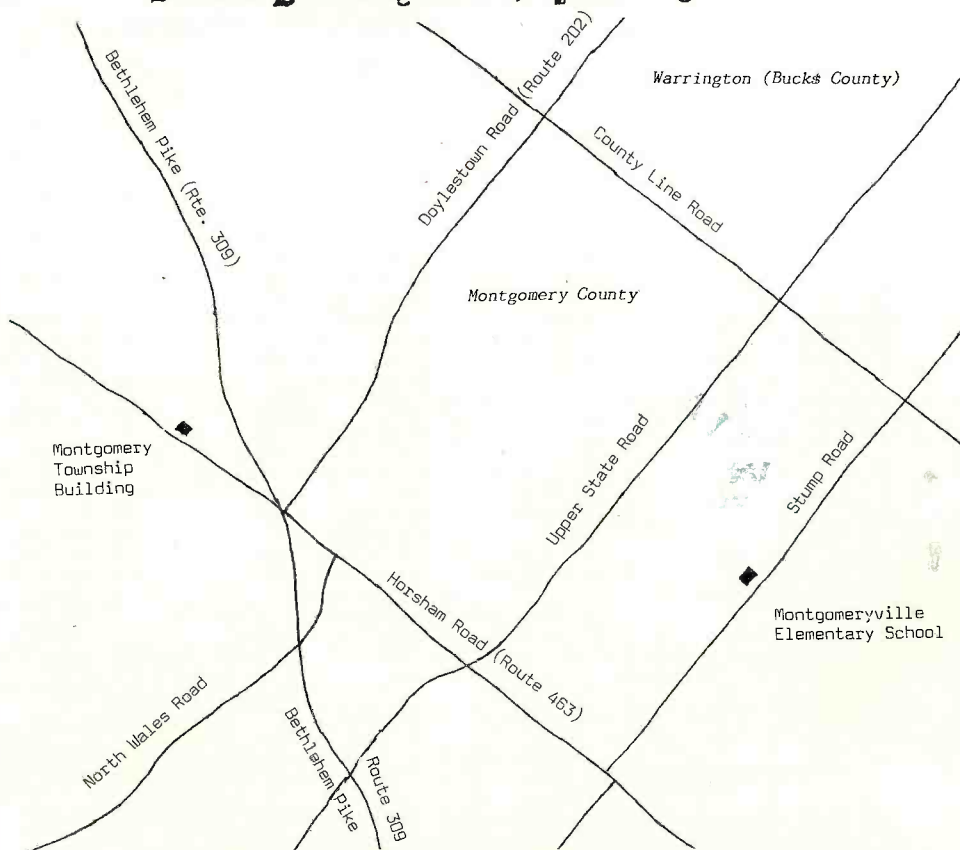


The Society to Preserve the Engrossing Enjoyment of DXing

SPEEDX

Montgomeryville, Pennsylvania



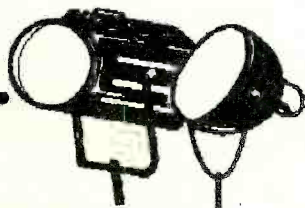
For an explanation of why this pleasant but obscure town is on the cover of **SPEEDX**, please see Page 10 of this month's issue

DECEMBER, 1990

2. **SPEEDX SPOTLIGHTS/DX MONTAGE**, John Trautschold
6. **REPORT FROM HQ**, Bob Thunberg
7. **CONTINUOUS TUNING**, Ed Janusz
10. **FOLLOW THE SPRINGBOOKS**, Dick Moon
12. **LATIN NOTEBOOK**, Carl Huffaker
13. **P. O. BOX 215**, Ed Cichorek
14. **WHAT'S ON**, Daniel Sampson

18. **WESTERN HEMISPHERE**, Don Thornton
22. **EUROPE**, Bob Colyard
26. **USSR**, Jason Berri
28. **AFRICA**, Paul Wakefield
32. **ASIA/OCEANIA**, William Westenhaver
37. **QSL REPORT**, Ray Forsgren
40. **UTILITY STATIONS**, Paul Lannuler

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 CONTRIBUTORS: 54 DECEMBER 1990

5	ABBINANTE, PHIL	IL	1	HUNT, WILLIAM	FL R5000
1	ASHABRANER, JIM	TX	27	JANSEN, A.L.B.	
10	ASHIMORI, TSUNAAKI	JP	1	JANUSZ, EDWARD	NJ IC-R71A
3	BAGOZZI, STEVE	CA FRG8800	7	JOHNSON, TIM	IL R5000
2	BERRI, JASON	CA R5000	5	KARCHESKI, WALTER	MA R5000
5	BISHOP, FORREST	NY RF4800	5	LANGLOIS, HAROLD	FL
15	BLUMENSTEIN, WALLY	WA	2	LEADER, PATRICK	IR D2615
6	BREWER, DON	KS	9	LEMKE, RICHARD	AB IC-R71A
4	BROWN III, EDWARD	IL ICF6800W	5	LEVISON, HAROLD	PA IC-R70
5	CARSON, JOHN	OK SPR4	10	MAIER, WALTER	
7	CICHOREK, EDWARD	NJ FRG8800	7	MATSUSHITA, YUKIMASA	JP RF2200
4	COLYARD, BOB	NJ R2000	3	NEFF, GEORGE	FL RF2600
5	D'ANGELO, RICHARD	PA IC-R70	5	OWSLEY, BENTON	CA R388
2	EVANS, JAMES	TN IC-R71A	1	PARK, DALE	HI R5000
2	FAMULARO, RALPH	JP ICF6000A	20	PIECH, TIMOTHY	
6	FINDLATER, JOHN	CA	1	REEVES, ROBBIE	OR ICF2010
5	FISCHER, GREG	WI	6	ROCKER, RAYMOND	FL
7	FLYNN, BILL	CA R7A	1	SANDERSON, JACK	AZ R1000
5	FRASER, BOB	MA ICF2003	1	SCHULSINGER, MICHAEL	OH R5000
5	GAHARAN, CHARLES	LA FRG8800	3	SCOTT, VAL	CA IC-R71A
1	GEORGE, STEVE	MA R5000	2	SEYMOUR, WOODY	NC SFR4
2	GIBSON, JOSEPH	AR	3	THORNTON, DON	NJ NRDS25
51	HARDESTER, MIKE	NC IC-R70	2	VALENTINE, F.A.	CA IC-R70A
1	HART, GERALD	MN ICF2010	2	WAKEFIELD, PAUL	IA ICF2010
10	HOEFELICH, MICHAEL		3	WEBER, DONALD	OH R2000
2	HUFFAKER, CARL	MX HOMEBREW	2	WESTENHAVER, WILLIAM	PO ICF6500W
3	HUMENYK, MARK	ON D2935	2	WILLERS, STEVEN	SW NRDS25

THE FOLLOWING COLUMNS DIRECT CONTRIBUTIONS WERE NOT RECEIVED IN TIME:
EUROPE / A/O / UTILITIES

THE FOLLOWING COLUMNS ARE INCLUDED FROM LAST MONTHS BULLETIN:
WESTERN HEMISPHERE / QSLs

NEW FULL MEMBERS

Um, well, there probably *are* some new full members this month, but seeing as how I screwed up and forgot to do the computer update (actually, just didn't have time to do it) we'll have to pass until next month for that new full member update. Sorry about that! I am allowed at *least* one mistake per year, right?

NEW CONTRIBUTORS FOR DECEMBER

This I've got! And here it is...

JIM ASHABRANER.....TX
BENTON OWSLEY.....CA

Congratulations to the both of you! And thanks!

"FRIENDS OF SPEEDX" CONTRIBUTORS

We'd like to thank the following members for contributing towards the "Friends of SPEEDX" campaign. We appreciate your donations. If you'd like to contribute, just write club HQ's for details. And now...

TSUNAAKI ASHIMORI.....JAPAN
WALLY BLUMENSTEIN.....WA
MIKE HARDESTER.....NC
MICHAEL HOEFELICH
A.L.B. JANSEN
RICHARD LEMKE.....AB
WALTER MAIER
TIMOTHY DIECH



DX MONTAGE

LETTERS AND QUIDS FROM 'ROUND THE WORLD!

IT'S THE WINTER CATALOG REVIEW

I've received a lot of neat-o catalogs in the mail the past month or so, and thought that, with Christmas coming and all, I'd share with you these catalogs and some of the items contained within them. Here goes...

GILFER

Gilfer's catalog just keeps getting better and better each year. If I only had some money to spend! This year's catalog is 32-pages chock full of all sorts of receiving equipment for any type of radio listener. They've also got their usual complement of reading material (for those evenings when reception is *el stinko*) as well as the various accessories and mods you might be interested in.

They've, of course, got the WRTH '91 edition available, the 7th edition of *Ferrell's Confidential Frequency List* and other books such as *The Radio Receiver Series*, *World Broadcast Station Address Book*, *The World is Yours* and the *FM Atlas and Station Directory* which is still being produced by my old college professor Dr. Bruce Elving (who, incidentally, first introduced me to SPEEDX back in 1971, I think it was.) Those are just a few of the many excellent books available from Gilfer.

But the really *fun* stuff to look at is of course the equipment! And there's no dearth of it in this year's catalog. The receiver listings start on page 11 with one of the top receivers currently on the market, the Kenwood R-5000. <drool...drool> It get's even better (and more pricey) on page 12 with the NRD-525. Gilfer devotes an entire page to showing, not only the full specifications for this fine receiver, but a picture of it's innards as well! Very nice! Other receivers catalogued include the FRG-8800, ICF2010 and some of the smaller portables such as the ICF-SW7600, ICF-SW15, RF-B65, RF-B40 and SW-20. And finally, if you're *really* loaded (with greenbacks, that is), check out the bottom of page 19. Oooh-boy! There it

is, the ICOM IC-R9000 with coverage from 100 kHz to 2 GHz! WOW! It includes a spectrum analyser scope and can be used to watch TV! Just feed the NTSC output into a TV monitor, and voila! OH BOY, OH BOY, OH BOY! If I only had \$4795 to spend!

Active and passive antennas can be found starting on page 21 of the catalog followed by various accessories on page 24. Handheld scanners begin on page 26. Basically, everything you need for your listening pleasure can be found in this catalog. If you haven't yet received this fine catalog, write today to:

Gilfer
52 Park Avenue
Park Ridge, NJ 07656

Make sure to tell 'em SPEEDX sent you!

CRB RESEARCH

Another fine catalog recently received here at *DXM Headquarters* is CRB Research Books, Inc.'s catalog. There's approximately 28 pages just full of books related to our hobby. Heck, it's even got Eddie Janusz's favorite book on which he recently did a review here in *DXM!* Yup, "*Sex & Broadcasting*" is here, in this catalog! Tom Kneitel's all time classic, *The Top Secret Registry of U.S. Government Radio Frequencies* is included, as well as other books which cover the areas of scanners, monitors, shortwave, broadcast, etc. The '91 WRTH is also available from CRB Research as is *White's Radio Log, Vol 1 #1*. Yup, that's right! White's is back! It was first published in 1924, and this latest edition is now available from CRB. Check it out!

Other new books that "just arrived", although not necessarily related to our hobby include: *Spite, Malice & Revenge: Giant Guide to Getting Even* (look out Eddie!), *The License Plate Code Book*, *Improvised Radio Detonation Techniques* (hmmmm...) and *GET EVEN: The Complete Book of Dirty Tricks*. If you're into heavy duty computing,



you might like to check out *The Hackers Handbook*. There are many more books too numerous to mention, so, if you're interested, why not just pick up your own copy of the catalog.

Write to:

CRB Research Books, Inc.
P.O. Box 56
Commack, NY 11725

RADIO LOG-MASTER RESOURCE AND COMPUTER TOOL-KIT

Well, this isn't really a catalog, but what the heck! We'll review this here anyway. Received a package in the mail the other day from Frank A. Vacanti, founder and owner of *Frank-Art Radio*. Frank's written a pretty neat little book. The title kind of says it all, but let me go into a bit more detail of what you'll find in this publication.

If you own a computer that will run BASIC programs, then you may want to pick up the book just for the listings that Frank provides. He's got programs here that'll do database's, loggings and statistics for your use in your radio listening hobby. Frank says they are all fully debugged and should run on any computer that permits you to program in BASIC. Tips are included with the listings to help you modify the program to suit your particular needs. All programs output normally to your CRT screen, but will also permit reports to be sent to your printer.

He's got additional articles on how to use your computer's word processor for logging, and information on how to set up your word processor files for sorting.

Other articles include customized logging maps, tape-recorded loggings, log sheets and log books, templates for charting frequency usage, directional antenna patterns, etc.

The book contains 26 pages of type written material plus another 5 pages of logging chart samples. He's selling the book for \$12.50 (or through the holidays at 2 for \$22 or 3 for \$30) plus \$2.50 to cover the cost of handling and first-class postage (for any U.S. order, \$4.50 Canadian, \$9 foreign.) The address for orders is:

FRANK-ART Radio Products
Box 12282, Dept. C10
Boulder, CO 80303-2697

FRANK-ART also accepts Master Card or Visa.

THE RADIO SHACK FLASHLIGHT FOLLOW-UP

Remember last month's article by Ed Cichorek on the annual free Radio Shack Flashlight ritual? Well? Did you go to Radio Shack to get yours? Hmmm???? I DID! And this year's flashlight was a great offer! Took four D-cells (I think) and

man, is it bright! And nicely focused! Very very nice. This one will last me quite a while. If you didn't get your's, for shame! You missed out on a good one this time!

Ed? I sure hope you got your's!!!

HI, DAVE THORNE!

Got a note and an ad from *long time ago* business manager and publisher Dave Thorne! I first started working under Dave back when I was doing the old SPEEDX-GRAM! Nice to hear from you again Dave...you should have received a letter by now! He sent a nice picture too! Ah...the memories!

HCJB QSLs

If you're a QSL collector and just can't stand not to have a particular QSL card issue, then HCJB has a deal for you. Although I don't have room here to list all of the back HCJB QSL cards that are available, there are quite a few dating all the way back to the 1976 *Bread Dolls* collection. If you are a member of ANDEX you've already received the list of available cards. If you aren't, why not send HCJB a letter asking for the list. Please do include the proper return postage however!

HCJB has always had some of the prettiest QSLs around. They are limiting you to 2 QSLs per reception report and you must state which cards you are interested in. This is a good opportunity though to complete your collection. While doing so, please do send in some useful reports for the HCJB engineering and programming staffs. They'll certainly appreciate it!

RADIO THAILAND AND ELEPHANT KEEPER!

From the *Flint Journal*, 9/20/90
Submitted by Larry Russell, MI

"A two-hour ride on the back of an elephant has changed the life of a Swiss tourist. That night she married the elephant keeper, official radio reported.

"Radio Thailand said Anouk Tschabold, 22, was smitten with the elephant keeper, or *mahout*, during a recent jungle ride in the northern province of Chiang Rai.

"Tschabold was initially impressed by the politeness of Surand Ner-pac, also 22. Love blossomed as the ride progressed against a backdrop of mountains, the radio said.

"That night they were married in a traditional Karen ceremony. Her husband is a member of this ethnic minority famed for its ability to catch, train and ride elephants."

BBC PICKS UP LISTENERS AS EAST BLOC RELAXES

From *Insight*, 8/20/90

Submitted by Harold Langlois, FL

"In 1980, the (BBC) had an estimated audience of 75 million people; today the number exceeds 120 million. The increase is due in part to the political changes in Eastern Europe, meaning more people can tune in without running afoul of the secret police. Recent negotiations have resulted in the increase of service to Poland, East Germany and the Soviet Union. The state radio services of Czechoslovakia and Hungary are working out the final details in order to pick up the BBC World Service. Only a year ago Vaclav Havel, now president of Czechoslovakia, was sentenced to nine months in prison for granting a BBC interview."

MEMBERS IN THE NEWS...

Reeves wins medallion

From *The Oregonian*, 5/24/90

"Robert Reeves, a Reynolds High School ninth-grader, won a medallion in first-year algebra competition in the 1990 State Math Contest Championship held recently at Portland State University.

"The contest featured 234 top high school math students from 71 towns and 86 high schools. The contest was sponsored by the Oregon Council of Teachers of Mathematics and PSU's department of mathematical sciences."

Congratulations Robbie!

Val Scott makes CompuServe Magazine

From *CompuServe Magazine*, October 1990

In an article entitled *Calling America* (or

Sweden, or Russia) none other than our own Val Scott is featured! Uh-oh Val...now we know what you look like! :-) Anyway, Val, of Oakland, CA, has been a member of SPEEDX for quite a few years now and is also one of our more active monthly contributors.

According to the article, Val is working towards becoming a ham operator, and spends quite a bit of time on CompuServe's *HamNet* conference. "I'm in HamNet because I am a shortwave radio enthusiast, and HamNet is full of people who have lots of information and ideas about shortwave." Val noted in the article that she'd been an active DXer since she was a child, first logging FM stations.

If you are already a member of CompuServe, you too can access the HamNet by typing GO HAMNET at any of the CIS main prompts. Give it a shot...besides our Val Scott, you never know who else you might run into there!

THE A*C*E PIRATE QSL AWARDS PROGRAM

The Association of Clandestine radio Enthusiasts is pleased to introduce the Pirate QSL Awards Program, open to all. We have obtained suitable-for-framing black on goldenrod certificates that you will be proud to display in your shack, and are issuing them to qualified DXers. There are three categories of awards: (1) number of different stations verified on frequencies below 2 MHz and FM in increments of 10; (2) number of different stations verified on frequencies between 2 and 30 MHz in steps of 20; and (3) number of different countries verified with a minimum of three. To qualify for one of these 8.5 x 11" beauties, send copies of your Free Radio QSLs with US \$1 and a first class stamp to: A*C*E Awards, RD#1 Box 15A, Belfast, NY 14711. If you would like your certificates sent unfolded, kindly enclose some additional postage.

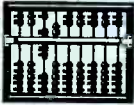
ITEMS FOR SALE.....(no collect calls please!)

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.

Sony ICF-2010 in excellent condition for \$290 (or best offer.) Only a few months old; complete with all accessories. Call James Olson, 5820 California #1, San Francisco, CA 94121 at 415-221-1976.

Realistic DX-440 receiver in excellent condition with original carton and manual. \$150 + shipping. Jeff Greenwald, 114 Crane Hall, Laramie, WY 82070. Phone 307-766-7639.

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. Thorne, 3616 Lazy Ranch Road, Macdoel, CA 96058. State description, condition, price, etc.



REPORT FROM H. Q.

Bob Thunberg, Business Manager/Treasurer
P. O. Box 196
DuBois, PA 15801-0196

Yea, it's me again, your friendly club Business Manager/Treasurer/Secretary. A lot of titles, but they do basically describe my varied jobs for SPEEDX. This month I have been assigned the honor of announcing some good news, as well as the dubious honor of relaying some bad news to our esteemed members.

First, the GOOD news: In the September 1990 bulletin I had some gloomy info about the SPEEDX financial situation and sent out a plea for donations to our FRIENDS OF SPEEDX program. Well, I'm happy to report that this plea was answered well beyond our expectations. To date, almost \$800.00 has been donated and the club is experiencing its best financial status in over two years. A big THANKS is due to the following people who have been so generous in their contributions to the FRIENDS OF SPEEDX:

TSUNAOKI ASHIMORI
TIMOTHY PIECH
NORMAN WITTSCHEN III
WALLY BLUMENSTEIN
MIKE HARDESTER
DON JOHNSON

A.L.B. JANSEN
RICHARD LEMKE
ANTHONY DEAN JACKSON
WALTER MAIER
MICHAEL HOEFELICH
4 Anonymous Donors

Now for the BAD news; In the September bulletin, I advised that SPEEDX would be forced to raise its membership dues, mainly because the U.S. Postal Service was increasing its rates sometime in early 1991. After some soul searching, I, along with the club Board of Directors, has come up with the following new membership dues structure:

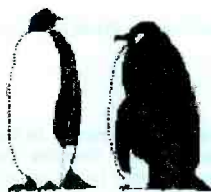
USA (First Class Mail)	\$23.00
MEXICO (AO Air Mail).....	\$23.00
CANADA (AO Air Mail)	\$25.00
CENTRAL AMERICA/CARIBBEAN (AO Air Mail)	\$29.00
SOUTH AMERICA/EUROPE (AO Air Mail)	\$33.00
AFRICA/USSR/ASIA/OCEANIA (AO Air Mail)	\$37.00
Outside North America (Surface Mail)	\$23.00

As you can see, these increases reflect a \$3.00 per year hike over the previous rates for everyone except our Canadian members. We have to reluctantly increase their dues by \$5.00 as it costs the club 30¢ more each month to mail the bulletin to Canada and we are losing money under the present \$20.00/year fee.

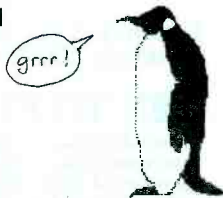
We hope that these dues increases will not scare away too many of our members. The SPEEDX staff is working hard to improve the monthly bulletin, and we feel that this small rate increase will be more than justified. Please let us know how you feel about these changes (dues, bulletin improvement, etc.). Of course you still have time to renew your membership at the old price; we've decided to wait until February 1991 to initiate the new fees, so you have until January 31, 1991 to re-up at the current fee. And, of course, you can send donations to the FRIENDS OF SPEEDX at any time.

On behalf of the SPEEDX staff, I wish all of our members the best during this Holiday Season!

Bob Thunberg



A Chilly and Rather Bad-Tempered CONTINUOUS TUNING



Edward Janusz
Box 149
Bricktown, NJ 08723-0149

I HATE winter...but, through the magic of the world's greatest medium, let's visit sunny Chile for a moment, where Gabriel Iván Barrera recently visited a new station and reports on it for us:

Radio Triunfal Evangélica

On 30 September, I visited Radio Triunfal Evangélica, 5825.1 kHz, and spoke with the station director, Sr. Fernando González Segura, who is also Bishop of the Misión Pentecostal Fundamentalista and founder of the station. Radio Triunfal Evangélica began broadcasting on 5 January, 1990 (and was first heard by myself in Buenos Aires on 11 January), daily except Thursday and Sunday from 19:00-23:00v local time in Chile (that's 22:00-02:00v UTC). Transmitter power is 50 watts, but future plans are to increase this to 500 watts. The antenna is an inverted V, 12 meters high. This modest transmitter was handcrafted by Bishop González Segura and consists of two valves made in the USA, numbers 807 and 6146. The object of Radio Triunfal Evangélica is to divulge the Gospel. Program blocs consist of orchestral music, Bible readings, and prayers and praises to God. The station is officially broadcasting with permission of the authorities of the Cerro Navia commune, and is now negotiating its official legislation with the Chilean Telecommunications Under-Secretariat. Reception reports should be sent to Bishop González Segura at: Radio Triunfal Evangélica, Misión Pentecostal Fundamentalista, Constanera Sur 7209, Comuno Cerro Navia, Santiago, CHILE.

