780; 17720; 15180; 12050; 12010; 11710; 9895; 9550; 7270 |
| 0600-0630 | R. Australia | --- | 15530 |
| 0630-0800 | R. Moscow, U.S.S.R. | NAm svce | 17780; 17720; 15180; 12050; 12010; 11710; 9895; 9825; 9795; 9550; 7340; 7270; 7175; 5905 |
| 0630-0830 | R. Australia | --- | 13705 |
| 0830-0930 | R. Australia | --- | 13705; 9580 |
| 0930-1500 | R. Australia | --- | 9580 |
| 1100-1150 | R. Pyongyang, N.K. | --- | 11335; 9977; 6576 |
| 1100-1330 | BBC, U.K. | --- | 15220; 9740F; 5965S |
| 1300-1350 | R. Pyongyang, N.K. | --- | 15230 |
| 1330-1400 | BBC, U.K. | Su | 15220; 5965S |
| 1400-1435 | R. Finland | Sa | 21550; 15400 |
| 1400-1445 | R. Finland | Su | 21550; 15400 |
| 1400-1500 | R. Moscow, U.S.S.R. | Wld svce | 11840Cu |
| 1500-1600 | R. Moscow, U.S.S.R. | Wld svce | 17790; 15465; 15345; 13705; 11840Cu |
| 1530-1600 | R. Sweden | --- | 21500; 17880 or 17875 |
| 2200-2400 | BBC, U.K. | --- | 9915; 9590S; 7325; 6175S; 5975An |
| 2300-2325 | kol Israel | --- | 11605; 9435; 7465 |
| 2300-2350 | R. Pyongyang, N.K. | --- | 13650; 11700 |

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

*** DX AND OTHER SWL PROGRAMS FOR SATURDAY ***

| UTC | STATION / PROGRAM | FREQUENCIES | | | | |
|-------|-------------------------|-------------|----------------|----------------------|-------|--------------|
| 0900 | KTWR, Letters from You | 11805 | | | | |
| 1000 | BRT, Radio World | 13675 | 21810 | 6035 | | |
| 1007 | HCJB, DX Party Line | 9745 | 11925 | | | |
| 1010 | Communications World | 5985 | 11715 | 15155 | 15425 | |
| 1015 | SRI, Merry-Go-Round | 13685 | 17670 | 21695 | 9560 | |
| 1115 | SRI, Merry-Go-Round | 13635 | 15570 | 17830 | 21770 | |
| 1130 | Bonaire Wavelengths | 11815 | 15345 | | | |
| 1130 | RBH, Calling DXers | 15220 | 15160 | 11910 | 9835 | 9585 |
| 1200 | Radio Tashkent, Letters | 11860 | 15470 | 17740 | 9540 | 9600 |
| 1210 | Communications World | 15425 | 9760 | 6110 | 11715 | 15155 |
| 1330 | Radio Finland, Air Mail | 15400 | 21550 | (phone 203-688-5540) | | |
| 1330 | Radio Tashkent, DX Pgm | 15470 | 9540 | 11860 | 17740 | (2nd Sat) |
| 1345 | SRI, Merry-Go-Round | 21695 | 13635 | 15570 | 17830 | 11695 |
| 1400 | BRT, Radio World | 21810 | | | | |
| 1500 | KBCNQS, Basic Black | 9625 | (416-975-6106) | | | |
| 1515 | KTWR, Letters from You | 11650 | | | | |
| 1545 | SRI, Merry-Go-Round | 17830 | 13685 | 21630 | 15430 | |
| 1630 | KSDA, DX Asia Waves | 11980 | | | | |
| 1710 | Communications World | 9760 | 15205 | 6040 | | |
| 1710 | VOA, Mailbag Africa | 15580 | 15410 | 17800 | | |
| 1800 | KBCNQS, Media File | 9625 | | | | |
| 1830 | BRT, Radio World | 17550 | 21815 | 5910 | | |
| 1845 | SRI, Merry-Go-Round | 11955 | 9885 | | | |
| 1907 | HCJB, DX Party Line | 17790 | 15270 | 21480 | | |
| 1915 | RHC, DXers Unlimited | 15435 | | | | |
| 1925 | REE, DX Spot | 15395 | 15375 | 11790 | 9875 | |
| 1930 | RFPI, World of Radio | 21565 | 13630 | | | |
| 2030v | Radio Romania, DX Mail | 5990 | 11940 | 11810 | 9570 | 9690 |
| 2110 | Communications World | 15205 | 9760 | 15410 | 17800 | 11760 |
| 2115 | SRI, Merry-Go-Round | 13635 | 9885 | 15525 | 12035 | |
| 2125 | REE, DX Spot | 9875 | | | | |
| 2125 | TRT Turkey, DX Corner | 9795 | (2wks) | | | |
| 2150 | BBC, Write-On | 15260 | 12095 | 15070 | | |
| 2200 | BRT, Radio World | 9925 | 5910 | 15515 | | |
| 2200 | RCI, Listener's Corner | 9760 | 11945 | | | |
| 2310 | Radio Moscow, Mailbag | 11710 | 11930 | 9685 | 9765 | |
| 2325 | TRT Turkey, DX Corner | 9445 | 17880 | 9665 | 9795 | (2wks) |
| 2330 | KSDA, DX Asia Waves | 15610 | | | | |
| 0025 | REE, DX Spot | 11880 | 9630 | | | |
| 0030 | BRT, Radio World | 9925 | 13675 | | | |
| 0030 | Hello from Kiev | 7400 | 9750 | 15180 | 17690 | 17720 (2wks) |
| 0030 | RHC, DXers Unlimited | 11820 | | | | |
| 0030 | WRNO, World of Radio | 15420 | 7355 | | | |
| 0035 | RCI, SWL Digest | 5960 | 9755 | | | |
| 0037 | HCJB, DX Party Line | 9745 | 15155 | | | |
| 0110 | Communications World | 9455 | 6130 | 5995 | 9775 | 11580 15205 |
| 0110 | Radio Moscow, Mailbag | 11710 | 9765 | 9685 | 7150 | 7115 6045 |
| 0115 | Deutsche Welle, Mail | 6145 | 11865 | 9565 | 15105 | 6040 (2wks) |
| 0115 | Radio Prague, Mailbag | 5930 | 7345 | 9540 | | |
| 0125 | REE, DX Spot | 11880 | 9630 | | | |
| 0135 | RCI, Listener's Corner | 13720 | 11940 | 9755 | 9535 | |
| 0200v | RFPI, World of Radio | 13630 | 21565 | 7375 | | |
| 0215 | SRI, Merry-Go-Round | 6135 | 12035 | 6095 | 9650 | 9885 17730RB |
| 0230 | KSDA, DX Asia Waves | 13720 | | | | |
| 0230v | Radio Romania, DX Mail | 9570 | 11940 | 6155 | 9510 | 5990 11830 |
| 0230 | VOFC, Mailbag Time | 5950 | 9680 | 11740 | 15345 | 9765 11860 |
| 0235 | RHC, DXers Unlimited | 11820 | 9505 | | | |
| 0237 | HCJB, DX Party Line | 15155 | 9745 | | | |
| 0310 | Radio Moscow, Mailbag | 9765 | 9685 | 7150 | 7115 | 6045 6000 |
| 0315 | Deutsche Welle, Mail | 9545 | 6085 | 11810 | 15205 | (2wks) |
| 0315 | Radio Prague, Mailbag | 5930 | 7345 | 9540 | | |
| 0330 | Bonaire Wavelengths | 11930 | 9535 | | | |
| 0330 | NHK, DX Corner | 5960S | 17810 | 15195 | | |
| 0350 | BBC, Write-On | 5975 | 7325 | 9410 | 12095 | |
| 0415 | SRI, Merry-Go-Round | 6135 | 9650 | 9885 | 12035 | |
| 0425 | TRT Turkey, DX Corner | 9445 | 17880 | (2wks) | | |
| 0435 | RHC, DXers Unlimited | 11820 | 9505 | | | |
| 0445v | RFPI, World of Radio | 7375 | | | | |
| 0507 | HCJB, DX Party Line | 9745 | 15155 | | | |
| 0525 | REE, DX Spot | 9630 | | | | |
| 0545 | BBC, Letter/America | 9410 | 5975 | 7325 | | |
| 0630v | RFPI, World of Radio | 7375 | | | | |
| 0635 | RHC, DXers Unlimited | 11835 | | | | |
| 0730 | VOFC, Mailbag Time | 5950 | | | | |
| 0750 | BBC, Write-On | 5975 | 7325 | 9410 | 12095 | 9640 |

SATURDAY

*** DX AND OTHER SWL PROGRAMS FOR SUNDAY ***

| UTC | STATION / PROGRAM | FREQUENCIES |
|-------|-------------------------|-----------------------------------------------|
| 0815 | IRRS, Mailbag | 9815 (alt 9860) |
| 0835 | SRI, Grapevine | 13685 9560 17670 21695 (1st & 3rd Sun) |
| 0840 | AWR Forli, DX Corner | 7230 |
| 0840 | KTWR, Letters from You | 15200 |
| 0915 | AWR Portugal, DX Pgm | 9670 |
| 1005 | SRI, Grapevine | 13685 17670 21695 9560 (1st & 3rd Sun) |
| 1030 | RN, Happy Station | 6020 11890 |
| 1045 | IRRS, Play DX | 9815 (2nd sunday) |
| 1115 | BBC, Short Story | 5965 12095 15070 |
| 1115 | NHK, Hello from Tokyo | 6120 11815 11840 |
| 1130 | Austrian SW Panarama | 21490 15430 13730 11780 6155 |
| 1135 | R. Korea, SW Feedback | 9650S (via RCI) |
| 1200 | Radio Tashkent, DX Pgm | 11860 15470 17740 9715 9600 (Sat repeat) |
| 1230 | TIAWR, Costa Rica Today | 9725 11870 |
| 1245 | R. Korea, SW Feedback | 9750 |
| 1245 | RFI, P.O. Box 9516 | 17650 21635 21645 15195 11670 |
| 1335 | SRI, Grapevine | 21695 13635 15570 17830 11695 7480 |
| 1400 | RCI, Sunday Morning | 17820 11955 9625NQS |
| 1415 | NHK, Hello from Tokyo | 9505 11815 |
| 1430 | ABC, Communicator | 9580 6060 6080 7205 9770 |
| 1430 | Austrian SW Panarama | 13730 6155 |
| 1430 | R. Korea, SW Feedback | 9570 |
| 1430 | RFI, P.O. Box 9516 | 21770 11910 |
| 1500 | KW3F, ANARC SWL Net | 7240 (LSB - 10AM et) |
| 1525 | NHK, DX Corner | 21700G 11815 9505 |
| 1535 | SRI, Grapevine | 17830 13685 21630 15430 (1st & 3rd Sun) |
| 1630 | RFI, P.O. Box 9516 | 17620 17850 15360 11705 17795 6175 |
| 1645 | BBC, Letter/America | 11775 15260 15070 |
| 1830 | RCI, SWL Digest | 13670 15260 17820 |
| 1830 | RN, Happy Station | 21685 6020 15560 17605 |
| 1835 | SRI, Grapevine | 11955 9885 |
| 1900 | VOA, Mailbag Africa | 15410 15580 21625 17800 |
| 1915 | REE, Radio Club | 15395 15375 11790 9875 |
| 2020 | Kol Israel, DX Corner | 11605 17630 9435 7465 |
| 2030 | RN, Happy Station | 11660 13700 9855 |
| 2100 | R. Korea, SW Feedback | 15575 7550 6480 |
| 2105 | SRI, Grapevine | 13635 9885 15525 12035 (1st & 3rd Sun) |
| 2125 | NHK, DX Corner | 21610 17810 17765 15270 |
| 2130v | WRNO, World of Radio | 15420 |
| 2135 | RCI, Listener's Corner | 11880 15150 17820 13670 |
| 2230 | RPPI, World of Radio | 21565 13630 |
| 2230 | VOFC, Mailbag Time | 9852 11915 |
| 2235 | RCI, SWL Digest | 9760 11945 |
| 2250 | Kol Israel, DX Corner | 11605 9435 7465 17575 11655 |
| 2300 | RCI, SWL Digest | 9755 11730 |
| 2300 | Radio Vilnius, DX Club | 7400 9750 15180 17690 17720 (last Sunday) |
| 2315 | BBC, Letter/America | 12095 15070 15260 5975 |
| 2315 | NHK, Hello from Tokyo | 17810 21610 11865 15195 17765 |
| 0005 | RCI, Air Farce | 9755 5960 |
| 0020 | Kol Israel, DX Corner | 9435 11605 7465 |
| 0030 | R. Korea, SW Feedback | 15575 |
| 0030 | RCI, Double Exposure | 5960 9755 |
| 0030 | Sunday with Radio Kiev | 7400 9750 15180 17690 17720 |
| 0030 | RN, Happy Station | 15560 6020 6165 |
| 0110 | Radio Prague, Scrapbook | 5930 7345 9540 |
| 0125 | DW, Random Selection | 6145 11865 9565 15105 6040 13610 11890 |
| 0130 | NHK, DX Corner | 17810 17835 17845 |
| 0130 | RCI, Listener's Corner | 5960 9755 11905 |
| 0130 | WWCR, World of Radio | 7520 |
| 0200 | WWCR, Radio N.Y. Int | 7520 (ph 1-800-736-9764) |
| 0205 | SRI, Grapevine | 12035 6095 6135 9650 9885 17730RB |
| 0210 | Kol, Listeners Mail | 11605 9435 7465 |
| 0310 | Radio Prague, Scrapbook | 5930 7345 9540 |
| 0315 | Radio Moscow, Mailbag | 9685 7310 7150 7115 6045 6000 |
| 0330 | DW, Random Selection | 9545 6085 11810 15205 11890 13770 6040 |
| 0330 | VOFC, Mailbag Time | 5950 9680 15345 9765 11860 11740 |
| 0330 | RN, Happy Station | 11720 9590 |
| 0330 | RNZ, Mailbox | 17675 (1st & 3rd Mon) (repeated friday @1905) |
| 0405 | SRI, Grapevine | 12035 6135 9650 9885 (1st & 3rd Sun) |
| 0500v | RPPI, World of Radio | 7375 |
| 0515 | Radio Moscow, Mailbag | 9685 7115 6045 |
| 0530 | BBC, Waveguide | 5975 9410 9670 11940L |
| 0530 | DW, Random Selection | 5960 6120 9670 11845 11705 11890 13770 |
| 0630 | R. Korea, SW Feedback | 9570 11830 7275 |
| 0730 | ABC, Communicator | 9655 15162 17715 |

THE SPEEDX EDITORIAL OPINION PAGE A PUBLIC MEETING FORUM FOR CLUB MEMBERS

Guest Editor: Richard A. D'Angelo, 2216 Burkey Drive, Wyomissing, PA 19610 USA

Welcome to the first of hopefully many periodic features devoted to discussions about your club and the hobby. Essentially the brainchild of Publisher Ed Janusz, this column is designed to hear your opinions and allow the club's management an opportunity to discuss subjects with the membership. It's an opportunity for some accountability which is important in a democratic organization. Feedback can be sent directly to Board of Directors (BOD) members or to this column. Opinions can be controversial, so expect some excitement. Until a decision is reached concerning the future editor of this spot, send your comments to Woody Seymour.

Your BOD conducts its formal business through a written round robin letter. A full circuit generally takes about four weeks. Unfortunately, that process broke down during the summer with the BOD taking an unexplained 4+ month hiatus. Fortunately, Vice President Peggy Thompson exercised sound management leadership in reinstating your club's only management communications tool. Thanks Peggy!

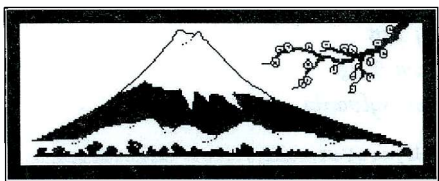
November's bulletin carried "The SPEEDX Membership Poll" which was developed by the Editorial Committee with Woody Seymour and Ed Janusz leading the effort. Personally, I think they did a superb job. It's important that we receive a good response rate. The survey will help the Editorial Committee and the BOD address the needs of our membership. Through the recruiting efforts of Bob Thunberg and Ed Janusz, the club has been very successful in attracting new members. Unfortunately, the club's renewal rate has been unsatisfactory. Consequently, growth has been sluggish. We need to hear from you.

Perhaps it's my imagination, but does the unification of the two Germanys sound like a "conquest" rather than a "merger" when discussing Radio Deutsche Welle and Radio Berlin International?? Essentially DW just pulled the plug on RBI while grabbing 10 transmitters in the former GDR. Only a small handful of RBI's employees have been retained by DW. Unification has meant unemployment for the people working at RBI. While RBI was far from a programming genius over the years, recent changes were encouraging. Hearing the societal changes direct from a broadcaster experiencing similar changes was exciting. That perspective is gone now. Can Deutsche Welle capture that excitement? I seriously doubt it! This "conquest" versus "merger" dilemma is something that has plagued your Board of Directors. Consequently, it has been impossible for me to achieve a consensus on the mergers/consolidations aspects of my election statement made in August 1989.

As many of you know, ANARC Interim Coordinator Sheldon Harvey announced the demise of the organization at the Virginia Beach ANARCON. However, a formal vote by the Executive Council and the ANARC Club Representatives never took place. Recently Sheldon realized that he made a very serious procedural error. Consequently, he is conducting a balloting to determine the future of ANARC. Briefly, Sheldon would like to 1) continue ANARC, 2) unilaterally drop the present ANARC Constitution, and 3) develop a new ANARC Constitution and create a new Executive Committee, thereby allowing Sheldon to serve as Executive Secretary. As your club's ANARC Representative, I consulted the club's management team. I received responses that helped shape the SPEEDX position from Peggy Thompson, Bob Thunberg and Ed Janusz. Due to time constraints engineered into the process, I couldn't receive a timely response from Carl Huffaker. Bill Westenhaver did not respond. The club response was very supportive of the continuation of ANARC; and we saw no reason why the current constitution needed to be replaced. We do not believe that circumventing the constitution to allow Sheldon to hold the ANARC Executive Secretary position while running CIDX is in the best interest of ANARC. During Sheldon's six-month term as Interim Coordinator there was no communication with the Club Representatives, no planning for another ANARCON, no ANARC Newsletter, and no search for a permanent Executive Secretary. Former ANARC Executive Secretary Dave Browne has come forward to volunteer his services in conjunction with SCADs. I will keep the membership informed about ANARC developments.

Please feel free to contact me, or any BOD member, about club matters at any time. Your input is valued. We, in turn, will express our views about club affairs. When elections roll around, the membership will have some way of assessing the candidates. Perspective candidates for the Board of Directors can utilize this forum as a sounding board for their ideas. Remember, this is your Public Meeting Forum.

Finally, keep in mind that the next BOD election is only months away. All full members should seriously consider participating in the electoral process. Only full members can hold office or vote in the Board of Directors election. If you're not a full member, it's time to get busy by contributing to the club's columns. Full member status is obtainable in only a few short months.



Taking the Rig Out: A Hike in Mino-o

*Ralph Famuloro
303 Plum Village
8-1 Satsukigaoka Kita
Suita-shi 565, JAPAN*

One of the unique things about Japan is that the countryside or the mountains are never far from the urban mass where most of the population resides. For someone such as myself, who enjoys a good day-hike, the situation provides a welcome escape into nature. So, during the steamy days of July, I had the bright idea to take my Sangean ATS- 803 and some longwire up to the nearby mountains of Mino-o, away from the electrical noise of Suita city.

Anyone who has been in the summer heat of Osaka might suggest that I should have taken a hike to a psychiatrist. But, after a brief ride to the northern end of the Osaka subway line and a fifteen-minute bus trip, I find myself standing in front of Mino-o station. A paved, sidewalk-less road winds and snakes its way slightly uphill, hemmed in on either side by old wooden buildings. These structures contain vending stalls and family storefronts where mostly elderly folks sell trinkets and souvenirs, mainly monkey dolls, monkey toys, beach balls and cloth bags with monkey illustrations, all in honor of the regionally-famous inhabitants of these mountains. In addition, several shops specialize in frying up crispy, but oily, "momiji tempura" or batter-fried maple leaves (not to be confused with the boys from Toronto). Further up the road, the small stores thin out and the street bends from side to side, following the course of the gushing stream below. Finally, I branch off the paved road, through a short tunnel and onto a little-used nature trail. The trail rises steeply at first, then levels off, rising again from time to time in lesser gradations. After about 25 minutes of huffing and puffing through pine, oak, and maple trees, I am drenched in sweat but have found my goal--a small group of picnic tables about 450 meters above the town.

I place the handy ATS-803A on the table and string out the longwire from the collapsed whip antenna to a nearby tree. The first thing I notice when scanning the higher frequencies is the absence of QRN on 11, 13, 16, and 19 meters, rendering the weakest of signals "listenable." Nothing new at first, but then again, it is 0700 UTC/4 PM local time on a summer afternoon. I find Moscow on 25780 with poor to fair overall quality but slowly strengthening. As I wait for dusk to approach (Japan stays on standard time all year), I am faced with the realization of a non-DX problem. Mosquitos! I brought all the equipment I needed except bug spray, and I think someone tipped off every insect on the mountain that there's a knucklehead with a radio unprotected in the woods.

So, as I slap off and swat some of these circling, buzzing creatures, I tune down to 31 meters and find the usual array of late-afternoon signals from the Western Hemisphere. Radio Nederland's Antilles relay on 9630, Radio Nacional de Paraguay on 9735, HCJB on 9745 and DW's Antigua relay on 9690. Around 5 PM I tune further "down" to 49 meters. I find the often-heard NHK, Sapporo on 6005. However, there's something out of the ordinary today: The programming is not in parallel with NHK's other First Network relays, but instead is broadcasting an all-Hokkaido high school baseball tournament.

Still fighting off the mosquitos, I begin to pick up weak signals on several more 49-meter band frequencies around 5:30. They are quickly strengthening, and I soon note, despite splatter from NSB, Tokyo, Radio Nacional de Argentina on 6060. I haven't heard this one since last winter! Two more signals intrigue me: One on 6160 and one on 6185. Patience, more mosquitos, patience. Just before 6 PM (0900 UTC), I've got one! Perhaps the catch of the day--the first time I've heard Radio Rio Mar, Brazil, 6160. (Have yet to hear it from my apartment as of late August.) Now, for that signal on 6185. Swat! Smack! Swat! Is it possibly...could it be...WRNO? Not likely, but the Caribbean is coming in OK...patience...swat!...it's audible! It's... it's...a utility! What is a utility doing on 6185!? And where are all these mosquitos coming from? Sorry folks, I gotta get out of these woods! But I will take the rig out for a walk in the Japanese countryside again and see what I can hear outside the urban QRM--perhaps in another season.

4th Annual Winter SWL Festival

March 22-24, 1991

Holiday Inn

Sumneytown Pike

Kulpsville, Pennsylvania

The Winter SWL Festival has become a tradition and this year's Fest promises to be as memorable as years past. The Fest is a good excuse for those folks with a common interest in the Shortwave Listening hobby to gather for a weekend of socializing and meeting other SWLs. Forums and roundtable discussions will be held on Saturday for those wishing to learn more about SWLing or to exchange tips and techniques. Door prizes, station freebies, displays, a silent auction, and a banquet round out the weekend events.