You must include with your report, along with correct programme notes or a tape, \$1.00 or two IRC's, plus a postcard of your hometown.

This was from ONDA CORTA, 11/90. ONDA CORTA is a monthly publication, usually four pages, mostly in Spanish but with the Latin DX section in English or bilingual format. Don and I both receive it, but if you want to save a couple of weeks on timely DX news from the Southern Cone and points beyond, you can subscribe directly to GIB, Casilla 2868, 1000 Buenos Aires, Argentina. Rates are US\$4 for six issues.

R. A. E., Argentina

[English] 18:00-19:00, 15345; 01:00-02:00, 11710. [Japanese] 09:00-10:00, 11710. [Portuguese] 10:00-11:00, 15345; 00:00-01:00, 9690. [Spanish] 11:00-13:00, 15345; 22:05-23:00, 9690; 23:05-01:00, 11710. [Arabic] 17:00-18:00, 15345. [Italian] 19:00-20:00, 15345. [French] 02:00-03:00, 11710; 20:00-21:00, 15345. [German] 21:00-22:00, 15345. This is for Monday thru Friday only. Weekends, the RAE transmitters relay LRA-1, Radio Nacional de Buenos Aires.

That Feeder...

Tim Johnson (a new contributor!), in Illinois, explains that the Radio Continental USB feeder that has been heard via General Pacheco Radio "is being fed to Archangel San Gabriel in the Argentine Antarctic. Earlier this year (April and May), I heard Gen. Pacheco feeding Radio Rivadavia to Antarctica on 13255 kHz USB. It puzzled me for a while, too. I've been informed by Gerry Dexter that Gen. Pacheco will QSL these transmissions; at least they have in the past." Thanks, Tim. As for your comment about this being a quasi-shortwave broadcaster: Sure, why not? When reporting to SPEEDX, the rule is that a "feeder" is a "utility," but, with most tropical-band AM-mode broadcasts having a limited target market, and listener-oriented international stations (most recently HCJB) using some SSB transmissions, the borders can get hazy in a hurry....

I'm trying to stay in the Southern Hemisphere, but news beckons. Another new contributor, Don Brewer, from Kansas, writes:

TBN TO BUY KUSW

Trinity Broadcast Network (TBN) of Santa Ana, CA, has entered into an agreement to buy shortwave station KUSW, Salt Lake City, Utah, according to Paul Crouch, founder and president of TBN. TBN is perhaps the largest Christian television broadcaster in the world, with 235 owned or affiliated TV stations now on the air worldwide, and an additional 60 stations under construction or awaiting operating approval.

TBN features many well-known ministers and Crouch's own daily two-hour program called "Praise the Lord," which originates from TBN's Orange County, CA, station and is rebroadcast several times in a 24-hour period. Crouch indicated the audio of "Praise the Lord" would be broadcast on shortwave over KUSW.

Application for transfer of ownership must be made to the FCC, with no indication when approval is expected. Purchase price was not revealed.

Thanks, Don. It can't be said that things look good for commercial broadcasting in the United States. WRNO's transmitter problems are getting chronic, as any Glenn Hauser fan has noticed; and it, too, is up for sale. (It seems that gh has migrated to WWCR; see this month's "Western Hemisphere" column for details.)

Gary Gears tells me that TBN raised \$2 million in a matter of hours by holding a microphone up to a shortwave radio and piping KUSW's sounds over their own program ("look what your money can help us get rid of...!"); KUSW's program director, John Florence, helped out by playing such classics, uh, as "Sympathy for the Devil." Do you realize how much aggravation would be saved if everyone listened to SONNY ROLLINS?!

RADIO PYONGYANG: Current English schedule

To the Americas: 11:00--6576, 9977, 11335 13:00--13650, 15230

23:00--11700, 13650 00:00--11335, 13760, 15115

To Europe: 13:00--9325, 9345 15:00 and 17:00--9325, 11760 20:00--6576, 9345

To Africa: 15:00, 17:00, 20:00--9640, 9977

To Southeast Asia/India: 04:00--15180, 15230, 17765 06:00--15180, 15230

07:00--15340, 17765 08:00--15180, 15230 13:00--9640, 13650, 15230

Monitored by Bill Westenhaber on 20 November and thereabouts. I know some of these frequencies look pretty strange, but they're not typos. Also, please note the similarities between 13:00 to the Americas and to Southeast Asia.

KOL ISRAEL: English through 17 March

When it turns into Kol Eire?? Moving right along...

00:00-00:30, 01:00-01:25, 02:00-02:25 7465, 9435, 11605 (N America, W Europe)

05:00-05:15 7410 (West USA, E Europe), 7465, 9435, 11605 (N America, W Europe), 17575 (SE Asia/Aus/NZ)

11:00-11:30 11585, 17575, 21790 (N America, W Europe), 15650 (SE Asia), 17590 (E Europe)

18:00-18:15 11585 (W Europe), 11655 (E Europe)

20:00-20:30 7465, 9435, 11605 (N America, W Europe), 17630 (Africa)

22:30-23:00 7465, 9435, 11605 (N America, W Europe), 11655 (West USA), 17575 (Africa, S America)

HEBREW BY RADIO: 23:00-23:25 Sun-Wed-Fri 7465, 9435, 11605 (N America, W Europe), 17575 (S and C America)

At Random...

Kind of a short column this month, as there are a lot of features to make room for, so I'll try to keep reasonably quiet; I already had to trash an exegesis on the future of commercial shortwave in the United States. But, I wanted to remind all of you to **vote in the SPEEDX Members' Survey!** Be honest, be brutal if you have to...it's the only way we'll ever know how to make this a better club and a better

publication.

Here's something which should have gone to John Trautschold, but I didn't forward it in time... **"WANTED** A Collins type 651-S-1 or 651-S-B with some mechanical filters and an operating/service manual, which should be in UFB condition, or a name of a company which sells such a receiver." If you can help, write to Roland Schulze, P. O. Box 800902, W-7000 Stuttgart 80, GERMANY.

More About PASSPORT... I was pleasantly surprised to hear from editor-in-chief Larry Magne a couple of weeks back. For those of you who were disappointed in the absence of the Radio Moscow transmitter sites from this year's edition, the explanation is this: The RDI team spent the summer working up a new and more powerful database, and, given their limited resources, they simply couldn't accomplish everything they wished to. One of the things that "gave" was the RM site listings. DXers may not be happy with this; however, the big news is that sales of the book have been increasing by 40% a year; and, in anticipation of further growth, RDI, in Larry's opinion (and in mine; it's just good business practice) had to take some time out to invest in "power publishing" tools. The first edition this year was 55,000 copies; while this isn't a figure that will make Danielle Steel worry about her future, it does mean that PASSPORT is achieving one of its primary goals: To introduce more people to shortwave radio. This is good for all of us.

Best wishes to long-time SPEEDXer Mike Hardester, who has been called back up to duty as part of Operation Desert Shield. Hope you get a lot of time to DX, Mike...I mean it!

And our condolences to the family and many friends of Joe Woodlock, long-time ADXR editor and one of the foremost experts on low-frequency non-directional beacons. He will be missed.

Radio Moscow: Wanna Buy a Programme Sked?

Hot off the Official Gary Gears Fax Machine is a new copy of the programme schedule for the North American Service of Radio Moscow. You may get a copy of your very own one of these days--if you live in North America and have written to Radio Moscow at any time in the last 450 years--but this one is special, as it's annotated by everybody's favorite Russian psycho DJ, Vasily Strelnikov. The notes are more copious--and considerably stranger--than the Kim Andrew Elliott "tentative" which adorned the VOA schedule I was offering last month (and which is still available for 50c in mint stamps). If you want a Moscow programme sked, send me a quarter.

More Moscow... The Voice Of Gears is now being heard on Radio M, a new independent mediumwave station (it's on 1206 kHz, running 10 kW, if you're feeling ambitious) whose transmitter is within rappin' distance of Lenin's Tomb.

Radio Finland: Some Programmes

Times: 11:50-12:15 Mon-Fri only (Monday broadcast slightly shorter because of a transmission in Latin at the end), 13:00-13:25 Mon-Fri, 14:00-14:25 daily (actually slightly longer on weekends), 00:00-00:25 daily (slightly shorter on Mondays, again because of that Latin).

Programmes: MONDAY--Business Review, Press Review (11:50, 13:00), Highlights (others). TUESDAY--Northern Report, Press Review, Airmail (mailbag), Finnish-Americans (00:00 only). WEDNESDAY--Northern Report, Press Review, Sports, Finnish-Americans (not at 00:00). THURSDAY--Northern Report, Press Review, Learning Finnish, Faiths in Finland (00:00 only). FRIDAY--Northern Report, Press Review, Names in the News, Science Report (00:00 only), Faiths in Finland (not at 00:00).

SATURDAY--(00:00) Northern Report, Press Review, Finnish History. (14:00) Northern Report, Finnish History, Science Report, Names in the News, Faiths in Finland, Learning Finnish. SUNDAY--Compass North, Perspectives, Airmail (14:00 only), Finnish Americans (14:00 only).

Check your mailing label. I did them myself this month; if there are any mistakes, let me know. Thanks!

RCI Going Off?

We've heard it before, but, given Canada's large national debt and its \$90 million commitment to Desert Shield, CBC is going to have to tighten its belt yet again. RCI Director Andrew Simon, on a 25 November news broadcast, would "neither confirm nor deny" reports that RCI would close down due to a lack of funds. We'll have more on this next month.

It's WRTH Time Again...

...and you can get your 1991 edition from Gilfer Shortwave, 52 Park Avenue, Park Ridge, NJ 07656, for \$16.95 plus \$2.00 UPS shipping/handling--a \$3.00 saving from the cover price. Send your check or money order in today, and they'll send it out when it arrives (usually around New Year's Day).

About Our Cover...

Nonpareil promoter Bob Brown is at it again with monthly get-togethers in Montgomery County and surrounding regions. Although these meetings are held under the NASWA aegis, nobody tried to slug me when I showed up, and, in fact, most of the verbal abuse seemed to be directed at D'Angelo. Such fun! The next one's at the Montgomeryville Elementary School on Stump Road (!), Friday, 14 December, at 7:30. Don't be alarmed if Stump Road seems to go on and on into the Twilight Zone; you'll get to the school eventually. See you there...?

Peace on Earth, Eddie

FOLLOW THE SPRINGBOKS:

A GUIDE TO MONITORING SOUTH AFRICAN AIRWAYS

by **DICK MOON** for THE SOUTH AFRICAN SHORTWAVE LISTENER

No, I haven't gone crazy and sent this article to the wrong magazine, and it's not about rugby. It's about the South African Airways aircraft, whose aeronautical code name is "Springbok," and is intended as an introduction to the fascinating pastime of tracking them from the comfort of your chair as they wing their way to South America, Europe, and the Far East.

All commercial aircraft fly along preset routes which are marked by way-points, designated either by name or geographic co-ordinates, and are required to report progress to air traffic control stations which "guard" each sector of the route. The messages, which are transmitted on predetermined frequencies, are sent in an abbreviated form and usually give the position of the aircraft, the estimated time at the next way-point, the flight level, temperature, and wind conditions. A typical report might be as follows:

"Luanda, Springbok 235, position zero seven south zero three east zero three four one, flight level three six zero, estimating one four south zero seven east zero four four five. Minus four two wind two niner one diagonal six zero."

The interpretation of this message is:

"Springbok Flight 235 is at a position of 7 degrees south and 3 degrees east at a time of 03:41, and is flying at a height of 36,000 feet. The estimated time of arrival at position 14 degrees south, 7 degrees east is 04:45. The outside temperature is minus 42 degrees Celsius and the wind is blowing at a speed of 60 knots from a direction of 291 degrees."

Luanda will acknowledge this message and repeat it back to the aircraft.

The position was given in degrees because the aircraft was over the sea. Had it been over land, the name of the next way-point would have been used.

Each ground station has prescribed geographical boundaries, and it is thus possible to follow an aircraft through several FIR's (Flight Information Regions). On the SAA European route, some of the stations heard may be: Luanda, Lusaka, Kinshasa, Abidjan, Dakar, and Sal. On the Far East routes, Mauritius, Colombo, Madras, Bangkok, Yangon, Singapore, and Hong Kong may be heard. In addition to routine position messages, aircraft sometimes ask for permission to change their course or flight level because of turbulence or strong headwinds. Any change of height or course has to be approved by the ground control station, and the new flight conditions, if approved, are then passed on to the next region. Other information such as SELCAL codes, Mach numbers, amount of fuel remaining, number of passengers on board, estimated times of arrival, etc., is also occasionally given.

SELCAL is a 4-letter code unique to every aircraft; it may be activated by a ground station to alert the radio operator that a message is about to be transmitted. This obviates the necessity for the operator to listen in continuously. The SELCAL transmits as a two-tone "ding-dong." Every aircraft also carries a type of receiver called a transponder which receives ground-transmitted radar signals, similar to the well-known systems used in submarines. The transponder transmits a 4-digit number, called a SQUAWK code, which produces a blip on the ground controller's radar screen. (The term SQUAWK originated from the last war, when the transponders carried by military aircraft were known as "parrots;" when they were operating they were squawking!)

In addition to reporting to ground control stations, aircraft also communicate with their own headquarters for the transmission of personal messages. A pilot may request that HQ notify his wife that the flight will be early so that she can arrive in time to pick him up, or he may ask for a weather report at Jan Smuts Airport in case a diversion is necessary. HQ may relay information concerning the crew or passengers, or other personal airline information. These transmissions are heard on LDOC (Long Distance Operational Control) frequencies at any time of the day or night. The South African Airways LDOC frequencies are 5443, 8933, 11354, and 13330 kHz.

It is possible, then, to chart the flight of an aircraft by tuning to the frequencies of the ground control stations along the route. Most of these frequencies are to be found in the Utility pages of the magazine, or in my Utility list booklet.

So why not settle down in your seat, switch on, and get ready for take-off in pursuit of the flying "Springboks?"

Good hunting, but remember that all the information you hear is *strictly confidential*. Times and names of ground stations contacted, frequencies used, and aircraft flight numbers/SELCALS and names of way-points may be published, but the content of the messages should never be recorded.

It is possible to QSL aircraft and the ground stations which they work. Most ground stations have their own prepared QSL cards, but if you wish to QSL the Captain of a flight, it will be necessary to include with your report your own card as well as a stamped addressed envelope. Reports should be sent to:

South African Airways

B-747 Room 410

Flight Operations Building, Jan Smuts Airport

Johannesburg 1627, Republic of South Africa

and addressed to the Captain, Springbok Flight ***, Date and SELCAL number, if known.

(This article was originally written for the SOUTH AFRICAN SHORTWAVE LISTENER, published by the South African DX Club, P. O. Box 7124, Dinwiddie 1405, South Africa. Our thanks to the author and to the SADXC for permission to reprint.)

A copy of South African Airways' current flight schedule is available from the publisher for a 25c SASE.



LATIN NOTEBOOK

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



If you'd tuned to 2390 kHz today, you'd have heard "Radio Huayacocotla, 25 years service to the community," "Radio Huayacocotla, 25 years in the fight for a more just world," or perhaps "This is a special broadcast from 6:00 AM to 7:00 PM to celebrate our 25th anniversary." And if you'd walked down the street in Huayacocotla, you could have heard it, not only on your radio, but from a speaker propped in front of an open window at the station.

The place was virtually deserted. The YL DJ in the cabana at the mike or spinning discs, and at the same time taking care of two pre-school age girls (daughters? sisters? cousins? I never can keep the generations straight in Mexico). I was in the record library with the manager, an attractive young lady who's been around the station for several years now. Occasionally the phone would ring: A dedication, and congratulations on the anniversary. She'd make a note of the names, find the record, and pass them through the door to the DJ at the mike. It was a tight schedule and they ran most of the day without a backlog. But it was a relaxed operation, with no delays or fills discernable.

But being there in the record/tape library gave me a chance to update some of the things I've written in the past. The "500 Years of Resistance" movement is still alive; I saw their placards on the TV during the Juan Carlos visit to Chile. But there was a blank area on the shelf labeled "500 Years." "What happened here?" I asked.

"ALER hasn't sent us much recently," she answered without too much thought, as she was trying to find the right combination of buttons on the telephone recorder.

"I haven't heard much from Riobamba." (I was referring to Escuelas Radiofonicas.)

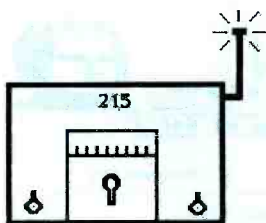
"XXX came back from Riobamba a year and a half ago," she answered in a tone that indicated finality.

I went to the shelf labeled "German Church." These are discs, religious soap operas in Spanish. There was nothing new enough not to have the envelope discolored. "And no more of these from ALER?" I suggested. She nodded confirmation. "But I thought Radio Tezulutlan announced they were to handle them?" I questioned. She knew nothing about it. There is little doubt that ALER, the stepchild of UNESCO, has expired in its role as a revolutionary force.

In place of ALER, and I didn't have the courage to discuss it because of my recent activities, is a series of campesino programs during the last broadcast hour each day: "Radio Cultural," with special programs on human rights, legal rights, ejido property rights, and some "how to" instructions on agriculture. Some, if not all, are produced by or in conjunction with Radio Educacion in Mexico.

Despite its license as an educational station, and despite its ownership by a "university," Radio Huayacocotla is now a religious station, but, being more liberation than Vatican, is certainly not evangelistic. And Gemma--I mentioned her long ago--went to a seminary for special training and has now "been assigned to another project."

73
Carl



P. O. Box 215

Ed Cichorek, Central Distribution

Editor

P. O. Box 215

New Brunswick, NJ 08903

Greetings to one and all. One night while tuning around the bands, trying to find a shorter route to India, my mind started to wander off to questions that I occasionally ponder. What am I really doing here? What is the meaning of all these little strips of paper before me? Is the grayline really gray? Will I ever get my ILG? Then, in a flash of intuition, I realized that it's about time that I tell you just what I do and what goes on here at P. O. Box 215.

About six months have passed since I started the job of Central Distribution Editor, and I'm having a great time. The role of the CDE, in my humble opinion, consists of equal parts of traffic control, express delivery, and discount mailing, with a liberal helping of public relations. It is my sincere hope that you regard the above address as a central feed point for your input to the club. It is a doorway, if you will, to enter with not just your loggings, but comments, criticisms, suggestions, praises, gripes, requests, regrets, accomplishments, and anything else as well. I hope you think of P. O. Box 215 as your passport to the pages of SPEEDX.

After considerable experimentation with various systems of organization for my central distribution editorhood, I've come up with what is, I think, a state-of-the-art solution. I call it the **RIGIDLY AFFIXED PERPENDICULAR COMPARTMENTALIZED COLLATING DEVICE**. But these are not just any old shoeboxes. No sirree! They were hand-picked for color, dimension, and holding power. Each box has been carefully stress-tested and tenderly labeled with the respective column. They are carefully arranged on the daybed in my shack, a model of efficiency. That is, until my dog decides to take a nap. It is at this time, when she leaps onto the sofa, that your loggings become airborne and create a momentary but beautiful paper cloud in the room. You have to be there to truly appreciate it. So far, there have been no missing log strips. If this does occur, it will give new meaning to that timeless excuse, "My dog ate my homework."

The position of CDE also has some interesting side benefits, like acquiring the largest collection of used staples, paper clips, and spent envelopes in central New Jersey. Office supplies, anyone? I've also received some fascinating postcards, SWL and CB cards, stickers, and, my personal favorite, a deer tick identification card. I'm sure that will come in handy in the shack (hi). Actually, I have always been a mail junkie, so it was fate that brought me to this position. I'd like to honor a contributor a month for the most original enclosure, but I think that could very easily get out of hand.

Tell you what. I'll settle for your continued loggings, comments, and support. In my almost three years as a member of SPEEDX, I have thoroughly enjoyed the involvement. Knowledge has been gained, friendships made, and now I get to see the loggings before anybody else does!

Remember, P. O. Box 215 is always open. Take care, good listening, and Happy Holidays.



WHAT'S ON

ENGLISH BROADCAST TO NORTH AMERICA



Daniel Sampson - 4 Turtle Street - Arcadia, WI 54612

UTC Time	Station	Notes	Frequencies
0000-0015	R. Prague, Czech.	---	11990; 11680; 7345
0000-0025	R. Finland	---	11755; 9645
0000-0030	BBC, U.K.	---	9915; 95908; 7325; 6175S; 5975An
0000-0030	kol Israel	---	11605; 9435; 7465
0000-0030	R. Australia	---	17795; 17715
0000-0030	RFPI, Costa Rica	Sa-Su	21565; 13630
0000-0050	R. Pyongyang, N.K.	---	15180; 15115; 13775; 11975
0000-0100	KUSW, U.S.A.	---	15590
0000-0100	R. Beijing, China	---	11715M1; 9770M1
0000-0100	R. Kiev, U.S.S.R.	---	17690; 17665; 15180; 12060; 12005; 11770
0000-0100	R. Korea, S.Korea	---	15575
0000-0100	R. Sofia, Bulgaria	---	15330; 11660
0000-0100	WYFR, U.S.A.	---	15440; 9505; 6065; 5965
0000-0130	R. Canada Int'l	Tu-Sa	9755; 5960
0000-0200	R. Canada Int'l	Su-M	9755; 5960
0000-0200	R. Havana Cuba	---	11820
0000-0200	REE, Spain	---	11880; 9630
0000-0200	WCSN, U.S.A.	---	9850
0000-0200	WSHB, U.S.A.	---	13760; 7395
0000-0200	WWCR, U.S.A.	---	15690
0000-0300	RFPI, Costa Rica	M-F	21565; 13630; 7375USB
0000-0300	WRND, U.S.A.	---	7355
0000-0400	R. Moscow, U.S.S.R.	NAm svce	21480; 17840; 17700; 17605; 15425; 15355; 15290; 12050; 11930; 11730; 11710; 9520; 6045Cu
0000-0610	CEBCNQSWS, Canada	not all EE	9625; 6195
0000-0800	WHRI, U.S.A.	---	9495; 7315
0030-0055	BRT, Belgium	---	9925
0030-0100	R. Budapest, Hung.	M-Sa	15160; 11910; 9835; 9585; 9520; 6110
0030-0125	R. Nederland	---	11740B; 6165B; 6020
0030-0230	BBC, U.K.	---	9915; 9590D; 7325; 6175S; 5975An
0030-0400	R. Australia	---	17795; 17715; 15160
0030-0430	HCJB, Ecuador	---	15155; 11775
0050-0110	Vatican R.	---	9605; 6150
0100-0120	RAI, Italy	---	11800; 9575
0100-0130	kol Israel	---	11605; 9435; 7465
0100-0130	R. Norway Int'l	Su-M	11925; 9615
0100-0130	R. Prague, Czech.	---	11680; 7345; 5930
0100-0145	R. Yugoslavia	---	11735; 9620
0100-0150	DW, Germany	---	11865; 9735; 9565Ma; 6145; 6085Ma; 6040An
0100-0200	R. Argentina Ext.	M-F	11710
0100-0200	R. Japan	Gen svce	5960S
0100-0300	KUSW, U.S.A.	---	15590; occas. 11695
0100-0300	WYFR, U.S.A.	---	15440; 9505; 6065
0130-0140	V. of Greece	---	11645; 9420; 9395
0130-0200	R. Austria Int'l	---	13730; 9875
0130-0200	R. Budapest, Hung.	---	15160; 11910; 9835; 9585; 9520; 6110
0200-0230	kol Israel	---	11605; 9435; 7465
0200-0230	R. Norway Int'l	Su-M	11925; 9615
0200-0230	R. Prague, Czech.	---	11680; 7345; 5930
0200-0230	R. Sweden	---	11705; 9695
0200-0230	SRI, Switzerland	---	17730Br; 12035; 9885; 9650; 6135; 6095
0200-0300	R. Romania Int'l	---	15380; 11940; 11830; 9570; 9510; 5990
0200-0300	VDFC, Taiwan	---	15345; 9680W; 5950W
0200-0330	R. Cairo, Egypt	---	9675; 9475
0200-0400	R. Havana Cuba	---	11820; 9505
0200-0400	WCSN, U.S.A.	---	9850
0200-0400	WSHB, U.S.A.	---	13760; 9455
0200-0600	WWCR, U.S.A.	---	7520
0230-0245	R. Budapest, Hung.	Tu, W, F	15160; 11910; 9835; 9585; 9520; 6110
0230-0300	R. Portugal	Tu-Sa	11840; 9705; 9680; 9600
0230-0300	R. Tirana, Albania	---	11825; 9500

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

UTC Time	Station	Notes	Frequencies
0230-0430	BBC, U.K.	---	9915; 7325; 6175S; 5975An
0230-0430	R. Baghdad, Iraq	---	11830; 11810
0300-0330	R. Japan	Reg svce	21610; 17825
0300-0330	R. Prague, Czech.	---	11680; 7345; 5930
0300-0350	DW, Germany	---	9605An; 9545; 6120; 6085S
0300-0400	R. Beijing, China	---	11715M1; 9770M1; 9690Sp
0300-0400	R. Japan	Gen svce	15195
0300-0400	R. Moscow, U.S.S.R.	Wld svce	11980; 11930; 11710; 11675; 9600Cu; 9530
0300-0400	VOFC, Taiwan	---	15345; 9680Wy; 5950Wy
0300-0430	TWR-Bonaire, N.Ant.	---	11930; 9535
0300-0500	KUSV, U.S.A.	---	9815
0300-0500	WYFR, U.S.A.	---	9505; 6065
0300-0600	WRNO, U.S.A.	---	6185
0310-0327	Red Cross, Switz.	---	12035; 9885; 9725; 6135 -- Nov 27, Nov 30, Jan 1, Jan 4, Jan 29, Feb 1, Feb 26, Mar 1 9635
0310-0330	Vatican R.	---	
0330-0400	R. Dubai, U.A.E.	---	15435; 15400; 13675; 11845
0330-0400	R. Sweden	---	11705; 9695
0330-0400	R. Tirana, Albania	---	11825; 9500
0330-0425	R. Nederland	---	11720B; 9590B
0340-0350	V. of Greece	---	11645; 9420; 9395
0350-0400	R. Yerevan, U.S.S.R.	---	15455; 15180; 11790; 11675
0400-0415	R. Prague, Czech.	---	11680; 7345; 5930
0400-0430	R. Romania int'l	---	15380; 11940; 11830; 9570; 9510; 5990
0400-0430	SRI, Switzerland	---	12035; 9885; 9650; 6135
0400-0450	R. Havana Cuba	---	11820; 11760; 9750; 9505
0400-0450	V. of Turkey	---	9445
0400-0500	R. Australia	---	17715; 15160
0400-0500	R. Beijing, China	---	11695Gu
0400-0500	R. Moscow, U.S.S.R.	Wld svce	11980; 11930; 11675; 9685; 9530
0400-0500	R. Sofia, Bulgaria	---	15290; 11750; 11720
0400-0600	R. Moscow, U.S.S.R.	NAm svce	17605; 15595; 15580; 15530; 15455; 15425; 15180; 13645; 13605; 12050
0400-0600	WSHB, U.S.A.	---	13760; 9455
0430-0500	BBC, U.K.	---	9915; 5975An
0450-0600	R. Havana Cuba	---	11820; 11760; 9750
0500-0515	kol Israel	---	11605; 9435; 7465; 7410
0500-0530	BBC, U.K.	---	9915; 9640An; 5975An
0500-0550	DW, Germany	---	9700; 9670An; 6120; 5960
0500-0600	R. Australia	---	15560; 15160
0500-0600	R. Beijing, China	---	11840S
0500-0600	R. Japan	Gen svce	17825; 15195
0500-0600	REE, Spain	---	9630
0500-0700	HCJB, Ecuador	---	15155; 11775
0500-0700	WYFR, U.S.A.	---	6065; 5985
0500-1400	KUSV, U.S.A.	---	9870
0530-0600	R. Austria int'l	---	6015S
0530-0730	BBC, U.K.	---	9640An; 5975An
0600-0630	R. Australia	---	15560
0600-0700	R. Korea, S. Korea	---	11830; 9570
0600-0700	R. Moscow, U.S.S.R.	NAm svce	17605; 15595; 15530; 15425; 15180; 13645; 13605; 12050
0600-0800	R. Havana Cuba	---	11835
0600-0800	WSHE, U.S.A.	---	11705; 9455
0600-1200	WRNO, U.S.A.	Su	6185
0630-0800	R. Australia	---	13705
0700-0800	VOFC, Taiwan	---	5950Wy
0700-0800	WYFR, U.S.A.	---	6065
0730-0815	BBC, U.K.	---	9640An
0800-1000	WSHE, U.S.A.	---	9455
0800-1100	WHRI, U.S.A.	---	7355; 7315
0830-1500	R. Australia	---	9580
1000-1100	R. Japan	Gen svce	6120S
1000-1100	WYFR, U.S.A.	---	5950
1000-1200	WSHE, U.S.A.	---	9495; 9455
1000-1300	R. Moscow, U.S.S.R.	Wld svce	21685; 21495; 17830; 17790; 9600Cu
1030-1125	R. Nederland	---	11890; 6020
1055-1257	TWR-Bonaire, N.Ant.	M-F	15345; 11815
1055-1332	TWR-Bonaire, N.Ant.	Su	15345; 11815

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

UTC Time	Station	Notes	Frequencies
1055-1400	TWR-Bonaire, N. Ant.	Sa	15345; 11815
1100-1130	kol Israel	---	21790; 17575; 11585
1100-1150	R. Nacional, Brazil	---	11745
1100-1150	R. Pyongyang, N.K.	---	11735; 9977; 9645; 9600
1100-1200	WYFR, U.S.A.	---	7355; 5950
1100-1315	R. Jordan	---	13655
1100-1330	BBC, U.K.	---	9740F; 5965S
1100-1400	WHRI, U.S.A.	---	11790; 9465
1130-1200	HCJB, Ecuador	---	11740
1130-1200	R. Austria Int'l	---	21490
1130-1200	R. Korea, S.Korea	---	11715S
1150-1215	R. Finland	M-F	21550; 15400
1200-1250	R. Pyongyang, N.K.	---	11735; 11335; 9600
1200-1300	R. Beijing, China	---	9665
1200-1300	WYFR, U.S.A.	---	17640; 11830; 5950
1200-1400	CBCNQSWS, Canada	not all EE	9625; 6065
1200-1400	WRNO, U.S.A.	Su	9715
1200-1400	WSHB, U.S.A.	---	11930; 9495
1200-1500	HCJB, Ecuador	---	17890; 15115; 11740
1215-1315	R. Korea, S.Korea	---	9750
1230-1255	BRT, Belgium	Su	21810
1230-1300	R. France Int'l	---	21635; 17650
1235-1245	V. of Greece	---	17535; 15650; 15625
1300-1325	R. Finland	M-F	21550; 15400
1300-1330	R. Yugoslavia	---	21715
1300-1350	R. Pyongyang, N.K.	---	15230; 13650
1300-1400	R. Canada Int'l	M-F	17820; 11855; 9635
1300-1400	R. Moscow, U.S.S.R.	Wld svce	21685; 21495; 17830; 17585; 11840Cu; 9755; 9655; 8995; 9640; 7265
1300-1500	WWCR, U.S.A.	M-F	15690
1300-1500	WYFR, U.S.A.	---	17640; 13695; 11830; 9705; 5950
1320-1630	R. Jordan	---	9560
1330-1400	BBC, U.K.	Su	5985S
1330-1515	BBC, U.K.	---	9740F
1400-1415	R. Finland	Sa	21550; 15400
1400-1425	BRT, Belgium	M-Sa	21810
1400-1425	R. Finland	M-F	21550; 15400
1400-1440	R. Finland	Su	21550; 15400
1400-1500	WHRI, U.S.A.	---	15105; 9465
1400-1600	R. Beijing, China	---	7405
1400-1600	R. Japan	Gen svce	11865
1400-1600	R. Moscow, U.S.S.R.	Wld svce	21685; 21495; 17585; 15595; 11840Cu; 9895; 9755; 9655; 9640; 7265
1400-1600	WRNO, U.S.A.	Su	11965
1400-1600	WSHB, U.S.A.	---	13760
1400-1700	R. Canada Int'l	Su	11955
1400-2330	CBCNQSWS, Canada	not all EE	11720; 9625
1400-2400	KUSW, U.S.A.	---	15590
1500-1600	BBC, U.K.	Sa-Su	15260S; 9515S
1500-1600	HCJB, Ecuador	---	17890; 15115
1500-1600	WHRI, U.S.A.	Sa-Su	21840
1500-1600	WHRI, U.S.A.	M-F	9465
1500-1600	WHRI, U.S.A.	---	15105
1500-1700	WYFR, U.S.A.	---	17640; 15215; 13695; 11830
1500-2400	WWCR, U.S.A.	---	15690
1530-1540	V. of Greece	---	17535; 15625; 11645
1530-1600	R. Sweden	---	21500; 17880
1600-1700	R. Moscow, U.S.S.R.	Wld svce	21685; 21495; 17585; 15595; 15425; 12050; 11995; 11840Cu; 9655; 7265
1600-1700	WHRI, U.S.A.	M-Sa	13760
1600-1700	WHRI, U.S.A.	Sa-Su	21840
1600-1700	WHRI, U.S.A.	M-F	9465
1600-1700	WHRI, U.S.A.	Su	15105
1600-1745	BBC, U.K.	---	15260S; 9515S
1600-2300	WRNO, U.S.A.	---	15420
1700-1730	R. Norway Int'l	Sa-Su	17760
1700-1800	R. Japan	Gen svce	11865
1700-1800	R. Moscow, U.S.S.R.	Wld svce	21685; 17605; 17585; 15595; 15425; 15135; 12050; 11995; 11840Cu; 7265

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

UTC Time	Station	Notes	Frequencies
1700-1800	WHRI, U.S.A.	---	15105; 13760
1700-2000	WYFR, U.S.A.	---	17885; 15215; 13695; 11830
1800-1830	kol Israel	---	11655; 11585
1800-1830	R. Norway Int'l	Sa-Su	15310
1800-1900	R. Moscow, U.S.S.R.	Wld svce	21685; 17605; 17585; 15595; 15425; 15135; 13605; 12050; 11995; 11930; 11840Cu
1800-2000	RFPI, Costa Rica	Sa-Su	21565; 13630
1800-2000	WSHB, U.S.A.	---	21780
1800-2100	R. Kuwait	---	13610
1800-2300	WHRI, U.S.A.	---	17830; 13760
1900-1930	R. Afghanistan	---	9635; 6020; 4760
1900-1930	R. Japan	Gen svce	11865
1900-2000	R. Moscow, U.S.S.R.	Wld svce	17605; 17585; 15595; 15425; 15135; 13605; 12050; 11995; 11840Cu
1930-2030	VOIRI, Iran	---	9022
2000-2030	kol Israel	---	11605; 9435; 7465
2000-2100	R. Australia	---	17795; 15320
2000-2100	R. Moscow, U.S.S.R.	Wld svce	17840; 17700; 17665; 17605; 15425; 15355; 12060; 12050; 11930; 11930; 11840Cu; 11730
2000-2200	WCSN, U.S.A.	---	13770
2000-2200	WSHB, U.S.A.	---	17555; 15610
2000-2300	WYFR, U.S.A.	---	17845; 15215; 13695; 11830
2000-2330	RFPI, Costa Rica	---	21565; 13630
2005-2105	R. Damascus, Syria	---	15095
2100-2130	R. Norway Int'l	Sa-Su	11850
2100-2200	R. Moscow, U.S.S.R.	Wld svce	17840; 17700; 17605; 15425; 15355; 12060; 12050; 11930; 11840Cu; 11730; 9530
2100-2400	R. Australia	---	17795
2110-2210	R. Damascus, Syria	---	15095; 12085
2200-2400	BBC, U.K.	---	9915; 95905; 7325; 6175S
2200-2400	WSHB, U.S.A.	---	17555; 9465
2230-2300	kol Israel	---	11655; 11605; 9435; 7465
2300-2330	R. Vilnius, U.S.S.R.	---	17690; 17665; 15180; 11790
2300-2350	R. Pyongyang, N.K.	---	13650; 11735
2300-2350	V. of Turkey	---	9445
2300-2400	R. Moscow, U.S.S.R.	Nam svce	21480; 17840; 17700; 17605; 15425; 15290; 12050; 11930; 11730; 11710; 9520; 6045Cu
2300-2400	WHRI, U.S.A.	---	occas. 17830; 13760; 9495
2300-2400	WRNO, U.S.A.	---	15420; occas. 7355
2300-2400	WYFR, U.S.A.	---	15440; 9505; 5985
2330-2400	CBCNQSW, Canada	not all EE	9625; 6195
2330-2400	R. Tirana, Albania	---	11825; 9760; 6120
2330-2400	RFPI, Costa Rica	M-F	21565; 13630; 7375 USB
2330-2400	RFPI, Costa Rica	Sa-Su	21565; 13630
24 Hours	CFCX, Canada	---	6005
24 Hours	CFRX, Canada	---	6070
24 Hours	CFVP, Canada	---	6030
24 Hours	CHNX, Canada	---	6130
24 Hours	CKFX, Canada	---	6080

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

The Viterbo College soccer team (21-1-1) have now won the NAIA Area V Championship beating Judson College (IL) 3-1 and are going to the National Tournament this week.

If you haven't done so please send in your SPEEDX membership survey that was in the center of last month's bulletin.



WESTERN HEMISPHERE

Don Thornton 12 Freeman Road
Somerset, NJ 08873

Hello again. The big news this month is that Glenn Hauser's "World of Radio" is now heard UTC Mondays on WWCR at 0130 on 7520kHz. This will be a big improvement over WRNO, which these days, with its 500 watts of power is about as audible as any Bolivian highlands station, and over RFPI since by the time the tape is aired on RFPI some of the material is already out of date. It will be interesting to see how Glenn's outspoken opinions are viewed by WWCR's management...another busy month, so here are the loggings!

ALASKA

11700 2027 **KNLS**: EE: M anncr w/offer of audio tapes; song by Bobby Vinton; disc abt the Apostles (322 11/11 Thornton-NJ)

ANTIGUA

6040 0123 **DW**: EE: ID; report on poverty w/in the German Society; feature on Pele (333 10/23 Brown-IL)
15220 1109 **BBC**: EE: Nx abt Britain; W w/ID @ 1115; "Country Style" inc-interview w/Johnny Cash (343 10/17 Matsushita-Japan)

ANTILLES

6020 0029 **RN**: EE: ID; nx inc Arab League wants sanctions against Israel; "Newslines" w/report on Yugoslavia's problems (433 10/18 Brown)
6165 0028 **RN**: EE: IS; ID; nx inc Israeli commission blames the police & Arabs for the recent shooting incident (444 10/25 Brown IL)
9535 0322 **TWR**: EE: Tower engineers detail their work; "Bonaire Wavelengths" (444 10/20 Carson-OK)
9630 0752 **RN**: EE: "Media Network" w/feature abt radio in unified Berlin 333 8/20 Park-HI)
11815 1110 **TWR**: EE: "Bonaire Wavelengths"; feature abt a boat race (444 10/6 Langlois-FL)
11930 0345 **TWR**: EE: Tx abt pre-marital sex from a Biblical perspective (Gee, even then, too, mate!) (555 10/27 Findlater-CA)
15345 1303 **TWR**: EE: World nx; into relig prog (534 10/24 Carson-OK)
15560 0050 **RN**: EE: "Media Network" w/disc abt telephones and satellites (444 10/12 Neff-FL) (Brown-IL) (Carson-OK)

BOLIVIA

4964.6 2240 **R. Juan XXIII**:(t) SS: M w/relig tx bracketed w/rock musical bridges; no ID heard (222 10/16 Thornton-NJ)

BRAZIL

3365 0557 **R. Cultura**: PP: Lat Am mx; M w/ID (232 10/20 Owsley-CA)
4805 2346 **R. Difusora do Amazonas**: PP: M tx, apparently reading letters from listeners (322 10/20 Bishop-NY)
4815 0837 **R. Difusora**:(t) PP: definite Brazilian domestic but which one? Both are 10KW, but this is in the same area as Goiana, while R. Nacional Tabatinga is in the Amazon (pr 10/25 Famularo)
4825 2349 **R. Cancão Nova**: PP: Prog of soft vocals and instrumentals; full ID inc freq & location (343 10/14 D'Angelo-PA)
4845 0253 **R. Cabocla**: M tx; abrupt s/off @ 0254 w/out NA or close-down info (222 10/8 Bishop-NY)
4915 0715 **R. Anhanguera**: PP: Brazilian ballads & M anncr w/ments of "Radiobras" & ID as "AN...HAN...GUERA!!" (253 11/6 Johnson IL)
4935 0049 **R. Capixaba**:(t) PP: M w/preaching style of tx; no ID given @ 0100 (221 10/14 Bishop-NY)
4955 0150 **R. Marajoara**: PP: Loud M anncr w/ID as "Radio Marajoara!"; then ads w/jingles (322 10/10 Johnson-IL) (Bishop-NY)
4975 2310 **R. Tupi** PP: Long tx until ID @ 2327; many ments of São Paulo; @ 2330 M begins tx to a large crowd (242 10/23 D'Angelo PA)
4985 0645 **R. Brasil Central**: PP: Cock crows & M anncr w/sleepy Latin tunes in the style of "Vaya con Dios" (242 11/6 Johnson-IL)
5045 0137 **R. Cultura do Pará**: PP: Nice Lat Am mx; ID; into ads & more Lat Am mx (433 10/14 Bishop-NY) (Johnson-IL)
5955 0732 **R. Gazeta**: PP: Brasopops; vocal mx; ads; ID; local TC (pr-fr 10/27 Famularo-Japan)
6050 0800 **R. Guarani**:(t) PP: Excited DJ w/Lat Am mx; no ID but several ments of "Horizonte"; ILG suggest this station (10/27 444

Findlater-CA)
 6135 0810 R. Aparecida: PP: M tx; brief relig instl mx; jingles & singing ID; TC; national nx stories inc mention of "policia federal" (fair 10/29 Famularo-Japan)
 9515 0105 R. Novas de Paz: PP: Nx; Brasopops; relig tx w/a prog for "all Brazil"; my 98th Brazilian logged (343 10/9 Flynn CA)
 9565 0030 R. Universo: PP: ID; very excited M shouting a speech (222 10/23 Findlater-CA)
 11785 0829 R. Guaiba: PP: M w/IDs TPs @ 0830; bouncy mx; freq into; W w/tx (fr-gd 10/26 Famularo-Japan)
 11830 0805 R. Anhanguera: PP: Nice rhythmic Lat Am mx; M DJ gives TCs; usual morning type prog (pr-fr 11/2 Famularo-Japan)
 17730 0215 SRI: EE: A vaccination for the AIDS virus looks promising (444 10/24 Fischer-WI) (Brown-IL)

CANADA

5965 1115 BBC: EE: "Global Concerns" w/feature abt environmental problems in Lat Am (454 10/19 Fraser-MA)
 6005 1357 CFCX: EE: Thanksgiving Day ad for a store--the short wave relay of this medium wave station was off for a few months (433 10/8 Bishop-NY)
 6070 1242 CFRX: EE: Tx abt horse racing; sports report (333 10/17 Cichorek-NJ)
 6120 1115 R. Japan: EE: Report on steps taken to stop global warming (555 10/18 Fraser-MA)
 6130 1031 CHNX: EE: Slogan "CHNS, first with nx in Nova Scotia"; DJ show w/oldies hits (343 10/18 Westenhaver-PQ)
 6160 1222 CBN/CKZN: EE: M w/tx on environmental work, casual ID; feminist issues (222 10/17 Cichorek-NJ) (Brown-IL)
 6175 0242 BBC: EE: A look at Parliament this week (444 11/2 Brown IL)
 9515 1216 BBC: EE: Report on the Japanese Prime Minister's political problems in the Gulf crisis (444 11/2 Brown-IL)
 9625 0255 CBCNQS: EE: Discussion of mental insanity pleas in criminal law cases inc sleepwalking (333 10/26 Brown-IL)
 9650nf 1151 R. Korea: EE: Tx abt centers for Korean studies at US universities (444 11/14 Westenhaver-PQ)
 9755 2320 RCI: EE: Short Wave Listener's Digest inc language recognition feature & Glenn Hauser's tips (443 10/6 Neff-FL) (Carson OK)
 11715 1033 R. Korea: EE: Seoul & Beijing to open trade offices in each other's countries (444 10/19 Neff-FL)
 11840 0517 R. Beijing: EE: W hosts a prog abt improvements in Agriculture in China (555 10/30 Owsley-CA) (Carson-OK)
 13670 2132 RCI: EE: World nx hosted by Bob Cadman (444 11/9 Reeves OR)
 15150 2126 RCI: FF: ID; end of magazine style prog (333 11/9 Reeves OR)
 15215 1520 RCI: EE: M anncr w/nx; ice hockey results; cmnty on communication; this prog beamed to Europe (555 10/24 Gibson-AR)
 17820 1830 RCI: EE: Review of the first Monitoring Times Convention in Knoxville TN (434 10/14 Fisher-WI)