Forum Topics -

| | |
|--------------------------------------------------|----------------------------------|
| Beginners' Forum | New Trends In Propagation Theory |
| Latin American DXing | Beverage Antennas |
| Antique Radios - Collecting, Restoring, Enjoying | Facsimile |
| The Pirates Plank | Active Antennas |
| DXing Helps | Promoting SWLing |
| Taking An Active Role In Club Publications | SWL Award Programs |
| Those Mysterious Numbers Stations | Computers & SWLing |

Registration Options -

FULL - Includes forums, hospitality room, lunch and banquet - \$32
PARTIAL - Includes forums and hospitality room but NO meals - \$15
SPOUSE - Includes hospitality room and meals - \$17

This years **GRAND PRIZE** will be a **KENWOOD R5000 Receiver!** Your registration gives you 1 **FREE** entry towards this great receiver. Additional tickets are \$1 each or 6 for \$5 and are available by mail or at the Fest. If you buy your raffle tickets with your registration, we'll give you 13 for \$10! The deadline for this registration offer is March 15, 1991. Only WinterFest attendees are eligible for prizes and the Fest organizing committee are **NOT** eligible for the **GRAND PRIZE** - sorry Doc.

**** Special **** Register early and win a Sangean MS-101 SW portable! Your registration received by midnight March 1, 1991 will allow you one **FREE** entry towards this early bird registration door prize. Thanks to Universal Shortwave for this prize!

Checks should be made payable to **WINTER SWL FEST**. Registration for hotel rooms should be made directly to the Holiday Inn at (215) 368-3800 - As soon as possible! Special rates - \$59 single, \$64 double. Our function code with the hotel is **WINTER SWL FEST**. Please refer to this to get the special room rates. Listen to the **ANARC SWL NET** on 7.240 LSB at 10 AM Sundays for up to the minute info.

The Holiday Inn is located at EXIT 31 of the PA Turnpike NorthEast Extension -Lansdale Interchange. Limo service is available from Phila. Intl. Airport directly to the Holiday Inn.

Please submit the following form with your registration amount or send for more information to:

Winter SWL Festival
PO BOX 591
Colmar, PA 18915

Name _____

Address _____

City _____ State ____ Zip _____ Phone _____

Circle: FULL PARTIAL SPOUSE (Spouse name: _____)

Banquet - Check: Roast Beef ___ Chicken ___ Registration Fee Enclosed: \$ _____

I wish to purchase _____ raffle tickets Tickets Fee Enclosed: \$ _____

(\$1 ea. /6 for \$5 / Special 13 for \$10)

Total check/money order enclosed \$ _____

WESTERN HEMISPHERE

Don Thornton - 12 Freeman Road
Somerset, NJ 08873

Hello again. It is mid-winter in ECNA, so the days are already slowly beginning to grow longer. No room to chat, so let's see what we have been hearing recently.

ALASKA

7365 0845 **KNLS**: EE: ID "KNLS, The New Life Station, (Anchor Point, Alaska); into pop mx; Christian Teachings (333 11/22 Fresno CA)
9815 1930 **KNLS**: RR: Continuous EZL mx w/intermittent anmts in RR; 2000* (333 11/12 Findlater-CA)
11700 2050 **KNLS**: EE: Pop mx; ID by M into prog abt antiquated medicine (433 11/5 Owsley-CA)
11860nf 2000 **KNLS**: EE: IS; ID; song "My Prayer"; mailbag feature; prog of special reports; 2059* (454 11/26 Matsushita-Japan)

ANTIGUA

5975 0210 **BBC**: EE: "Review of the British Press" (555 11/16 Trescher PA)
6165 0035 **RN**: EE: Nx inc students clash w/police in Paris (433 11/12 Brown-IL) (Findlater-CA)
9590 0350 **RN**: EE: "Over to You" prog w/phone interviews w/listeners (like me!) (544 12/2 Reeves-OR) @ 0341 in EE w/tx abt Europe of the future inc economics (433 11/21 Hart-MN)
9630 0730 **RN**: EE: Nx abt Swiss DC-9 crash; into "Media Network" inc features abt satellite TV & former RBI staff (322 11/15 Carson)
11815 1311 **TWR**: EE: Drama prog; "Unshackled" prog w/letters from listeners being read (444 11/10 A. Jones-TN)
11930 0431 **TWR**: EE: ID; close down anmts (422 12/1 Brown-IL)
15345 1126 **TWR**: EE: "Morning Sounds" prog w/Bible verses, mx (455 11/12 Rocker-FL)
15560 0052 **RN**: EE: "Research File" 0124* (232 11/6 Matsushita-Japan)
2i515 1726 **RN**: EE: Special SSB test; IS & s/on anmts into nx & features (444 11/20 Carson-OK)

ARGENTINA

6060 0859 **R. Nacional**: SS: ID "R. Nacional"; many ments of Argentina; sound effects inc accelerating car (343 11/12 Johnson-IL)
11710 0100 **RAE**: EE: Feature abt W singer; nx @ 0115 inc item abt problem w/Britain over Malvinas/Falkland Is. (343 11/21 Fraser MA) @ 0200 in FF w/ID; mx; M reads nx (424 12/1 Wolfson-OH)

BOLIVIA

4719.9 0940 **R. Abaroa(t)**: SS: Latin rhythmic mx (242 11/8 Johnson-IL)
4945 0158 **R. Illimani**: SS: Lively vocal mx; ID @ 0205 (333 11/17 Huffaker-Mexico)

BRAZIL

3365 0338 **R. Educacao**: PP: Brasopns mx w/vocals (332 11/11 Abbinant IL)
3385 1001 **R. Educacao Rural**: PP: Non-stop country mx until 1013 ID (333 11/19 Huffaker-Mexico)
4875 0151 **Super R. Roraima(t)**: PP: Prog which sounds like M w/preaching sermon in PP; no ID heard (222 11/30 Bishop-NY)
4885 0819 **R. Clube do Parã**: PP: Ads; ID; M DJ tx & plays Lat Am mx (pr-fr 12/3 Famularo-Japan) (Johnson-IL) (Huffaker-Mexico)
4895 0814 **R. IPB**: PP: Sad ballad mx; DJ gave title for each one; ID "Radio IPB" @ 0831 (333 11/3 Huffaker-Mexico).
4915 1030 **R. Nacional**: PP: ID followed by theme from Monty Python's "Now for Something Completely Different" (343 11/10 Johnson IL)
4985 0705 **R. Brasil Central**: PP: Sign on w/full ID; into mx (444 11/5 Huffaker-Mexico)
5025 0929 **R. Jornal da Transamazônica**: PP: Country mx; ID for SW & MW @ 0843 (333 11/16 Huffaker-Mexico)
5035 2142 **R. Aparecida**: PP: M tx w/much UTE QRM (222 11/30 Bishop-NY)
5055 0752 **R. Difusora**: PP: Full ID @ 0752; morning mx & DJ prog (343 11/5 Huffaker-Mexico)
6000 0827 **R. Guaíba**: PP: ID "R. Guaíba, Porto Alegre. orchestral song "Walk in the Black Forest" (333 12/1 Johnson-IL)
6010 2246 **R. Inconfidência**: ID "Radio Inconfidencia"; into ads; then

6020 0844 into Brazilian polkas (332 11/20 Johnson-IL)
R. Guácha(t): PP: M tx from long text into station break w/out ID (232 (11/12 Johnson-IL))

6180 0830 **R. Nacional da Amazonia**: PP: DJ w/Latin Am mx (333 11/4 Findlater-CA)

9565 0154 **R. Universo**: PP: M w/dramatic monologue w/background mx; TPs into ID @ 0200 (322 12/6 Cichorek-NJ)

9585 0810 **R. Excelsior**: PP: M anncr w/ID; TC; ads; into more tx (fair 11/17 Famularo-Japan)

9645 0845 **R. Bandeirantes**: PP: Excited DJ w/upbeat Latin American mx (444 11/14 Findlater-CA)

11780 0948 **R. Nac. da Amazonia**: PP: DJ w/echo effect tx over mx (343 11/30 Johnson-IL)

11925 2340 **R. Bandeirantes**: PP: Fanatical M anncr w/live "futbol" game. One ID & one goooooaaaaaall!!! heard (433 11/24 Prath-FL)

17730 0200 **SRI**: EE: Nx abt Swiss politics; "Dateline" (545 12/6 Valentine-CA) (Brown-IL) (Famularo-Japan)

17815 2252 **R. Cultura**: PP: Jazzy mx; M anncr using "The Good, the Bad & the Ugly" theme as bridge mx (34311/30 Johnson-IL)

CANADA

5960 0247 **R. Japan**: JJ: M & W in disc; mx (544 12/8 Reeves-OR)

6005 1250 **CFCX**: EE: Winning lottery numbers; ads for Montreal Gazette newspaper & Shell gasoline (353 11/15 Fraser-MA)

6070 1200 **CFRX**: EE: 600,000 people to view "Santa Claus Parade" in Toronto, USSR reporters invited to attend (555 11/17 Robinson TN)

6120 1155 **R. Japan**: EE: "Viewpoint" w/feature "Life in Affluent Times" perhaps called "Non-life for the Poor" (555 11/18 Fraser MA)

6160 1055 **CKZN**: EE: Regional nx & wx reports (cold!); CBC nx @ 1100 (354 11/12 Rocker-FL)

9515 1515 **BBC**: EE: "The Fallen"--soldier's accounts of WWI--a special For Remembrance Day (Armistice Day) (555 11/11 Fraser MA)

9535 0233 **RCI**: EE: Nx abt Reform Party in Alberta (333 12/8 Reeves OR)

9625 2102 **CBCNOS**: EE: Nx-UN Security Council set to meet on Thursday; ID; "Sunday Matinee" (333 11/25 Brown-IL)

9650 1240 **R. Korea**: EE: "Focus"--Seoul College offers a course "Preparing for Marriage" (454 11/15 Fraser-MA)

9755 2320 **RCI**: EE: "SWL Digest" w/Glenn Hauser giving nx abt many SW stations in Peru (454 11/11 Abbinante-IL) (Reeves-OR)

11840 0300 **R. Beijing**: SS: ID; mx; M tx (333 11/10 Findlater-CA)

11845 0235 **RCI**: EE: "As it Happens" w/disc abt Canada's Gulf strategy (444 11/15 Brown-IL)

11855 1315 **RCI**: EE: Int'l nx inc Canada's involvement in the Middle East crisis (444 11/16 Langlois-FL)

13720 0140 **RCI**: EE: ID; mailbag prog (242 11/25 Bryant-UT)

15260 1730 **BBC**: EE: Report on violence in Kashmir (444 12/5 Valentine CA)

15325 1722 **RCI**: EE: Weather across Canada; reports on Parliamentary attempts to release hostages; US elections (433 11/17 Brown-IL)

17820 1850 **RCI**: EE: SWL Digest b'cast to Africa (433 11/11 Malone TX)

CHILE

15140 2042 **R. Nacional de Chile**: SS: W w/lcl TC into ID by M; into world nx (444 11/5 Owsley-CA)

COLOMBIA

4845 0246 **R. Bucaramanga**: SS: Good rhythm mx by band (322 11/1 A Jones)

4865 0157 **La Voz del Cinaruco**: SS: Long block of 30-45 second ads; anncr finally back @ 0204 (344 11/28 Rocker-FL)

4885 0155 **Ondas del Meta**: SS: Nx read by M w/accompanying echo sounds into ID (322 11/30 Bishop-NY) @ 1022 in SS M tx into song "Feliz Navidad" more tx when I could clearly hear the plaintive mew of the station mouser! This was not a studio effect or electronic facsimile. I wonder if any of these Lat Am stations have chickens or roosters? You know, the ones that broadcast loud cock crows for no apparent reason? (444 11/30 Johnson IL)

4895 0204 **La Voz del Rio Arauca**: SS: Another "futbol" play-by-play by 2 M anncrs ((433 11/30 Bishop-NY)

4965 1020 **R. Santa Fe**: SS: Ads; TCs as "5 y 20 minutos en R. Santa Fe" This station has been reactivated (433 11/19 Huffaker Mexico)

5954.8 1045 **La Voz de los Centauros**: SS: Nat'l & local ads "Servicios informativo del Caracol" (433 11/12 Rocker-FL)

5975 1009 **R. Macarena**: SS: M anncr w/ID & freq anmts; into a Lat Am ballad (343 11/13 Johnson-IL)

6116 2345 **La Voz del Llano**: SS: M anncr w/rapid fire tx; many ments of "Bogota" (423 11/29 Johnson-IL)

COSTA RICA

4840 0500 **R. Reloj**: SS: Variety of mx w/lots of accordians; various IDs after 0530--this freq reactivated! (353 12/10 Janusz-NJ) ;

5055 1115 **Faro del Caribe**: SS: M w/ ID into relig tx (333 11/9 Owsley-CA)

6005.5 0849 **R. Reloj**: SS: Very lively Latin Am mx; ID by M "R. Reloj, Costa Rica" TC; more loud & lively mx (343 11/23 Bryant UT)

6175 1120 **Faro del Caribe**: SS: Easy listening vocals; some tx by M anncr inc ID @ 1125 (242 11/14 D'Angelo-PA)

7375u 0103 **RFPI**: EE: ID; sked & freq info (333 11/30 Rocker-FL)

9725 1255 **AWR**: EE: "Costa Rica Today" inc listener's letters; station is offering key chains (433 11/25 Brown-IL) (Findlater CA) ;

11870 1145 **AWR**: EE: Story of Tommy, his dog & a rich old lady (443 11/9 Gaharan-LA)

13630 2345 **RFPI**: EE: "World of Radio" (433 11/9 Gaharan-LA)

21565 2345 **RFPI**: EE: M anncr tx abt religious conflict in India (444 11/10 Langlois-FL)

CUBA

3365 0215 **R. Rebelde**: SS: 2 M tx one of whom is on the telephone; ads; telephone call-in show (433 11/15 Bishop-NY) (Bryant-UT)

5025 1110 **R. Rebelde**: SS: M anncr w/regional nx into ID (444 11/9 Owsley-CA) (Reeves-OR)

6000 0107 **R. Moscow**: EE: Nx abt Russian Federation (555 11/24 Trescher)

9505 0431 **RHC**: EE: M anncr reads nx; ID; feature abt prebirth heart treatment; "World of Stamps" (545 12/2 Wolfson-OH)

11710 0130 **R. Moscow**: EE: M anncr w/Swiss polka-type mx (11/12 Findlater)

11820 0222 **RHC**: EE: Interview w/a Puerto Rican who is opposed to Mid East Project Desert Shield (333 12/8 Reeves-OR) (Brown-IL)

15435 1953 **RHC**: EE: Mx from Cuba & Puerto Rico; ID & address; into second hour of mx @ 2000 (Jazz Place) (545 11/11 Woering-MA)

DOMINICAN REPUBLIC

4930 0032 **R. Barahona**: SS: ID as "Esta es R. Barahona, mil doscientos cuarenta kHz onda media y cuatro novecientos treinta kHz en la banda de sesenta metros." Then an obituary report followed by Latin American mx (343 12/1 Johnson-IL) (Huffaker-Mexico)

6025 2347 **R. Amanecer**: SS: W w/ID as "Amanecer"; into soft opera or chamber mx w/baritone vocal (322 11/9 Johnson-IL)

ECUADOR

3220 0206 **HCJB** SS: M tx w/pres nx (221 11/15 Bishop-NY)

3240 1105 **R. Antena Libre(p)**: SS: Rel mx "Santo para hoy" by W; no ID heard but this is the early AM prog they've had for years (343 11/3 Huffaker-Mexico)

3279.8 1000 **La Voz del Napo**: Quechua? Native songs sung in an Indian language (242 11/11 Johnson-IL)

3285 0037 **La Voz del Rio Tarqui**: SS: Ad block; Lat Am pop mx; some ads "aqui in Cuenca" (232 11/1 Huffaker-Mexico)

3290 0832 **R. Centro**: SS: Promos & into relig tx (333 11/13 Huffaker)

3395 1045 **R. Zaracay**: SS: M anncr w/Lat Am mx (343 11/30 Reese-DE)

4795 0223 **La Voz de Las Carás**: SS: Personal anmts; ID; then into mx; (322 11/17 Huffaker-Mexico)

4799.8 0215 **R.Popular Cuenca**: SS: Folk mx; ID as "...pagaditos en Radio Popular"; more mx (353 11/17 Barrera-Argentina)

4851 1018 **R. Luz y Vida**: SS; M w/ID "Radio Luz y Vida"; into Ecuadorian mx (242 11/8 Johnson-IL)

4870 1100 **R. Rio Amazonas**: SS: NA; then mx w/out breaks; fade out by 1121 (232 11/30 Johnson-IL)

4910 0049 **Emisoras Gran Colombia**: SS: Tx abt Quito fiesta; ID "Escuche Emisor Gran Colombia..." This station was reported "probably inactive" in DXLD #29 (333 11/13 Huffaker-Mexico)

4920 0456 **R. Quito**: SS: ID w/freq anmts; other s/off anmts; bird call (333 11/29 Bryant-UT)

4960 0035 **R. Federación**: SS/Quechua: Continuous rustic vocals to 0047; ID w/freq anmts (252 12/3 D'Angelo-PA)

5011 2341 **R. Escuelas Radiofónicas Populares**: SS: Mix of tx by 2 M & rustic Andean vocals; canned ID (252 11/27 D'Angelo-PA)

9745 0047 **HCJB** EE: "Studio 9" w/Ecuadorian mx; report on fighting in El Salvador; "Musica del Ecuador" (444 11/30 Brown-IL)

15155 0058 **HCJB**: EE: "DX Partyline" inc info abt SPARC contest (434 11/25 Carson-OK) (Brown-IL) (A Jones-TN)

15270 1915 **HCJB**: EE: "DX Partyline" (444 11/10 Langlois-FL)

21455u 2355 **HCJB**: SS: M tx in SS; after ID into prog in FF (343 11/14 Brewer-KS) @ 2355 in SS w/singing; ID 0 0000 (444 11/30

25950 2122 Levison-PA (Findlater-CA) (Bryant-UT)
HCBJ: GG: Relig prog w/mx in GG (444 11/13 Carson-OK)

FRENCH GUIANA
9800 0406 RFI: FF: W correspondent w/nx report from Baghdad (555 11/2 A Jones-TN) (Findlater-CA)
11695 0403 R. Beijing: EE: Chinese Foreign Minister says his visit to USA is an important event in Sino-American relations (544 12/1 (Brown-IL))
11995 0100 RFI: SS: M reads nx (333 11/3 Findlater-CA)
15325 0302 R. Japan: EE: Iraq sends over 200,000 more troops to Kuwait (353 11/19 Brown-IL)

GUATEMALA
2390 0058 La Voz de Atitlán: SS: "Ritmos Tropicales" a Sunday night prog featuring small tropical combos (343 11/5 Huffaker)
3300 0345 R. Cultural: EE: Canned relig prog rife w/scripture (343 11/29 Bryant-UT) (A Jones-TN) (Bishop-NY) (Wolfson-OH)
3370 0235 R. Tezulutlán: SS: Tx & ID by M; marimba mx (322 11/22 Prath-FL)
4845 0130 R. K'ekchi': SS: M tx; ID "Transmite R. K'ekchi'..." (322 11/30 Bishop-NY) @ 1130 in SS w/marimba mx & band mx; ID "R. K'ekchi'..." "Vera Paz" (444 11/10 Robinson-TN)

HONDURAS
3250 1100 R. La Luz y Vida: SS: "Onward Christian Soldiers" in background under M w/loooong ID (343 12/7 Reese-DE) @ 0200 in SS w/full ID w/address in Santa Barbara (343 11/22 Prath-FL)
4755 0010 Sani Radio: SS/Moskito: "Noticias Sani Radio (int'l nx); Station sked is 1200-0010 UTC (433 11/30 Huffaker-Mexico)
4820 0345 La Voz Evangelica: EE: M w/relig discussion; hymns sung by another M (333 11/11 Abbinante-IL) (A Jones-TN) (Bryant UT)

MEXICO
2390 0055 R. Huayacocotla: SS: W reads nx inc ments of Guatemala; ID @ 0059 "... la voz de los campesinos" (322 12/19 Thornton NJ)
6185 1005 R. Educación: SS: W w/ID & chamber mx (343 11/8 Johnson IL)

NICARAGUA
6000 0830 Voice of Nicaragua(p): SS: M interview another M w/many ments of "Nicaragua" (322 11/12 Johnson-IL)

PARAGUAY
9735 0900 R. Nacional: SS: DJ w/lively Lat Am mx (444 11/14 Findlater)

PERU
4039.1 0213 R. Marginal: SS: Salutations w/cumbias for Tingo Maria listeners; @ 0228 "Atención Tocache" (11/18 353 Barrera-Argentina)
4790 1015 R. Atlántida: SS: M anncr w/ID "AT...LAN...TE...DA!" (252 11/8 Johnson-IL)
4889.7 1105 R. Huanta(t): SS: Soft Latin ballads & M anncr (333 11/6 Johnson-IL)
4912.5 0950 R. Cora: SS: Ad block; M anncr w/what I believe were anniversary anmts; 5am TC & ID (444 11/12 Rocker-FL) (Johnson-IL)
4935 1007 R. Tropical: SS: Non-stop mx to 1018; promo w/echo effects; ID: Peruvian NA; back to mx (343 11/12 Rocker-FL)
5025 1039 R. Quillabamba(t): SS: Typical Peruvian mx; TCs for UTC minus 5; overpowered by R. Rebelde @ 1100 before ID (333 11/3 Huffaker-Mexico)
6726 0132 R. Satéelite: SS: ID @ 0133 "Resumen Informativo Semenal por las ondas de Radio Satéelite" (11/18 353 Barrera-Argentina)

PIRATES, CLANDESTINES & UNIDS
6239 0259 RFM: EE: Mx; ID & maildrop address (323 11/4 Karcheski-MA)
6275 0043 United World Radio: EE: "Small, Small World" ID; played "Arabian Rock" mx; Wellsville maildrop (333 11/10 Johnson IL)
7415 0032 R. USA, Samurai Radio & Voice of the Purple Pumpkin: EE: Some mx but mainly clowning (242 11/4 D'Angelo-PA)
7415 2244 R. Covert: EE: Old time Amos n' Andy radio prog w/Andy being sued for breach of promise (444 11/29 Johnson-IL)
7415 0545 WSWL: EE: M announcing test b'cast & played rap mx (444 11/25 Johnson-IL)
7415 0217 CFCN: EE: ID; Wellsville NY maildrop; tx of Halloween special prog (343 11/1 Karcheski-MA)
9940 2147 La Voz del CID: SS: Lat Am mx w/some Gloria Estefan mx thrown

in for good measure; ID by M (333 11/5 Abbinante-IL) @ 0400 in SS w/repetitive IDs; then nx (444 11/13 Reese-DE) @ 0050 in SS w/comedy skit before live audience; speech by M followed by marching mx (454 11/14 Fraser-MA)

9965 0302 R. Caiman: SS: Rock & roll mx until ID @ 0302; into political tx by M anncr (333 11/14 Carson-OK)

26005 1447 KUSA-R. Wisconsin: Pop song "Overkill"; ID "This is the European Service of KUSA-R. Wisconsin"; close down anmts ments; try N Am service on 7415 kHz per anncr (354 11/28 Westenhaver-PQ)

UNITED STATES OF AMERICA

4907.5 0315 KUSW: EE: Subharmonic booming in much stronger than 9815 & eating up 12 kHz of 60 meter band (555 11/1 Bryant-UT)

5950 0207 VOFC: EE: Nx; cmnty on cellular telephones inc interview w/a user of same (434 11/24 Levison-PA) (Reeves-OR) (A Jones TN)

5995 0115 VOA: EE: Prog abt anniversary of turmoil in El Salvador (555 11/1 A Jones-TN)

6065 0409 WYFR EE: Harold Camping delivers another sermon (12/7 Reeves)

7520 033 WWCR EE: Radio New York Int'l prog inc disc of FCC raid of RNYT's bygone ship-based transmitter (353 11/12 Harderster NC)

7355 0844 WHRI: EE: ID; address; requesting donations for QSL cards! (444 11/23 Bryant-UT)

7355 0030 WRNO: EE: Rock mx into "World of Radio" (555 11/25 Carson OK) (Yes, they did finally repair their transmitter--ed)

7510 0300 KTBN: EE: ID "Super Power, World Wide, Give the Devil Trouble, KTBN, Utah" into a tirade about "that awful rock n' roll" This is the station succeeding KUSW, which is defunct (444 12/19 Johnson-IL) (heard on 15590 kHz @ 2100 on 12/22 by DT in NJ--thanks for the tip; Tim!--ed)

9455 0703 WSHB: EE: World nx; old Broadway show tunes (fair 11/26 Famularo-Japan)

9455 0413 VOA: EE: Disc abt loss of revenue from oil in Iraq & Turkey (555 12/11 Reeves-OR)

9465 0621 WMLK: EE: Disc abt Israel (232 11/14 Carson-OK)

9840 0625 WCSN: EE: "News Focus" (poor 11/15 Famularo-Japan)

15350 0320 VOA: EE: ID; report on Aids awareness (343 11/30 Brown IL)

15420 1600 WRNO: EE: Rock mx; into "World of Radio" #570 @ 1630 (333 11/15 Carson-OK)

15565 2000 WYFR: EE: "Unshackled" prog. w/story of Randy Marcom (545 11/11 Woering-MA)

15580 2120 VOA: EE: African Service prog w/interview w/RCI's Ian McFarland abt possible demise of RCI (444 12/1 Cichorek-NJ)

15590 2004 KUSW: EE: Mx by Grass Roots, Jimi Hendrix (544 11/11 Woering) @ 1845 in EE w/country mx (444 11/10 Langlois-FL)

17555 2343 WCSN: EE: "Letterbox" prog inc California listener who wants owner's manual for DX-160 (343 11/14 Brewer-KS)

17775 1907 KVOH: EE: M reads scripture from Bible (555 11/6 Owsley CA)

17800 1910 VOA: EE: M hosts "African Panorama" prog (555 11/6 Owsley CA)

VENEZUELA

4830 0121 R. Táchira: SS: Canned ID; 2 men talking (433 11/30 Bishop)

4840 0127 R. Valera: SS: Futbol game play by play; tinny sounding audio (322 11/30 Bishop-NY)

4850 0250 R. Capital: SS: W w/pop-style vocal mx which sounded great! (322 11/1 A Jones-TN)

4970 0012 R. Rumbos: SS: M w/ID; typical Lat Am mx (222 11/14 Owsley CA)

4980 0905 Ecos del Torbes: SS: Romantic Latin Am mx; M w/ID (444 11/23 Bryant-UT)

9540 1150 R. Nacional: SS: EE/SS: ID "This is R. Nacional de Venezuela" prog abt Venezuela's natural gas reserves (444 11/17 Robinson)

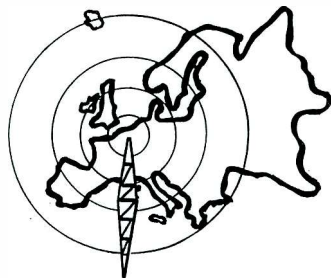
9640 0945 Ecos del Torbes(t): SS: Ments of San Cristobal; DJ w/lively Latin Am mx (444 11/6 Findlater-CA)

9660 0855 R. Rumbos: SS: Routine ID as "RRRradio RRRumbos" as in "RRRuffles have RRRidges" (333 11/12 Johnson-IL)

FILL THAT GAP! Any stations monitored which are "feeders" be technically utilities and those logs should be sent to Paul Lannuier...Bob Colyard reports hearing Radio Rumbos on medium wave 670 kHz @ 0200 on 11/28. While SPEEDX does not normally report medium wave loggings, if it is real DX, I'll consider it...try to give a listen to the rejuvenated "DX Partyline" with new host Richard Mac Vicar, now a 45 minute feature. The program now has a real DX slant...also RHC's "DXers Unlimited" w/host Arnie Coro is an outstanding program with two different editions every week. Try it, I'm sure you'll agree with me...until next month remember to have fun with your radio!

73s & good DX *dlm*

EUROPE



BOB COLYARD
84 HARRISON AVENUE
BRICKTOWN, NJ 08724

HAPPY NEW YEAR! Lots of nice loggings this month, especially from members in Illinois and California. John Findlater gets tough! And again more Euro-Pirates from Steve Willers. No room for freqs or skeds this month. Tim Johnson sent us a picture from the RAI magazine of "dental threads" beachwear. But, alas, I can't print it! (It's for men only) Thanks Tim. I'm hearing some TAs here in NJ lately. For those who don't know, TA stands for Trans-Atlantic medium wave DX. Try for Portugal on 1035 kHz, Spain-684, UK-693, & Germany-1593. Check the WRTH for BCB frequency lists. Out of space and time! - 73s, Bob

ALBANIA

Radio Tirana

6120 2331 RT: EE: News; talk on Serbia, Yugoslavia; Albanian mx. (332 11/23 Sampson-WI)
9375 0330 RT: EE: News; @0350*. (444 11/5) @0630: Hungarian. (222 11/3 Findlater-CA)
9430 2200 RT: SS: OM & YL w/talk; Balkan mx and vocals; @2225*. (222 11/3 Findlater-CA)
9500 *1858 RT: SS: IS and into SS programming, starting with news. (343 12/3 Johnson-IL)
9760 0330 RT: EE: //11825; Work towards Albanian democratization. (222 11/22 Fisher-MA)
2330 RT: EE: Constitution and development of economy in AA. (333 11/14 Gaharan-LA)
11825 2330 RT: EE: "Press Review"; @2345: "Let's Learn Albanian". (343 11/3 Bagozzi-CA)

AUSTRIA

Radio Austria Intl.

11780 1430 RAI: EE: News; "People on the Move", "Human Rights in El Salvador". (Johnson-IL)
13730 .0130 RAI: EE: "Report from Austria": East-West arms treaty. (433 12/14 Gaharan-LA)
1935 RAI: EE: Comments on creation of a "U. S. of Europe". (253 11/8 Johnson-IL)
21490 1453 RAI: EE: Broadcast schedule, frequencies used & address. (343 11/1 Brewer-KS)
21590 1140 RAI: EE: "Austrian S.W. Panorama": end of RBI, EDXC '91. (454 11/18 Fraser-MA)

BELGIUM

Belgische Radio en Televisie

9765 0151 BRT: EE: An interview with a jazz teacher. (322 11/10 Woering-MA)
9925 0031 BRT: EE: News, comments: Armastice Day, ELF Day. (444 11/7 Levison-PA)
13675 0050 BRT: EE: Music by Hayden; "This is Brussels Calling". (344 11/11 Abbinante-IL)
15515 0651 BRT: Dutch to Africa: News headlines & frequency anmt. (fr 11/24 Famularo-JP)
1338 BRT: EE: "Brussels Calling" w/pro-environment features. (444 11/28 Johnson-IL)
21810 1418 BRT: EE: "Tourism" in Belgium; Euro pop music. (333 11/12 Abbinante-IL)

BULGARIA

Radio Sofia Radio Moscow

7115 0315 RM: EE: "Moscow Mailbag" (I first sent this to Jason, OOPS!) (544 11/9 BC-NJ)
7115 0440 RS: EE: Sri Lankan Immigrants in Bulg. (444 11/11 Bryant-UT) (11/13 Owsley-CA)
9700 *2100 RS: FF: IS & ID; YL w/frequency schedule; news by OM. (222 11/3 Findlater-CA)
2150 RS: EE: Social, industrial & environmental finances. (444 11/12 Fraser-MA)
11720 0400 RS: EE: //7115; "Sports Round-up", "Music From Bulgaria". (454 11/13 Carson-OK)
11735 0359 RS: EE: //7115; "Cultural Scene" "Answering Your Letters" (544 11/24 Carson-OK)
11765 *0730 RS: EE: News: labor strikes; "Cultural Scene". (333 11/28 Carson-OK)
11790 0030 RM: RR: IS; YL and OM w/talk. (222 11/12 Findlater-CA)
11870 *1530 RS: AA: IS and ID: "Huna Sofia"; OM w/talk. (pr-fr 11/13 Famularo-JP)

CZECHOSLOVAKIA

Radio Prague Intl. Inter-Program

5930 0305 RPI: EE: News; review of the days newspapers; "DX Special", "Answering letters" (444 11/29 Levison-PA) (453 11/21 A Jones-TN) (515 12/1 Wolfson-OH)
7345 0000 RPI: EE: "Prague Mosaic": tourists & street vendors. (444 11/7 Gaharan-LA)
0100 RPI: EE: //5930; News and review of Czech newspapers. (343 11/19 Hart-MN)
2120 RPI: EE: "Visa cards" come to Czech. Better than money! (545 11/12 Fraser-MA)
*2258 RPI: SS: IS & multilingual IDs, then into SS program. (444 10/27 Johnson-IL)
9505 0940 Inter-Program: EE: //7345,6055; Start 20 minutes of English w/DJ-Mikale; music & info; live broadcast w/time checks: "6 before 11"; into 20 minutes of German @1000; French @1020; English again @1040, and so on (*0700). Some good Czech rock. Signal fading fast; gone by 1100. QRM de Cuba @1046. (443 12/16 BC-NJ)
11685 *1500 RPI: Czech/Slovak: IS & anmts; ID by YL and news by OM. (443 11/23 Bryant-UT)
21705 0746 RPI: Czech wildlife stamps; letter from listener in Osaka (not me); splatter de 21715-BBC Hong Kong. (fair 12/1 Famularo-JP) All RPI Bcasts now 30 mins. BC

FINLAND

Radio Finland

15400 1415 RF: EE: "Press Review" (555 11/5 Maier-NY) "The 4th Generation" - series on interviews w/Finnish-Americans. (554 11/14 Fraser-MA) (544 12/6 Carson-OK)
21550 1400 RF: EE: "Northern Report" (545 11/9 Carson-OK) @1415: "Air-Mail" program w/listener's letters. (454 11/25 Johnson-IL)

FRANCE

Radio France Intl.

7135 0445 RFI: FF: //9800; ID and YL w/interview. (333 11/11 Bryant-UT)
 0500 RFI: FF: //9790; OM w/ID into talk about France in the Gulf crisis.
 (243 11/13 Owsley-CA) (222 11/4 Findlater-CA)
 1945 RFI: FF: ID in EE & FF; into Brahm's "Symphony #1". (353 11/11 Fraser-MA)
 7280 0515 RFI: FF: //7135, 6175, 9790; OM w/ID into news and talk. (444 11/13 Owsley-CA)
 (333 11/3 Findlater-CA)
 9790 0350 RFI: FF: OM w/news concerning the Gulf crisis. (444 11/13 Owsley-CA)
 9805 0900 RFI: FF: ID and YL w/news. (333 11/6 Findlater-CA)
 11660 2300 RFI: FF: //17710; ID and OM w/talk. (333 11/4 Findlater-CA)
 15300 1850 RFI: FF: //17620, 15460; OM & YL w/talk. (555 11/4 Findlater-CA) 15300 is via
 Guyana after 1900 utc. I'll try to include an RFI freq list in the future. BC
 17620 2035 RFI: FF: ID by YL and sports report by OM. (343 11/24 Bryant-UT)
 17795 1615 RFI: EE: News: Zulu chief tries to reduce tensions in South Africa.
 (444 11/17 Brown-IL) //17620, 17850; 15360, 11705, at 1600-1700 -BC

GERMANY

Deutsche Welle RIAS Bayerischer Rundfunk RFE/RL VOA

5960 0510 DW: EE: //6120; Report on relief efforts for the USSR. (343 11/29 Bryant-UT)
 6005 0130 RIAS: GG: Bush speech; Deutschen. (312 11/24 Trescher-PA)
 6085 0705 BRF: GG: Rock music: "California Dreaming" & lots of Ads. (322 12/5 Johnson-IL)
 6100 0100 DW: GG: National and local news. (555 10/29 Maier-NY)
 7220 0830 RL: RR: "Radio Svoboda"; YL w/talk; poor. (222 11/15 Findlater-CA)
 9545 0320 DW: EE: "European Journal", "Thru German Eyes": interview w/prominent Germans.
 (444 11/17 Carson-OK) (554 11/7 A Jones-TN) @0432: GG: (555 Owsley-CA)
 9670 0517 DW: EE: "Kids & prescription drugs", "Random Selection". (444 12/10 Carson-OK)
 11795 1438 DW: GG: OM w/news; ID & then "Business Report". (232 11/23 Bryant-UT)
 11865 0110 DW: EE: Violence of militant squatters in East Berlin. (544 11/14 Gaharan-LA)
 11875 0830 RL: RR: "Radio Svoboda"; OM w/talk; poor. (222 11/6 Findlater-CA)
 13610 0100 DW: EE: News on possible release of hostages by Iraq. (343 11/11 Abbinante-IL)
 0530 DW: EE: "Larry Wayne's Random Selection" (343 11/12 Johnson-IL)
 13770 0300 DW: EE: News: Germany welcomes a UN resolution on Iraq. (333 11/30 Brown-IL)
 15390 1930 DW: EE: //13790, 11810; Success story of rock group that's been around for 10
 years. "Munchen Freiheit". (433 11/11 Woering-MA) (444 11/23 Prath-FL)
 21625 1720 VOA: EE: //17800; African Svc; "Mailbag Africa" program. (242 11/24 Prath-FL)

GREECE

Voice of Greece

7205 0236 VOA-Kavalla(PWBR): EE: OM on topic of US & USSR treaties. (353 11/13 Jones-TN)
 9395 0149 VOG: EE: Greek conference on Christopher Columbus. (555 11/13 Jones-TN)
 9420 0146 VOG: EE: //9395, 11645; Beautiful Greek instrumental music; talk on celebration
 of St. Andrew. (444 12/1 Cichorek-NJ) (444 Bryant-UT) (333 Brown-IL)
 9425 0500 VOG: ??: ID; OM w/talk and lively Greek music. (333 11/10 Findlater-CA) Greek?
 9535 0635 Radio Makedonias: Greek: //11595; Greek folk music. (242 11/16 Bryant-UT)
 9700 1800 VOA-Kavalla: EE: Special message to Americans in Iraq. (252 11/11 Fraser-MA)
 11595 2212 Radio Makedonias: Greek: local news then music; @2219*. (343 11/10 Bryant-UT)
 2230 UNID: Greek: music & vocals. "Basting from Athens". (333 11/14 Findlater-CA)
 11645 1920 VOG: EE: News: Greece isn't sending troops to Gulf. (343 11/2 Johnson-IL)
 2338 VOG: EE: News; "This is the end of our EE Bcast" @2345. (433 11/8 Woering-MA)
 21535 1831 VOA: AA: News on Israel and the Gulf crisis. (554 11/11 A Jones-TN)

HUNGARY

Radio Budapest

6110 0232 RB: EE: //11910; "Calling DXers": new RCI sked; 0243*. (222 11/24 Carson-OK)
 7220 2115 RB: EE: "Mailbag" program. (422 11/6 Johnson-IL)
 9520 0130 RB: EE: //9835(444); problems changing to market economy. (11/22 Findlater-CA)
 9835 0055 RB: EE: Union movement to organize, and problems. (323 11/22 Hart-MN)
 0230 RB: EE: "Calling DXers": RB's "Int DX Party" on 01/06/91. (434 12/8 Carson-OK)
 11910 0130 RB: EE: "The Weeklies", "A Letter Home". (534 11/8 Carson-OK) (444 Findlater-CA)
 0251 RB: HH: Ethnic vocal music. (444 11/5 Levison-PA)

From Steve Willers in Switzerland come more Euro Pirates.

The Voice of Europe is changing frequency and issuing a new QSL card. Watch 13710
 with 10kw, 24 hours a day. Address: P.O. Box 26, I-33170 Porderone, Italy. (via PTay-DX)

France

7440.5 1038 World Commercial Radio: EE: //11401; Dutch DJ w/oldies. (243 11/18)
 7440.6 0943 R. Waves Intl: EE: Music by Genesis; ID in GG, EE, & II. (333 11/4)
 11400 0839 R. Spectrum Intl: FF: Mx by George Harrison; address in Rueil. (233 10/28)
 11400 1005 R. Equinox Intl: EE/FF; "This is a new Station R. Equinox Int..." (243 11/24)

Holland

6206 0930 R. Orang Utan: EE: Music by "New Kids"; Dutch DJ w/many IDs. (344 12/2)
 6225 0905 Free Radio Service Holland: EE: Read out reports; off abruptly. (243 10/28)

Italy

6210 0730 European Christian Radio: EE: RX talk & music. QRM of HCJB. (444 11/18)
 7140 0951 R. Italia Intl: II: Local music, request pgm; "Radio Italia". (333 10/28)
 7295 1010 R. Europe: EE/II: Pop music & Ads w/American DJ; ID in EE & II; (333 11/4)
 7538 1115 Voice of Europe: EE: Pop music; "This is the Voice of Europe". (444)
 9815 0934 IRRS: EE: OM w/freq anmt & address in Milano; soft music. (354 10/28)

ICELANDIcelandic National Broadcasting Service

13855 1908 INBS: Icelandic: OM and YL alternating with talk. (343 10/30 Johnson-IL)
 15770 2305 INBS: Icelandic: OM & YL w/talk; 2330*. (343 11/7 Woering-MA)(444 Levison-PA)

ITALYRadiotelevisione Italiana Voice of Europe Adventist World Radio IRRS

7230 0845 AWR-Forli: EE: "DX Corner" w/tips: "At 1300 ut, R. Norway replaces 9585 with 11600 kHz"; ID & FF @0859*; "This is AWR, The Voice of Hope" (321 12/16 BC-NJ)
 7538 0307 VOE: EE: Music: "The Bridge Over River Kwai"; then some pop classics: "Venus" & "Wouldn't It Be Nice". (232 11/12 Johnson-IL) Nice catch in IL, Tim! -BC
 9575 0059 RAI: EE: //11800; "Bulletin of late news". (444 11/19 Hart-MN)(454 Fraser-MA)
 9815 0815 IRRS: EE: ID & music by "Peter Gabriel"; station schedule & listeners letters: about the Nov 4th transmission. (232 11/18 Brown-IL) Wow! Also in IL! -BC
 11800 2245 RAI: II: OM w/news on Naples & Milano; ID & mx @2250. (343 11/24 Abbinante-IL)
 0100 RAI: EE: IS; ID & news by the dead lady. (322 11/20 Brown-IL) Threads lady?
 21560 1904 RAI: II: ID and s/off anmts; bird-chirp IS until 1908. (333 11/11 Bryant-UT)
 21690 1740 RAI: II: //15385; ID and light classical music. (333 11/12 Findlater-CA)
 21850 1350 RAI: II: Mx & tlk; @1355* off abruptly w/half bird-chirp IS. (443 12/15 BC-NJ)

LUXEMBOURGRadio Luxembourg

15350 1552 RL: EE: Pop music: INXS, Stones; ID & wx in Munich. (343 11/12 Johnson-IL)
 2130 RL: EE: Pop mx from around the world. (433 11/11 Woering-MA)(333 Abbinante-MA)

MALTADeutsche Welle Voice of the Mediterranean

9605 0300 DW: EE: News: could be peaceful solution to Gulf crisis. (433 11/12 Brown-IL)
 9765 *0600 VOM: EE: YL w/ID & address; Listener's letters, & "Nice N Easy" program. (433 12/10 Carson-OK)(422 11/18 Johnson-IL)
 11925 1430 VOM: EE: "Mailbag": letters & Xmas carols; R.Marti co-ch QRM.(312 12/19 BC-NJ)

MONACOTrans World Radio

9480 0815 TWR: EE: ID, freq anmts & sked; "Insight for Living". (433 11/5 Cichorek-NJ)
 9485 0806 TWR: EE: Discussion - power of God; "Insight for Living" (434 11/28 Carson-OK)
 9490 *0940 TWR: ??: rx program & ID, "Trans World Radio.."; IS @0943*. (222 12/16 BC-NJ)

NETHERLANDSRadio Netherlands

6020 0052 RN: EE: "Media Network visits Berlin" (333 11/9 Carson-OK)
 0243 RN: SS: "Estados Unidos - Espana", "Radio Netherlanos". (555 11/24 Trescher-PA)
 13770 *1430 RN: EE: IS, News: Thatcher resigns!; and "Newsline". (322 11/22 Brown-IL)
 15560 *0630 RN: DD: ID and news. (333 11/9 Findlater-CA) Anyone know, Is this from Flevo?
 17575 *1930 RN: FF: //21685(Bonair); OM & YL w/dialog. (555 11/14 Findlater-CA)

NORWAYRadio Norway Intl. Radio Denmark

7210 2105 RNI: EE: Tlk on economics, & light mx; under co-ch USSR. (pr 12/2 Famularo-JP)
 9565 *0400 RNI: Norwegian: ID in EE; OM w/news. (333 11/29 Quinn-CA)
 9570 *0429 RD: Danish: EE ID @0430, then news in Danish. (434 12/7 Carson-OK)
 9600 0740 RD: Danish: //21705, 9585; OM w/news. QRM de CXR - 9581.6. (122 11/15 Park-HI)
 9590 0720 RNI: Norwegian: ON & YL w/dialog. (333 11/13 Findlater-CA)
 9615 *0130 RD: Danish: IS, ID in Danish and EE; then sked & news. (433 11/10 Woering-MA)
 *0200 RNI: EE: IS, ID and news. (544 11/25 Bryant-UT)(333 11/18 Brown-IL)
 9645 0344 RD: Danish: ID in EE; OM & YL w/talk; 0354*. (444 11/29 Quinn-CA)
 11850 *2058 RNI: EE: IS, ID and news; "Norway Today". (343 11/18 Carson-OK)
 2200 RNI: Norwegian: ID and YL w/news. (444 11/12 Findlater-CA)
 15230 *1600 RNI: EE: News: 9 Norwegian hostages released; heavy QRM. (322 12/2 Brown-IL)
 21705 *1400 RNI: Norwegian: EE s/on & ID; then news in Norwegian. (333 11/16 Carson-OK)
 *1900 RNI: EE: OM & YL w/news; ID: "Radio Norway in Oslo". (343 11/11 Bryant-UT)

POLANDRadio Polonia

7270 *2030 RP: EE: News & "What We Said": review of the Polish press. (332 12/15 BC-NJ)
 9525 1850 RP: EE: //7285(221); Classical music & s/off anmts; 1855*. (332 11/18 BC-NJ)
 9540 *1559 RP: EE: IS & ID; OM w/news on Poland's elections. (242 11/25 Johnson-IL)
 9675 0640 RP: EE: DX program: OM host read listeners reports. (433 11/14 Johnson-IL)
 0700 RP: EE/Polish: end of "Focus", into news in Polish @0700. (322 12/7 Carson-OK)

PORTUGALAdventist World Radio RFE/RL Radio Portugal

7165 0345 RFE: Romanian: "Radio Europa Libera". "Libera" means Liberty in Romanian. I won't Angloize it this time. Heaven forbid! (444 11/14 Findlater-CA) //9595 BC
 9600 0232 RDP: EE: //9680, 9705; Nx, wx, "Getting to know Portugal" (333 11/22 Brown-IL)
 9635 2250 RDP: PP: //9705; OM w/play by play of soccer game. (333 11/10 Bryant-UT)
 9670 0915 AWR: EE: "DX Program" w/Winnie Almada, w/DX tips from DSWCI. (221 11/16 BC-NJ)
 9680 0000 RDP: PP: //9705, 11840; DJ playing pop music. (444 10/31 Findlater-CA)
 9705 0245 RDP: EE: "Mailbag" w/letter from SPEEDXer "Hal Butcher". (422 12/8 Janusz-NJ)
 "Welcome to Portugal" (433 11/24 Maier-NY) "DX Program". (433 11/24 Carson-OK)
 11725 0730 RFE: Bulgarian: //9705; "Radio Svoboda Europa". (444 11/6 Findlater-CA)
 11800 0900 RDP: PP: DJ w/upbeat music & vocals. (333 11/8 Findlater-CA) He said "upbeat!"
 15140 1532 RDP: PP: //21495; OM yells "GOOOAL!"; Yup, more futbol. (422 11/25 Johnson-IL)
 21530 1615 RDP: EE: About contest "Getting to know Portugal better". (333 11/22 Brown-IL)
 21700 0815 VOA-Europe: EE: //21570(fr); Contemporary rock/pop. (pr-fr 11/26 Famularo-JP)

ROMANIA

Radio Romania Intl.