COLOMBIA

4865 0550 La Voz del Cinaruco: SS: Lively Latin Am mx; M anncr w/ID (444 10/20 Owsley-CA) (Huffaker-Mexico) (Johnson-IL) (Bishop)
 4885 2309 Ondas del Meta: SS: M anncr tx; ads w/ments of Bogota (322 10/11 Bishop-NY)
 4895 2332 R. Rio Arauca: SS: M reads pres nx w/ments of Rio Arauca & Colombia; ID; jingles & promos (333 11/6 Cichorek-NJ) (Bishop NY)
 5075 0151 Caracol-Bogota: SS: Lat Am mx (322 10/14 Bishop-NY)
 6115 0616 La Voz de Llano: SS: Lively Lat Am mx; M w/ID (333 10/23 Owsley-CA)
 6150 0617 Caracol-Neiva: SS: "Musica Alegre" prog inc cumbias w/drums, choruses (343 10/22 Flynn-CA)

COSTA RICA

5055 0300 Faro del Caribe: EE: Christian Evangelist w/sermon "Spare the Rod..." (222 10/20 Fisher-WI)
 7375usb 0440 RFPI: EE: Prog abt first atomic bomb test in New Mexico (444 10/14 Carson-OK)
 9725 1249 AWR: EE: "Perfect Peace Ministers" (343 Brewer-KS)
 13630 2315 RFPI: EE: JN essay writing contest w/a SW receiver as a prize (443 10/16 Gaharan-LA)
 21566 2043 RFPI: EE: Report abt hidden cemeteries in Chile (343 10/10 Neff-FL) (Cichorek-NJ)

CUBA

3365 1118 R. Rebelde: SS: M anncr w/tx abt Castro; ID (333 10/24

Cichorek-NJ)

4766 0553 R. Moscow: RR: M anncr reads world nx (555 10/20 Owsley CA)
5025 0317 R. Rebelde: SS: M w/political tx into marching mx (444 10/31 Owsley-CA)
11710 0020 R. Moscow EE: "New Market" prog w/feature abt commodities exchange reopening (433 10/24 Gaharan-LA) (Findlater-CA)
11820 0015 RHC: EE: Cuban & int'l nx (322 11/10 Reeves-OR) (Owsley CA)
11950 0510 RHC: SS: M & W alternate reading world nx (544 10/30 Owsley)

ECUADOR

3220 2253 HCJB: Quechua: Lat Am Highlands mx (221 10/11 Bishop-NY)
3380 0020 R. Iris:(t) SS: W w/probable ID @ 0333, but I couldn't be certain (221 10/14 Bishop-NY)
3395 0156 R. Zaracay: SS: Prog of romantic mx; fair signal but much QRN (332 10/21 Huffaker-Mexico) (Bishop-NY)
4795 0409 La Voz de los Carás SS: Saturday night dance party w/casual IDs every 15 minutes (333 10/21 Huffaker-Mexico)
4800 0300 R. Popular de Cuenca: SS: Ads, M tx; into mx (242 11/11 Froemming AR)
4870 2322 R. Rio Amazonas: SS: Andean style mx, the type often played on HCJB "Musica del Ecuador" (221 10/11 Bishop-NY)
4960 023 R. Federación: LL?? Middle of Road Lat Am mx non-stop into Indian language ID w/only QTH identifiable (333 10/21 Huffaker)
9745 1035 HCJB: EE: "Ham Radio Today" w/review of ICOM IC-25AT transceiver (444 10/24 Brewer-KS)
11775 0050 HCJB: EE: "DX Party Line" w/features abt VOA; word processors (444 10/7 Neff-FL) (Owsley-CA)
15155 0305 HCJB EE: SPEEDXer Woody Seymour interview about ANARC on "DX Partyline" (Never heard of him!--ed) (434 10/20 Carson OK) @ 0302 in EE "Dateline 90" anncr read letter from Speedxer Val Scott (443 10/30 Janusz-NJ) (I have heard of her!--ed)
25950u 1434 HCJB EE: Biblical story w/comedic overtones (555 10/13 Lev-ison-PA) @0329 in EE w/IDs & freq anmts; "Calvary Hour" (151 10/29 Matsushita-Japan) @ 1435 in EE "Moody Presents" w/sermon by Dr. Joseph Stowell (454 10/28 Brewer-KS)

FRENCH GUIANA

5055 0147 RFO Matoury: FF: M & W w/tx in FF (222 10/14 Bishop-NY)
15325 0307 R. Japan: EE: Nx inc US to talk next week w/Vietnam; dollar falls to 125 yen (544 10/16 Brown-IL) (Findlater-CA)

GUATEMALA

2390 0108 La Voz de Atitlán: SS: Nice signal after Huayacocotla s/off; romantic mx; local anmts; IDs (444 10/20 Huffaker-Mexico)
3300 0126 R. Cultural/TGNA: SS: "Jardin Muscia", a light mx prog; ID @ 0130 "Radio Cultural-FM" (They normally only ID the SW outlets during the EE progs) (444 10/20 Huffaker-Mexico) (Carson OK)
3325 0055 R. Maya de Barillas: SS: local anmts; full ID @ 0105 that did not mention the 120 meter freq (544 10/21 Huffaker-Mexico)
3360 0230 La Voz de Nahualá: SS: Prog of marimba ma; some w/SS vocals; Indian lang ID & anmts @ 0234 (544 10/21 Huffaker-Mexico)
3370 0220 R. Tezulutlán: LL?? SS relig mx; Indian lang ID by W; into marimba mx (Tezulutlán uses its 120 & 60 meter outlets for Indian lang prog in 5 different languages. The FM Xmtr is full time in SS & programs the SW outlets for Mass & special broadcasts) (544 10/20 Huffaker-Mexico)
3380 0210 R. Chortis: SS: Personal & social anmts for the local area; letters & dedications that seemed endless (544 10/20 Huffaker)
4799.8 0315 R. Buenas Nuevas: SS: IDs preceded by Hammond organ mx & hoofbeats (333 10/24 Fischer-WI) (Hoofbeats?!!--ed)
4835 1055 R. Tezulutlán: SS: Lat Am instl mx; ID at 1057 (333 10/21 Cichorek-NJ) (Bishop-NY) (Huffaker-Mexico)

HONDURAS

4820.2 0459 La Voz de Evangélica: SS: Pentacostal prog w/M & W reading listener's letters; 0506* (333 10/20 Westenhaver-PQ)

MEXICO

6185 1216 R. Educación:(t) SS: Classic guitar mx & ballads by M & W vocalists; no ID @ 1230; fading by 1248 (242 11/4 Cichorek NJ)

PARAGUAY

11945 0737 R. Encarnación: SS: M anncr tx between Lat Am mx selections; ments of Paraguay; lcl TC; this station is only 500 watt! (pr-fr 10/25 Famularo-Japan)

PERU

- 4810 0150 R. San Martín: SS: Liltng Peruvian mx; personal anmts for individuals in the Tarapoto area (343 10/20 Huffaker-Mexico)
 4824.8 2328 La Voz de la Selva: SS: Pop vocals; ID (232 10/26 Cichorek)
 4915 0957 R. Cora: SS: Nx by M to 1000 ID by W; into prog of lively Lat Am vocals; ad for Banco Comercio (353 10/1 D'Angelo PA)
 4990.7 0653 R. Ancash SS: Interesting prog of modern Peruvian mx; ments of "Ancash" 343 11/6 Johnson-IL)

PIRATES, CLANDESTINES & UNIDS

- 6303 0036 R. Patria Libre: SS: Full ID @ 0036; political tx & nx; folk mx (433 10/79 Karcheski-MA)
 6305 0730 La Voz del CID:(t) SS: No ID heard but several ments of Cuba; excited speech by M who surely doesn't like Castro (444 10/26 Findlater-CA)
 7406 2207 Omega Radio: EE: Rock mx; then tx abt the dangers of rock mx inc hidden messages ect; at s/off played the them from "Rawhide" 232 10/27 Johnson-IL)
 7410 0419 WYMN: EE: W anncr "Pirate Jenny" w/woman's rights cmnty & mx by women artists (343 10/28 Johnson-IL)
 7415 0058 WHO: EE: "WHO The Voice of Free Radio on Gallafrey" over "Dr. Who" theme; song "Monster Mash" (333 11/1 Johnson-IL)

UNITED STATES OF AMERICA

- 5050 0204 VOFC: EE: Cmnty abt fashions & manufacturers; cmnty abt puppeteers (444 10/30 Levison-PA)
 5995 1040 VOA: EE: "New Horizons" projects concerning human genes (555 10/21 Fraser-MA)
 6035 0451 VOA: EE: Messages from home for US citizens unable to get out of Kuwait and Iraq (343 10/5 Neff-FL) (George & I are both assuming that with the Liberia relay out of commission, that this transmission is from USA--ed)
 7520 0345 WWCR: EE: "Radio Free America" prog w/feature "News the Media Won't Tell Us" (555 10/26 Brown-IL)
 9465 0503 WMLK: EE: Prog abt Feast of Tabernacles & Feast of Trumpets (242 10/26 Carson-OK)
 9680 0320 VOFC: EE: "Cultural Encounters" w/report on a history teacher & his class (444 10/12 Brown-IL)
 11580 0013 VOA: EE: Nx abt hostage release in Iraq (444 11/10 Reeves OR)
 11740 0225 VOFC: EE: Description of Chinese recipes for preparing chicken (433 11/2 Brown-IL)
 15145 2330 WINB: EE: Continuous organ melodies (252 10/26 Levison PA)
 15205 0009 VOA: EE: Nx abt Nepal's King Birendera (444 11/10 Reeves OR)
 15280 2226 KGFI: SS: Fanfare; ID ending w/"...esta is KGFI, La Voz de Amistad"; W anncr w/nx (I was expecting EE) (222 10/7 Park-HI)
 15425 1849 VOA: AA: Interview of M on nx prog (333 11/9 Reeves-OR)
 15580 1857 VOA: EE: Feature in "special EE" abt musicians in America (444 11/9 Reeves-OR)
 17615 2055 WYFR: EE: Listener's letters to "Family Radio"; ID @ 2100 (433 10/23 Brewer-KS)
 17750 1835 WYFR: EE: The ubiquitous Harold Camping hosting "Open Forum" 343 10/27 Cichorek-NJ) (EG, they really don't have as many transmitters as Radio Moscow--it only seems that way--ed)
 17775 2345 KVOH: SS: Vocal mx selections w/Spanish rhythms (555 10/2 Levison-PA)

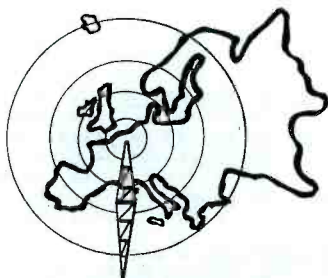
VENEZUELA

- 4830 0315 R. Táchira: SS: Lat Am mx; ID (343 11/11 Froemming-AR)
 4840 0200 R. Valera: SS: ID; nx by M; Lat Am mx @ 0210 (11/12 Froemming-AR) (Bishop-NY) (Cichorek-NJ) (Huffaker-Mexico)
 4980 0215 Ecos del Torbes: SS: Tx by M anncr; ID; into Lat Am mx (242 11/11 Froemming-AR)
 5040 0130 R. Maturín: SS: ID: Lat Am mx; poor modulation (242 11/12 Froemming-AR)
 9600 0440 R. Rumbos: SS: Very excited M anncr tx; many IDs given (444 10/20 Owsley-CA)

FILL THAT GAP: No gap to fill this month, in fact some of the loggings either had to be shortened or eliminated entirely due to lack of space, especially Pirate loggings, which had to walk the plank this time. Apologies to Tim Johnson. Maybe we should all write to Woody Seymour & request an extra page for Western Hemisphere! He's not such a bad guy! He probably won't even reprimand me for printing this request!...enjoy the upcoming Holidays...until next month remember to have fun with your radio!

73s and good DX *dlon*

EUROPE



BOB COLYARD
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Greetings all! More Euro Pirates from Switzerland this month! Check out Orang-Utan on 12/16/90! Radio Prague has brought back "Scrapbook" and an extra 30 mins on Sunday night. Remember that "Random Selection", "Grapevine" & "Happy Station" are also on Sundays. Turn on some young person to one of those little "World Band" radios; give one for the holidays. Buy one for yourself while your at it! And keep those loggings coming in. I want to thank John Carson for the station schedules. I can use anything anyone sends me. I hope everyone has happy holidays and we will be back next year with more. On to the loggings!

ALBANIA

Radio Tirana

9375 0554 RT: GG: Continuous Albanian folk music. (333 10/23 Owsley-CA)
9480nf 0438 RT: EE: ID & discussion. (434 10/26 Carson-OK) EE: @2230. (333 Findlater-CA)
11895 2030 RT: SS: "Aqui Tirana...", anthem and into news. (322 11/1 Carson-OK)

AUSTRIA

Radio Austria Intl.

9870 0130 RAI: EE: "Next year.. our 21st birthday." (545 11/4 Robinson-TN)(433 Brown-IL)
13730 0131 RAI: EE: "Report From Austria" (332 10/21 Bishop-NY)(333 10/18 Brown-IL)
21490 1440 RAI: EE: Marketing into the Eastern European block. (433 11/6 Carson-OK)

BELGIUM

Belgische Radio en Televisie

9925 2336 BRT: EE: //13675; European Market. (444 10/23 Owsley-CA)(444 Carson-OK)
13675 *0030 BRT: EE: //9925; "Brussels Calling" (333 10/24 Gaharan-LA)(333 Rocker-FL)
(444 Findlater-CA)
21810 1400 BRT: EE: News headlines, comment on rebels in Africa. (444 10/23 Levison-PA)

BULGARIA

Radio Sofia

7115 0630 RS: ??: No decipherable ID but several amts --Sofia. (333 10/19 Findlater-CA)
11750 0410 RS: EE: "Scanning the Pages" (433 11/2 Carson-OK) @0430: EE: //9435;
YL w/commentary on various subjects. (555 11/2 Gibson-AR)(333 Findlater-CA)
.15330 2250 RS: EE: "Listener's Letters". (433 10/7 Langlois-FL) @0015:(454 Fraser-MA)

CYPRUS

BBC

9635 1849 BBC: GG: English language lesson; ID @1859. (323 nd Stringer-NZ) (PWBR90 -BC)

CZECHOSLOVAKIA

Radio Prague Intl.

5930 0125 RPI: EE: "Pausing here for few minutes of music." (333 10/17 Findlater-CA)
@0300: EE: //7345; Prague beer festival. (444 10/23 Gaharan-LA & Carson-OK)
7345 0005 RPI: EE: "Czechoslovakia Today" (454 10/16 Fraser-MA)(444 10/17 Findlater-CA)
@0101: EE: Comments on cheap S.W. radios. (444 10/18 Levison-PA)(Abbinante-IL)
@0300: EE: Economic Review, "Tip for Trip" (444 10/13 Carson-OK)(Findlater-CA)
@0400: EE: "Czechoslovakia Today": 40 years of RFE. (434 10/18 Carson-OK)
9540 0312 RPI: EE: //7345, 5930, ex11680; "Scrapbook".(Great program!)(333 11/19 BC-NJ)
11680 0115 RPI: EE: //7345, 5930; "Economic Report" by Posner. (333 10/26 Findlater-CA)
11990 0000 RPI: EE: "Czechoslovakia Today", "Market Economy" (343 10/4 Flynn-CA)

FINLAND

Radio Finland

9550 1938 RF: EE: Potpourri of talks; UN peace-keeping forces... (fair 10/5 Famularo-JP)
9645 0000 RF: EE: ID and YL w/news. off @0025. (444 10/20 Findlater-CA)
11755 0001 RF: EE: News; Press Review: economists say party is over. (333 10/25 Brown-IL)
@0730: EE: "Business Monday", FF @0745: (444 10/1 Findlater-CA)(343 Carson-OK)
15400 1415 RF: EE: International horse show. (343 Abbinante-IL)(343 10/11 Neff-FL)
@1258: FF/EE: "Northern Report", "4th Generation". (434 10/24 Carson-OK)
21550 1300 RF: EE: Nx.(434 10/12 Carson-OK)(434 Abbinante-IL)(443 Neff-FL)(454 Rocker-FL)
@1400: EE: "Northern Report" (444 10/9 Karcheski-MA)(444 10/16 Carson-OK)

FRANCE

Radio France Intl.

9800 0318 RFI: FF: Music and commentary. (555 10/23 Gibson-AR)
11660 0800 RFI: FF: ID and news by OM. off @0835. (555 10/1 Findlater-CA)
15195 1245 RFI: EE: Commentary. QRM de co-ch Bangladesh. (222 10/17 Cichorek-NJ)
17620 1600 RFI: EE: "Paris Calling Africa" (333 10/23 Gaharan-LA)(454 10/12 Fraser-MA)
@1640: Letterbox program (Sun). (333 10/21 Abbinante-IL)
17650 1237 RFI: EE: //21645, 21635, 15195; National News. (fair 11/1 Famularo-JP)
21635 1240 RFI: EE: //21645; World news, "Focus on France". (454 10/13 Rocker-FL)

GERMANY

Deutsche Welle Radio Berlin Intl. RFE/RL

6000 *2130 DW: RR: IS, OM w/GG/RR IDs; clock chime and talk. (fr-gd 10/12 Famularo-JP)
 9545 0339 DW: EE: Theatre, sports, mx in DDR before unification. (444 10/19 Carson-OK)
 9670 0531 DW: EE: OM w/news: the parties involved in unification. (444 10/23 Owsley-CA)
 9730 0300 RBI: EE: YL & OM w/letters from listeners. (444 9/23 Findlater-CA)
 11765 *0600 DW: EE: IS, world news..., to West Africa. (poor 10/15 Famularo-JP)
 11865 0115 DW: EE: Hungarian Prime Minister's visit to Germany. (443 10/16 Gaharan-LA)
 11955 0650 DW: GG: //9690; ID and jazz music. news @0700. (333 9/20 Findlater-CA)
 13610 *0045 RBI: EE: Said tomorrow would be their last program. I tuned in same time on
 T073 only to hear Deutsche Welle. Somehow I feel cheated! (455 10/2 Rocker-FL)
 13610 1530 DW: EE: via Leipzig? (formerly RBI); "Economic Notebook" (243 10/12 Flynn-CA)
 13770 *0100 DW: EE: //11890, 13610; all via old RBI xmtrs. (444 11/8 Seymour-NC)
 @0505: //6120; "European Journal" (434 11/2 Carson-OK)(323 10/27 Abbinante-IL)
 15410 0031 DW: GG: Part of a symphony and various other music. (444 10/3 Levison-PA)
 17880 1614 RBI: Last program for listeners in Asia; 1626*. QRM de co-ch BBC(Ascen).
 (733 10/2 Matsushita-JP) Last logging of this station in SPEEDX forever. -BC
 21540 *0858 DW: EE: IS, ID, opening mx; freq anmt(not 21540RBI). (454 10/22 Matsushita-JP)
 25740 1200 DW: GG: Music, IS and OM w/talk. (poor 11/2 Famularo-JP)

GREECE

Voice of Greece Voice of America

7170 0547 VOA: EE: OM w/talk on world education. (243 10/23 Owsley-CA)
 9420 0142 VOG: EE: //9395, 11645; News, and report on Greek music. (444 10/17 Brown-IL)
 (444 9/28 Findlater-CA) @0307: //9395; GG folk music. (444 10/31 Owsley-CA)
 9425 2338 VOG: EE: News about Greece; union rights. (444 11/6 Cichorek-NJ)(Findlater-CA)
 11645 0640 VOG: GG: //9425; YL w/talk & Balalaika music; @0730*. (444 9/25 Findlater-CA)
 12105 2315 VOG: SS: Spanish music and vocals; off @2350. (333 10/1 Findlater-CA)
 15625 1530 VOG: EE: YL w/commentary on various subjects. (453 10/24 Gibson-AR)

HUNGARY

Radio Budapest

9520 0130 RB: EE: The Hungarian Nat'l theatre; "Open Door" @0151. (333 10/26 Carson-OK)
 9585 2110 RB: EE: OM w/talk on oil prices and democratization. (fair 10/29 Famularo-JP)
 9835 0130 RB: EE: Talk of the 1956 revolution. (545 11/4 Robinson-TN) @0205: news.
 (434 Carson-OK) @0045:(443 Gaharan-LA) @2200: SS:(333 Findlater-CA)
 11910 0237 RB: EE: DX program: DX tips, new freqs, etc. @0245* (323 10/31 Carson-OK)

ITALY

European Christian Radio Radio Europe Radiotelevisione Italiano

6210 0831 ECR: EE: ID and address in Austria. off at 0834*. (344 9/30 Willer-SW)
 7275 *0445 RAI: Lithuanian: IS & ID; YL w/news. (333 9/22 Findlater-CA)
 7294 1035 Radio Europe: II: Elvis & Beatles; Bad QRM & QSB. (233 10/14 Willers-SW)
 9575 2315 RAI: II: Various music selections. (434 10/25 Levison-PA) @0050: Traditional
 jazz pmg; EE @0100:(like a local)(555 Findlater-CA) @0100: EE:(333 Brown-IL)
 11800 0058 RAI: EE: IS & news: Gorby Nobel Peace prize. (444 10/16 Brown-IL) @0110: EE:
 News. (454 Fraser-MA) @2310: II: Classical piano music. (555 Findlater-CA)

LUXEMBOURG

Radio Luxembourg

6090 2332 RTL: FF: C&W music, "Rubin Jane", pop vocals. (444 10/23 Cichorek-NJ)
 @0033:(333 Gaharan-LA) @0735: GG: "Die Oldies!"; requests. (434 Fischer-WI)
 15350 1937 RTL: EE: MC Hammer: "Baby Have You Seen Her"; OM DJ. (243 10/21 Abbinante-IL)

MALTA

Deutsche Welle IBRA

7110 2045 IBRA: Polish: IS & ID: "IBRA Radio", "May the blessings of Jesus Christ be
 with you!"; religious vocals & talk. (322 11/5 Cichorek-NJ) He knows Polish!
 9605 0329 DW: EE: "Dollar drops to new low against the Mark." (333 11/2 Brown-IL)

NETHERLANDS

Radio Netherlands

6020 *0030 RN: EE: "Newsline", "Media Network" (544 11/2 Carson-OK)(444 10/24 Gaharan-LA)
 9590 0330 RN: EE: "News", "Newsline" & "Media Network". (555 10/26 Gibson-AR)
 9860 2300 RN: Dutch: ID and talk by OM; off at 2325. (444/10/1 Findlater-CA)
 17605 1445 RN: EE: "Happy Station" program. (433 10/21 Gibson-AR)(353 10/21 Fraser-MA)
 21745nf 1340 RN: Dutch: (to Mid East); News Magazine, YL w/ID @1409; Sports News; closing
 anmts and off @1425*. (353 10/22 Matsushita-JP)

NORWAY

Radio Denmark Radio Norway Intl.