9570 0205 RRI: EE: World Nx (433 11/14 Gaharan-LA) "Tunes for Everybody" (Levinson-PA)
 *0358 RRI: EE: //11940; News and then Press review @0417. (222 11/8 Carson-OK)
 9690 1940 RRI: EE: Comment on Eastern Europe's economic woes. (333 10/30 Johnson-IL)
 11940 0415 RRI: EE: OM w/news; program line-up. (333 11/12 Jones-TN)(222 11/28 Carson-OK)
 1325 RRI: EE: OM hosts Nationalistic orchestral music. (333 11/29 Johnson-IL)

SPAIN

Radio Exterior de Espana Radio Beijing

9360 0453 REE: SS: IS; OM and YL w/ID; into World news. (444 11/13 Owsley-CA)
 9630 0000 REE: EE: //11880; ID & nx; "DX Spot" (433 11/25 Brown-IL)(444 11/25 Bryant-UT)
 0148 REE: EE: "Panorama": about a local jazz pianist. (544 11/10 Woering-MA)
 0500 REE: EE: ID and OM w/news. (555 11/11 Findlater-CA)
 9690 0300 RBJ: EE: IS, ID & nx: U.S. in recession another 9 months. (444 11/14 Brown-IL)
 11880 0015 REE: EE: OM w/news: Brussels meeting, channel tunnel. (444 12/1 Valentine-CA)
 0115 REE: EE: //9630; "Panorama" (544 11/14 Gaharan-LA)(554 11/13 Fraser-MA)
 15375 1830 REE: EE: YL w/commentary on the Mid East. (444 11/10 Langlois-FL) 1830 ut? BC
 15395 1923 REE: EE: //15375; Press review; "Panorama". (333 11/23 Prath-FL)(433 Brown-IL)

SWEDEN

Radio Sweden

9695 0330 RS: EE: News; report on Norway's glaciers. (523 11/13 Malone-TX) ex- SCDX. -BC
 11705 *0200 RS: EE: //9695; YL w/news. (444 11/3 Findlater-CA)(333 12/5 Brown-IL)
 2330 RS: EE: Discussion of greenhouse effect. (433 11/13 Gaharan-LA)
 17740 *1230 RS: EE: //21570(poor); s/on & nx. Splatter de 17745. (pr-fr 11/22 Famularo-JP)
 17875 *1530 RS: EE: //21500; "Weekday". This freq, 17875 replaces 17880. (322 12/18 BC-NJ)
 17880 1535 RS: EE: //21500; "Weekday". (434 11/14 Johnson-IL)(333 11/16 Carson-OK)
 21500 1540 RS: EE: "Weekday": news about Sweden. (444 11/23 Bryant-UT)

SWITZERLAND

Swiss Radio Intl.

6135 0200 SRI: EE: 1/2 hr news program. (555 10/24 Maier-NY)(444 Bryan11/25 Bryant-UT)
 6165 0200 SRI: EE: //6135, 9885; "Dateline": Paris CFCF meeting. (433 11/20 Brown-IL)
 0753 SRI: EE/FF: "Dateline"; Swiss mx & FF programing @0800. (544 11/29 Carson-OK)
 9535 0600 SRI: FF: ID & YL w/talk. @0630 into GG: OM w/news. (444 11/11 Findlater-CA)
 9650 0418 SRI: EE: OM w/talk on the EEC and marketing. (444 11/13 Owsley-CA)
 9885 *0113 SRI: EE: //12035, 9650, 6095, 6135; Swiss polka mx. (555 11/12 Findlater-CA)
 0200 SRI: EE: AIDS conference in Malta. (554 11/1 A Jones-TN)
 0310 Red Cross Radio: EE: IS & ID; Roundup of activities. (33 11/25 Brown-IL)
 0400 SRI: EE: OM w/news on Sadam Hussein. (444 11/13 Owsley-CA)(333 Findlater-CA)
 11705 0320 SRI: FF: //9695; OM w/talk. (444 11/7 Findlater-CA)
 11955 1854 SRI: EE: //9885; "Dateline": watch making in Hong Kong. (333 11/23 Prath-FL)
 12035 0200 SRI: EE: //9885; News & "Dateline" (322 11/25 Carson-OK)(555 11/10 Brown-IL)
 2115 SRI: EE: ID; OM w/political commentary; poor. (222 11/8 Findlater-CA)
 15430 1530 SRI: EE: //17830, 13685; ID & nx: Thatcher's resignation. (444 11/22 Prath-FL)
 17830 1345 SRI: EE: Swiss Press - mixed views on the hostages. (333 11/22 Brown-IL)
 21630 1512 SRI: Romansch: //17830, 15430, 13685; IS, ID & amts. (333 11/23 Bryant-UT)

UNITED KINGDOM

British Broadcasting Corp BFBS Radio Canada Intl VOA

6050 0620 RCI: FF: OM w/ID and talk. (333 11/10 Findlater-CA)
 7170 0500 VOA: EE: ID; YL w/news. (333 11/1 Findlater-CA)
 7325 0235 BBC: EE: "Composer of the month" - Copland. (444 11/10 Brown-IL) Good pgm! BC
 9410 2140 BBC: EE: Broadcast from a hang glider in flight. (454 11/12 Fraser-MA)
 9915 0011 BBC: EE: "News Desk": Iran and human rights violations. (343 11/20 Brewer-KS)
 11935 1518 RCI: EE: //9555, 17820; 21545(pr); Nx & wx, NHL scores. (fr 11/13 Famularo-JP)
 13745 *0157 BFBS: EE: //7125; IS & jingle, "British Grenadiers"; dedications & messages.
 (444 10/17 Karcheski-MA)(423 Johnson-IL)(444 Brown-IL)(352 A Jones-TN)
 17640 1611 BBC: EE: "News about Britain"; amts & program about USSR. (122 11/8 Park-HI)
 17695 1645 BBC: EE: British soccer game in Liverpool & other scores. (333 11/17 Brown-IL)
 1333 BFBS: EE: Music & messages. (444 12/2 Cichorek-NJ)(pr-fr 11/20 Famularo-JP)
 17830^{nf} 0930 BFBS: EE: News & sports; mx requests, phone audio. (343 11/20 Matsushita-JP)
 21735 1349 BFBS: EE: YL w/list of celebrity birthdays & pop music. (333 11/9 Johnson-IL)

VATICAN CITY

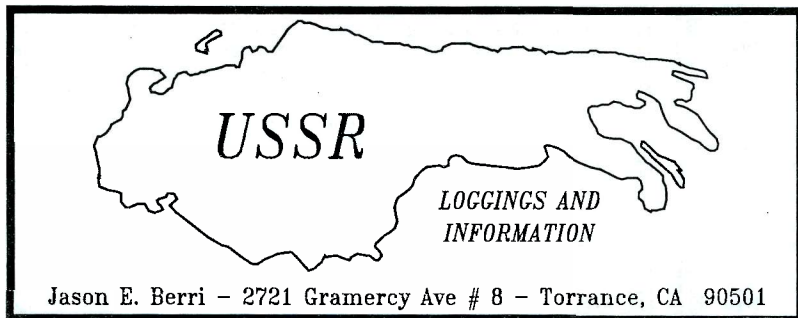
Radio Vatican

6185 0735 VR: EE: OM w/news. Under QRM from R. Educacion, Mex. (322 11/6 Johnson-IL)
 6248 *0400 VR: Serbian: IS & ID; OM w/religious talk. (333 11/5 Findlater-CA)
 7365 1908 VR: Arabic: //9645, 11740; IS & ID; news and rx talk. (444 11/8 Matsushita-JP)
 9605 0050 VR: EE: Pope's message of peace not war. (433 11/22 Hart-MN)
 11740 0740 VR: EE: OM w/news; into SS: @0748. (444 11/12 Findlater-CA)
 11745 0210 VR: SS: IS & bells; talk about South American missions. (433 11/14 Carson-OK)
 17865 *1200 VR: EE: Drama about the early church. QRM co-ch USSR. (fair 11/19 Famularo-JP)
 21630 1300 VR: EE: "Broadcasting to Africa with news & views". (444 11/12 Findlater-CA)

YUGOSLAVIA

Radio Yugoslavia

9620 0120 RY: EE: Talk about an annual book fair in Yugoslavia. (423 11/13 Woering-MA)
 11735 0101 RY: EE: News; Macedonia election; economic review. (444 11/14 Sampson-WI)
 0130 RY: EE: "Radio Ham's Corner". (444 12/1 Cichorek-NJ)(Gaharan-LA)(Brown-IL)
 17725 1300 RY: EE: //21715(433); IS, World news and home news. (222 12/8 Carson-OK)



| USSR | Radio Moscow | Radio Kiev | Radio Tashkent | Radio Vilnius | Radio Yerevan | Radio Station Peace and Progress |
|-------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------|---------------|----------------------------------|
| 4485 | 0525 | <u>R.</u> Petropavlovsk-Petropavlovsk (PWBR): RR: M ancw w/ western pop mx (332 11/6 Johnson-IL) (Owsley-CA) | | | | |
| 4610 | 0857 | <u>R.</u> Khabarovsk-Khabarovsk (PWBR): RR: M tik, ment of Khabarovsk, into opera mx w/ vocalist (242 11/23 Bryant-UT) | | | | |
| 4635t | 1258 | <u>R.</u> Dushanbe-Dushanbe (PWBR): ??: central-asian type mx (242 11/29 Johnson-IL) | | | | |
| 4795 | 0520 | <u>RM:</u> EE: discussion on imports and exports of consumer goods (353 11/12 Hardester-NC) (Johnson-IL) | | | | |
| 4810 | 0958 | <u>RM</u> (DS1)-Yerevan (PWBR): RR: IS to 1000, into M tik (242 11/25 Johnson-IL) | | | | |
| 4940 | 1335 | <u>RM</u> (DS2)-Yakutsk (ILG): RR: M tik into RR opera mx (444 11/4 Owsley-CA) | | | | |
| 5015t | 0515 | <u>RM</u> (DS2)-Arkhangelsk (ILG): RR: M w/ long tik (343 11/6 Johnson-IL) (<i>This is a tough one, it could also be Vladivostok. At this time Arkhangelsk is running Mayak (DS2), while Vladivostok has other domestic programming. Any suggestions on ways to tell these two apart? -ed</i>) | | | | |
| 5905 | 0710 | <u>RM:</u> EE: "Outlook" - cmtry on USSR/USA gulf crisis policies (555 11/3 Findlater-CA) | | | | |
| 5905 | 0838 | <u>RM:</u> RR: W interviewing M abt perestroika, ID "Govorit Moskva", \|\| 4485, 7345 (555 11/23 Bryant-UT) | | | | |
| 5910 | 1640 | <u>RM</u> (DS2)-Chita: RR: folk songs, IS @ 1659, TP, W ID into M nx (444 11/26 Matsushita-JP) | | | | |
| 5920 | 1759 | <u>RM</u> (DS2): RR: IS, TP, W ID & nx, classical mx (444 11/26 Matsushita-JP) | | | | |
| 6000 | 0200 | <u>RM:</u> EE: ID, M nx (444 11/4 Findlater-CA) | | | | |
| 6035 | 1448 | <u>RM</u> (DS2): RR: mx pgm, nx @ 1500, also ID'd as "Gostel R." (343 12/6 Carson-OK) (Findlater-CA) | | | | |
| 6145 | 1405 | <u>RM:</u> EE: W nx, "Culture and the Arts", \|\| 6165, QRM de RM in CC! (333 11/13 Park-HI) | | | | |
| 7135 | 1013 | <u>RM:</u> KK: RR folk mx, M ID, into cmtry (333 11/11 Bryant-UT) | | | | |
| 7150 | 0445 | <u>RM:</u> EE: ID, anmt abt computer marketing, folk mx contest, \|\| 12025 (433 11/11 Bryant-UT) | | | | |
| 7160 | 1018 | <u>RM:</u> JJ: M ID, nx piece w/ M speaking RR, folk mx, \|\| 7260, 9895, 7340, 5940, 5960 (433 11/11 Bryant-UT) | | | | |
| 7175 | 0530 | <u>RM:</u> EE: ID, M/W disc. on problems of attaining private ownership of land in USSR (333 11/3 Findlater-CA) | | | | |
| 7195 | 0400 | <u>RM:</u> SS: IS, ID, M tik (333 11/3 Findlater-CA) | | | | |
| 7200 | 0500 | <u>RM:</u> RR: IS, M/W tik, no ID, ment Minsk/Leningrad/Moscow (333 11/1 Findlater-CA) | | | | |
| 7270 | 0632 | <u>RM:</u> EE: interviews w/ long time staffers at RM (333 11/9 Carson-OK) | | | | |
| 7270t | 0830 | <u>RM:</u> RR: M long speech, no ID but ment Moscow/Gorbachev, \|\| 7260 (444 11/15 Findlater-CA) | | | | |
| 7310 | 0327 | <u>RM:</u> EE: ID, M/W w/ American jazz pgm, poor (222 11/8 Findlater-CA) | | | | |
| 7325 | 0330 | <u>RM:</u> EE: ID, M cmtry on terrorist activities in N. Ireland (444 11/8 Findlater-CA) | | | | |
| 7345 | 0850 | <u>RM:</u> RR: pop mx, no ID @ 0900 s/off, new station @ 0900 w/ lower power, weak RM ID (444 11/15 Findlater-CA) | | | | |
| 7360 | 0200 | <u>RM:</u> SS: ID, W/M tik (333 11/5 Findlater-CA) | | | | |
| 7370 | 0220 | <u>RM:</u> EE: W/M w/ mailbag pgm (433 11/5 Johnson-IL) | | | | |
| 7390 | 0200 | <u>RM:</u> SS: IS, ID, M tik (333 11/5 Findlater-CA) | | | | |
| 7400 | 2300 | <u>RV:</u> EE: tik on political prisoners union, sports nx (555 11/16 Robinson-TN) (Johnson-IL) | | | | |
| 7400 | 0006 | <u>RK:</u> EE: nx, "Culture in the Ukraine", "Ukraine Today", mx (433 11/9 Levison-PA) (545 11/9 Robinson-TN) (<i>Psychic! -ed</i>) | | | | |
| 7400 | 0230 | <u>RM:</u> RR: ID, M tik, RR choir mx, \|\| 7420 (333 11/5 Findlater-CA) | | | | |
| 9470 | 0230 | <u>RM:</u> SS: IS, ID, M/W explaining the meaning of strange sounding vocal mx (333 11/3 Findlater-CA) | | | | |
| 9480 | 0030 | <u>RM:</u> SS: ID, M tik, \|\| 9490, 9610 (333 11/6 Findlater-CA) | | | | |
| 9490 | 2300 | <u>RM:</u> SS: IS, ID, M nx, \|\| 9610 (333 11/5 Findlater-CA) | | | | |
| 9505 | 0730 | <u>RM:</u> EE: ID, M w/ "New Market" pgm on joint USSR-Finland ventures, "Update" (444 11/13 Findlater-CA) | | | | |
| 9540 | 1215 | <u>RT</u> -Tashkent (ILG): EE: cmtry on raising teacher's salaries (333 11/14 Gaharan-LA) (Robinson-TN) | | | | |
| 9665 | 0130 | <u>RM:</u> SS: ID, M tik, QRM de VOA (222 11/8 Findlater-CA) | | | | |
| 9675 | 1930 | <u>RM:</u> RR: IS, ID, M tik, poor (222 11/15 Findlater-CA) | | | | |
| 9685 | 0248 | <u>RM:</u> EE: "Vasily's Weekend" w/ special guest Gary Gears! (444 12/10 Janusz-NJ) (Owsley-CA) (Findlater-CA) | | | | |
| 9735 | 2100 | <u>RM:</u> EE: ID, "The Weekend Show" w/ letters from listeners, pop mx pgm (333 11/3 Findlater-CA) | | | | |
| 9751 | 0530 | <u>RM:</u> EE: ID, W nx + mx selections from Moscow theater (444 11/11 Findlater-CA) | | | | |
| 9755 | 1800 | <u>RM</u> -Petropavlovsk (ILG): EE: W wld nx (433 12/6 Valentine-CA) (Findlater-CA) | | | | |

9765 1800 RM: EE: wld nx, nx from USSR (555 11/11 Maier-NY) (Johnson-IL) Gaharan-LA) (Findlater-CA)

9775 0400 RM: RR: IS, ID, M tik, || 7380 (333 11/10 Findlater-CA)

9790 0900 RM (DS3)-Sverdlovsk (ILG): RR: IS, M tik (222 11/6 Findlater-CA)

9795 0645 RM: EE: ID, contest of pop mx performers (444 11/13 Findlater-CA) (Valentine-CA)

9820 0300 RM: EE: IS, ID, M/W dialogue (444 11/7 Findlater-CA)

9850 0930 RM: CC: IS, M/W tik (333 11/13 Findlater-CA)

9860 0225 RM: SS: IS, M/W tik (444 11/12 Findlater-CA)

9865 0100 RM: RR: IS, ID, M tik, poor (222 11/1 Findlater-CA)

9870 2200 RM: EE: IS, ID, W nx, co-chan QRM de Austria (222 11/5 Findlater-CA)

9880 0300 RM: SS: IS, ID, M tik, || 9860 (444 11/6 Findlater-CA)

9890 0200 RM: RR: IS, ID, W tik, poor (222 11/8 Findlater-CA)

9895 0400 RM: EE: W ID & freq anmts, into wld nx (555 11/13 Owsley-CA) (Findlater-CA)

11730 0130 RM: CC: ID, W ancr w/ light class. mx (333 11/12 Findlater-CA)

11800 2100 RM: RR: ID, M tik (222 11/8 Findlater-CA)

11850 0900 RM: RR: IS, ID, M tik (222 11/10 Findlater-CA)

11860 1205 RT: EE: festival of amateur film makers (433 11/9 Gaharan-LA)

11940 0900 RM: RR: IS, ID, M tik (222 11/11 Findlater-CA)

12025 0400 RM: EE: IS, ID, W nx (222 11/10 Findlater-CA)

12040 0400 RM: SS: IS, ID, M nx (333 11/6 Findlater-CA)

13690 0000 RM: ??: IS, ID, M/W dialogue (222 11/11 Findlater-CA)

15180 2310 RM-Komsomolsk (ILG): EE: nx abt Lithuania, tik, || 17690, 7400 (343 11/23 Prath-FL)

15180 0352 RY-Komsomolsk (ILG): EE: mx, ID, nx - new 5 ruble coins have Armenian leaf on back (333 11/21 Brown-IL) (Woering-MA)

15400 2100 RM: EE: ID, M nx, || 15425, 12050 (555 11/13 Findlater-CA)

15425 2315 RM-Petropavlovsk (ILG): EE: "Moscow Mailbag", || 9685, 7115 (242 11/24 Prath-FL)

15480 0200 RM: CC: IS, ID, M tik, || 15500 (333 11/5 Findlater-CA)

15550 1108 RM: EE: M nx on Soviet-Pakistani relations (354 11/9 Owsley-CA)

17570 2223 RM-Khabarovsk (ILG): EE: soviet pop mx, W ancr w/ "Your Top Tune" pgm, || 21690 (232 11/10 Bryant-UT) (Findlater-CA)

17605 0015 RM-Petropavlovsk (ILG): EE: M/W nx on free market and farming (444 12/1 Valentine-CA) (Findlater-CA) (Bryant-UT)

17655 0454 RM-Khabarovsk (ILG): EE: jazz pgm, into pre-nx routine, nx, || 17700, 17625, 17570 (444 11/26 Park-HI) (Findlater-CA)

17665 2320 RM: EE: W tik on relations btw Gorbachev and the military (555 11/13 Owsley-CA) (Valentine-CA)

17690 2324 RV-Petropavlovsk (ILG): EE: "Lithuanian by Radio", s/off @ 2329 (333 12/7 Carson-OK)

17690 0053 RK-Petropavlovsk (ILG): EE: ID, freq, sked, into Ukrainian @ 0100 (322 11/8 Carson-OK)

17690 0255 R-Petropavlovsk (ILG): RR: ID, M/W dialogue (444 11/14 Findlater-CA)

17700 0404 RM: EE: W nx, ID, Iraq brands Baker's visit to mid-east as colonialist, || 17720 (343 11/11 Bryant-UT) (Carson-OK)

17720 0000 RK: EE: M cmtry, "Ukraine Today" - progress of arms reduction - NATO vs USSR (555 11/13 Findlater-CA)

17720 0200 RM: RR: M/W ID (430 12/6 Valentine-CA) (S/O 430? -ed)

17755 0300 RM: RR: IS, M tik, QRM de co-chan VOA (222 11/14 Findlater-CA)

17775 0300 RM: EE: ID, M cmtry on current status of trade unions in USSR (444 11/14 Findlater-CA)

17790 1420 RM: EE: "Mailbag" - question abt requirements for ham radio license in USSR, ID @ 1430 (343 11/23 Brewer-KS)

17795 1413 RM: EE: tik on USSR republics and union treaty (323 12/10 Carson-OK)

17810 1507 RM: EE: nx, "News & Views" @ 1511 (333 11/16 Carson-OK)

17825 0130 RM: EE: ID, M w/ nx in brief (555 11/13 Findlater-CA)

17840 1300 RM: EE: W nx on mid-east crisis (444 11/16 Langlois-FL) (This may be via Plovdiv. -ed)

17850 0400 RM: RR: IS, ID, M tik (333 11/13 Findlater-CA)

17890 0130 RM-Irkutsk (ILG): EE: W w/ symphonic mx (444 12/6 Valentine-CA) (Bryant-UT) (Findlater-CA)

21480 0000 RM: EE: ID, M tik on joint venture construction projects (555 11/13 Findlater-CA)

21635 0230 RM: EE: ID, M w/ nx in brief (333 11/13 Findlater-CA)

21790 0110 RM-Chita (ILG): EE: end of nx, ID, "News & Views", || 21690 (232 11/25 Bryant-UT)

Relays

Plovdiv, Bulgaria: 7115
Havana, Cuba: 11710, 11840

Unidentified

9580 in RR @ 1800
9780 in RR @ 0940 - This is probably Alma Ata
11665 in RR @ 1930

Schedules

R. Afghanistan in EE from Nov. 4 via USSR
0930-1030 to S/SE Asia & FE: 4940, 9635, 17720, 15350
1830-1930 to Europa & NA: 6020, 7215, 9635
(9635 via Kabul)
[Y. Matsushita]

Again, a sparse amount of site IDs this month due to a lack of current site sources. Lots of good loggings anyway, even without the site IDs. Happy New Year to everyone and see you next month. -Jason



AFRICA

Paul Wakefield Box 188

West Branch, IA 52358

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

And wasn't THAT an exciting way to see in the UTC New Year? I'll bet I'm not the only SPEEDXer to hold a leap-second party this year. The town council refused to sanction it (if it doesn't relate to Herbert Hoover, West Branch can't be bothered), but the temporal cognoscenti who did gather are still in a heightened state. Who says small town life is dull!

ALGERIA

- 9535 1909 RTV Algerienne: FF: W DJ w/rock mx- Roger Daltrey, The Cars, Sting, one AA tune (323 12/4 Johnson-IL)
- 15160 1825 RTV Algerienne: FF: Discussion by two M. pop mx by The Damned, Kool and the Gang (343 11/19 Willers-SWITZ)

ANGOLA

- 9535 2210 R. Nacional: PP: Pop mx by Phil Collins, "La Bamba", M w/ID @ 2220, latin-type ballad, vibraphone IS & ID @2230 (322 11/17 Johnson-IL)

ASCENSION ISLAND

- 6005 0210 BBC: EE: ID, British press review (312 11/24 Trescher-PA) Program details, African nx (323 11/2 A.Jones-TN) Description of rugby rules (322 11/12 Brown-IL)
- 9600 0300 BBC: EE: Bush telephones Thatcher, Thatcher resigns, Bush visits Saudi Arabia (322 11/22 Brown-IL)
- 11860 1404 BBC: EE: English by Radio- "tell the people what you mean" [I've started a lot of fights that way- ed.] (322 11/22 Brown-IL)
- 15260 2137 BBC: EE: Resignation of Thatcher (333 11/23 Brown-IL)
- 15400 2234 BBC: EE: Prg details, gulf crisis (322 11/18 A.Jones-TN)
- 21660 2030 BBC: EE: ID, "Meridian" (343 11/24 Bryant-UT) Labor party delights in Thatcher's resignation (333 11/22 Brown-IL)

BENIN

- 4870 0523 ORT du Benin: FF: Drums, into African mx, two ancrs w/ID (243 11/13 Owsley-CA) Female group vocals, anmts, more mx (332 11/11 A.Jones-TN) @2238 EZL, soft rock incl "Whiter Shade of Pale" (they must love that song- they play it often), M s/off routine, NA, 2300* (242 11/11 Johnson-IL) Two M tlk (321 11/14 Bishop-NY)

BURKINA FASO

- 4815 0530 RTV Burkina: FF: NA, mx (352 11/11 A.Jones-TN) African mx (221 11/16 Bishop-NY) Mx w/W DJ, hilife & pop incl Tina Turner, transmitter problems, off air twice for a minute each time (453 12/2 Johnson-IL)

CAMEROON

- 4750.2 *0429 CRTV-Bertoua: FF/EE: Carrier tone, @0430 alt FF & EE ID's "This is Bertoua" & freqs, repeated five times, then new xylo theme mx to 0443, FF to 0500, then EE nx- heard regularly, but not with this s/on routine (322 11/27 George-MA) Hilife, occ anmt in FF (232 11/19 Johnson-IL)
- 5010 0459 CRTV-Garoua: FF/EE: Strident singing, W "You are tuned to Garoua, provincial station of Cameroon RTV", CRTV theme mx, into EE nx from Yaounde (232 12/6 George-MA) M tlk in FF (221 11/30 Bishop-NY)

CENTRAL AFRICAN REPUBLIC

- 5034.4 2215 RTV Centrafricaine: FF: M anmt, hilife & jazz mx (333 11/20 Johnson-IL)

CHAD

4904.5 2148 RN Tchadienne: FF: M tlk, FF pop & EZL mx (333 11/28 Karcheski-MA) @0430 NA, children singing march, hilife (343 11/9 Johnson-IL) @*0559 Xylo IS, no chorus, right into drums, occ tlk, couldn't copy: On 1 1/2 hrs later than usual- this was the morning after the govt was overthrown, has been off much of the time since then (222 12/1 George-MA) [Great log, Steve!]

CONGO

4765 1826 RTV Congolaise: FF: African pop mx (343 11/23 Ashimori-JP) [Great to have you aboard, Tsunaaki] Two M tlk, ment Congo, no nx on the hour (333 10/30 Willers-SWITZ) African mx (433 11/14 Bishop-NY) Hilife, good signal (343 11/14 Johnson-IL) @2201 in EE- Nx of Congo, economic problems, into hilife @2204, no RM via Cuba tonight- havn't heard EE nx since this log (343 11/30 George-MA)

15190 1635 RTV Congolaise: FF: Phone-in prg (322 9/1 Kiselyov-USSR)

EGYPT

9400nf 0430 R. Cairo: AA: Qu'ran, followed by cmtry w/ments of "Arabiyah" & "Iraq", bell tolls @0500, nx- preceded by instrumental version (on Arabic instruments) of "Relax" by Frankie Goes to Hollywood (322 11/15 Johnson-IL)

9475 0201 R. Cairo: EE: Pyramids, mx (444 11/8 Carson-OK) Egyptian mx (222 11/2 A.Jones-TN) ID, mx w/dedication for Bridgeport CT, letters, -nx (433 11/11 Brown-IL)

9850 2030 VO Arabs: AA: ID, M tlk, chanting (333 11/5 Findlater-CA)

9900 2220 R. Cairo: EE: Tourism in Egypt, Coptic Church (453 11/13 Fraser-MA) "Spotlight on the Middle East", "Egypt as Seen by Others", into AA @2240 (433 11/13 Carson-OK) AA mx, ID some audio problems (333 11/5 Abbinante-IL) Lang lesson (343 11/15 Bryant-UT) "Egyptian Hits", nx, 2245* (333 11/17 Willers-SWITZ)

12050 0205 R. Cairo: AA: Sounded like radio drama, classical mx backround (333 11/22 Abbinante-IL) Radio drama w/several charachters ["As the Nile Flows"?- ed.] (444 11/10 Bryant-UT) Forum-type prg (353 11/18 A.Jones-TN)

EQUATORIAL GUINEA

5004 2122 RN de Guinea Ecuatorial- Bata: SS: Long M tlk, brief mx bridge, ID & s/off anmts, NA, 2204* (333 12/2 D'Angelo-PA)

6250 2144 RN de Guinea Ecuatorial- Malabo: SS/VN: VN mx, tlk in SS (444 11/28 Karcheski-MA)

7190.3 2145 R. Africa: EE: W w/ID, gospel mx, scripture reading, canned rlg prg (232 11/10 Bryant-UT)

GABON

4777 2335 RTV Gabonaise: FF: M w/nx, UTE QRM (222 11/12 Johnson-IL)

9580 0535 ANQ: FF: Good mx, sexy-sounding W DJ (333 11/11 A.Jones-TN)

9790 2200 RFI: FF: ID, M tlk (444 11/4 Findlater-CA)

11800 0715 RFI: FF: ID, M tlk, poor signal (222 11/9 Findlater-CA)

15475 1857 ANQ: EE/FF: W w/nx of elections in Cote d'Ivoire, back into FF @1859, mx by Bobby McFerren (444 11/17 Thornton-NJ) Lively Afropops (555 11/20 Owsley-CA) M DJ singing along w/hilife- "yo...yo...yo..." (455 12/5 Johnson-IL) FF pop mx, ID (444 10/30 Willers-SWITZ)

17630 1502 ANQ: FF: Nx, wx for Libreville, ID (333 11/23 George-MA)

21635 0000 RJ: JJ: ID, M tlk, 0030* (555 11/13 Findlater-CA)

GHANA

3366 0042 GBC-2: EE: African mx w/large M chorus, much UTE QRM (222 11/11 Abbinante-IL) African percussion mx (252 11/11 A.Jones-TN) Classical mx, M tlk (322 11/14 Bishop-NY)

4915 2230 GBC-1: EE: Freqs, nx of ANC, tlk of cross-section of soldiers, choral mx (545 11/16 Robinson-TN) Guitar IS to 0530, NA, "Thoughts For the Day", into VN (333 10/29 Findlater-CA) Vocals, tlk by M & W (333 11/28 Cichorek-NJ) Choral mx (333 11/13 Owsley-CA)

6130 1915 GBC: EE: "Change of Time" mx prg (322 9/3 Kiselyov-USSR) [Havn't heard this one in ages- ed.]

KENYA

- 4915 2324 VO Kenya: EE: Local nx, ID (343 9/11 Kiselyov-USSR)
 4935 2050 VO Kenya: EE: US pops, Kenny Rogers, TP's & ID, nx (232
 12/1 Cichorek-NJ) Soft pop mx- very weak (241 11/9
 Johnson-IL) Nx, rlg prg, foll ID @2106, NA, 2107* (354
 12/2 George-MA) Phil Collins, TC, devotionals, "Goodnight
 until 5 AM", NA (222 12/6 Thornton-NJ)

LESOTHO

- 3255 0354 BBC: EE: ID @0359, pips, TC, nx (222 11/22 Karcheski-MA)

LIBERIA

- 6035 0527 VOA: EE: Sports - Giants vs 49ers (555 11/11 A.Jones-TN)

MADAGASCAR

- 11740 2000 RN: FF: M tlk, 2025*, poor (222 11/2 Findlater-CA)
 15570 1635 RN: EE: Nx- Bush says his patience is running out, Thatcher
 steps down, report on Czechoslovakia (333 11/22 Brown-IL)
 "Media Network" w/review of ICOM ICR-1 (it's no DX
 machine) //6020 (222 11/29 Park-HI)
 17575 1446 RN: EE: Asian trade (323 11/5 Johnson-IL)
 21485 0855 RN: EE: "Asia Scan" on Phillips Electronics expanding
 operations in China (222 11/23 Park-HI)

MALI

- 4835 2143 RTV Malienne(t): FF: African type of mx w/no tlk, no ID
 @2200 (433 11/14 Bishop-NY)
 5995 0702 RTV Malienne: FF: M w/nx- heard ment "Amerique" & "gulf",
 Hilfe mx (443 11/17 Johnson-IL)
 7285 0712 RTV Malienne: FF: Patriotic march, followed by M w/many
 names & occasional "Bamako", also said "famille" a lot
 (obituaries, maybe?) //9635, 11960 (343 12/2 Johnson-IL)
 9770 0300 RE: EE: IS, ID, world nx (555 11/16 Trescher-PA) @0254 in
 CC trad CC mx, W w/ID in CC, silent open carrier @0255
 (444 11/15 Bryant-UT)
 11715 0000 RE: EE: Nx about China (333 11/14 Gaharan-LA) @0222 in CC W
 w/prg in standard CC (554 11/13 A.Jones-TN)

MAURITANIA

- 4845 0705 RTV Mauritanie: AA/FF: Their strange & wonderful lcl mx,
 one song to 0722 w/out break, brief AA tlk, more mx, @0730
 nx of W Afr in FF (444 12/1 George-MA) on 4835 Prayers,
 lot of tlk about Islam & Allah- this freq is drifting a
 lot lately (343 11/23 Willers-SWITZ) @2225 M tlk (on freq
 today!) (252 11/11 Johnson-IL)

MOROCCO

- 9575 1750 R. Medi 1: FF/AA: FF DJ w/mx by UB40, The Beatmasters, ID &
 nx in AA (544 11/14 Willers-SWITZ)
 17595 1528 RTV Marocaine: EE: ID- "This is the International Service
 of the RTM", followed by nx @1530 (343 11/23 George-MA)
 17815 1705 RTV Marocaine: FF: Mx show w/songs from Tears For Fears,
 Belinda Carlisle, ID (444 11/18 Willers-SWITZ)

NAMIBIA

- 3290 0300 NBC: EE: Nearly 30 min of uninterrupted lite mx, M w/ID,
 TC- mixture of pop, country, German songs (333 11/29
 Bryant-UT) National nx, ID (333 9/12 Kiselyov-USSR)

NIGER

- 5020 0520 Lv du Sahel: FF: African mx, M w/anmts, childrens chorus
 (252 11/11 A.Jones-TN) African rythms w/child vocals (343
 11/9 Johnson-IL) @2133 M tlk in FF, ID, mx in VN (434
 11/28 Karcheski-MA)

NIGERIA

- 3325 2113 R. Nigeria-Lagos: EE: M tlk, poor- QRM, static (322 11/13
 Bishop-NY)
 4770 2110 R. Nigeria-Kaduna: EE: W ancor w/tlk about social welfare,
 Nigerian Center for the Blind, (333 12/5 Cichorek-NJ)

4990 2050 R. Nigeria-Lagos: VN: M tlk. sounds like FF, but not listed on this freq (332 11/30 Bishop-NY) @0500 in EE station jingle, pop mx (343 11/27 Johnson-IL)

7255 0458 VON: EE: Prg hilights, ID "This is the V. of Nigeria, Lagos" (322 11/15 Brewer-KS) S/on into "Morning Flight" (444 11/9 Carson-OK) M w/features on Nigerian pop mx (555 11/13 Owsley-CA) ID & freq, TC, prg lineup, sports (433 10/29 Willers-SWITZ)

RWANDA

7225 0420 DW: EE: Gulf crisis- poor (222 11/5 Findlater-CA)

15270 2239 DW: GG: Symphony mx at full blast (453 11/18 A.Jones-TN) ID, m tlk (444 11/7 Findlater-CA)

SEYCHELLES

9585 1831 FEBA: FF: W w/ID "Radio Fay-bah", IS (354 12/5 Johnson-IL)

11860 1655 FEBA: OR/AH/TN: "The Joy Prg", Nairobi QTH, rig tlk, hymns, IS & lang change @1730 (Amharic), 1800 (Tigrina), 1830* (444 12/5 Johnson-IL)

11865 1500 FEBA: EE: Gospel reading (322 9/2 Kiselyov-USSR)

15150 *1227 FEBA: NP: IS, M w/"Yo FEBA Radio Ho", Nepali mx, heavy splatter de VOA Philippines relay (pr-fr 12/1 Famularo-JP)

15200 1258 FEBA: MA: IS & EE ID, mx & songs, best in USB as heavy splatter de VOA in KK (fr 11/25 Famularo-JP)

SOUTH AFRICA

3215 0336 R. Oranje: EE: Light country mx, ID (232 11/29 Bryant-UT)

3320 0340 R. Suid-Afrika: AK: M w/long tlk, ID, EZL mx //4810 (232 11/29 Bryant-UT)

15365 2053 R. RSA: EE/FF: IS, EE ID, into FF (333 12/1 Brown-IL)

17790 1700 R. RSA: EE: Nx- Transkei leader demands P.W. Botha's resignation (433 11/24 Thornton-NJ)

SUDAN

9540 1930 R. Omdurman(t): AA: Exotic mx (sounded like AA/Afr mix), then long M tlk to abrupt 1945* (232 11/14 Johnson-IL)

SWAZILAND

9520 1955 TWR: FF: Organ mx, bell IS, s/off (242 11/28 Johnson-IL)

15210 1833 TWR: EE: M & W w/tlk on faith, ID, rig mx, address (fr 11/17 Famularo-JP)

TOGO

3222 2205 RD de Kara: FF: Two M tlk, much QRM from UTE (221 11/16 Bishop-NY) [Great catch, Forrest!- ed.]

5046.5 0525 RTV Togolaise: FF: Chimes, hymn, ID "Radiodiffusion Togolaise" (322 11/8 Bagozzi-CA) @2235 Prg of mx by the Police (353 12/3 Johnson-IL)

TUNISIA

7475 0402 RTV Tunisienne: AA: ID "Huna Tun-yee-sah", nx by W, M w/prayers to crowd (353 11/11 Bryant-UT) W amnt, exotic mx (454 11/11 Johnson-IL)

12005 1842 RTV Tunisienne: AA: AA mx, telephone calls from people living in Tunis, ID (444 11/12 Willers-SWITZ)

UGANDA

4976 2055 R. Uganda(t): EE: Ricky Nelson sings "Poor Little Fool", inaudible ID, s/off amnts, pres NA (212 11/23 Thornton-NJ) Faint Afr rythms, brief NA @2100*- Improved by closing, should be better next month (131 11/5 Cichorek-NJ)

5026 2050 R. Uganda: SH: M tlk, brief rig mx on organ, NA, 2100* (pr-fr 12/2 Famularo-JP)

CLANDESTINES

15685 1540 VO Unity: UR?: M w/tlk in lang, into Qu'ran chants, QRM de WWCN on 15690 (222 11/23 Bryant-UT)

DX News: Updating last issue, R. Liberty-Monrovia went on the air 11/15 on 7275 kHz. The new transmitter is a mobile station provided to the interim govt by Nigeria. AFP reported on 11/18 that Charles Taylor's forces had tried to destroy the transmitter. (BBC Monitoring via SCDX)



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

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

Hello, and welcome to the first column of 1991. Nobody complained when, last month, I left my snarky comments until the end, so I'll do the same this time around.

AFGHANISTAN

Radio Afghanistan

9635 *1830 RA: EE: ID/frq anmt; nx read by W; lcl mx (433 11/13 Willers-SW) (As far as I know, Steven, this frq is direct, and not via a USSR xmtr.-ed.)

AUSTRALIA

VLQ Brisbane

4920 0815 VLM4: EE: Nx; M ID; TC; then country mx (242 11/23 Bryant-UT) @ 1012 w/"ABC Radio" ID and some sort of talk show (242 11/11 Johnson-IL) (t) @ 1056 w/M/W tlc; very weak (242 11/16 Karcheski-MA)

9660 0800 VLQ9: EE: ID; M sports interview (333 11/12 Findlater-CA) @ 0919 w/ABC ID; country mx; //4920 (333 11/23 Bryant-UT)

Stuffing RA into the pouch again, we find the following, in EE unless otherwise noted: 6060 by Carson-OK; 7240 by Rucker-FL; 9580 by Brown-IL, Fraser-MA, A. Jones-TN, Owsley-CA; 9710 in PD by Bryant-UT; 9860 by Bryant-UT, Famularo-JP; 11930 by Rucker-FL; 13605 in CC by Carson-OK; 13705 in IN by Findlater-CA; 15240 by Brown-IL; 15465 by Prath-FL; 17630 by Wolfson-OH; 17795 by Gaharan-IA; 17855 by Bryant-UT, Carson-OK; 21740 by Bryant-UT, Carson-OK, A. Jones-TN.

BANGLADESH

Radio Bangladesh

4879.9 1245 RB: BENGALI/EE: M chant to star/drum mx; M Bengali ID/anmt; @ 1257 W "This is R. Bangladesh" (232 11/25 Johnson-IL)

CHINA

Central People's Bcst Stn Radio Beijing
Swiss Radio Int'l relay Spanish Foreign Radio relay

3280 1320 VO PUJIANG: CC: M tlc and CC mx (243 11/14 Froemming-AZ)
4020 1330 RB: KK: M nx w/lots abt Iraq (434 11/13 Froemming-AZ)
4750 1155 XTZANG PBS: CC: M slow CC tlc; W ID @ 1200 (343 12/9 Reese-DE) (p) @ 1148 w/lcl inst mx w/M ancr; (p) ID @ 1200; flute mx bridge and possible nx (252 11/16 D'Angelo-PA)
4875 1157 VO JINLING: CC: Slow W tlc; then EZL mx (333 11/23 Reese-DE) @ 1300 w/M reading very long text (332 11/29 Johnson-IL)
4915 1340 GUANGXI PBS: CC: CC mx and poss. foreign lang class w/words repeated over and over (333 11/15 Froemming-AZ)
4950 1120 (p)VO PUJIANG: CC: Western symphonic mx; (p) ID @ 1131 and more of the same (232 11/30 Cichorek-NJ)
6810 1022 RB: HAKKA: M slow tlks w/ments Beijing (232 11/23 Bryant-UT)
6933 2224 RB: SS: Px of CC mx w/M tlc; very weak, even w/sync on (333 11/18 A. Jones-TN)
7350nf 0900 HELONGJIANG PBS-1: CC: W TC/ID; nx to 0905; CC mx px w/W presenter; //4840 (444 11/27 Matsushita-JP)
7405 1520 RB: EE: Tlc abt new building projects in China (444 11/16 Froemming-AZ)
7480 1330 SRI RELAY: EE: TC/ID; W nx of Soviet food shortage (exc 12/1 Shimada-JP)
7820 1035 RB: RR: W nx; ID "Govorit Beijing" RTTY QRM (433 11/23 Bryant-UT)
9064 2343 CPBS-2?: CC: Trad CC mx; not //9080 though both listed as CPBS-1 but was //11040 listed as CPBS-2 (333 11/22 Bryant-UT) (As I pointed out last time, the CPBS frq usage is in a state of flux these days--beware!-ed.)

(More....)

CHINA continued...