9570 0200 RNI: EE: Talk abt "The Norwegian Wolf". (howls included)(545 11/4 Robinson-TN)
 9590 *0730 RD: Danish: R. Norway IS and then R. Denmark IS. OM w/ID & talk. Heavy QRM
 from Japan NSB-9595. (pr-fr 11/5 Famularo-JP)
 9615 0130 RD: Danish: IS and station ID in English. (434 10/26 Levison-PA)
 RNI: EE: @0215: "Listener's Corner": talk, music, letters.(433 10/21 Brown-IL)
 11735 1005 RD: Danish: News, Sports & ID in English. (444 10/23 Fischer-WI)
 11920 0029 RD: Danish: IS, ID and into news. (333 10/18 Carson-OK)
 15145 0424 RNI/RD: EE/Danish: RN-IS to 0430 Then RD-IS; ID in EE. (343 10/23 Johnson-IL)
 17730 2200 RNI: EE: Norway gets 280 million dollar missile contract. (333 10/14 Brown-IL)
 17755 1600 RNI: EE: Electric use in Norway. (333 10/14 Fischer-WI) @1815:(444 Fraser-MA)
 21710 1400 RNI: NN/Danish: IS, ID & nx by YL. RD @1430: ID & news. (433 10/21 Gibson-AR)
 25730 1600 RNI: EE: News and comments on Soviet nuclear tests. (333 10/25 Brown-IL)

POLAND

Radio Polonia

7270 2241 RP: EE: DX Club program. (great signal tonight)(444 10/23 Cichorek-NJ)
 @2331: EE: DX Club: w/reception reports. QRM de VOA in RR. (323 11/6 Cichorek)

PORTUGAL

RFE/RL Radio Portugal

7145 0400 RFE: Polish: "Polska Radio Europa", YL and OM w/talk. (444 10/3 Findlater-CA)
 7190 0630 RFE: Czech: "Radio Svobodna Europa"; off @0700. (333 10/22 Findlater-CA)
 7245 0500 RL: RR: Radio Svoboda; OM w/news. (333 10/3 Findlater-CA)
 9680 2348 RDP: PP: //9705(333); PP to Americas; OM w/audience. (344 10/14 Flynn-CA)
 9705 0231 RDP: EE: News: PP currency will join EEC before 1994. (433 10/29 Brown-IL)
 11840 0240 RDP: EE: "Touring Portugal". (322 10/22 Brown-IL) in PP:(222 10/20 Carson-OK)
 15145 0715 RFE: Polish: //9705; "Polska Radio Europa"; OM w/talk.(333 10/20 Findlater-CA)
 17725 1815 RFE: Bulgarian: "Radio Svobodna Europa"; 1855*. (444 9/28 Findlater-CA)

ROMANIA

Radio Romania Intl.

9510 0400 RRI: EE: //11940(222); News & Comment. Covered by WYFR. (poor 10/30 Carson-OK)
 9570 0200 RRI: EE: News & Comments; "Music for Everyone": w/folk song from Transylvania.
 (333 10/31 Seymour-NC) @0206: "Listeners Letterbox" (545 11/4 Robinson-TN)
 @0239: (332 10/26 Carson-OK) @2330: //9510; Balkan mx. (333 Findlater-CA)
 9690 2100 RRI: EE: ID & news by YL. (333 10/26 Findlater-CA)
 11940 0200 RRI: EE: News & economic comment. (232 10/18 Carson-OK)
 @0400: EE: News: election vote rigging. (232 Carson-OK)(444 Findlater-CA)
 17860 1745 RRI: EE: Commentary: "The disappearance of taboos". (343 10/26 Johnson-IL)

SPAIN

Radio Exterior de Espana Radio Beijing Radio Liberty

9360 2343 REE: SS: OM w/world news and ID. (354 10/23 Owsley-CA)
 9630 0026 REE: EE: Light music; YL talking how to get a QSL card. (433 10/29 Bishop-NY)
 (343 10/14 Flynn-CA)(433 10/21 Brown-IL) "DX Spot" (444 10/7 Neff-FL)
 @0515: EE: OM w/commentary on the Basque. (555 11/2 Gibson-AR)
 9690 0249 RBJ: EE: "Agriculture Report" (434 10/30 Levison-PA)(333 9/24 Findlater-CA)
 @0306: EE: Talk about New Zealand and Chinese relations. (333 10/12 Brown-IL)
 11790 1927 REE: EE: Weekly DX Show (Sat): 1991 EDXC Conference. (544 10/13 Willers-SW)
 11880 0110 REE: EE: World news & "Panorama". (333 Gaharan-LA) @0000:(433 10/23 Brown-IL)
 15110 1928 REE: SS: IS, ID, Address & freqs; xmitter problems. (444 10/21 Abbinante-IL)
 @2300: SS: OM w/talk & music; off @2335*. (444 10/18 Findlater-CA)
 15240 2155 REE: SS: Alternating bits of tlk & mx. Weak but clear. (poor 11/1 Famularo-JP)
 15380 2058 RL: RR: "Radio Svobodna"; @2100 balkan music.(444 9/24 Findlater-CA) Good one!
 17805 2258 REE: SS: //17715; IS to 2300, ID & into news. (454 10/12 Rocker-FL)
 17870 *1930 REE: SS: IS & ID; OM w/news. (444 10/21 Findlater-CA)

SWEDEN

Radio Sweden

11705 0210 RS: EE: OM w/talk on travel to Iceland. (333 10/25 Abbinante-IL)
 21500 1540 RS: EE: Sweden's austerity package to be introduced. (555 10/24 Gibson-AR)

SWITZERLAND

Swiss Radio Intl. Radio Beijing

3985 2211 RBJ: EE: OM & YL alternate reading the news items. (322 10/16 Thornton-NJ)
 6095 0200 SRI: EE: News; Dateline; commentary on Bush's options. (333 10/29 Brown-IL)
 6135 0201 SRI: EE: News: UN Security Council.(333 10/17 Brown-IL)(333 9/22 Findlater-CA)
 9535 1730 SRI: EE: "Dateline" (444 10/1 Findlater-CA) @0600: FF:(322 10/23 Owsley-CA)
 9560 *0745 SRI: Esperanto: IS & ID in EE; heard under co-ch Finland.(pr 10/6 Famularo-JP)
 9650 0200 SRI: EE: News & @0207: "The Grapevine". (555 9/17 Gibson-AR) Good program! -BC
 9885 2115 Red Cross Bcating: EE: Interview w/RC official abt relief plans in various
 countries; SS: @2130. (333 10/26 Findlater-CA) @0529: FF: Swiss folk music;
 @0532* (444 10/20 Owsley-CA) @0202: EE: News. (444 Abbinante-IL & Brown-IL)
 12035 0159 SRI: EE: Alpine music; IS, ID & news: Gorby wins Nobel. (433 10/15 Brown-IL)
 @0420: EE: Police authority in Cantons discussed. (333 10/16 Carson-OK)
 15525 2100 SRI: EE: //13635; frequency sked; "Today's Roundabout" (333 9/23 Findlater-CA)
 15570 1117 SRI: EE: Talk on DNA, an art exhibition; accordion mx. (fair 10/8 Famularo-JP)
 21770 0650 SRI: EE: to Afr: Talk w/dissenting Soviet film maker. (fair 10/22 Famularo-JP)

UNITED KINGDOM

British Broadcasting Corp British Forces Broadcasting Service

7150 0618 BBC: EE: YL w/news on British Forces in the Mid East. (333 10/30 Owsley-CA)
 7155 0630 RCI: EE: //6050; "Inside Track": sports pgm. 0700* (555 10/28 Findlater-CA)
 7325 2255 BBC: EE: end of "News Hour"; ID at 2300. (333 10/23 Brewer-KS)(433 Brown-IL)
 9410 0558 BBC: EE: Talk on coordinated operations in the Gulf. (333 10/23 Owsley-CA)
 9760 *0345 BBC: RR: IS & ID; talk by OM. (333 9/23 Findlater-CA)
 9760 2030 VOA: EE: "The Many Worlds of Leonard Bernstein" (453 10/21 Fraser-MA)
 9915 0319 BBC: EE: "The World Today": talk on Armenia. (DXing from work, very noisy!)
 (fr-gd nd Stringer-NZ)(I have the same problem in the computer center where
 I work using my D1875 -BC) (333 10/10 Brown-IL)(333 10/23 Owsley-CA)
 11720 1645 BBC Gulf-Link: EE: Recorded phone messages to the Gulf. (322 11/10 BC-NJ)
 13745 0200 BFBS: EE: Rock music; "Camel Jokes"; off @0230. (222 10/30 Brown-IL)
 17695 *1330 BFBS: EE: Music & messages for British Gulf Troops.(333 10/21 Neff-FL)
 (443 10/21 Gaharan-LA)(344 11/4 Carson-OK)
 17780 1249 BBC: EE: "English by Radio" w/short story. RR at1300. (fr 10/29 Famularo-JP)
 21735 1335 BFBS: EE: mx & greetings; views on Superman's marriage. (333 10/24 Neff-FL)

VATICAN CITY

Vatican Radio

6150 0051 VR: EE: News: religious violence in India. (333 10/30 Brown-IL)
 9605 0049 VR: EE: IS & news: Pope appeals for peace in Mid East. (444 10/10 Brown-IL)
 9615 0000 VR: SS: IS & ID; OM w/talk. (333 10/17 Findlater-CA)
 15208 2000 VR: FF: IS & ID; OM w/talk. (333 10/29 Findlater-CA)
 15210 1614 VR: EE: ID by OM & theme music; news: Nobel Prize. (232 10/15 Matsushita-JP)
 17730 2210 VR: EE: Comments by the Pope on the Clergy. (232 10/27 Brown-IL)

YUGOSLAVIA

Radio Yugoslavia

11735 0120 RY: EE: Economic & human rights in YY. (544 10/27 Carson-OK)(433 Gaharan-LA)
 21715 1313 RY: EE: Talk on the Mid East & anti gas weapons. (433 10/24 Neff-FL)

From Steve Willers in Switzerland comes more Euro Pirate loggings & schedules.

France

11400 0937 Radio Waves Intl: EE: //7440; mx from EL0, Rod Stewart; ID; fading.(243 9/30)

Holland

6206 0945 Radio Orang Utan: EE: 60's music; NEXT bcst on 12/02 & 12/16. (454 10/21)
 7489 0927 Radio Free Service Holland: EE: Special gift for correct reports. (344 10/21)
 11400 *1001 Radio Titanic Intl: EE: DJ- Dave Scott; 70's music; heavy fading. (233 10/14)

United Kingdom

6203 *0900 Voice of Love: EE: Disco music, Springsteen; IDs by OM & YL; 0928* (343 9/30)
 6205 2310 Radio Freedom Intl: EE: "This is RFI coming from Scotland"; rock. (232 10/7)
 6275 2210 WFRL: EE: London DJ; telephone calls; pop & rock; address in Kent. (242 10/6)
 6286.5 0009 Live Wire Radio: EE: DJ Phil; Rush & JM Jarre; address in Bath. (344 10/7)
 7440.5 0850 Jolly Roger Radio (Ireland): EE: Rock mx & ID. (via Radio Waves) (222 10/21)

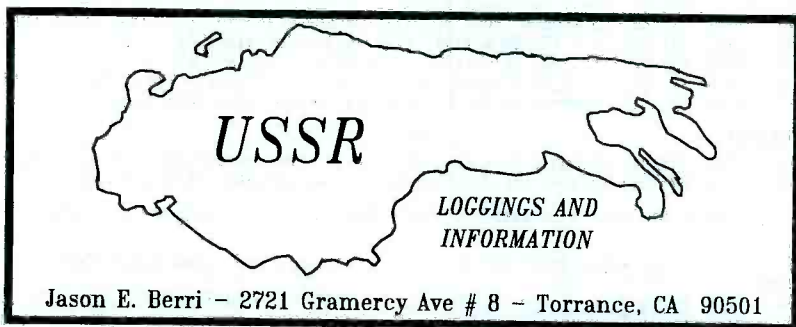
The schedule for European Christian Radio in Italy, on 6210 Khz.
 Daily 1730-1900 in Albanian/Romanian/Croatian, Sunday 0700-0830 in EE/II/GG
 The schedule for Evangelium Rundfunk, via Monte Carlo in GG on 7160 & 9795 kHz.
 Daily 1515-1600, Monday to Saturday 1005-1020 & 1205-1220, Sunday 0930-1020

Each month I receive loggings for Euro stations, via xmitters outside of Europe. For example: BBC on 11940 at 0430 utc. In the 1990 PWBR, 11940 is via Lesotho. So to help us out a little, I've condensed a list I found on the ANARC BBS (913-345-1978). 73s,

Bob

B.B.C. WORLD SERVICE IN ENGLISH FREQUENCY USAGE

kHz	time	site	kHz	time	site	kHz	time	site
3255	0300-0430	LESOTHO	7325	0700-2300	SKELTON	15070	0600-2115	DAVENTRY
3255	1745-2030	LESOTHO	7325	2200-0430	DAVENTRY	15105	1300-1330	ASCENSION
3915	1500-2300	KRANJI	7325	2200-0430	RAMPISHAM	15140	2000-2300	KRANJI
3955	0300-0730	DAVENTRY	9410	0300-0530	RAMPISHAM	15190	0900-1100	ASCENSION
3955	1700-2300	DAVENTRY	9410	0400-2300	SKELTON	15195	1030-1515	CYPRUS
3955	2000-2300	SKELTON	9410	0700-0915	DAVENTRY	15220	0300-0330	CYPRUS
5965	0000-0030	MASIRAH	9410	1615-2030	RAMPISHAM	15220	1100-1330	ANTIGUA
5965	0030-0145	CYPRUS	9515	1100-1330	SACKVILLE	15245	0400-1030	CYPRUS
5965	1100-1130	SACKVILLE	9570	2200-2400	KRANJI	15260	1600-1745	SACKVILLE
5975	0730-1515	RAMPISHAM	9580	0000-0145	MASIRAH	15260	2000-0330	ASCENSION
5975	1615-2030	MASIRAH	9580	0500-0730	CYPRUS	15280	0300-0930	HONG KONG
5975	2000-0730	ANTIGUA	9590	0030-0230	DELANO	15310	0300-1615	MASIRAH
5995	1300-1430	HONG KONG	9590	2200-0030	SACKVILLE	15360	0000-0330	KRANJI
6005	0000-0545	ASCENSION	9600	0300-0630	ASCENSION	15360	0600-1115	KRANJI
6005	1900-2300	INDIAN OC.	9610	0400-0430	ASCENSION	15380	0300-0330	KRANJI
6045	0900-1515	SKELTON	9630	1900-2030	INDIAN OC.	15390	0200-0215	ASCENSION
6050	0200-0330	CYPRUS	9640	0500-0815	ANTIGUA	15400	0500-1130	ASCENSION
6110	0200-0215	ANTIGUA	9660	0900-1515	CYPRUS	15400	1500-2300	ASCENSION
6110	0200-0215	ASCENSION	9670	0300-0430	CYPRUS	15420	0300-1700	INDIAN OC.
6175	2200-0330	SACKVILLE	9740	0900-1830	KRANJI	15420	0630-0730	CYPRUS
6180	0400-2300	CYPRUS	9750	0900-1030	SKELTON	17640	0700-1830	DAVENTRY
6190	0300-2030	LESOTHO	9750	1030-1615	DAVENTRY	17695	1615-1745	SKELTON
6195	0300-0915	DAVENTRY	9760	0900-1615	SKELTON	17705	0800-0915	RAMPISHAM
6195	0500-0730	RAMPISHAM	9915	2200-0430	DAVENTRY	17705	0915-1615	SKELTON
6195	0500-0730	SKELTON	9915	2200-0430	RAMPISHAM	17715	2100-2115	GREENVILLE
6195	0900-1615	KRANJI	11740	0300-0330	CYPRUS	17740	0600-0730	CYPRUS
6195	1100-1330	ANTIGUA	11750	0900-2200	KRANJI	17760	2000-2115	ANTIGUA
6195	1500-2300	DAVENTRY	11750	2200-0330	ASCENSION	17790	0600-0945	MASIRAH
6195	1700-2300	RAMPISHAM	11760	0300-1330	MASIRAH	17790	0700-1515	ASCENSION
6195	2100-0030	KRANJI	11775	1600-1745	SACKVILLE	17830	0600-0915	KRANJI
7105	0400-0430	ASCENSION	11850	1900-2300	CYPRUS	17830	2300-0030	HONG KONG
7120	0500-0730	RAMPISHAM	11940	0500-1700	LESOTHO	17860	1515-1745	ASCENSION
7120	0500-0730	SKELTON	11945	2125-0030	HONG KONG	17880	1400-2115	ASCENSION
7135	0030-0330	CYPRUS	11955	0030-0145	MASIRAH	17885	0400-1400	INDIAN OC.
7150	0600-0815	RAMPISHAM	11955	0230-0430	CYPRUS	17885	0630-0730	CYPRUS
7160	1645-2030	MASIRAH	11955	0600-0915	KRANJI	21470	0430-1615	CYPRUS
7180	0900-0930	HONG KONG	11955	2200-0030	KRANJI	21470	1615-1745	ASCENSION
7180	1300-1615	HONG KONG	12095	0400-2300	SKELTON	21660	0600-2115	ASCENSION
7180	2000-2130	HONG KONG	12095	0500-2300	DAVENTRY	21715	0300-0900	HONG KONG
7230	0500-0730	SKELTON	15070	0600-1745	RAMPISHAM	21715	0900-1030	KRANJI



USSR	Radio Moscow	Radio Kiev	Radio Tashkent	Radio Vilnius	Radio Yerevan
Radio Station Peace and Progress					
4485	0824	R. Petropavlovsk-Petropavlovsk (PWBR): RR: M tik, ment of Petropavlovsk (444 9/24 Findlater-CA)			
4760t	2130	RM (DS2): RR: western rockabilly mx, M tik in pres. RR, no ID heard (222 10/31 Thornton-NJ) (Possibly the 4765 Cuban relay off freq., but I kinda doubt it due to the SIO. -ed)			
4795	2200	RSP&P: EE: IS, ID by M, nx on Gulf, domestic nx (222 11/6 Cichorek-NJ) (322 11/6 Thornton-NJ) (Psychic! -ed)			
4940	2140	RK-Kiev (PWBR): RR: classical & opera mx, ID "Govorit Kyiv" (232 10/31 Thornton-NJ)			
4975	1815	R. Dushanbe-Dushanbe (PWBR): Tadzhiq?: M tik in unfamiliar lang., btw piano & lite class. mx, sub-continent mx, brief W tik (fr 11/2 Famularo-JP)			
5940	0640	R. Magadan-Magadan (ILG): RR: M/W tik (444 10/30 Owsley-CA)			
5945t	1310	RT: Hindi?: local string mx & operatic vocals, brief W anmt before different str came on (w/o IS or ID) 1330 (pr 10/15 Famularo-JP)			
7110u	1221	RM: JJ: W ID, soviet culture pgm (333 10/17 Matsushita-JP)			
7150	0600	RM: EE: IS, ID, W nx (444 10/31 Findlater-CA)			
7200	0800	R. Yakutsk-Yakutsk (ILG): RR: church bell on the hour, M/W tik, || 7210 (444 9/26 Findlater-CA)			
7240	2045	RM: EE: discussion abt russian criminal justice system (322 11/3 Thornton-NJ)			
7345	1538	RM: EE: pgm of children's songs, ID 1557 (333 11/6 Carson-OK)			
7370	1550	RM-Khabarovsk (PWBR): EE: "The Folk Box" pgm (343 10/14 Flynn-CA)			
7400	2315	RV: EE: "Listener's Letters" pgm, || 9750, 15180, 17690, 17720 (443 11/8 Colyard-NJ)			
9505	1750	RM: RR: IS, M tik, station unknown - believe this to be from Alma Ata, 1800*, s/on again 1830 w/ M/W tik, same station? (333 9/24 Findlater-CA) (Any ideas? -ed)			
9530	0203	RM: EE: nx items, cmtry on the Persian Gulf & Angola (444 10/19 Levison-PA)			
9560	0500	RM: RR: IS, M tik (333 10/20 Findlater-CA)			
9575	0618	RM (DS2)-Irkutsk (ILG): RR: RR pop mx & folk songs, W ancr btw selections, QRM (pr 10/27 Famularo-JP)			
9620	0630	RM-Irkutsk (ILG): RR: IS, ID, M w/ phone interview (444 10/28 Findlater-CA)			
9655	1800	RM: EE: ID, W nx, "News & Views" (555 9/30 Findlater-CA)			
9715	1205	RT-Tashkent (ILG): EE: nx, ID "you're listening to the news from Tashkent", || 17740 (353 10/16 Rocker-FL)			
9735	2100	RM-Armavir?: EE: nx, "News & Views", co-chan. QRM de AA str (Oman?) (333 10/13 Rocker-FL)			
9745	0320	RM: SS: ID, M/W tik (444 9/23 Findlater-CA)			
9750	0030	RK: EE: "Hello from Kiev" ID (433 11/9 Colyard-NJ)			
9760	2330	RV: EE: W/M wid nx (444 10/25 Langlois-FL)			
9765	2327	RV: EE: s/off w/ sked, address, phone # (444 10/16 Gaharan-LA) (Findlater-CA)			
9765	0500	RM: EE: ID, W nx (444 10/20 Findlater-CA)			
9780	0800	RM: RR: church bell, ID, W tik, || 11815 (555 9/25 Findlater-CA)			
9810	0615	RM: RR: M & boy in RR play (ID? -ed) (444 10/30 Owsley-CA) (Findlater-CA)			
9845	0900	RM: CC: IS, ID, M/W tik w/ mx Interludes (444 9/29 Findlater-CA)			
9855	1800	RM: EE: ID, W nx (333 9/26 Findlater-CA)			
11690	*1830	RM: RR: IS, M/W tik (555 9/23 Findlater-CA)			
11775	2300	RM: CC: IS, ID, M/W tik (444 10/3 Findlater-CA)			
11815	0757	RM-Khabarovsk (ILG): RR: IS, bells, M/W w/ telephone call in program, M/W more tik 0800 (555 9/24 Findlater-CA)			
11840	0815	RM: RR: M tik w/ short mx interludes, ment. Gorbachev & Yeltsin (444 9/28 Findlater-CA)			
11860	2300	RM: RR: IS, ID, M/W tik (333 10/17 Findlater-CA)			
11870	0900	RM-Khabarovsk (ILG): CC: W tik + classical mx (555 9/23 Findlater-CA)			
11880	2050	RM: SS: ID, M/W tik (444 10/1 Findlater-CA)			
11915	0700	RM: RR: IS, M tik (333 10/21 Findlater-CA)			
11920	0350	RM: SS: M tik, IS & ID 0400 (444 9/28 Findlater-CA)			
11930	2313	RM: EE: "Moscow Mailbag" (444 10/13 Carson-OK) (Findlater-CA)			
11960	2100	RM: SS: ID, M tik, || 11850 (222 10/20 Findlater-CA)			
11980	2201	RSP&P-Kharkov (ILG): EE: nx round up, cmtry, review of soviet press (344 10/19 Carson-OK) (333 10/19 Findlater-CA) (Psychic again! -ed)			
11995	1750	RM-Petropavlovsk (ILG): EE: ID, Baltic choral singers from soviet republics, 2000* (555 9/28 Findlater-CA)			
12010	2000	RM: EE: ID, W nx, "Update" (555 10/1 Findlater-CA)			