9170 2337 TAIWAN-1: CC: W reading nx; //11000 (232 11/22 Bryant-UT)
11910 1104 SFR RELAY: SS: 2 W reading nx w/ID @ 1107; this frq is via
XI'an, 7/4130 via Beijing (544 11/6 Matsushita-JP)
15235 0245 RB: SS: M tlk; closing ID/frq anmt; 0257* (333 11/2
Findlater-CA)

CYPRUS

Cyprus Best Corp

7180 *2214 CBC: GREEK: IS played on guitar; ID; W tlk; then a long
play (544 11/17 Willers-SW)

FRENCH POLYNESIA

RFO Tahiti

15170.8 0630 RFO: TAHITIAN: "The usual grass skirt goodies 'Hey lana
nookie nookie hey'" (343 11/1 Johnson-IL) (That's one way
of putting it, Tim.-ed.) @ 0338 w/long W tlk, subject
unknown (252 11/7 A. Jones-TN)

GUAM

KSDA

15610 2330 KSDA: EE: "DX Asia Waves" px (on Saturdays)w/tips from Craig
Seeger of the ADXC (322 12/1 Colyard-NJ) @ 2312 w/Bible
story from the Book of Judges (333 12/5 Thornton-NJ) (Don't
you get enough of judges at work-hi!-ed.)

HONG KONG

BBC relay

7180 1023 BBC: CC: M/W tlk abt Taiwan; clear "London, BBC" ID @ 1024
(444 11/11 Bryant-UT)
11945 0035 BBC: EE: "Pop Words" explaining lyrics of Michael Bolton's
song "How Am I Supposed to Live Without You" (221 12/5
Colyard-NJ) (Bet he wasn't singing about Maggie Thatcher-ed)
15280 0500 BBC: EE: Nx of severe storms in Britain (233 12/9 Fischer-WI)
17830 0016 BBC: EE: "Newsdesk" (343 11/3 Cichorek-NJ)

INDIA

All India Radio

4860 1255 AIR DELHI: EE: Sitar mx; "All India R." ID (343 11/25 Johnson)
9615 1427 AIR: EE: ID; biographical tlk abt poet named Singh (444
11/23 Bryant-UT)
9730 2045 AIR: EE: Cmty on Indian agriculture; //11620 was SIO 242
(323 11/17 Johnson-IL)
9950 1531 AIR: EE: ID; world nx/sports; very clear signal (333 11/29
Bryant-UT)
11620 2115 AIR: EE: W/M mailbag show w/lots of letters from Nigeria (333
11/5 Abbinante-IL) (Also logged by A. Jones-TN, Johnson-IL,
Cichorek-NJ, Bryant-UT)
15110 2347 AIR: EE: Px of subcontinent mx (333 11/2 Thornton-NJ)
17870 1545 AIR: EE: Sked/ID; into px "Come and See" (454 11/23 Bryant-UT)

INDONESIA

Radio Republik Indonesia

3215 1150 RRI MANADO: IN: Mix of tlk and vocals to ID and SCI (at
1200?-ed.), followed by Jakarta nx (252 11/15 D'Angelo-PA)
4753 1327 RRI UJUNG PANDANG: IN: Indopops and EZL mx w/M presenter
(333 11/4 Owsley-CA) on 4753.2 @ 1100 w/gong followed by
M (p) nx; ments of Pandang @ 1130 (242 11/8 Johnson-IL)
4863.8 2035 RRI AMBON: IN: Modern AA-style mx/Indopops; W ID; Jakarta nx
2100-2105; then lcl px of trad IN mx (fr-gd 11/29 Famularo)
4874 1154 RRI SORONG: IN: Lcl mx px; @ 1200 SCI, M ID and W nx (353
11/1 D'Angelo-PA)
6186.5 0840 RRI (where?): IN: //11760 Jakarta w/M/W interview; separate
mx px 0849-0855; @ 0855 ID (missed QTH) and into Qur'an;
note that Manokwari was listed on 6185 in 1989 PWBR (pr-fr
11/22 Famularo-JP)
11751.5nf 0831 VO INDONESIA: EE: M ance w/Indopops; review of weekly head-
lines; @ 0850 ID and more mx (fr 11/24 Famularo-JP)

IRAN

Voice of the Islamic Republic of Iran

6030 1946 VOIRI: EE: M w/world and regional nx (212 11/23 Thornton-NJ)
9022 *1930 VOIRI: EE: M ID; Qur'an reading; then into nx (333 11/16
Langlois-FL) (Also logged in EE by Johnson-IL, Willers-SW;
in Paris by Owsley-CA; in AA by Abbinante-IL)
9720 0110 VOIRI: ??/SS: Continuous chanting to 0130, when SS px began;
//15084 was better (222 11/6 Findlater-CA)
11790 1428 (t)VOIRI: FARSI: IS; NA: 90% certain of ID by W; into Qur'an
(343 11/23 Bryant-UT)

IRAQ Radio Baghdad "Voice of Peace"
 9715 0340 RB: AA: AA nx px (555 11/8 Maier-NY)
 11810 0540 RB: AA: Exotic mx; then W tlking to M on phone w/repeated
 ments Iraa (322 11/12 Johnson-IL)
 11830 0418 RB: EE: ID: rpt on attack on US embassy in Manila; then AA
 mx (433 11/11 Bryant-UT) @ 0320 w/AA mx/EE ID (422 11/13
 Malone-TX) (Welcome to the column, Steven!-ed.)
 11860 1235 VO PEACE: EE: Song "Step by Step"; "You're tuned to the Voice
 of Peace in Baghdad" (322 11/7 Willers-SW) @ 2147 w/tlk abt
 US imperialism; mx dedications "for the American soldiers in
 the Arabian desert" (322 11/23 Thornton-NJ)
 13660 2157 RB: EE: W discussing Iraqi military superiority and US
 provocations (333 11/10 Bryant-UT)

ISRAEL Kol Israel was logged as follows (in EE unless otherwise noted):
 7465 by Abbinante-IL, Johnson-IL, Karcheski-MA, Woering-MA (and in RR by
Findlater-CA); 9435 by Brewer-KS, Bryant-UT, Owsley-CA; 9925 in Farsi by
Bryant-UT; 11605 by Abbinante-IL, Brown-IL, Carson-OK, Gaharan-LA, A. Jones-
TN; 13750 in HH by A. Jones-TN; 15618 in HH by Findlater-CA; 17545 in EE
 by Langlois-FL and in FF by Findlater-CA)

JAPAN Nihon SW Besting Radio Japan RCI relay
 3925 1330 NSB: JJ: M tlk; ID on half-hour and mx; then JJ mx (343
 11/16 Froemming-AZ)
 3945 0930 NSB: JJ: Tlk between M and giggling W; //6115 was SIO 322
 (232 11/11 Johnson-IL)
 6055 1103 NSB: JJ: Classical piano mx w/brief W tlk; M ID and more tlk;
 //79595 (353) (242 11/12 D'Angelo-PA) (t) @ 1335 w/M and
 laughing W tlk (242 11/9 Johnson-IL)
 7210 1034 RJ: KK: M/W nx; co-chan RR QRM (prob. Khabarovsk) (333 11/11
 Bryant-UT)
 9505 1318 RJ: EE: M tlk abt Japanese art (555 11/4 Owsley-CA) @ 1503 w/
 description of the Emperor's enthronement; co-channel QRM
 de Havana (433 11/12 Johnson-IL)
 11705 2203 RCI: EE: Nx read by Bob Cadman (222 11/8 Thornton-NJ)
 11870 0550 RJ: EE: Tlk abt health foods; "Tokyo Pop-In"; into JJ @
 0600 (434 11/28 Carson-OK)
 17785 2300 RJ: IN: W tlks and presents pop mx; //11840 (444 11/14
 Findlater-CA)
 17810 0143 RJ: EE: Japan's farmers import US "supercows" (454 11/25
 Bryant-UT) (Oh no! It's the Teenage Mutant Ninja Bovines!)
 (Also logged by Cichorek-NJ, Gaharan-LA, Prath-FL)

JORDAN Radio Jordan
 9560 1719 RJ: EE: M w/nx abt the Gulf (333 11/15 Johnson-IL)
 13655 1204 RJ: EE: Nx of Gorby's visit to Egypt (453 11/16 A. Jones-TN)
 @ 1204 (t) w/nx; "Jordan Weekly" (555 11/20 Willers-SW)

KOREA, D.P.R. Radio Pyongyang was logged as follows: 6250 in KK by Bryant-
 UT; 6540 in JJ by Bryant-UT; 6560 in JJ by Findlater-CA; 6576 in EE by
 Johnson-IL; 7200 in RR by Bryant-UT; 9977 in EE by Fisher-MA; 11335 in SS
 by Bryant-UT; 11700 in EE by Bryant-UT, ed.; 13650 in EE by Bryant-UT,
 Owsley-CA; 15115 in EE by Valentine-CA, Levison-PA, Janusz-NJ; 15230 in
 EE by Findlater-CA; 15340 in EE by Carson-OK.

KOREA, REPUBLIC OF Korean Best System Radio Korea
 6255 1251 KBS: KK: Sports coverage; KBS ID; M tlk; possible spur of
 6015--unseemed harmonic (pr-fr 11/15 Famularo-JP)
 RK was logged as follows: 5975 in JJ by Bryant-UT; 9570 in EE by Find-
 later-CA; 9750 in EE by A. Jones-TN, Langlois-FL; 11830 in EE by Bryant-
 UT; 15575 in EE by Bishop-NY, Brown-IL and in SS by Wolfson-OH.

KUWAIT R. Baghdad relay
 13620 1525 RB: AA: Qur'an; @ 1528 (p) cmt y w/ments America; ID @ 1535;
 //15505 (444) (242 11/12 Johnson-IL)

LEBANON King of Hope Voice of Lebanon
 6280.1 2118 KOH: EE: Sermons by W and M; addresses in CA/England/Cyprus;
 2200* (222 12/5 Reese-DE) @ 1946 w/px "Back to the Bible"
 (354 11/13 Willers-SW)
 6549.5 *1814 VOL: EE: "This is the Voice of Lebanon"; nx mainly abt Leba-
 non; EE px runs daily @ 1815 (343 11/19 Willers-SW)

MALAYSIARadio Television Malaysia

4835 1329 RTM SARAWAK: MALAY: EZL mx; TP/TC/M ID (444 11/4 Owsley-CA)
 4845 2205 RTM: TAMIL: M tlks between Indian-style mx cuts (322 11/14 Bishop-NY)

MYANMARVoice of Myanmar

4725 1307 (t)VOM: VERN?: M tlks; just barely audible but there! (141 11/25 Johnson-IL)

NEW ZEALAND RNZI was logged in EE as follows: 9695 by Brown-IL, Johnson-IL; 9700 (this frq replaces 9695) by Russell-MI, Famularo-JP, Bryant-UT; 15485 by Colyard-NJ, Johnson-IL; 17675 by Owsley-CA, A. Jones-TN, Bryant-UT.

OMANBBC relay Radio Oman

11760 0436 BBC: EE: "Gulf Link" px w/mention of "Yellow Ribbon Day" (322 12/2 Russell-MI) @ 0603 w/considerable report on John Major (232 11/28 Johnson-IL)
 11890 1839 RO: AA: Request px w/lcl mx and W reading out lots of names (433 11/14 Willers-SW)

PAKISTANRadio Pakistan

9645 1240 RP: URDU/EE: Folk songs w/W presenter; @ 1259 W ID; @ 1300 W nx in EE (343 11/27 Matsushita-JP)
 11570 1730 RP: EE: Cmty on religious/political unrest in India; //15605 (232) (332 11/14 Johnson-IL)
 15605 0634 RP: EE/URDU: EE cmty on Pakistan v. West Indies cricket; nx in Urdu; choral anthem; 0645* (fr 11/24 Famularo-JP)
 21730 *0230 RP: EE: IS; local/UTC TC and ID; M slow-speed nx for Asia; 0245* (fair 12/2 Shimada-JP) @ 0230 w/M nx; 0245*; //15115 (222 11/13 Findlater-CA)

PAPUA NEW GUINEA

3275 1151 JR. SOUTHERN HIGHLANDS: RD/EE: EE pops and some lcl mx; M anor w/PD and occ. EE tlk; ID @ 1202; fadeout 1214 (252 11/13 D'Angelo-PA)
 3345 1139 R. NORTHERN: PD: W tlk; string of W vocals; @ 1158 ID; then dead air till M nx @ 1200 (232 11/14 D'Angelo-PA)

PHILIPPINESRadio Veritas Asia Far East Best Corp

9520 1410 RVA: ??/EE: W/M tlk--seemed world nx; EE ID @ 1424; into VV px @ 1430 (242 11/9 Johnson-IL)
 9780 2224 FEBC: ??: IS and several W ID's; into (p) rlg tlk @ 2226 (222 11/28 Cichorek-NJ)
 9800 0900 FEBC: EE: Pop mx mixed w/mini-religious pitches (444 11/12 Findlater-CA)
 11650 2312 FEBC: EE/??: IS w/EE ID's; into unID lang @ 2316 (242 11/29 Rocker-FL)
 15345nf? 2345 FEBC: ??/EE: M vcls; W tlk w/mx background; long M tlk; @ 0000 EE ID/Manila address (222 12/?? Cichorek-NJ)
 15450 0115 FEBC: EE: "Good Morning India" px; W world nx @ 0130; "A Visit with Mrs. G"; 0200* (good 12/2 Shimada-JP)
 15490 *2358 FEBC: EE: IS; ID "This is FEBC, the sound alternative broadcasting from Manila"; then "Weekend Sunrise" px (333 11/3 Findlater-CA)

SAUDI ARABIABest Service of the Kingdom of Saudi Arabia

9870 1920 BSKSA: AA: Phone-in show w/M and W; bubble jammer always present (444 11/14 Willers-SW)
 11935 2055 BSKSA: AA: Qur'an; ID and off 2101*; R. Liberty came on the frq @ 2100 (344 11/11 Rocker-FL)

SINGAPORE

BBC relay was logged as follows this month: 9725 in IN by Famularo-JP; 9740 in EE by Rocker-FL, Johnson-IL; 11710nf in THAI by Famularo-JP.

SRI LANKASri Lanka Best Corp VOA relay

9720 1850 SLBC: EE: National nx; ID as World Service of SLBC; then lcl songs; mixing w/bubble jammer (fr 11/17 Famularo-JP)
 11705 0151* VOA: EE: "VOA Thursday Morning" px (333 12/5 Brown-IL)
 15120 1852 SLBC: EE: M w/ID and address; then px of Sinhala mx w/M laughing vocal (323 11/9 Johnson-IL)

TAIWAN Central Best System Voice of Free China Family Radio relay

6087 1150 CBS: CC: Vocals to W tlc @ 1159; 3+1 TP; trumpet fanfare; nx w/many ments Taiwan/Taipei (232 12/3 D'Angelo-PA)

7105 0953 CBS-2: CC: W ID; NA... Jammed w/xmsn which sounded like SSB garble (322 11/23 Bryant-UT)

7130 *1000 VOPC: KK: NA; clear Taipei ID and into nx; //6200 was also very good (444 11/11 Bryant-UT) (t) @ 0900 in CC w/tlk w/many ments Taiwan/Taipei but no ID (333 11/1 Findlater-CA)

9955 1533 FR: RR: W ID; short rlg message; RR folk mx; splash de AIR-9950 (322 11/29 Bryant-UT)

11550 1457 FR: EE: M rlg sermon on the family; "Family Radio" ID (444 11/23 Bryant-UT)

THAILAND Radio Thailand

9655 1054 RT: EE: M giving ID over jazz mx (232 11/8 Johnson-IL) @ 0020 w/"from Bangkok" ID; M nx; pops (333 11/1 Findlater-CA)

TURKEY Voice of Turkey Turkish Police Radio

7110 1915 VOT: GREEK?: Exotic mx w/M ancor; IS and off 1923* (232 11/24 Johnson-IL)

7370 0520 TPR: Lots of Turkish mx; M ancor (222 12/8 Fischer-WI) (Hope you get a QSL out of them, Greg!-ed.)

9445 0400 VOT: EE: National nx; Turkish press review (555 11/8 Maier-NY) (Also logged by Brown-IL, Carson-OK, Fischer-WI, Fraser-MA, A. Jones-TN, Langlois-FL, Owsley-CA)

UNITED ARAB EMIRATES VO UAE Abu Dhabi logged on 9780 in AA by Johnson-IL; on 11985 in EE (1st rpt of this in ages!) by Bryant-UT.

UAE R. Dubai was logged in EE as follows: 13675 by Brown-IL, Carson-OK, A. Jones-TN; 15320 by Willers-SW; 15400 by Brown-IL, Wolfson-OH; 15435 by Brown-IL, Woering-MA; 21605 by Abbinante-IL, Carson-OK, Langlois-FL.

VIETNAM Voice of Vietnam

5587.3 1228 VOV: HMONG?: Country-opera style singing; @ 1232 Vietnamese NA; M/W tlc; more vocals @ 1240; nothing on 5600 which used to have Hmong bcsts; rechecks show this frq //6600 (poor-fair 11/15 Famularo-JP) (Interesting stuff, Ralph!-ed.)

9840 1600 VOV: EE: Nx to 1610; interview w/American doctor (222 11/8 Bagozzi-CA) (Welcome to the column!) @ 2333 w/nx and px of trad VV mx (232 11/11 Carson-OK)

10010 1323 VOV: VV: Px of lcl mx w/W tlc (232 11/4 Owsley-CA)

YEMEN Radio San'a

9779.4 2100 RS: AA: Qur'an; NA and off 2111*; buried by a new Abu Dhabi xmsn co-channel (211 11/10 Johnson-IL) @ 0300 w/Islamic mx and Qur'an (322 11/2 Bagozzi-CA) @ 1719 (t) w/2 M long discussion ment Kuwait/Saudi Arabia; no ID (533 11/19 Willers-SW)

CLANDESTINE

13350h 0030 VO NATIONAL SALVATION: EE (!!): M ID in KK; W ID w/theme; M nx/comment; W sked w/theme; M sked in KK; 0102* (444 11/7 Matsushita-JP) (I was totally unaware that VONS--beamed from North to South Korea, had any EE bcsts, but Yukimasa says that they have one at 0030-0100 UTC on 3480, 4400, 4450 and 4557 kHz. He notes, too, that he's been hearing the 2nd, 3rd and 4th harmonics of 3480, as well as the 3rd, 4th and 5th harmonics of 4450. That's something to brag about!!-ed)

UNIDENTIFIED

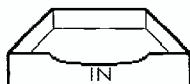
6940 1146 ??: M tlc--w also; seemed nx; lang may have been SEAsian (VV? Thai?) (333 11/23 Bryant-UT)

15670 0058 ??: (p)IS; martial mx just before 0100; then W (p)nx (252 12/13 Janusz-NJ) (My guess, Eddie, would be the CPBS Minority See in (1) Kazakh, but I can't be 100% sure.-ed.)

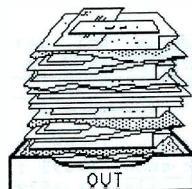
It's a good thing I made a few snarky remarks in the body of the column, as there's no room left for them here. Hope le Bear Noel was good to everybody! See you next month!

73-Bill

QSL REPORT



Ray Forsgren
4856 Inlet Drive
Chippewa Falls, WI 54729



AFRICA

- /CAMEROON/ CRTV-Yaounde: 4850 f/d ltr in 44 ds for \$2. V/S James Achyani-Fontem. (Weber-OH).
/EGYPT/ R Cairo: 9475 f/d Cairo cd w/ sked & calendar in 189 ds for an irc. V/S Rita. (Johnson-IL).
/GABON/ RFI Relay: 4890 f/d Paris cd w/ sked in 3 wks. (Humenyk-ON).
/MALI/ RDTV Malienne: 5995 f/d Map cd in 139 ds for a FF rpt & 2 ircs. (Johnson-IL).

ASIA

- /CHINA/ R Beijing: 9690 & 15100 f/d Silk Figure cd w/ paper cuts in 21 ds. (Levison-PA). 11600 f/d Doll cd in 17 ds. (Gaharan-LA). 15100 & 17705 f/d Palace cd w/ sticker & cutting in 20 ds. (Levison-PA). 15100 & 17705 f/d Dolls cd w/ sticker in 23 ds. (Levison-PA).
/HONG KONG/ BBC Relay: 15280 f/d Skyline cd in 37 ds for 2 ircs. (DeReese).
/ISRAEL/ KOL Israel: 9435 f/d Logo cd w/ forms in 39 ds. (Bishop-NY). 15640 f/d Wall cd w/ skeds in 54 ds for 2 ircs. (Malone-TX).
/NORTH KOREA/ 15115 f/d Countryside cd w/ pin, booklets & p cards in 96 ds via SPEEDXer Tsunaaki Ashimori. (Evans-TN)... R Pyongyang...
/SOUTH KOREA/ R Korea: 15575 f/d Olympic Park cd w/ goodies in 31 ds (Bishop-NY).
/SYRIA/ R Damascus: 9950 f/d Map cd in 315 ds Registered for 2 ircs. (Reese-DE). 12085 f/d cd w/ sticker in 20½ mo Registered for an irc. (Johnson-IL).
/TURKEY/ Turkish Police Radio: 7370 f/d Star & Crescent Logo cd w/ Tourist info in 9 mo after f-up for ms. (Karcheski-MA).
/U.A.E./ R Dubai: 15400 f/d Great Circle Map cd in 30 ds for 3 ircs. V/S K.F. Fenner. (Carson-OK).

EUROPE

- /AUSTRIA/ RAI: 9875 f/d ltr stating that they are out of cards, in 65 ds. (Janusz-NJ). f/d Fiaker cd in 65 ds. (Bishop-NY). 13730 f/d ltr in 20 ds. (Brown-IL).
/BELGIUM/ BRT: 21810 f/d Etterbeek cd in ?? ds. (Schulsinger-OH).
/BULGARIA/ R Sofia: 19 & 25 M. f/d Costumes cd w/ stickers in 63 ds for 2 ircs. (Carson-OK). 19.62 M f/d Musicians cd w/ ltr, stickers & stamps in 63 ds for ms. (Carson-OK).
/CZECHOSLOVAKIA/ R Prague: 5930 & 7345 f/d Architecture cd in 47 ds for 2 ircs. V/S Jan Valeska. (Carson-OK). 7345 f/d Caateau cd in 31 ds. (Levison-PA). f/d cd in 41 ds. (Levison-PA). f/d Castle cd in 42 ds. (Levison-PA).
/GERMANY/ RBI: 11890 f/d DX cd in 56 ds. (Gaharan-LA). 13610 f/d receiver cd w/ LAST QSL stamp on it in 42 ds. (Hardester-NC). 13770 f/d B'casting House cd in 43 ds for 2 ircs. (Carson-OK).
/GREAT BRITAIN/ BFBS: 7125 & 13745 p/d Gulf cd in 18 ds for \$1. V/S Richard Astbury. (Hardester-NC). 17695 p/d cd in 15 ds (Gaharan-LA). p/d cd in 3 mo for an irc. (Fisher-MA).
/HUNGARY/ R Budapest: 11910 f/d Budapest Square cd in 22 ds for a HUN rpt. (Levison-PA).
/ITALY/ RAI: 7275 f/d Amedeo Madigliani cd in 87 ds. (Brown-IL).
/NETHERLANDS/ RN: 6020 f/d Hermes cd in 32 ds for 2 ircs. (Carson-OK). f/d Anniversary cd in 8 mo. (Janusz-NJ).
/NORWAY/ RNI: 9615 f/d Glass Designs cd in 36 ds. (Brown-IL). 25730 f/d Special Verie #22 in 54 ds for 2 ircs. V/S Sverre Fredheim (Weber-OH).
/POLAND/ R Polonia: 7270 f/d Building cd in 88 ds. V/S Maria Goc. (Levison-PA).
/PORTUGAL/ RPI: 9705 f/d Map/Ships cd in 21 ds. (Brown-IL).
/SPAIN/ REE: 9630 f/d Barcelona cd in 36 ds. (Bishop-NY). f/d Casa Llansa cd in 51 ds. (Brown-IL).