12030 0100 RM: RR: IS, ID, M nx (333 10/3 Findlater-CA)
12060 2340 RM-Vinnitsa (ILG): SS: ID, M/W tik, || 12070 (555 10/2 Findlater-CA)
13605 2040 RM-Petropavlovsk (ILG): EE: ID, "What's the Right Word" russian language lesson (555 9/30 Findlater-CA)
15125 0600 RM-Zhigulevsk (ILG): RR: IS, M/W tik, classical mx (333 9/21 Findlater-CA)
15145 2000 RM: EE: ID, M/W nx, cmtry on promoting private investment in USSR (555 10/26 Findlater-CA)
15155 0900 RM-Kazan (ILG): EE: wid nx, "News & Views" (444 10/28 Carson-OK)
15180 0431 RM: EE: "Vasily's Weekend", wid nx 0500 (444 10/14 Carson-OK)
15180 2215 RV-Komsomolsk (PWBR): EE: "Sports Roundup" (354 10/25 Flynn-CA)
15230 0310 RM-Moscow (ILG): EE: ID, M nx (333 9/24 Findlater-CA)
15285 2300 RM: EE: M w/ "Moscow Mailbag" (444 10/7 Langlois-FL)
15355 0045 RM: EE: IS, ID, W relating story of struggles of a russian doctor, 0100*, || 15290 (444 10/18 Findlater-CA)
15375 1915 RM: EE: ID, W interview w/ scientist on worldwide earthquakes (444 10/18 Findlater-CA)
15425 0510 RM-Petropavlovsk (ILG): EE: nx on immigration laws and change to market economy in USSR, "Outlook" (444 10/20 Scott-CA) (Findlater-CA)
15435 0400 RM: CC: IS, ID, M/W tik (444 10/27 Findlater-CA)
15470* 1930 RM: RR: continuous classical mx (555 10/1 Findlater-CA)
15500 0000 RM: CC: IS, ID, M tik (555 10/19 Findlater-CA)
15550 0430 RM-Zhigulevsk (ILG): EE: ID, M discussion of world radio stations (333 9/24 Findlater-CA)
15560 2020 RM-Chita (ILG): EE: ID, M tik on problems w/ Balkan republics (444 9/23 Findlater-CA)
15580 2030 RM-Petropavlovsk (ILG): EE: ID, W nx (444 10/25 Findlater-CA)
17570 0605 RM: EE: M tik on German reunification (333 10/30 Owsley-CA) (Findlater-CA)
17585 1750 RM: EE: feature on spanish banks in the USSR (444 10/26 Johnson-IL) (Fraser-MA)
17600 0230 RM-Dushanbe (ILG): EE: ID, W discussion of russian classical composers, mx samples of works, || 21585, 21690 (555 9/29 Findlater-CA)
17605 0100 RM-Petropavlovsk (ILG): EE: W tik on Gorbachev rpt of difficulties in USSR (444 11/3 Valentine-CA) (Rocker-FL) (Findlater-CA)
17620 0258 RM-Orenberg (ILG): EE: IS, ID, M nx 0300 (444 9/29 Findlater-CA)
17625 *0430 RM-Yerevan (ILG): EE: ID, M nx (444 9/24 Findlater-CA)
17650 0700 RM: FF: ID, M nx (444 10/4 Findlater-CA)
17665 2200 RK-Petropavlovsk (ILG): Ukrainian: IS, s/on ID into nx (333 10/16 Carson-OK) (Valentine-CA)
17690 2200 Yakut R.: RR: unfamiliar IS, ID "Govorit Yakutsk", into RR tik, very fluttery signal (253 10/11 Rocker-FL) (*This one isn't listed in any of my references. -ed*)
17700 0100 RM: EE: M ID, nx on meeting in Moscow (444 11/3 Valentine-CA)
17740 1210 RT-Tashkent (ILG): EE: ID, info abt listeners club, mx requests (333 10/28 Cichorek-NJ)
17840 0030 RM: EE: M tik on criticism of social and economic conditions (433 11/3 Valentine-CA) (Findlater-CA)
17850 0611 RM: EE: M w/ nx on soviet space pgm (444 10/30 Owsley-CA) (Findlater-CA)
17860 0105 RM-Chita (ILG): EE: wid nx, || 17890 (353 10/17 Rocker-FL) (Findlater-CA)
17890 0400 RM-Irkutsk (ILG): EE: ID, M nx (555 10/3 Findlater-CA)
21465 1800 RM-Yevpatoriya (ILG): AA: ID, M tik, 1900* (444 10/2 Findlater-CA)
21480 0150 RM: EE: ID, M update on Chernobyl disaster (444 9/24 Findlater-CA)
21515 0415 RM-Frunze (ILG): CC: IS, M tik + vocal mx, weak (222 10/2 Findlater-CA)
21585 0200 RM: EE: ID, M nx, || 21690, 17600 (555 9/29 Findlater-CA)
21615 0415 RM-Tashkent (ILG): RR: IS, M tik, very weak (222 10/2 Findlater-CA)
21740 1820 RM: EE: ID, M cmtry on German reunification (444 10/2 Findlater-CA)
21800 1250 RM-Yevpatoriya (ILG): EE: classical mx, ID 1259, into FF svc 1300 (343 10/13 Rocker-FL)
25720 1345 RM: EE: pgm of musical selections by Sergei Rachmaninov (121 11/1 Colyard-NJ)

Relays

Plovdiv, Bulgaria: 7115, 11790, 15290
Havana, Cuba: 4765, 9600

Schedules

Foreign Service Relays via USSR

R. Vientiane, Laos: 1100-1130 (FF): 11870, 15190

R. Afghanistan: 1800-2000 (GG, EE, FF): 6020, 7215 (9635 via Afghanistan)

R. Havana, Cuba: 2100-2300 (FF, EE): 7215, 11715

D90 SSR Frequency Sked to NA for Kiev, Vilnius, etc.
2300-0400: 7400, 9750, 9800, 15180, 17690, 17720
[AI Quaglieri via ANARC BBS]

As you can see from the sparse amount of site ID's, the new ILG has not arrived yet. If you haven't already done so, please fill out the SPEEDX membership poll found in the center of the November issue and return it to HQ. The survey will help determine the future direction of SPEEDX. Not much more time for chat, as I am already late finishing up this column due to my move. Thanks again for your support of this column and see you in 1991!
-Jason



AFRICA

Paul Wakefield Box 188

West Branch, IA 52358

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

It's great to get back to the radio after all this electioneering. I was fortunate to emerge unscathed this year- no screaming public arguments, no charges of voting fraud, no police raid on our election night party. If only the rest of my life went so smoothly!

And please don't forget to exercise YOUR franchise. If you haven't sent back your SPEEDX membership survey, please do so. Take a few minutes to tell us where you want SPEEDX to go in the future. Your responses will be used to decide the shape and emphasis of the club and bulletin in the coming years.

ANGOLA

9535 2210 RN de Angola (t): PP: M w/ment of Angola, pop mx incl John Lennon & Pink Floyd (322 10/14 Johnson-IL)

ASCENSION ISLAND

6005 0330 BBC: EE: ID "BBC African Service". then African nx-regional meeting in Zaire (322 10/24 Brewer-KS) (Welcome aboard, Don! ed.)

7105 0402 BBC: EE: Nx- GATT talks, EEC meeting (222 10/26 Brown-IL)

15260 0010 BBC: EE: Nx- Germany & Gorby (433 11/10 Reeves-OR) Iraq says it will hold Soviet citizens (444 10/12 Brown-IL)

BENIN

4870 2246 ORT du Benin: FF: Vocals, pop mx, Jackson Brown song in FF, 2258 ID, tik & NA to 2301* (333 11/2 Cichorek-NJ)

BOTSWANA

7255 0415 R. Botswana: EE: M w/cmty on "Botswana's Economic Picture" (433 10/24 Johnson-IL)

BURKINA FASO

4815 2348 RTV Burkina: FF: Mx by a group, M w/short closing into NA @0000 (322 10/20 Bishop-NY) Hilife, Afropops (333 10/20 Cichorek-NJ) @0600 NA, s/on by M in FF w/ment of "Burkina Faso" (333 10/14 Johnson-IL)

CAMEROON

4850 2047 CRIV: EE: Prg "Contact" w/M reading msgs to people- "bring a bucket", "Mr. X died yesterday", "bring passport, ID". (344 10/9 Willers-SWITZ) @2117 in FF brisk Afropops, fast talking M ancr (232 10/21 Cichorek-NJ)

CENTRAL AFRICAN REPUBLIC

5035 2139 RTV Centrafricaine: FF: Hilife mx w/M ancr (242 10/27 Johnson-IL)

CHAD

4904.5 *0430 RN Tchadienne: FF NA, s/on by M, hilife mx (333 10/30 Johnson-IL)

CONGO

3265 2321 RTV Congolaise (p): FF: Hilife mx w/M vocals, no ID heard, //4765 (222 10/23 Thornton-NJ)

4765 0400 RTV Congolaise: FF: Afropops, ID on the hour w/martial mx (322 10/21 Fischer-WI) [Welcome to the column, Greg!- ed.] @2102 African mx, opening of an interview prg (433 10/18 Bishop-NY) Two M tik w/musical bridges, ID, phone-ins (232 11/6 Cichorek-NJ) Afropops, lively DJ, echo effects (332 10/9 Willers-SWITZ) @2240 in VN M w/long tiks between songs, many ments "Congolaise"- hilife, jazz, LAM mx including "Vaya con Dios" (322 10/14 Johnson-IL)

EGYPT

- 9475 0304 R. Cairo: AA: W w/Middle Eastern mx (444 10/31 Owsley-CA)
[Welcome aboard!- ed.] @0211 in EE Arabic mx, ID, nx,
comments on the Gulf crisis (222 10/24 Brown-IL)
- 9675 0300 R. Cairo: EE: AA mx w/descriptions (322 11/2 Brown-IL)
- 9900 2153 R. Cairo: EE: W w/story about Egyptian artist, ID- anyone
else notice a signal improvement? (433 10/17 Cichorek-NJ)
AA mx, ID, nx- Kuwaiti minister calls for move on Kuwait
(333 10/27 Brown-IL) Nx about Kuwait & Iraq, Egyptian
press review (455 6/10 Willers-SWITZ)
- 15220 2347 R. Cairo: AA: W w/tlk & Middle Eastern mx (333 10/23
Owsley-CA)
- 17595 1217 R. Cairo: EE: Qu'ran w/EE explanation, ID, nx by M & W (343
10/30 Matsushita-JP)

EQUATORIAL GUINEA

- 4926 1939 RN de Guinea Ecuatorial (Bata): SS: Afropops, M tlk w/ments
of Bata & Malabo, ID "R. Nacional" //5003.5 (343 10/9
Willers-SWITZ)
- 5003.8 2136 RN de Guinea Ecuatorial (Bata): SS: Afropops, M ID, nx,
many ments "R. Nacional" (333 10/29 Cichorek-NJ) @2200
Very long NA at s/off (232 10/14 Johnson-IL)
- 6248 0408 RN de Guinea Ecuatorial (Malabo): M & W in alternating gab
fest, nx (243 10/25 Abbinante-IL)
- 7188.5 2150 R. Africa: EE: Rlg prg, "What a Friend We Have in Jesus"
(323 10/27 Johnson-IL)

GABON

- 11835 2315 R. Japan: EE: Tlk about traditional haiku contest (433
10/23 Gaharan-LA)
- 15475 1930 ANO: FF/EE: Afropops, ID- noise level extremely high,
complete fadeout by 1956 (433 10/29 Gibson-AR) M w/nx in
FF, W w/nx in EE, mx (343 11/2 Johnson-IL) Hyper DJ
w/African mx (333 10/1 Findlater-CA)
- 21700 1758 R. Japan: Ee: Rpt on life in Japan, ID (333 10/19 Brown-IL)

GHANA

- 4915 2113 GBC-1: VN: Tribal chanting w/drumming, M tlk between
selections, KO'd by Guangxi PBS s/on @2130 (fr-unu 11/3
Famularo-JP) @0543 in EE IS, chimes & drums into M ID,
African chant mx (322 10/30 Owsley-CA) W w/Ghanian nx (333
11/5 Johnson-IL)

KENYA

- 4935 0200 KBC: EE: W w/ID "This is the KBC- the Kenya Broadcasting
Corp in Nairobi", M choral mx, nx @0215 (232 10/14
Bagozzi-CA) [Thanks for joining us, Steve!- ed.] Flute mx,
ID, "This is Nairobi", NA- heavy static (222 10/24
Brown-IL) Prg of lively African vocals w/M ancr, some
western pops (353 10/15 D'Angelo-PA) Local mx, prg about
the Bible, TC & new ID "This is KBC, Nairobi" (353 10/8
Willers-SWITZ)

LESOTHO

- 4800 0335 LNBS: Sesotho: Rock mx, address given in EE (333 10/24
Fischer-WI)
- 11940 0435 BBC: EE: African service- nx (333 10/31 Fischer-WI)

LIBERIA

- 6035 0407 VOA: EE: Budget package, US deficit for 1990 is \$220
billion, ID, VOA Saturday Morning (444 10/26 Brown-IL)
- 15445 2350 VOA: EE: Report on Quincy Jones, ID (433 10/26 Brown-IL)
- 21485 1630 VOA: EE: Tlk about Puerto Rico, mx, many ID's (333 10/25
Gibson-AR)

LIBYA

- 15415 1905 R. Jamahiriya: AA: Boisterous M tlk w/crowd applause
[probably the Big M himself- ed.] some QRM from VOA on
15410 (322 10/27 Abbinante-IL)

MADAGASCAR

15560 1854 RN: EE: Tlk about hostages (322 11/9 Reeves-OR) "Airtime. Africa" on how the collapse of a Somalian bank would affect Somalia's economy- local QRM (232 11/2 Park-HI)

MALI

4782.8 2150 RTV du Mali: FF: Tribal style mx accompanied by xylophone (222 11/1 Thornton-NJ) Two W tlk (221 10/18 Bishop-NY)
 4835 2237 RTV du Mali: FF: Tik by M. W w/EE vocal, ann w/intro to lively instl mx (333 10/20 Cichorek-NJ) @*0557 IS played on local guitar, NA, W w/"Ici Bamako. Radiodiffusion- Television du Mali", freqs, nx (343 10/15 Willers-SWITZ)
 5995 0640 RTV du Mali: FF/VN: School children singing w/M comments between songs (333 10/24 Findlater-CA)
 7285 0630 RTV du Mali: FF: ID, M & W tlk (333 10/21 Findlater-CA)
 11715 0312 RB: EE: Nx about China- fish farming, cmtry on conference in Uruguay (433 10/24 Brown-IL)
 15100 0013 RB: EE: Comments on earthquakes, welfare, disabled people (444 10/23 Levison-PA) Product quality of Chinese exports (555 10/31 Owsley-CA) China to export 8000 small tractors to USSR (444 10/26 Brown-IL)
 17705 0025 RB: EE: "Current Affairs"- new laws to protect the rights of the disabled (454 10/16 Fraser-MA) Students in cooking school (444 10/9 Levison-PA)

MAURITANIA

4845 0710 ORTM: AA: Guitar mx, vocals, M w/long tlk, ID @0759 (343 11/5 Cichorek-NJ) *0630 w/guitar IS, ID, continuous chanting (333 10/21 Findlater-CA) Qu'ran recitations (444 10/14 Johnson-IL) @2319 two M tlk (322 10/11 Bishop-NY)

MOROCCO

6095 0610 VOA: EE: Items on US election- "polls open in Guam at this time" [what, no exit poll predictions?- ed.] (322 11/6 Johnson-IL)
 9575 0750 R. Mediterranee Intl: AA: M tlk, Aa mx, Santana, lite jazz fusion (pr-fr 10/6 Famularo-JP)
 15335 1920 RTV Marocaine: AA: M tlk w/AA mx, what sounded like a nx prg (232 10/27 Abbinante-IL)

NIGERIA

4770 2107 R. Nigeria (Kaduna): EE: Nx read by W (322 10/18 Bishop-NY) ID, brief vocals, recording played off-speed or warped [or else it was Klaus Floride- ed.] (232 11/6 Cichorek-NJ) EE ID, then to "Islamic Morning Prayers" in AA (333 10/19 Findlater-CA)
 7255 0450 VON: EE: Prg "Morning Flight" (333 10/8 Ashabraner-TX) [thanks for joining in!- ed.] Talk about Nigeria (323 11/10 Willers-SWITZ) "Educational Perspectives" (222 10/17 Thornton-NJ) Middle East crisis (544 10/20 Owsley-CA) Description of prgs (454 10/14 Johnson-IL) "African Safari" (333 11/2 Brown-IL)

RWANDA

17860 1920 DW: GG: ID, nx @2000 (444 10/30 Findlater-CA)

ST. HELENA

11092.5 2000 R. St. Helena: EE: Relay of MW service for Nordic DX Championship- BBC nx, "Anything Goes", ID, telephone interview w/Swedish organizer, 2100* (252 10/6 D'Angelo-PA) Mx from Desmond Decker, ABBA (151 6/10 Willers-SWITZ)

SEYCHELLES

9590 1503 FEBA: EE: "Network" prg opening w/world & S Asian nx by "brand new newsmen", disco mx by Romy & Jan, //15330 (unID underneath) (323 10/10 Park-HI)

SOUTH AFRICA

3215 1650 R. Oranje: AK/EE: Soft mx in AK, M tlk in AK & EE (333 10/14 Willers-SWITZ)

3320 0230 R. Orion: AK/EE: Tlk, EZL mx (333 10/11 Karcheski-MA) @2318
 Rod Stewart mx, local TC, ID as "Radio 5", suddenly into
 AK (222 10/9 Thornton-NJ) [it appears the reports of Radio
 5's exit from shortwave were premature- thanks for the
 update, Don- ed.]

4810 0320 R. Orion/R. Suid-Africa: AK: Harmonica easy listening mx
 (343 10/25 Fischer-WI) Pips, M w/ID at s/on, into polka mx
 (323 11/5 Johnson-IL)

7270 0355 R. RSA: EE: IS, ID, time signal, then heavy QRM from ARO
 (322 10/26 Brown-IL) Two M discuss DeKlerk process, 0455*
 (333 10/24 Findlater-CA)

11900 0400 R. RSA: EE: ID, freqs, nx- new constitution is discussed
 (222 11/2 Brown-IL) "Good Morning Africa" (333 10/16
 Fischer-WI) W w/nx (444 10/28 Findlater-CA)

11940 0437 R. RSA: EE: "Network Africa"- interview about University,
 African & jazz mx (333 10/29 Brown-IL)

17745 0355 R. RSA: FF: "You are tuned to the FF service of R. RSA",
 pips, nx (444 11/2 Carson-OK) @1800 s/on, speech by M,
 African mx (343 10/14 Fraser-MA)

17790 1710 R. RSA: EE: ID, "Africa South", tlk on general elections,
 excerpt from DeKlerk speech (322 11/6 Cichorek-NJ)

SWAZILAND

3200 1709 TWR: EE: Rlg mx, tlk, address in Manzini, hard to hear (322
 10/14 Willers-SWITZ)

11755 0430 TWR: EE: IS & s/on, Christian mx, prg "Our Daily Bread"-
 QRM de Cuba on 17760 (222 10/12 Carson-OK)

TANZANIA

11734 1720 RT (Zanzibar): SH: Clear RTZ ID by M, IS on xylophone
 before & after (152 10/5 Flynn-CA)

TOGO

5046.5 *0525 RTV Toqolaise: FF: Chime IS for five minutes, NA, M tlk,
 soft mx, ID (332 10/15 Willers-SWITZ) @2207 M w/tlk- under
 test tone QRM (322 10/31 Johnson-IL)

TUNISIA

7475 0558 RTV Tunisienne: AA: Pips on hour, M w/ID then W w/nx
 headlines between loud bursts of very short mx (433 11/6
 Johnson-IL)

UGANDA

4976 1938 R. Uganda: EE: Tlk about the government in Uganda, best in
 LSB (343 10/14 Willers-SWITZ) Faint Afro rhythms & drums,
 EE pops, @2058 M w/rig msg, brief NA, 2100* (131 11/5
 Cichorek-NJ)

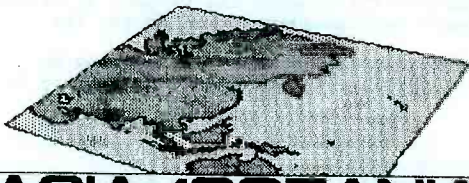
ZAMBIA

4910 0245 R. Zambia: VN: Fish eagle call IS to 0249, then NA sang by
 choir, later heard anmt by W, then song "Amazing Grace"
 (242 10/10 Johnson-IL)

CLANDESTINE

11710 *1300 R. SPLA: EE: Machine gun fire IS, M w/ID "This is R. SPLA,
 the Voice of the Sudanese Revolution", usual talk to
 "comrades in arms" w/vocal selections at 1307 & 1318 to
 break the monotony (232 10/13 D'Angelo-PA)

DX news: Liberia: The Federal Radio Corporation, in a joint operation
 with Ghana, Sierra Leone, Gambia, and Guinea, plan to operate a new
 station, Radio Liberty Monrovia. Broadcasts are to be on SW, with a
 tentative start date of October 27. Programming is to be in EE, FF, and
 local languages for twelve hours daily. (PANA News Agency, via BBC
 Monitoring) [No freq. was given, and my checks of ELBC & ELWA freqs have so
 far turned up nothing. Can anyone crack this one?]. Lesotho: The EE
 schedule for the BBC relay is as follows: on 3255- 0300-0330, 0400-0430,
 1745-1830, 1900-2030. On 6190- 0815-1700, 1745-1830, 1900-2030. On 11940-
 0500-0630, 0700-1700.



ASIA/OCEANIA

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

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

There's been a good turnout for this December column, the last of the year, both in loggings and in station/skcd info. To make as much room for it as possible, I'll leave my snarky comments until later.

- AUSTRALIA VLQ Brisbane Radio Australia VLW Wanneroo
- 2310 1150 VL8A ALICE SPRINGS: ??: Pop mx w/W ancr in what seemed abo-
riginal dialect--but EE ID was hrd; //2325 (343 10/22
Johnson-IL)
- 2325 1004 VL8T TENNANT CREEK: EE: Country/western mx w/M ancr; @ 1010
TC and "ABC" ID; first time hrd after many tries! (222
10/23 Cichorek-NJ)
- 9660 1052 VLQ9: EE: Tlk abt Australian industry (222 10/29 Cichorek-
NJ) @ 1200 w/ID/TC for 10:00/ABC nx (343 10/16 Rocker-FL)
@ 0936 w/comedy show abt Australian Nerd Society (333
10/28 Carson-OK)
- 9860nf? 1349 RA: EE: Messages to families/servicemen in the Gulf (333
11/16 Harvey-PQ) (This frq's new to me, too.-ed.)
- 15425 0622 VLW15: EE: W tlk on changes in Soviet Union (333 10/20
Owsley-CA) (Welcome to the column!-ed.)

Rounding up the more usual RA suspects, we have (all in EE): 9580 by Brewer-KS, Carson-OK, Fraser-MA, Neff-FL; 13605 by Rocker-FL; 15160 by Carson-OK, Langlois-FL, Owsley-CA; 15240 and 15320 by Owsley-CA; 17795 by Levison-PA, Owsley-CA.

Yukimasa Matsushita-JP also reports a new address for RA: P.O. Box 755, Glen Waverley, Vic. 3150. Thanks for the info!

- BANGLADESH Radio Bangladesh
- 15195 *1230 RB: EE: S/on anmt; nx; "Panorama" (343 10/15 Seymour-NC) @
same time w/similar px (343 10/22 Johnson-IL)
- 15255 1835 RB: EE: W reading listeners' letters--gave address as P.O.
Box 2204, Dhaka (433 10/4 Willers-SW)

- CHINA Central People's Bcst Stn Radio Beijing
- 4760 1210 YUNNAN PBS: CC: W read extended text; then M w/much the
same sort of thing (242 10/22 Johnson-IL)
- 4840 2115 HEILONGJIANG PBS: CC/JJ: JJ lesson; W ID @ 2129 (444 10/29
Matsushita-JP)
- 4875 1159 (t)VO JINLING: CC: M tlk; @ 1200 TP/(p)ID; then continued
tlk (nx?) (222 10/20 Cichorek-NJ)
- 4975 1128 FUJIAN PBS: CC: Traditional CC mx; extended M tlk (343
10/12 Johnson-IL)
- 6027nf 1229 NEI MENGGU PBS: MONGOLIAN: ID; NA; alternate M/W comments; mx;
1300*; QRM de RTM Kajang-6025 (433 10/17 Matsushita-JP)
- 7375 *2000 RB: ??: IS/CC ID; then into unid lang (222 11/18 Harvey-PQ)
(The 1990 WRTH listed Polish for this bcst.-ed.)
- 7470 1604 RB: HR: W tlk; 1990 PWER says via Xi'an (143 10/14 Flynn-CA)
- 11590 1106 (E)VO THE STRAIT: CC: W/M tlk; no // hrd (232 10/24 Cichorek)
- 11600 *1300 RB: EE: World/CC nx; fluttery sig (343 10/21 Ganaran-LA)
- 12450 0020 RB: SS: W/M tlk (333 10/28 Findlater-CA)
- 15100 0007 RB: EE: Nx of Irish President (444 11/10 Reeves-OR) @ 0005
w/rpt on Asian Games (433 10/1 Langlois-FL) @ 0030 w/px
"Current Affairs" (433 10/22 Flynn-CA) (I'd always thought
this frq was used only via Mali, but Bill Flynn got a QSL
from RB listing the site as Baoding!-ed.)

(More....)

CHINA continued...

15330 *0000 RB: SS: IS; ID; M tlc; //12015 (333 10/27 Findlater-CA)

GUAM

KTWR KSDA

11805 0900 KTWR: EE: ID; "Letters from You" (322 10/26 Brown-IL)
15200 0801 KTWR: EE: ID "This is the Voice of Trans World Radio Pacific,
KTWR Agana" (343 10/21 Johnson-IL)
15610 2315 KSDA: EE: Sodom and Gomorrah story (333 10/15 Gaharan-LA)

INDIA

All India Radio

7412 2105 AIR: EE: W cmty; px info; lcl mx (333 10/11 Karcheski-MA) @
1600 w/M tlc in unID lang (131 10/14 Flynn-CA)
11770nf 1230 AIR: EE: TS; M ID and nx to 1235; this is HS px (433 10/15
Matsushita-JP)
11880 2333 AIR: HINDI: Trad Indian mx/songs; M tlc (fr 10/25 Famularo-JP)
15185 1930 AIR: AA: 15 mins continuous chanting; M tlc; no ID but ments
Delhi/Bombay; 1950* (333 10/26 Findlater-CA) @ 1748 w/
gorgeous sitar mx; preachy tlc 1753-1808; then EE ID/
address (353 11/14 Janusz-NJ)
15210 1636 AIR: HINDI: M presents subcont songs; ID @ 1644; co-channel
QRM de R. Japan in Hindi! (343 10/15 Matsushita-JP) (Yuki-
masa noted 11830//15210 for AIR.-ed.)
15250 1133 AIR: HINDI/EE: W Hindi nx; @ 1135 M EE ID/nx (pr-fr 11/1
Famularo-JP)
17387 1157 AIR: (1)TAMIL: Px of W subcontinent vcls w/w ancr; no ID @
Top of hour (323 11/2 Cichorek-NJ)

INDONESIA

Radio Republik Indonesia

4002.9 2231 (p)RRI PADANG: IN: M/W tlc under ute QRM; gone by 2300
(222 10/22 Cichorek-NJ)
4874.6 1238 (t)RRI SORONG: IN: EZL mx/soft pops; M ancr w/brief comment;
anthem and off 1253* (232 10/7 Johnson-IL)

IRAN

Voice of the Islamic Republic of Iran

9022 1950 VOIRI: EE: Tlc abt Iran-USSR passenger train links (222
10/17 Thornton-NJ) (Also logged here in EE by Cichorek-NJ,
Willers-SW)
11895 2008 VOIRI: EE: Nx abt Gulf crisis; s/off w/ID; heavily jammed
(322 10/10 Neff-FL) @ 1900 w/FF px to 1930 s/on of EE px
(444 10/22 Findlater-CA) (It's nice to see them finally
using a frq higher than 9022 for this xmsn!-ed.)
15084 0321 VOIRI: FARSI: W nx w/ments US/Iraq (333 10/31 Owsley-CA) @
1956 w/Persian sitar mx (454 10/13 Johnson-IL)

IRAQ

Radio Baghdad

13660 2205 RB: EE: ID; Phil Collins song; mailbag show (343 10/21
Abbinante-IL) @ 2135 w/AA mx; ID and EE pop song (332
10/14 Brown-IL) @ 1915 w/ID/Mideast mx (343 10/10 Neff-FL)
15400 1850 RB: AA: Iraqi mx w/male chorus, very long! (444 11/9
Reeves-OR)

ISRAEL Kol Israel was logged as follows: 7465nf in EE by ed.; 9435 in EE
by Brown-IL, Carson-OK, Findlater-CA, and in YIDDISH by Owsley-CA; 11580 in
EE by Willers-SW; 11605 in EE by Bishop-NY, Gibson-AR, Langlois-FL; 15095
in ?? by Flynn-CA; 15640 in EE by Fraser-MA. For this current winter
season, until 3/17/91, the most commonly used frqs for EE bcsts will be
7465, 9435, 11605 kHz--in use at 2000, 2230, 0000, 0100, 0200, 0500 UTC-ed.

JAPAN

Nihon SW Bosting RFI relay Radio Japan

9595 1445 (t)NSB: JJ/EE: Some kind of lang lesson; mx near end of hour;
then M long tlc (nx?) (243 10/23 Johnson-IL)
11715nf 1027 RFI: CC: W ID; M/W nx headlines; W closing anmt w/mx; @ 1029
FF/CC ID/frqs (444 11/4 Matsushita-JP)
11865 1425 RJ: EE: Nx of Gulf and criticism of Japan's role in Gulf
crisis (233 10/27 Abbinante-IL) @ 1505 w/nx/financial nx
(554 10/24 Gibson-AR) @ 1514 w/full ID (333 10/23 Johnson-
IL) @ 1900 w/M ID/nx (555 10/18 Findlater-CA)
15195 0525 RJ: EE: Interview w/Scottish soccer coach; ID @ 0530 (343
10/27 Brewer-KS) @ 0611 in JJ w/w world nx (444 10/20
Owsley-CA)
17710 1500 RFI: VV: VV service theme mx; W ID; special px on Gorbachev
receiving the Nobel Prize (454 10/16 Matsushita-JP)

JAPAN continued...

17825 0550 RJ: EE: M tlk abt children's toys (555 10/30 Owsley-CA) @
0300 w/TP/TC for noon Japan time/nx (353 10/31 Rooker-FL)
21610 2337 RJ: EE: "Radio Japan Magazine" (222 10/23 Thornton-NJ)

JORDAN

Radio Jordan

9560 2150 RJ: AA: Continuous AA vocals to 2200, when into nx (444
10/27 Abbinante-IL) @ 1530 in EE w/mx request show; ID
(544 10/28 Willers-SW)

KOREA, D. P. R.

Radio Pyongyang

4780 1220 RP: (p)KK: Opera mx w/M ancr; //7200 was SIO 222 (242
10/22 Johnson-IL)
9345 1712 RP: KK: M/W tlk on North-South tlks ("Dad says RP sounds
angry because of their accent, but today RP was nice to
South Korea") (434 10/19 Park-HI)
11335nf 1146 RP: EE: Closing routine w/frq sked; anthem; 1148* (444 11/14
ed.) @ *2300 in SS w/sign-on routine (444 11/18 Harvey-PQ)
11845 1815 RP: AA: ID; ...1850*: //9220 (333 10/4 Findlater-CA)
15115 0008 RP: EE: Tlk abt Workers' Party of Korea (555 11/10 Reeves-OR)
(RP recently made a bunch of frq changes--see this month's "DX Montage" for
some of them.-ed.)

KOREA, REPUBLIC OF

Radio Korea

5975 1616 RK: EE: Cmty on North-South dialogue; "Let's Sing Together"
(333 10/19 Park-HI)
7275 0956 RK: JJ/KK: End of JJ px; @ 1000 into KK w/nx; //5975 (534
10/11 Park-HI)
9750 1400 RK: EE: Nx; cmty; "Seoul Calling" (333 10/15 Carson-OK) @
1254 w/ID; "Shortwave Feedback" (343 11/4 Cichorek-NJ) @
1258 w/px on Korean university students in California
(333 10/24 Abbinante-IL)
13670 0802 RK: EE: Nx; cmty; "Let's Sing Together" (232 10/19 Park-HI)
15575 0001 RK: EE: S/on w/frqs and into nx (332 10/22 Neff-FL) @ 0041
w/"Shortwave Feedback"; RN/SRI QRM (321 10/8 Bishop-NY) @
0013 w/nx (333 11/10 Reeves-OR)

KUWAIT

Radio Baghdad relay

13620 0315 RB: AA: Funereal mx; then fell-sounding M ancr (333 10/15
Fischer-WI)
21675 2200 (p)RB: AA: Continuous chanting; no ID but presumed them acct
frq (333 10/18 Findlater-CA) (Probably, John; I don't think
that Dubai uses the frq this late.-ed.)

MARIANA ISLANDS

KHBI KFBS

9530 1140 KHBI: EE: "Letterbox" px (433 10/24 Gaharan-LA)
11650 1359 KFBS: RR: ID anmt w/sked/address; 1400* (333 11/16 Harvey-PQ)
11705nf *1125 KFBS: MONGOLIAN: IS; M ID in EE; M sermon in Mongolian;
into RR @ 1145 (544 10/29 Matsushita-JP)
13625 2035 KHBI: EE: Feature px abt National Geographic (444 10/9
Levison-PA) @ 1425 w/cmy on US elections; nx @ 1430 (333
11/6 Carson-OK)
15610 1600 KHBI: EE: ID; nx (232 11/7 Russell-MI)

NEW ZEALAND

Radio New Zealand International

15485 1800 RNZI: EE: ID; M nx; px of pop mx (333 10/19 Findlater-CA)
17675 0445 RNZI: EE: Tlk abt rugby in NZ and especially in Auckland ("My
kids thought he said 'Oakland' and got all excited.") (434
10/21 Scott-CA) @ 2220 w/W DJ chatting w/guests and playing
flute mx (242 10/11 Rooker-FL) @ 0558 w/px on birthdays; nx
@ 0600 (555 10/30 Owsley-CA) @ 0301 w/nx and wx (444 10/23
Brown-IL)

(Paul Stringer, down in Christchurch, reminds us that ZLXA, Print-Disabled
Radio from Levin, is on the air 0630-1030 UTC on 3935 kHz, with only 1 kW.
It'll be a tough catch up here in NAM, I'm sure.)

PAKISTAN

Radio Pakistan

15115 0228 RP: EE: Test tone to 0230; M ID/frq anmt; then nx; weak--
fading in/out (231 10/11 Johnson-IL)
15605 1715 RP: URDU?: W (p)nx/cmy w/exerpts from M speech; //11570
(232 11/6 Cichorek-NJ)

PAPUA NEW GUINEA

3205 1122 R. SANDAUN: PD/EE: M PD/EE tlks; some lcl mx; M EE ID/frq anmt prior to W nx; fade-out 1140 (252 10/17 D'Angelo-PA)
 3220 1113 R. MOROBE: PD: Px of lcl vcls w/M host; @ 1129 W/M ID; then back to mx; fade-out 1134 (252 10/1 D'Angelo-PA)
 3260 1100 R. MADANG: PD/EE: M ID; then EE nx featuring items abt Bougainville Island (252 10/4 D'Angelo-PA)
 3290 1050 R. CENTRAL: EE/PD: Lcl vcls till 1100; 4 TP; EE ID/nx; @ 1106-1112 PD nx; then back to mx (252 10/23 D'Angelo-PA)
 3315 1123 R. MANUS: EE: 2 M nx discussion; @ 1129 mx bridge and ID; then lcl male group vcls (353 10/25 D'Angelo-PA)

PHILIPPINES Radio Veritas Asia VOA relay Far East Bcst Corp

9555 1255 RVA: EE/KK: EE ID in bridge until KK px started @ 1300 (444 10/7 Johnson-IL) @ 1236 in KAREN w/long M/w tlk; @ 1255 EE ID's/mx to KK @ 1300 (232 11/3 Cichorek-NJ) @ 1324 w/EE ID/anmt that px starting @ 1330 would be in Hindi (322 11/19 Harvey-PQ)
 11870 2104 VOA: EE: World nx w/ID during (222 11/5 Cichorek-NJ)
 15215nf 2306 RVA: JJ: Px "Asia Memorandum"; ID @ 2312; then Tagalog lesson; 15215 is ex-17840 (454 10/22 Matsushita-JP)
 15490nf 0021 FEBC: EE: W TC/frq anmt (ment 15480 instead of this)/ address: "Pacific Sunrise" px; co-chan QRM de RM USB feeder (343 11/5 Matsushita-JP) (Yukimasa notes that 15480 now has RM in CC de *0030.-ed.)

SAUDI ARABIA Best Service of the Kingdom of Saudi Arabia

4859 1745 BKSAs: AA: AA mx; tlk now and then; no //s hrd (332 10/29 Willers-SW)
 15060 0355 BKSAs: AA: Open carrier into anthem; M ID @ 0400; Qur'an @ 0402 (344 10/25 Abbinante-IL) @ 0455 w/AA M tlks w/occ AA mx (323 10/20 Owsley-CA) (Gee, the last I knew, the bcst at this time on this frq was in Turkish, not AA.-ed.)

SINGAPORE Singapore Best Corp

5052 1116 SBC: EE: 2 M discussing the US/London versions of the musical play "1776" w/mx exerpts (322 10/21 Cichorek-NJ)

SOLOMON ISLANDS Solomon Islands Best Corp

5020 0830 SIBC: EE: Group discussion of island problems; then lcl mx; some in vernacular (222 10/3 Findlater-CA)

SRI LANKA Sri Lanka Best Corp VOA relay

11800 1940 SIBC: EE: Nx abt Sri Lanka; ID; QSB plus QRM de unid stn; nothing hrd on 15120 (332 10/11 Willers-SW)
 15250 0115 VOA: EE: Rpts on Israel/Gulf crisis/German elections (333 10/15 Brown-IL)

SYRIA Radio Damascus

12085 2007 RD: EE: M px line-up; w/M nx (444 10/9 Willers-SW) @ 2201 w/nx of meeting of Syrian-USSR Foreign Ministers (333 10/27 Brown-IL)
 15095 1845 RD: ??: Non-stop Syrian mx; good/excellent signal (454 11/9 Reeves-OR) @ 1950 in FF w/ID; then chanting w/intermittent W tlk (333 10/29 Findlater-CA) @ 2030 in EE w/tlk on US heart research (242 10/10 Neff-FL) @ 2200 w/Mideast vcls (333 10/26 Abbinante-IL)

TAIWAN Voice of Asia Best Corp of China

7445 1602 VOA: CC: Tlks by alternating M/W; severe RTTY QRM (121 10/14 Flynn-CA)
 15125 1630 BCC: CC: Px of EZL mx (333 10/15 Fischer-WI)

TURKEY Voice of Turkey

9445 0430 VOT: EE: Px "The Middle East and Turkey" (333 10/25 Fischer-WI) @ 2308 w/nx of Turkish President's tour of Gulf area (444 10/22 Gaharan-LA) @ 2312 w/"Tour of Turkey"; tlk abt Turkish glassware (333 10/21 Brown-IL) @ 2325 w/tlk on Turkish arts--glass (333 10/21 Neff-FL) (Finally--this month's psychic DX'ers!-ed.)

UNITED ARAB EMIRATESUAE Radio DubaiVO UAE Abu Dhabi

11945 0330 RD: EE: Nx of death of Leonard Bernstein (222 10/15 Fischer-WI)
 13605 2247 VOUAE: AA: AA mx w/M vcls; occ M tlks (322 10/27 Abbinante-IL)
 13675 0335 RD: EE: W world nx; Dubai wx; feature px "Beautiful Arabia"
 (343 10/25 Abbinante-IL) @ 1658 in AA w/vcl mx; TP for 1700
 and into nx (343 11/6 Cichorek-NJ)
 15300 0512 RD: AA: Long M chanting (243 10/23 Owsley-CA)
 15400 0332 RD: EE: Nx: px "Beautiful Arabia" (434 10/31 Carson-OK)
 21605 1615 RD: EE: Classical mx (433 10/23 Johnson-IL) (The infamous
 Dubai fill mx, eh?-ed.) @ 1328 w/ID anmt; nx @ 1330 (434
 10/24 Carson-OK)

VIETNAMVoice of Vietnam

9839.7 1718 VOV: EE: Cmty on Vietnam-Japan relations; tourist px; ID
 (444 10/29 Willers-SW) on 9839.8 @ 2110 in PF w/nice px
 of VV w vocals (322 11/4 Thornton-NJ)
 12020nf 1412 VOV: JJ: M ID; folk songs from Ha Bac; this frq replaces
 15010; //9840 (444 10/16 Matsushita-JP)
 15009.3 1550 VOV: ???: Oriental inst mx; M anc'r s/off @ 1556* (222 10/14
 Fischer-WI)

First of all, I'd like to remind our US members of the offer made a few months ago by one of our Japanese members, Tsunaaki Ashimori, to remain reception reports to Radio Pyongyang. Only one of our members has taken him up on his offer so far--but the success rate to date is 100%! If you'd like to try it, simply send your report to Mr. Ashimori, together with 2 IRC's or US\$1 for each mailing for postage, to the following address:

Tsunaaki Ashimori
 11-14 Kawazoe-cho
 Nishinomiya city, HYOGO
 662 JAPAN

By the way, some of my musings about QSL'ing Pyongyang should be in next month's "DX Montage," if John has room to fit them in.

Bruce MacGibbon-OR, who somehow manages to do more monitoring than any three other DX'ers you can name, has been noticing, since late October, a great number of changes in the SW skeds for the CPBS-1 and CPBS-2 outlets. Some longtime frequencies have been dropped; some have remained, and new frequencies have been introduced. The whole thing seems still to be in a state of flux, but for now, we should all remember to be triply careful in trying to ID CPBS frequencies, particularly when referring to lists and reference works printed before these changes, such as the 1991 PWER. A word to the wise!!

Speaking of ID'ing, I've got the feeling that some people have perhaps been relying a bit too much on the reference books and station lists to ID some of the really rare stations. Lists and such are very helpful, of course, but stations do move around and change skeds, and thus no reference stays correct for too long. They can help you come up with an ID, but they can't do the ID'ing for you. If you can't positively ID a station--and it's impossible to positively ID every single thing you hear--then you really should mark your logging (p) (i.e. presumed) or (t) (i.e. tentative), depending on the amount of evidence you have to back up your choice. Some people are quite conscientious about doing this, but I wish everyone were; it would help us all.

Yukimasa Matsushita has some information about A/O relays of Radio France Internationale. He notes that their EE bcst to South and Southeast Asia has been lengthened, and now runs 1400-1455 UTC (ex-1400-1430); the frequencies are 4130 kHz (via Beijing), 11910 kHz (via X1'an) and 21770 kHz (via France). Yukimasa also reports that the relay via a Radio Japan xmtr at Yamata of RFI's VV px changed frequency as of 11/4; it's now on 15215 kHz, replacing 17710. (The frequencies for the 1500-1600 VV bcst are unchanged--8425 kHz via Beijing and 1296 kHz MW via Kunming.)