/SWEDEN/ RSI: 9695 f/d Swans cd w/ sked in 2 wks. (Janusz-NJ).
/SWITZERLAND/ SRI: 12035 f/d Lausanne cd in 21 ds. (Brown-IL).
/VATICAN CITY/ R Vaticana: 9605 f/d x'mitting centre cd in 42 ds.
(Brown-IL).

U.S.S.R.

R Minsk: 17690 f/d Minsk Scene cd in 11 mo (Karcheski-MA).
R Moscow: 17695 f/d cd in 98 ds. (Jphnson-IL). 9655, 15425, 11730,
11930 & 15290 f/d cds in 65 ds for 2 ircs. (Carson-OK).
R Peace & Progress: 11980 f/d Hotel cd w/ sked in 82 ds. (Humenyk-ON).
15560 f/d Lenin cd in 76 ds. (Cichorek-NJ). 17615 f/d Moscow cd
in 108 ds. (Johnson-IL).

NORTH AMERICA

/CANADA/ RCI: 5960 & 9755 f/d Map cd in 12 ds. (Carson-OK). CFRX: 6070
f/d Logo cd in 20 ds for 2 ircs. V/S David Simon. (Carson-OK).
/COSTA RICA/ TIPC: 9645 n/d cd w/ ltr in 29 ds for 2 ircs. V/S Juan
Jacinto Ochoa. (Brown-IL).
/NETHERLANDS ANTILLES/ RN Relay: 6165 f/d Anniv cd in 35 ds for 2
ircs. (Carson-OK). 15330 f/d cd in 30 ds. (Schulsinger-OH). 15560
f/d B'cast Van cd in 27 ds for 2 ircs. (Carson-OK).
/U.S.A./ RNYI via WWCN: 7520 f/d Good Ship Sarah cd in 21 ds for ms.
V/S Randi Steele. (Schulsinger-OH). VoFC Relay: 5950 f/d Flask
cd w/ goodies in 16 ds. (Levison-PA). 5960 f/d Duck cd w/ goodies
in 16 ds. (Levison-PA). WCSN: 9850 f/d Antenna cd in 31 ds. (PA-
Levison). 21640 f/d cd in 43 ds for 2 ircs. V/S Ed Cockburn.
(Carson-OK). WSHB: 7395 f/d Logo cd in 22 ds. (Levison-PA).

OCEANIA

/MARIANAS ISLANDS/ KHBI: 9530 f/d Antenna cd in 30 ds. (Gaharan-LA).
f/d cd in 48 ds for ms. (Carson-OK).
/NEW ZEALAND/ RNZI: 17675 f/d Shepard cd w/ note in 22 ds for 3 ircs
V/S Rudi Hill. (Brown-IL).
/PAPUA NEW GUINEA/ R Morobe: 3220 f/d personal ltr in 20 ds for ms.
V/S Aloysius R. Nase. (D'Angelo-PA). R East Sepik: 3335 p/d per
ltr in 36 ds after f-up for ms. V/S Elias Albert. (D'Angelo-PA).
R Milne Bay: 3365 f/d cd w/ personal ltr in 55 ds after f-up for
ms. V/S Trevor Webumo. (D'Angelo-PA). R Western Highlands: 3375
f/d personal ltr w/ program log in 69 ds for ms. V/S Esau Okole
(D'Angelo-PA).

SOUTH AMERICA

/BOLIVIA/ R La Cruz del Sur: 4875 f/d ltr in 112 ds for a SS rpt & \$2
(Reese-DE).
/COLOMBIA/ Ondas del Orteguzaza: 4975 p/d form ltr in 39 ds after f-up
(3rd) for a SS rpt & ms. V/S C.P. Norberto Plaza Vargas. (D'Angelo-PA).
/ECUADOR/ HCJB: 9745, 11775, 15155 & 17890 f/d Iliniza Norte cd w/
stuff in 3 mo (Humenyk-ON). 15155 f/d cd in 20 ds. (Brown-IL).
f/d Mt. Antisana cd in 69 ds for 3 ircs. (Carson-OK). 15155 &
25950 f/d cd in 69 ds for 2 ircs. (Carson-OK).
/PARAGUAY/ A New address for R Nacional: Calle Montevideo
Thx to Barrera-AG via Eddie Esquina Estrella
Janusz. Asuncion.
/PERU/ R Cora: 4914.9 f/d plain cd w/ ltr & stickers in 55 ds for a
SS rpt & 2 ircs. V/S Juan Ramirez Lazo. (Reese-DE).
UTES
/USA/ SQT: 297 f/d pfc-250 watts. (Hardester-NC). LE: 350 f/d pfc-400
watts. (Hardester-NC). EMR: 385 p/d pfc-200 watts. (Hardester-NC).
CLANDESTINES & PIRATES
/USA/ Action Radio: 7415 f/d Logo cd in 60 ds. (D'Angelo-PA). Voice of OZ:
7410 f/d Oz Characters cd in 21 ds for ms. V/S Howard E. Lyon.
(Schulsinger-OH). WHDA: 7410 f/d Scope Readout cd in 30 ds for
ms. V/S Willie Ketchum. (Schulsinger-OH).

Hope the Holiday Season
treated you well, & all the
best for 1991!!

Ray



Trash & Treasure



Donald J. Weber 2169 Walter Road Westlake, OH 44145

The SEIKO World Time Touch Sensor clock has often been mentioned in shortwave radio circles as an excellent addition to our radio room. Probably the only deterrent to buying this item has been its cost, even through discount stores. A very close, at least, exterior imitation is offered through a mail order house, Enticements '90. The map and zones appear almost identical to the Seiko but the name of the manufacturer is withheld. Its code number is #4345. The price is \$39.95 with postage and handling adding on another \$5.25. Enticements '90, out of New Rochelle, New York, has a toll free number, 1-800-243-4300. (FAX number 1-800-344-4591.)

Another better-than-average item offered by HCJB through their Public Relations Department at Post Office Box 553000, Opa Locka, Florida 33055 is the publication, "Catch the Vision", a 266 page story/history of HCJB. The price is \$8.00 and, as always with HCJB, this includes any postage costs for shipment within North America.

DX TEAM BERLIN, c/o Günter Kuschnerreit, Selgenauer Weg 70, 1000 Berlin 47, Federal Republic of Germany publishes on a regular basis a frequency guide listing both German and English programming by the major world-wide broadcasters. A sample copy is seven (7) IRCs. While the prime and potential purchaser should be in Europe the information is quite still useful for an irregular purchase by listeners in other parts of the world.

Another European publication which could offer information to certain listeners is the August 1990, fourteen (14) page, Clandestine Stations List offered by the Danish Shortwave Clubs International, Tavleager 31, DK-1670 Greve, Denmark. Price is six (6) IRCs seammil or seven (7) IRCs airmail.

A Russian association of two radio clubs has issued what they call the "New Wave Diploma". For we outside of Europe, we can obtain this diploma by giving proof of verifications of thirty (30) European broadcast stations and sending ten (10) IRCs to Inter Radio Award Manager, Post Office Box 73, Leningrad 1960070, USSR. If we can offer sixty (60) confirmations of European broadcast stations the total cost would be fifteen (15) IRCs which would cover both the "New Wave Diploma" and a "Super Sticker upgrade" (Sounds like an airline frequent flyer code word.) The same address for both awards but the name of Aleksej Osipov, Kazanskaja 4-87, Leningrad 195213, USSR has been given for any further information. These awards cover any broadcaster, shortwave, AM or FM.

Radio Vatican used to sell cassette recordings but they moved up to compact discs sometime ago. Each CD is \$13. US and their five current offerings are a Perosi Stabat Mater, organ music of Scarlatti/Zipoli, a Paganini Capricci, choral music of Penderecki and Perosi's Il Giudizio Universale. The proper address to order any of these items is Frequenz s.r.l. - Edizioni fonografisch, Via Volturmo 80 - Edilnord/Portici 1, 20047 Brugherio MI, Italy.

Ontario DX Association has for sale a Foreign Language Recognition cassette tape with comment by Dr Richard E Wood. It covers fifty-five (55) different language examples with price in US dollars currently \$5.25, postpaid. The tape may be obtained directly from ODXA, Box 161, Station A, Willowdale, Ontario M2N 5S8, Canada.

DX → → TARGET → →

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

Located on Long Island is a very important utility service to the aviation community - New York Radio. Operated by the United States Department of Transportation's Federal Aviation Administration (FAA), New York Radio is officially known as the New York Automated Flight Service Station, or AFSS. New York Radio employs 75 highly trained specialists. They boast as having the best available communication and meteorological equipment, weather briefing and flight plan filing equipment, and weather graphics featuring live weather radar and satellite imagery. This equipment allows them to offer a broad range of services aimed at the general aviation community, such as providing pilot weather briefings, flight plan filing, in-flight and flight watch services. Many of these services are available to the aviation community through access to public telephones. However, as monitors of the shortwave spectrum, it's the broadcasting facilities that provide the most interest to SPEEDXers.

New York Radio operates ground - to - air communications and a VOLMET broadcast on a 24 hours a day basis. They serve the flying public in cooperation with other stations which share the same frequencies. Frequency sharing is quite common for aviation services.

The ground - to - air service is conducted in the VHF bands on 122.2 mHz and 122.6 mHz. They coordinate the relay of aircraft position reports, air traffic control information, weather reports and other pertinent data between pilots of aircraft and ground control authorities. The transmitter output is two kilowatts into a rhombic antenna arrangement.

New York Radio's aviation weather broadcast, better known as the VOLMET service, operates on the hour and thirty minutes past the hour and is of particular interest to the shortwave listener. VOLMET stations are transmit only facilities that broadcast airport forecast conditions for specific parts of the world. New York Radio VOLMET announces weather for twenty five (25) different airports in the United States, including three (3) Caribbean Island air terminals. The program broadcast is divided into four 5 minute segments. Each segment deals with six terminals in a predetermined schedule. The basic data consists of current weather conditions, forecasted weather conditions and any pertinent severe weather advisories. The VOLMET is intended to be a means of alerting pilots of North American and Caribbean flights to changes in existing weather and forecast conditions at their destination and possible alternative airports. Immediately following the New York Radio broadcast is a similar ten minute presentation by Gander Radio located at Gander, Newfoundland for airports in Canada.

The New York Radio VOLMET operates on a twenty four (24) hour schedule on 3,485 kHz; 6,604 kHz; 10,051 kHz; and 13,270 kHz. The 3,485 kHz frequency utilizes a doublet antenna arrangement. The other frequencies use a rhombic antenna. The VOLMET transmitters are located in Sayville, Long Island, New York which is approximately forty-five (45) miles east of John F. Kennedy International Airport (JFK). The transmitters are rated at three kilowatts.

In addition, the AFSS serves as a valuable tool for aviation education. They provide speakers to aviation and community service organizations, schools and colleges. The facility is open twenty four hours a day for in person weather briefings and tours. It is recommended that you call to arrange for a facility visit during normal working hours at 516 - 737 - 3534.

The station acknowledges letters and reception reports. The standard reply is a date only form letter QSL verification from Air Traffic Manager George A. Tracy. Address reception reports to:

New York Radio
New York Automated Flight Service Station
150 Arrival Avenue
Long Island MacArthur Airport
Ronkonkoma, NY 11779 USA

Remember to send logs to Editor Paul Lannuier for inclusion in the SPEEDX Utility Station List and QSL's to Ray Forsgren for the QSL Report column.

SPEEDX UTILITY STATION LIST

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

Part 1: 1600.0 to 7999.9 kHz

| KHz | MODE | COUNTRY | CALL | LOCATION | UTC | REMARKS | CONTRIBUTOR |
|--------|------|-------------|--------|-------------------------|------|-------------------------------------------------------------------------------------------------------------------|--------------|
| 2104.0 | USB | New Zealand | ZLC | Chatham Is. Radio | 0804 | Wx broadcast | Stringer-NZ |
| 2182.0 | USB | .... | .... | USCG COMSTAS | .... | International Distress/Calling Channel. Stations reported include: NMA21 St. Petersburg, FL; NMF2 Woods Hole, MA. | .... |
| 2201.0 | USB | Australia | VIS | Sidney Radio, NSW | 0750 | Wx broadcast | Stringer-NZ |
| 2207.0 | USB | New Zealand | ZLD | Auckland Radio | 0810 | Wx broadcast | Stringer-NZ |
| 2598.0 | USB | Canada | VCS | Halifax, NS | 0221 | Canadian Forces | Lukas-NY |
| 2716.0 | USB | .... | .... | WORLDWIDE USN FREQUENCY | .... | Fixed and mobile station t/c | .... |
| 2725.0 | CW | Italy | IDQ | Rome Naval | 0145 | Italian Navy. Marker | George-MA |
| 2754.5 | CW | Canada | CKN | Vancouver, BC | 1339 | Canadian Forces. DE Marker | Blair-CA |
| 2824.0 | USB | Netherlands | PCG | Scheveningen Radio | 0254 | Maritime wx broadcast | Karcheski-MA |
| 2863.0 | USB | Hawaii | .... | Honolulu VOLMET | 1055 | | Stringer-NZ |
| 2965.0 | USB | Australia | .... | Sydney VOLMET | 1030 | | Stringer-NZ |
| 3016.0 | USB | .... | .... | ICAO NAT-A AREA | .... | Stations reported include: Gander, Nfld., Canada; Shanwick, UK | George-MA |
| 3229.0 | RTTY | USA | AFS | Omaha, NE | 0147 | 850/75N: USAF AWS w/weather | Karcheski-MA |
| 3287.0 | CW | Canada | CKN | Vancouver, BC | 1234 | Canadian Forces. DE Marker | Blair-CA |
| 3290.0 | CW | Unknown | P | Unknown | 0416 | Single letter marker | Hardester-NC |
| 3319.0 | CW | Scotland | M6J | Glasgow Naval | 0025 | RN. Marker | George-MA |
| 3336.0 | USB | New Zealand | .... | Unknown | 0905 | Lands and Survey w/t/c in English | Stringer-NZ |
| 3345.0 | USB | New Zealand | BY [?] | North Island | 0733 | Mountain Radio w/t/c in English | Stringer-NZ |
| 3413.0 | USB | .... | .... | ICAO CEP AREA | .... | Stations reported include: Honolulu, HI | Flynn-CA |
| 3476.0 | USB | .... | .... | ICAO NAT-E AREA | .... | Stations reported include: Santa Maria, Azores; New York, NY | George-MA |
| 3485.0 | USB | USA | .... | New York VOLMET, NY | 1042 | Aero wx until 1050, then Gander | D'Angelo-PA |
| 3517.0 | CW | England | GNI1 | Niton Radio, | 0220 | Marker | George-MA |
| 3641.0 | CW | Taiwan | BMB | Taipei | 1237 | DE Marker | Blair-CA |
| 3730.0 | CW | USSR | URB2 | Klaipeda Radio | 2204 | Marker | Conway-UK |
| 4004.9 | CW | Unknown | K | Unknown | 1242 | Beacon | Stringer-NZ |
| 4007.0 | USB | .... | .... | USN MARS FREQUENCY | .... | Stations reported include: NNNØBSR & NNNØLKL | Lindley-AL |
| 4010.0 | USB | Australia | VNZ | Port Augusta, SA | 0920 | Phone patches. ID w.YL announcer | Stringer-NZ |
| 4019.8 | LSB | USA | WAR | Ft. Ritchie, MD | 2256 | US Army MARS | Lukas-NY |
| 4025.0 | LSB | .... | .... | US ARMY MARS FREQUENCY | .... | Stations reported include: AAR7FO, AAABCO & AIR Andrews AFB, MD. | .... |
| 4038.5 | USB | .... | .... | USN MARS FREQUENCY | .... | Stations reported include: NNNØZMH | Lindley-AL |
| 4066.1 | USB | .... | .... | WORLDWIDE USN FREQUENCY | .... | Fixed and mobile station t/c | .... |
| 4087.8 | USB | USA | WJG | Memphis Radio, TN | 2325 | T/c with various river boats | D'Angelo-PA |
| 4125.0 | USB | USA | .... | LIMITED COASTAL FREQ. | .... | Inland waterways ship-to-shore t/c. Stations reported include: WBV Port Richmond, NY; Port Allen, ??. | .... |
| 4221.4 | CW | Gibraltar | GYU | Gibraltar Naval | 0844 | RN. DE Marker | Conway-UK |
| 4223.0 | CW | Malta | 9HD | Malta Radio | 2131 | V Marker | Conway-UK |
| 4231.0 | CW | Qatar | A7D | Doha Radio | 1656 | DE Marker | Conway-UK |
| 4231.5 | CW | USSR | UVA | Unknown | 1956 | "CQ DE UVA QSS/QSX 4231.5/4206.5 8455/8388.5 12729/12601.5 PSE K" | Conway-UK |
| 4232.0 | CW | Martinique | FUF | Fort de France Naval | 0105 | French Navy. V Marker | Perdue-AL |
| 4232.5 | CW | Portugal | CTV4 | Lisbon Naval | 0843 | Portugese Navy. Wx msgs | Conway-UK |
| 4235.0 | CW | Canada | VAI | Vancouver Radio, BC | 0238 | Wx broadcast | Maier-NY |
| 4235.5 | CW | Spain | EDF | Aranjuez Radio | 2159 | V Marker | Hunt-LK |
| 4236.0 | CW | USSR | UDH | Riga Radio | 1655 | CQ Marker | Conway-UK |
| 4238.0 | CW | India | VTP4 | Vishakhapatnam Naval | 1653 | Indian Navy. V Marker | Conway-UK |

| | | | | | | | |
|--------|------|--------------|-------|-------------------------|-------|---------------------------------------|--------------|
| 4238.0 | CW | Israel | 4X0 | Haifa Radio | 2204 | CQ Marker | Hunt-FL |
| 4239.0 | CW | Malaysia | 9MB6 | Pinang Naval | 1745 | Malaysian Navy. V Marker | Hardester-JP |
| 4240.0 | CW | Malaysia | 9M6 | Pinang Naval | 1651 | Malaysian Navy. V Marker | Conway-UK |
| 4242.5 | CW | E. Germany | Y5M | Ruegen Radio | 2211 | V Marker | Hunt-FL |
| 4244.0 | CW | USSR | URL | Sevastopol Radio | 1726 | CQ Marker | Conway-UK |
| 4245.0 | CW | Australia | VIS53 | Sydney Radio, NSW | 1649 | V Marker | Conway-UK |
| 4247.0 | CW | USA | KPH | San Francisco Radio, CA | 1509 | Tfc list | Blair-CA |
| 4250.0 | CW | Mexico | XFL | Mazatlan Radio | 1045 | CQ Marker | George-MA |
| 4253.0 | CW | Turkey | TAH | Istanbul Radio | 0340 | Marker | Rocker-FL |
| 4253.5 | CW | Saudi Arabia | HZG | Dammam Radio | 2036 | "DE HZG" Marker | Conway-UK |
| 4256.0 | CW | USA | KLC | Galveston Radio, TX | 0331 | CQ Marker & ship t/c | Lindley-AL |
| 4260.0 | CW | Turkey | TBA2 | Ankara Naval | 1755 | Turkish Navy. V Marker | Hardester-JP |
| 4268.0 | CW | Canada | CKN | Vancouver, BC | 1258 | Canadian Forces. DE Marker. FAX freq. | Blair-CA |
| 4271.0 | RTTY | Canada | CFH | Halifax, NS | 0542 | 850/75R: Canadian Forces. Meteor | Blair-CA |
| 4272.5 | CW | Australia | VID | Darwin Radio, NT | 1058 | DE Marker | Blair-CA |
| 4274.0 | CW | USA | KFS | San Francisco Radio, CA | 1250 | DE Marker | Blair-CA |
| 4275.0 | CW | Turkey | TBA5 | Ankara Naval | 1644 | Turkish Naval. V Marker | Conway-UK |
| 4275.0 | CW | Unknown | 2RC8 | Unknown | 1238 | Clg BL9S | Hardester-JP |
| 4276.0 | CW | Japan | JNA | Tokyo Radio | 1130 | V Marker | Blair-CA |
| 4277.0 | CW | Colombia | HKB | Barranquilla Radio | 2229 | CQ Marker | Hunt-FL |
| 4277.0 | CW | New Zealand | ZLB2 | Awarua Radio | ..... | ..... | Conway-UK |
| 4280.8 | CW | China | XSV | Tianjin Radio | 1240 | CQ Marker | Hardester-JP |
| 4283.0 | CW | S. Africa | ZSJ2 | Capetown Naval | 2057 | RSA Navy. CQ Marker | Conway-UK |
| 4283.0 | CW | USSR | UCK | Riga Radio | 2058 | DE Marker | Conway-UK |
| 4285.0 | CW | Canada | VCS | Halifax, NS | 0335 | Canadian Forces. CQ Marker | Lindley-AL |
| 4285.0 | CW | USSR | UAH | Tallin Radio | 1915 | Tfc. Clg ULLA | Conway-UK |
| 4286.0 | CW | Australia | VIX2 | Canberra Naval, ACT | 1639 | RAN. V Marker | Conway-UK |
| 4289.0 | CW | Algeria | 7TA2 | Algiers Radio | 1954 | CQ Marker | Conway-UK |
| 4291.0 | CW | S. Africa | ZSC46 | Capetown Radio | 1850 | CQ Marker | Conway-UK |
| 4292.0 | CW | Italy | IAR | Rome Radio | 0001 | CQ Marker | Hunt-FL |
| 4294.0 | CW | Greece | SXA34 | Piraeus Naval | 1636 | Greek Navy. V Marker | Conway-UK |
| 4294.0 | CW | USA | WNU31 | Slidell Radio, LA | ..... | DE Marker | Blair-CA |
| 4295.5 | CW | France | HWN | Paris-Houilles Naval | 0241 | French Navy. Marker | Moon-RSA |
| 4297.5 | CW | N. Korea | HML | Nampho Radio | 1008 | DE Marker | Blair-CA |
| 4298.0 | CW | Japan | JMC2 | Tokyo | 1446 | DE Marker | Blair-CA |
| 4299.0 | CW | Kuwait | 9KK2 | Kuwait Radio | 2210 | CQ Marker | Conway-UK |
| 4302.0 | CW | Bahrain | A9M | Bahrain Radio | 2026 | DE Marker | Conway-UK |
| 4305.5 | CW | Japan | JNA | Tokyo Radio | 1937 | CQ Marker | Conway-UK |
| 4307.0 | CW | USSR | UON | Baku Radio | 2059 | Tfc. | Conway-UK |
| 4308.0 | CW | Scotland | MGJ | Glasgow Naval | 1800 | RN. V Marker | Conway-UK |
| 4313.0 | CW | Singapore | 9V633 | Singapore Radio | 2044 | CQ Marker | Conway-UK |
| 4317.0 | CW | S. Africa | ZSC33 | Capetown Radio | 1949 | Clg CQ | Conway-UK |
| 4319.0 | CW | China | XSG | Shanghai Radio | 1230 | CQ Marker | Hardester-JP |
| 4322.0 | CW | Singapore | 9V654 | Singapore Radio | 1255 | Wkg ELAQ7 | Blair-CA |
| 4323.0 | CW | Australia | VIP7 | Perth Radio, WA | 1045 | Marker | Rocker-MS |
| 4328.0 | CW | France | FFL2 | St. Lys Radio | 0018 | V Marker | Hunt-FL |
| 4328.0 | CW | Japan | JOS | Nagasaki Radio | 1130 | DE Marker | Blair-CA |
| 4331.0 | CW | Israel | 4XZ | Haifa Naval | 1952 | Israeli Navy. V Marker | Conway-UK |
| 4337.0 | CW | Poland | SPH | Gydnia Radio | 2307 | DE Marker | Conway-UK |
| 4340.0 | CW | China | XSQ | Guangzhou Radio | 1956 | CQ Marker | Conway-UK |
| 4349.0 | CW | Japan | JCS | Choshi Radio | 1203 | DE Marker | Blair-CA |
| 4349.0 | CW | USSR | UXN | Arkhangelsk Radio | 2029 | DE Marker | Conway-UK |
| 4351.0 | CW | USA | KFS | San Francisco Radio, CA | 1402 | DE Marker | Blair-CA |
| 4363.3 | USB | USA | WOM1 | Miami Radio, FL | 0235 | Wkg Imperial Cruise Line | Jones-TN |
| 4369.8 | USB | Singapore | 9V660 | Singapore | 1347 | Wx broadcast | Blair-CA |
| 4398.0 | USB | USA | WLO | Mobile Radio, AL | 0500 | Wx report | Maier-NY |
| 4428.7 | USB | Alaska | NOJ | Kodiak | 1006 | USCG | Stringer-NZ |
| 4428.7 | USB | Australia | VIM | Melbourne Radio, Vic. | 0734 | Wx and t/c | Stringer-NZ |
| 4428.7 | USB | Australia | VIA | Adelaide Radio, SA | 0907 | Wx and t/c | Stringer-NZ |
| 4428.7 | USB | Australia | VIH | Hobart Radio, Tasmania | 1029 | Wx broadcast | Stringer-NZ |
| 4428.7 | USB | USA | WOM1 | Miami, FL | 0400 | USCG. Wx report | Maier-NY |

| | | | | | | | |
|--------|------|------------|--------|---------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 4428.7 | USB | USA | NMN | Portsmouth, VA | 0419 | USCG. Maritime wx for East Coast | Lindley-AL |
| 4428.7 | USB | USA | NMF | Boston, MA | 0450 | USCG | Moon-RSA |
| 4517.0 | USB | .... | .... | USAF MARS FREQUENCY | .... | Stations reported include: AFF3MO | .... |
| 4529.0 | USB | USA | WOM | Pennsuco Radio, FL | 0131 | Wkg MARDI GRAS. High seas phone call t/c | Lindley-AL |
| 4562.5 | CW | Norway | JWT | Stavanger Naval | 2243 | Marker | George-MA |
| 4577.0 | USB | .... | .... | USAF MARS FREQUENCY | .... | Tennessee region net. Stations reported include: AFA2T, Lindley-AL | .... |
| 4593.5 | USB | .... | .... | USAF MARS FREQUENCY | .... | Stations reported include: AFF10 | .... |
| 4637.5 | USB | USA | KSB699 | Houston, TX | 1100 | Wkg numerous river tow boats [Listed in CFL-7 as KFC699] | Rocker-FL |
| 4654.0 | USB | Spain | .... | Madrid | 0413 | LDOC. Wkg IBERIA 9261 [This is LDOC freq for Berne, Switzerland... ed.] | George-MA |
| 4675.0 | USB | .... | .... | ICAO NAT-D AREA | .... | Stations reported include: Gander, Nfld., Canada; Reykjavik, Iceland | .... |
| 4742.0 | USB | England | MLP | Upavon | 0204 | ARCHITECT (RAF Strike Command). Wkg warship in Dover Straits en route to Norway | Karcheski-MA |
| 4746.0 | USB | USA | AFE8 | MacDill AFB, FL | 0757 | USAF. 'SKYKING' broadcast | Stringer-NZ |
| 4752.0 | USB | Canada | .... | several | 0421 | RCAF. Several fixed and mobile stations heard, including Gander & St. Johns. Aero wx and position reports from a/c | Lannuier-NJ |
| 4859.0 | CW | Unknown | .... | Unknown | 0400 | 'VVV DE BEACON 33333', then 'END OF TEST SK' at 0402 | Rocker-FL |
| 4883.0 | USB | Canada | XNZ583 | St. Johns, Nfld | 0449 | Net control | Maier-NY |
| 5000.0 | AM | S. Korea | HLA | Taedok | 1750 | Time signals. QRM from JJY, BPM and BSF | Hardester-JP |
| 5000.0 | AM | Venezuela | YVTO | Caracas | 2318 | Time Signals in Spanish | Thornton-NJ |
| 5015.0 | AM | Unknown | .... | Unknown | 0012 | Numbers by YL in German | Karcheski-MA |
| 5064.0 | CW | Malaysia | 9MB | Pinang Naval | 1650 | Malaysian Navy. V <arker | Hardester-JP |
| 5107.0 | RTTY | Iran | EPD | Tehran | 2300 | 425/50: AFTN 'TKA' circuit | Conway-UK |
| 5320.0 | CW | .... | .... | USCG COMMSTAS | .... | Stations reported include: NMF Boston, MA; NMG New Orleans, LA; NOY8 Corpus Christi, TX. | .... |
| 5460.0 | RTTY | Morocco | CNA7 | Tangier | 2215 | 425/75R: VOA Nx. QRA Marker | Conway-UK |
| 5499.0 | USB | Congo | .... | Brazzaville VOLMET | 2130 | Wx for central African cities in French and English | George-MA |
| 5505.0 | USB | Ireland | .... | Shannon VOLMET | 2027 | | Moon-RSA |
| 5535.0 | USB | England | .... | London | 0356 | LDOC. British Airways HQ wkg SPEEDBIRD 262 | George-MA |
| 5574.0 | USB | .... | .... | ICAO CEP-5 AREA | .... | Stations reported include: San Francisco, CA; Honolulu, HI | Stringer-NZ |
| 5598.0 | USB | .... | .... | ICAO NAT-A AREA | .... | Stations reported include: Santa Maria, Azores; Gander, Nfld., Canada. | .... |
| 5616.0 | USB | .... | .... | ICAO NAT-B AREA | .... | Stations reported include: Gander, Nfld., Canada; Wolfson-OH | .... |
| 5643.0 | USB | .... | .... | ICAO SP-6/7 AREAS | .... | Stations reported include: Sydney, NSW, Australia; Nandi, Fiji Is.; Honolulu, Hawaii. | .... |
| 5649.0 | USB | .... | .... | ICAO NAT-C AREA | 0402 | Stations reported include: Gander, Nfld., Canada | Lukas-NY |
| 5658.0 | USB | .... | .... | ICAO MID-2 AREA | .... | Stations reported include: Bombay, India; Karachi, Pakistan. | Gianni-IT |
| 5670.0 | USB | England | .... | Portishead | 2005 | Wkg aircraft | Moon-RSA |
| 5692.0 | USB | .... | .... | USCG COMMSTAS | .... | Air to Ground. Stations reported include: NOT Traverse City, MI | .... |
| 5696.0 | USB | .... | .... | USCG COMMSTAS | .... | Air to Ground. Stations reported include: NMC San Francisco, CA; NMF Boston, MA; NMG New Orleans, LA; NMN Portsmouth, VA; NOJ Kodiak, AK; NOR San Diego, CA; NOS Cape Cod, MA; NMA Miami, FL; NOY8 Corpus Christi, TX.... | .... |
| 5787.5 | CW | Unknown | .... | Unknown | 0422 | 'VVV DE BEACON 55555', then 'END TEST SK' at 0423 | Rocker-FL |
| 5818.5 | RTTY | Malta | 9HA | Luqa | 1924 | 425/50: AFTN 'MLA' circuit | Conway-UK |
| 5830.0 | RTTY | E. Germany | Y7K22 | Berlin | 2124 | 425/50: MFA. QRA Marker | Conway-UK |
| 5917.5 | CW | Spain | AGK | Rota Naval | 0104 | USN. Coded msgs | Hunt-FL |
| 5919.8 | CW | Unknown | K | Unknown | 1250 | Beacon | Stringer-NZ |
| 6208.5 | CW | Unknown | R5SA | Unknown | 0840 | C1g PV2S | Hardester-JP |
| 6221.6 | USB | Australia | VIT | Tasmania Radio | 0846 | Wx broadcast | Stringer-NZ |
| 6221.6 | USB | Australia | VID | Darwin Radio, NT | 1041 | Wx broadcast & t/c | Stringer-NZ |
| 6302.0 | CW | S. Korea | HLF | Seoul Radio | 1139 | CQ Marker | Hardester-JP |
| 6326.5 | CW | USA | WNU32 | Stidell Radio. LA | 0111 | CQ Marker | Lindley-AL |
| 6328.3 | CW | Belgium | OST32 | Ostend Radio | 1857 | Marker | Conway-UK |

| | | | | | | | |
|--------|------|--------------|-------|-------------------------|------|---------------------------------------------------------------------------------|--------------|
| 6337.0 | CW | Chile | CBV | Valparaiso Radio | 2239 | CQ Marker | Conway-UK |
| 6340.5 | CW | Singapore | 9VG9 | Singapore Radio | 2105 | CQ Marker | Conway-UK |
| 6344.0 | CW | S. Korea | HLF | Seoul Radio | 0329 | CQ Marker | Hardester-JP |
| 6348.0 | CW | France | HWN | Paris-Houilles Naval | 0346 | French Navy. V Marker | Hogan-IL |
| 6354.0 | CW | USSR | URD | Leningrad Radio | 2128 | Wkg U... ships | Conway-UK |
| 6355.0 | CW | Finland | OFJ | Helsinki Radio | 0425 | Marker | Hardester-NC |
| 6364.5 | CW | Saudi Arabia | HZG | Dammam Radio | 1925 | DE Marker | Conway-UK |
| 6371.2 | CW | Gibraltar | GYU | Gibraltar Naval | 0440 | RN. Marker | Hardester-NC |
| 6375.0 | CW | USSR | URB2 | Klaipeda Radio | 2200 | Marker | Conway-UK |
| 6379.0 | CW | Israel | 4XZ | Haifa Naval | 2338 | Israeli Navy. Marker | Karcheski-MA |
| 6383.0 | CW | Senegal | 6VA | Dakar Radio | 2023 | Slow CQ Marker | Conway-UK |
| 6383.0 | CW | USSR | URL | Sevastopol Radio | 1922 | CQ Marker | Conway-UK |
| 6386.5 | CW | S. Africa | ZS.J3 | Capetown Radio | 0105 | Marker | Karcheski-MA |
| 6389.0 | CW | Portugal | CTP | Oeiras Naval | 0337 | Portuguese Navy. CQ Marker | Hogan-IL |
| 6390.0 | CW | Italy | IDQ3 | Rome Naval | 0130 | Italian Navy. Coded msgs | Hunt-FL |
| 6393.3 | CW | Australia | VHI | Darwin Naval, NT | 1821 | RAN. V Marker. Also hrd on 12750/17084/22348.5 | Conway-UK |
| 6395.0 | CW | Turkey | TBA | Izmir Naval | 0055 | Turkish Navy. Marker | Rocker-FL |
| 6400.0 | CW | USSR | UMV | Murmansk Radio | 2117 | Fast t/c to ships | Conway-UK |
| 6415.0 | CW | Algeria | 7TF | Boufarik Radio | 2254 | CQ Marker | Conway-UK |
| 6430.0 | CW | Canada | CFH | Halifax, NS | 1627 | Canadian Forces. Marker | Maier-NY |
| 6442.5 | CW | Mexico | XFS3 | Tampico Radio | 0615 | T/c list | Berri-CA |
| 6456.0 | CW | USSR | RCV | Moscow Naval | 1833 | Soviet Navy. T/c. New frequency | Conway-UK |
| 6462.0 | CW | Society Is. | FUM | Papeete Naval | 1135 | French Navy. Marker | Karcheski-MA |
| 6463.0 | CW | Colombia | HKB | Barranquilla Radio | 0644 | CQ Marker. Not 6463.5 | Conway-UK |
| 6464.0 | CW | Australia | VIS3 | Sydney Radio, NSW | 2054 | V Marker & QTC list | Conway-UK |
| 6466.0 | CW | E. Germany | YSM | Ruegen | 0313 | CQ Marker | Hogan-IL |
| 6467.0 | CW | India | VTG | Bombay Naval | 2127 | Indian Navy. V Marker | Conway-UK |
| 6468.0 | CW | Greece | SXA24 | Piraeus Naval | 2102 | Greek Navy. V Marker | Conway-UK |
| 6470.5 | CW | Israel | 4XO | Haifa Radio | 1549 | CQ Marker | Lukas-NY |
| 6470.5 | CW | Jamaica | 6YI | Kingston Radio | 0048 | Marker | Rocker-FL |
| 6477.5 | CW | USA | KPH | San Francisco Radio, CA | 1131 | Marker | Karcheski-MA |
| 6477.5 | CW | USSR | UBN | Zhdanov Radio | 1800 | QTC list | Conway-UK |
| 6491.5 | CW | Canada | VCS | Halifax, NS | 2112 | Canadian Forces. V Marker | Conway-UK |
| 6493.0 | CW | Canada | VAI | Vancouver Radio, BC | 1127 | Marker | Karcheski-MA |
| 6493.5 | CW | USSR | URB2 | Klaipeda Radio | 1947 | Fast t/c | Conway-UK |
| 6495.5 | CW | USSR | UFL | Vladivostok Radio | 1200 | DE Marker | Hardester-JP |
| 6498.0 | RTTY | USA | KLB | Seattle Radio, WA | 0434 | SITOR-B: T/c list | Blair-CA |
| 6502.3 | RTTY | USA | WCC | Chatham Radio, MA | 2350 | SITOR-A: AP news | Karcheski-MA |
| 6506.4 | USB | .... | .... | USCG COM1STAS | .... | Stations reported include: N1N1 Portsmouth, VA; NMA Miami, FL; NMO Honolulu, HI | .... |
| 6528.0 | USB | Unknown | .... | Unknown | 0507 | Two OM tx about going to Florida & getting into fight on dock. Bad language! | Rocker-FL |
| 6535.0 | USB | .... | .... | ICAO SAT-1 AREA | .... | Stations reported include: Dakar, Senegal | .... |
| 6604.0 | USB | Canada | .... | Gander VOLMET, Nfld. | 0632 | Aviation wx | Berri-CA |
| 6617.0 | USB | USSR | .... | Moscow VOLMET | 0450 | Aviation wx in Russian | George-MA |
| 6628.0 | USB | .... | .... | ICAO NAT-E AREA | .... | Stations reported include: Santa Maria, Azores; New York, NY | George-MA |
| 6640.0 | USB | USA | .... | New York, NY | 0443 | ARINC. Wkg ASCOT 3831 | Bronowicz-MO |
| 6676.0 | USB | Australia | VLS | Sydney VOLMET, NSW | 1130 | Aviation wx. Also 11387 | George-MA |
| 6676.0 | USB | Thailand | .... | Bangkok VOLMET | 1211 | Aviation wx | Hardester-JP |
| 6685.0 | CW | USSR | RFNV | Moscow | 0513 | Coded wx | Rocker-FL |
| 6735.0 | CW | Unknown | X | Unknown | 2219 | Continuous 'X' in CW | Moon-RSA |
| 6738.0 | USB | Guam | AIE2 | Andersen AFB | 0823 | USAF. 'SKYKING' broadcast | Stringer-NZ |
| 6738.0 | USB | USA | AF12 | McClellan AFB, CA | 0814 | USAF. 'SKYKING' broadcast | Stringer-NZ |
| 6753.0 | USB | E. Germany | .... | Berlin | 0225 | INTERFLUG. Aero wx | Karcheski-MA |
| 6756.0 | USB | USA | AFA | Andrews AFB, MD | .... | USAF. AIR FORCE ONE operating frequency | Karcheski-MA |
| 6761.0 | USB | USA | .... | USAF SAC FREQUENCY | .... | 'Quebec' frequency. SKYBIRD t/c | .... |
| 6837.0 | RTTY | Nigeria | .... | Lagos | 0356 | SITOR-A: Shell Oil Co. | Moon-RSA |
| 6844.5 | RTTY | France | FDY | Orleans Air | 2051 | 450/45: FAF. CW ID heard | Lukas-NY |
| 6890.0 | USB | Australia | VNZ | Port Augusta, SA | 0840 | Phone patch t/c. ID as Royal Flying Doctors Service Control | Stringer-NZ |

| | | | | | | | |
|--------|------|------------|---------|----------------------------|------|-------------------------------------------------------------------------------------|--------------|
| 6929.0 | CW | Unknown | EZH65 | Unknown | 0520 | Clg UAK24. Off at 0522 | Rocker-FL |
| 6941.5 | RTTY | Gabon | TRK | Libreville | 1937 | 425/50: AFTN 'GFA' circuit | Conway-UK |
| 6950.0 | USB | Australia | VJD | Alice Springs, NT | 0809 | Phone patch lfc w/Outpost Control | Stringer-NZ |
| 7335.0 | AM | Canada | CHU | Ottawa, ON | 0355 | Time Signals in English and French | Bronowicz-MO |
| 7355.6 | RTTY | USA | AAA6USA | Fl. Sam Houston, TX | 0137 | SI TOR-A: US Army MARS. Telexes for troops in Germany and Saudi Arabia | Karcheski-MA |
| 7402.5 | RTTY | Japan | JM63 | Tokyo | 1355 | 850/50R: Meteo | Blair-CA |
| 7404.0 | USB | Unknown | .... | Unknown | 0144 | Numbers in German by YL | Hardester-NC |
| 7527.0 | USB | USA | .... | US CUSTOMS/DEA FREQ. | .... | Stations reported include: 'Almighty', Guantanamo Bay, Cuba; 'Slingshot', Miami, FL | .... |
| 7571.8 | ISB | England | AJE | Barford | 2333 | AFRTS Feeder on LSB | Kline-CA |
| 7590.0 | CW | Unknown | W | Unknown | 1254 | Beacon | Stringer-NZ |
| 7592.4 | CW | France | FDY | Orleans Air | 0330 | FAF. V Marker | Karcheski-MA |
| 7600.0 | AM | Ecuador | HD210A | Guayaquil | 0436 | Time Signals, announcements in Spanish | D'Angelo-PA |
| 7603.0 | RTTY | USA | KAA60 | Grand Isle, NE | 0322 | 425/50N: FCC. Wkg KIA84 & KIA85 | Blair-CA |
| 7627.0 | CW | Greece | KWS78 | Athens | 0328 | US Embassy. CQ Marker | Hunt-FL |
| 7635.0 | USB | USA | .... | CIVIL AIR PATROL NET FREQ. | 0209 | National check-in net | Karcheski-MA |
| 7651.0 | ISB | USA | .... | Greenville, NC | 0548 | VOA Feeder | Moon-RSA |
| 7652.0 | CW | Liberia | KKN44 | Monrovia | 2246 | US Embassy. CQ Marker | Karcheski-MA |
| 7658.0 | RTTY | Yugoslavia | YZD | Belgrade | 0059 | 425/50R: TANJUG nx in English. Report on Namibia independence | Karcheski-MA |
| 7700.0 | CW | Unknown | XL7S | Unknown | 1300 | DE Marker | Hardester-JP |
| 7860.0 | AM | Unknown | .... | Unknown | 0544 | 5F6 in Spanish by YL | Lukas-NY |
| 7925.0 | RTTY | Portugal | RPFN | Monsanto Naval | 2115 | 850/75: Portugese Navy. Marker | Conway-UK |
| 7953.0 | RTTY | Argentina | LRN85 | Buenos Aires | 0129 | 850/75: DyN news in Spanish | Karcheski-MA |
| 7964.5 | RTTY | Unknown | .... | Unknown | 1850 | ARQ/100: NATO-type msgs. Portugese? | Conway-UK |
| 7996.0 | RTTY | Yugoslavia | YZD9 | Belgrade | 0145 | 170/50R: TANJUG Nx in EE. Very poor copy | Lannuier-NJ |
| 7998.0 | RTTY | France | FDY | Orleans Air | 1439 | 850/50: FAF. Bricks test | Conway-UK |

The SPEEDX 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 SPEEDX HQ, PO Box 196, DuBois, PA 15801-0196.

MISCELLANEOUS TRAFFIC

I trust that everyone had an enjoyable holiday season. Now it's time to recover from the festivities and get back to work. But first...

My Five New Year Resolutions for 1991:

1. I will never again miss my column deadline.
2. I will never again make fun of IBM PC users and others not fortunate enough to own a Macintosh.
3. I will listen to SWBC stations other than BBC at least once each season (WWV does not qualify, even though it is more interesting than most SWBC DX).
4. I will repair all of my broken antennas this Spring.
5. I will not get falling-down drunk at the 1991 Winter SWL Fest.

Yeah, sure...

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

Senior Editor: **EDWARD JANUSZ**, with **AL QUAGLIERI** and **DAVID JONES**

Editors: **JASON BERRI**, **BOB COLYARD**, **RAY FORSGREN**, **CARL HUFFAKER**,
EDWARD JANUSZ, **PAUL LANNUIER**, **DON THORNTON**, **JOHN**

TRAUTSCHOLD, **PAUL WAKEFIELD**, **DONALD J. WEBER**, **WILLIAM**

WESTENHAVER, and **KENT WILLIS**

Membership Chairman: **JOHN TRAUTSCHOLD**

Awards Chairman: **HAROLD WOERING**

ANARC Representative: **RICHARD D'ANGELO**

"SPEEDX REPORT" Host: **GARY GEARS**

"SPEEDX REPORT" is aired on the third edition each month of "DX PARTYLINE" on
HCIB, 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.

SPEEDX (ISSN 0882-8091) is published monthly by **SPEEDX**, DuBois, PA, a non-profit
volunteer hobby organization founded in 1971. **SPEEDX** 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 **SPEEDX**. Permission is granted to reprint material from this
magazine, (except material which is copyrighted by other sources), provided credit is given
to **SPEEDX** and the original source.

SPEEDX

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

P.O. Box 196

FIRST CLASS MAIL
UNITED STATES POSTAGE
PAID
Bricktown, NJ 08723
Permit No. 101

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