There's just enough space left to remind you to send your completed SPEEDX Questionnaire to Woody Seymour, if you haven't done so by now. It's a simple and easy opportunity for you to provide valuable feedback on ways in which we can improve the magazine and the club. For those of you who have already answered, my best 73's and/or 88's!

See you next year, eh?

QSL REPORT



Ray Forsgren 4856 Inlet Drive Chippewa Falls, WI 54729

AFRICA

- ANGOLA EP do Cuando-Cubango: 5223 f/d cd in 53 ds. V/S Mateus Goncalves, Dir. (Camporini-AG)...Excellent!!
- EGYPT R Cairo: 9475 f/d Mosque cd w/ stickers & sked in 32 ds. V/S Rita. (Robinson-TN).
- EQUATORIAL GUINEA R Africa: 7189 n/d from ltr in 44 ds for rpt on Voice of Faith B'cast. V/S Rev. J.W. Ponds. (D'Angelo-PA).
- GHANA GBC: 3366 f/d Golden Jubilee cd in 66 ds for ms. V/S E. Rewgath. (Humenyk-ON).
- NIGER ORTN: 5020 f/d Logo cd w/ sked in 210 ds V/S Yacouba Alwali (Bagozzi-CA).

CHINA

- CHINA R Beijing: 15100 f/d Horse-Flower cd w/ goodies in 17 ds after f-up. (Flynn-CA). 15100 & 17705 f/d cd w/ goodies in 10 ds. (PA-Levison). Fujian PBS: 2340 p/d Stamps cd in ?? ds. (Hardester-JN).
- INDIA AIR-Port Blair: 4760 f/d ltr in ?? ds for \$1. V/S Y. Bajaj. (Hardester-JN).
- INDONESIA RRI Ternate: 3345 f/d pfc for an INDO rpt. V/S Abubakar Alhadar. (Hardester-JN).
- ISRAEL KOL Israel: 15640 f/d Logo cd in 50 ds. (Bishop-NY).
- JAPAN NSB: 9595 f/d Trees cd w/ sked in 38 ds. (Fischer-WI).
- JORDAN R Jordan: 9560 f/d cd w/ skeds in 29 ds after 3rd f-up. (Weber-OH).
- MALAYSIA RTM Kuching: 4950 f/d B/casting House cd in 30 ds. V/S John Legan. (Bagozzi-CA).
- MONGOLIA R Ulan Bator: 13780 f/d Seashell cd in 110 ds. (Bagozzi-CA).
- PHILIPPINES VoA Relay: 17735 f/d cd w/ sked in 37 ds. (Flynn-CA).
- SOUTH KOREA R Korea: 9750 f/d Grandfather cd w/ goodies in 42 ds for 2 ircs. (Carson-OK). 15575 f/d cd w/ goodies in 44 ds. (NY-Bishop).
- SRI LANKA SLBC: 15120 f/d Station cd in 41 ds for \$1. (Willers-SW).
- TURKEY VoT: 9445 f/d Water Pitcher cd in 63 ds. (Brown-IL).
- U.A.E. R Dubai: 21605 f/d Map cd w/ sked in 21 ds. (Abbinante-IL). f/d cd w/ sked in 23 ds. (Willers-SW).

EUROPE

- ALBANIA R Tirana: 9500 f/d cds w/ pins & goodies in 47 ds. (WIFischer).
- AUSTRIA RAI: 6155 f/d Schonbrunn Palace cd in 65 ds w/ sked. (SW-Willers). 9875 f/d ltr in 57 ds. (Levison-PA). 13730 f/d Computer ltr w/ stickers in 25 ds for 2 ircs. (Carson-OK). f/d Palace cd w/ stickers & forms in 62 ds. (Bishop-NY).
- BULGARIA R Sofia: 11660 f/d Sofia cds(3) w/ sked & ltr in 31 ds. (Willers-SW).
- CZECHOSLOVAKIA RPI: 7345 f/d Cahteau cd in 34 ds. V/S Karel Statney (Carson-OK). f/d Museum cd in 38 ds. (Cichorek-NJ). f/d Mountains cd in 42 ds. (Cichorek-NJ). f/d cds in 69-95 ds for ms. (Humenyk-ON). 7345 & 11680 f/d Chateau cd in 38 ds for an irc. (Carson-OK).
- GERMANY RAIS: 6005 p/d Building cd in 25 ds for an EE/GG rpt. (ON-Humenyk). p/d cd w/ mucho goodies in 50 ds for \$1. (Cichorek-NJ). RBI: 6115 f/d B'casting House cds(8) in 25 ds. (Willers-SW). 11890, 13760 & 15240 f/d cds(4) w/ many stickers in 39 ds for 2 ircs. (Carson-OK). 11890 f/d DX Club cd w/ goodies in 99 ds. (D'Angelo-PA). 17880 f/d cd(stamped last QSL), w/ ltr in 15 ds. (Matsushita-JN). Sender Freies Berlin: 6190 f/d cd w/ stickers & sked in 16 ds. (D'Angelo-PA).
- GREAT BRITAIN BPBS: 7125, 9640 & 13745 p/d Map cd w/ info in 36 ds for an irc. V/S I.R. Martin. (D'Angelo-PA). 13745 p/d cd in 35 ds for 2 ircs. V/S Richard Astbury. (Carson-OK). 13775 p/d cd in 80 ds for 2 ircs. (Schulsinger-OH). 15195 p/d cd in 49 ds for \$1. V/S C.R.C. Foster. (Willers-SW).

/HUNGARY/ R Budapest: 9835 f/d Parliament cd in 31 ds for ms. V/S Ilona Kiss.(Robinson-TN). f/d Logo cd in 50 ds.(Humenyk-ON).
/ITALY/ RAI: 9575 f/d Painting cd in 240 ds.(Brown-IL).
/MALTA/ Voice of the Mediterranean: 11925 f/d Tourist cd in 261 ds (Willers-SW).
/NETHERLANDS/ R Nederland: 5955 f/d Europe by Satellite cd in 24 ds (Willers-SW).
/NORWAY/ RNI: 11735 f/d Diploma in 55 ds. V/S Sverre Fredheim.(WI-Fischer).
/PORTUGAL/ RPI: 9600 f/d Ship/Map cd in 46 ds.(Brown-IL).
/ROMANIA/ RRI: 9570, 11940 f/d Costumes cds w/ stamps, stickers & ltr in 168 ds, for 4 ircs.(Carson-OK). 11940 f/d Costumes cd in 201 ds for 2 ircs.(Johnson-IL).
/SPAIN/ REE: 11880 f/d Casa Llansa cd in 67 ds.(Brown-IL).
/SWITZERLAND/ SRI: 6165 f/d Basel cd w/ sked in 8 ds.(Willers-SW). 9885 f/d cd, which had 700 yr anniv. of Switzerland decal on it. (Brown-IL).
/VATICAN CITY/ R Vaticana: 9605 f/d Antennas cd in 83 ds.(Brown-IL). f/d Pope.cd in 92 ds.(Brown-IL). 11750 f/d cd w/ sked in 8 wks for 2 ircs.(Carson-OK).

U.S.S.R.

R Moscow: 17695-Moscow f/d cd in 46 ds.(Willers-SW). 12060, 17890 f/d cd w/ note, stamps & info in 65 ds.(Levison-PA).
R Vilnius: 11770 f/d Map/Logo cd w/ note, sked & sticker in 6 mo. V/S Edvinas Butkus.(Cichorek-NJ).
R Yerevan: 11675 f/d ltr in ?? ds.(Humenyk-ON).

NORTH AMERICA

/CANADA/ RCI: 15325 f/d DIY cd in ?? ds.(Carson-OK).
/COSTA RICA/ RFP1: 7375 f/d Logo cd w/ sked, ltr & info in 185 ds for 2 ircs. V/S James Latham.(Carson-OK).
/CUBA/ R Moscow Relay: 11710 f/d cd w/ sked & forms in 38 ds.(NJ-Cichorek).
/HONDURAS/ HRVC: 4820 p/d Logo cd w/ ltr & pennant in 109 ds for \$1. V/S Orfe Ester Duron.(Bagozzi-CA).
/NETHERLANDS ANTILLES/ RN Relay: 11720 f/d School x'mission cd in 318 ds.(Fischer-WI). 15560 f/d Astronaut cd in 42 ds.(Brown-IL).
/U.S.A./ RNYI via WWCR: 7520 p/d Ship/Logo cd in 11 ds for a SASE. V/S Randi Steele.(D'Angelo-PA). Voice of the OAS: 9565 f/d cd w/ sked & info in 7 ds for ms.(Weber-OH). VoFC Relay: 5950 & 11740 f/d Flask cd w/ sticker & info in ?? ds.(Levison-PA) WHRI: 7315 f/d Logo cd w/ skeds & forms in 123 ds for ms.(Bishop-NY). 13760 f/d cd w/ skeds in 94 ds for ms.(Bishop-NY).

OCEANIA

/GUAM/ KSDA: 13720 f/d Cd/sticker w/ pennant in ?? ds.(Hardester-JN).
/NEW ZEALAND/ RNZI: 17675 f/d Sheep/mountains cd in 10 ds for 3 ircs. (Brown-IL).

SOUTH AMERICA

/ARGENTINA/ R Continental: 4588 f/d cd w/ stickers in 23 ds. V/S Sr. Valles.(Camporini-AG).
/BOLIVIA/ R Centenario "La Nueva": 4855 f/d ltr w/ sticker in 55 ds. V/S Pedro S. Ruiz, Dir.(Camporini-AG). R Maria Auxiliadora: 4975 f/d ltr in 44 ds. V/S Rosa Gallardo, Dir.(Camporini-AG). R Minería: 4982 f/d ltr w/ pennant in 34 ds. V/S Jose Carlos Gomez Espinoza, Dir.(Camporini-AG). R 2 de Febrero: 5505 p/d ltr w/ pennant in 49 ds.V/S John Arce.(Camporini-AG). R San Gabriel: 6078 p/d ltr w/ info in 18 ds. V/S Jose Canut Saurat, Dir.(Camporini-AG).
/CHILE/ R Esperanza: 6090 p/d ltr, from USA/Hope Radio Ministries. V/S Frank Nagle. (Camporini-AG).
/ECUADOR/ HCJB: 15155, 17875 & 25950 f/d Ilinizas Mountains cd in 26 ds for 2 ircs.(Carson-OK). 15270 f/d cd in 24 ds for \$1.(Willers-SW). 17790 f/d Ruco Pinchincha cd in 24 ds for \$1. (Willers-SW). 17875 f/d cd w/ info in 48 ds for ms.(Bishop-NY). 25950 f/d cd w/ forms in 26 ds for 2 ircs.(Carson-OK). LV del Napo: 3280 f/d cd w/ pennant & stickers in 52 ds. V/S Ramiro Cabrera.(Camporini-AG). R Centro: 3290 f/d cd w/ pennant & info in 42 ds. V/S Luis A. Gamboa T.,Dir.(Camporini-AG). R Catolica Nacional: 5030 & 5055 n/d ltr w/ stickers. V/S Yolanda G. Molina,Sec.(Camporini-AG).

PERU Ondas del Huallaga: 3330 f/d ltr w/ pennant in 47 ds. V/S Flaviano Llanos, Dir. (Camporini-AG). Onda Azul: 4800 f/d cd in 48 ds. V/S Mauricio Rodriguez. (Camporini-AG). R Sicuani: 4826 f/d ltr w/ pennant in 47 ds. V/S Raul Siu Albamonte, Ger. (AG-Camporini). R Cora: 4915 p/d ltr in 43 ds. V/S Juan R. Lazo. (Camporini-AG). R Moyobamba: 5015 f/d ltr in 56 ds. V/S Carlos A. Seijas. (Camporini-AC). Estacion C: 6324 f/d ltr in 68 ds. V/S Reuqlemer C. Tapia, Pub rel. (Camporini-AG)... Daniel is the v/s for this station; please enclose \$2 to cover postage costs... R Selva: 7307 p/d ltr in 4 yrs. This station is only active on FM now. (Camporini-AG).

VENEZUELA R Nacional: 9540 f/d cd w/ f/d ltr & goodies in 210 ds for a SS rpt & ms. V/S Jefe Ivan Russa Crespo, and assistant Meiling Talaveras Rojas. (Robinson-TN).

UTES

AUSTRALIA VHI: 12750 p/d ltr for \$1. (Hardester-JN).

PHILIPPINES DZE: 12846.5 f/d pfc w/ ltr for \$1. V/S Ruben Valdeavilla. (Hardester-JN).

SOUTH AFRICA ZSC: 22509 f/d cd for \$1 & an address label. (Hardester-JN).

CLANDESTINE & PIRATES

AUSTRIA European Christian Radio: 6210 f/d Map cd in 10 ds for \$1. (Willers-SW).

CANADA CFBN: 7415 f/d Outhouse cd in 40 ds for ms. V/S House Fly. (Schulsinger-OH).

GREAT BRITAIN Live Wire Radio: 6286.5 f/d Cartoon cd w/ ltr & sticker in 17 ds for \$1. V/S Bill Lewis. (Willers-SW).

U.S.A. Voice of Oz: 7400 f/d ltr/poster w/ map of Oz in 9 ds: 250 watts. V/S Howard E. Lion. (D'Angelo-PA). WORK: 7415 f/d factory time cd in 27 ds. (Johnson-IL). f/d cd in 35 ds for ms. V/S Working man. (Schulsinger-OH). 7418 f/d cd in 28 ds. 25 watts. (Abbinante-IL). Samurai Radio: 7415 f/d Logo cd w/ ad in 60 ds for ms. V/S Eddie Current. (Schulsinger-OH).

Great job all-around; some excellent veries this month. Hope you all filled out the great Speedx Membership poll; this is important, so if you haven't done it yet, get to it!! (Please!!)
Best wishes to all for a great holiday season, and I'll see you next year!!!

*Merry Christmas &
Happy New Year ~
Jays*

RADIO K'EKCHI'

TGVC 4,845 KHZ 60 METROS
FRAY BARTOLOME DE LAS CASAS, 16015 ALTA VERAPAZ, GUATEMALA

QSL Certificado de Sintonía

.Sr. RICHARD A. D'ANGELO

Muchas gracias por su informe de recepción. Su carta fue de gran ánimo y estímulo al personal de Radio K'ekchi'. ¡Qué Dios le bendiga ricamente! Transmitimos con un Gates BP-5 y una antena bi-polar con reflector.

Tenemos el gusto de confirmar su sintonía a nuestra trasmisión el día 26
de octubre de 1988. a las 04.57 horas CST hora local.

Roberto San Luis
GERENTE

SPEEDX UTILITY STATION LIST

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

Part 4: 18000.0 to 30000.0 kHz

KHz	MODE	COUNTRY	CALL	LOCATION	UTC	REMARKS	CONTRIBUTOR
18002.0	USB	....	....	WORLDWIDE USAF FREQ.	....	GCCS. Stations reported include: AGA Hickham AFB, HI; AF1 McClellan AFB, CA	Flynn-CA
18005.0	USB	....	....	PACIFIC AREA USAF FREQ.	....	USAF Point to Point 'Tango' Frequency	Stringer-NZ
18012.0	USB	Canada	CHR	Trenton Military, ON	1721	RAF Strike Forces. Air drill t/c	Lukas-NY
18018.0	USB	England	....	'Architect', Upavon	1130	RAF Strike Command	Stringer-NZ
18019.0	USB	England	....	WORLDWIDE USAF FREQ.	....	GCCS. Stations heard include: AFEB MacDill AFB, FL; Camp LeJune, NC	....
18029.0	RTTY	Zaire	....	Kinshasa	0923	170/50: T/c	Moon-RSA
18030.0	RTTY	Zaire	....	Unknown	1643	170/50: Coded t/c	Moon-RSA
18050.0	RTTY	USSR	REM57	Nikolayev	1548	425/50: TASS news	Moon-RSA
18125.0	RTTY	USSR	RND70	Moscow	1448	425/50R: TASS news in English	Karcheski-MA
18164.5	RTTY	Sudan	STK	Khartoum	2159	425/50: AFTN 'LSA' circuit. T/c to Tripoli	Conway-UK
18177.8	USB	Israel	....	Unknown	1710	Phonetic alphabet station	Lukas-NY
18203.0	RTTY	Kuwait	....	Kuwait	1315	425/50: KUNA news in English	Moon-RSA
18210.0	RTTY	Bulgaria	LZP3	Sofia	0856	425/50: 'QRA DE LZP TESTING FOR BEIJING'	Conway-UK
18215.0	RTTY	USA	WF693	Greenville, NC	1834	425/75N: USIA Nx	Conway-UK
18233.5	RTTY	S. Africa	....	Pretoria	1400	425/75: Meteo. Also 18242.0 kHz	Moon-RSA
18248.0	RTTY	Unknown	CUD31	Unknown	1420	.../75: Encrypted t/c, began with DH091 DE CUD31 INT ...'	Conway-UK
18295.0	RTTY	Sweden	SDU9	Stockholm	0945	ARQ-M2/96: T/c to Haipong SH0765 on ch. A	Conway-UK
18388.6	RTTY	Libya	5AF	Tripoli	2133	425/50: AFTN. 'LSA' circuit. T/c to Khartoum	Conway-UK
18415.0	CW	Unknown	8BY	Unknown	1655	Marker: 'VVV BBY 8BY/8BY/157/263/629/097/645/554/641/476'	Rocker-FL
18496.3	RTTY	Morocco	CMN80X11	Rabat	1355	425/50R: MAP news in English	Karcheski-MA
18511.0	ISB	USA	....	Unknown	2028	VOA Feeder in USB. Chinese program	Lukas-NY
18543.5	RTTY	Sudan	STK	Khartoum	1903	425/50: AFTN. RYRURY Marker	Conway-UK
18547.0	RTTY	E. Germany	Y313	Berlin	0934	425/50: QRA Marker	Conway-UK
18610.0	RTTY	Unknown	....	Unknown	....	ARQ-M 425/96: Idling ch. A & B	Conway-UK
18647.0	RTTY	Netherlands	PCW1	The Hague	1950	SITOR-A: MFA	Moon-RSA
18870.0	ISB	USSR	....	Moscow	1952	Radio Moscow Feeder	Moon-RSA
18906.5	RTTY	England	6XQ	London	0939	170/50: British Army. Testing	Conway-UK
18930.5	RTTY	E. Germany	....	Berlin	1456	425/50: ADN news in English	Moon-RSA
19105.0	RTTY	USSR	RPT34	Moscow	1300	425/50R: TASS news in French	Lackmann-VA
19127.0	RTTY	USSR	RM21	Moscow	1250	TASS news in Portuguese	Lackmann-VA
19154.0	USB	Spain	EHY78	Madrid	0935	Cig Malabo	Conway-UK
19234.9	RTTY	USSR	....	Moscow	1335	850/50R: TASS news. RYRURY and IDs	Lackmann-VA
19250.0	USB	Antarctica	ZL09	Scott Base	2330	Wkg Wellington w/phone patches	Stringer-NZ
19324.5	RTTY	USA	KAWN	Carswell AFB, TX	....	850/75N: USAF Meteo	Moon-RSA
19405.0	RTTY	Iran	....	Tehran?	1244	ARQ/100: Msgs to Vienna. INTERPOL?	Conway-UK
19405.0	RTTY	France	FSB	Paris	0014	SITOR-A: INTERPOL. CW IDs with bursts	Rocker-FL
19505.0	RTTY	USSR	RCD36	Moscow	1315	425/50N: PL news in Spanish. Also 16800.0	Lackmann-VA
19529.0	RTTY	Japan	JM65	Tokyo	2138	850/50: Meteo	Conway-UK
19747.5	RTTY	Senegal	6VU79	Dakar	1845	425/50R: Meteo. Test tape	Rocker-FL
19751.5	FAX	Senegal	6VU79	Dakar	2138	120/576: Wx charts	Karcheski-MA
19792.5	RTTY	Philippines	....	Poro La Union	2358	425/75N: VOA news	Lackmann-VA
19821.8	RTTY	Unknown	....	Unknown	1526	ARQ/100: 'TVVQ TVVQ TVVQ...' continuously	Conway-UK
19822.5	RTTY	Libya	5AF	Tripoli	1345	425/50: AFTN. 'LSA' circuit t/c to Khartoum	Conway-UK
19860.0	RTTY	England	6YA	London Naval	1950	850/75: RN. Number/letter t/c	Conway-UK
19948.0	RTTY	Cuba	CLP1	Havana	2248	550/50R: MINREX. PL news in Spanish	Berri-CA
19980.0	RTTY	Iran	9BC33	Tehran	1615	425/50R: IRNA news in English	Karcheski-MA
19991.0	RTTY	Unknown	....	Unknown	1100	850/75: Lazy dog and "1234567890 LR SENDING" all day. No ID	Conway-UK
20022.0	RTTY	Ethiopia	....	Addis Ababa	1515	850/75: US Embassy w/AFRTS sports news	Moon-RSA
20085.0	RTTY	Italy	ISX20	Rome	1525	170/75N: ANSA news in English. Press release on Fiat and Alfa Romeo automobiles	Karcheski-MA
20162.0	RTTY	Nigeria	....	Kaduna	1315	SITOR-A: Diplo t/c	Moon-RSA

20185.7	USB	....	....	USAF/NASA SHUTTLE SUPPORT FREQUENCY	....	....
20192.0	LSB	....	....	USAF/NASA SHUTTLE SUPPORT FREQUENCY	....	Stations reported include: Ascension Is., Antigua Alexander-PA
20198.3	LSB	....	....	USAF/NASA SHUTTLE SUPPORT FREQUENCY	....	Stations reported include: Guantanamo Bay, Cuba; Ascension Is., Antigua
20286.5	CW	Poland	SPW	Warsaw Radio	1745	Marker Moon-RSA
20396.0	USB	Puerto Rico	NNNØNRD	Roosevelt Roads	2340	USN MARS. Cig NNNØNRI Karcheski-MA
20401.0	RTTY	Unknown	....	Unknown	1415	SITOR-A: Tfc in Indonesian Moon-RSA
20472.0	RTTY	Uruguay	CXR	Montevideo Naval	1856	850/75R: Uruguayan Navy. Sched tfc Berri-CA
20560.0	RTTY	Libya	....	Tripoli	1645	425/50R: JANA news in English. [Former frequency was 20563 kHz] Karcheski-MA
20678.5	USB	....	....	USN MARS FREQUENCY	....	Stations heard include: NNNØCVZ USS HAYLERKarcheski-MA
20732.0	RTTY	Ecuador	HØN	Quito Naval	1904	850/75R: Ecuadorian Navy. RYRYRY, etc. Berri-CA
20765.0	RTTY	Uruguay	....	Havana	1302	425/50: MINREX & telex to Hanoi Moon-RSA
20812.0	RTTY	Cameroon	RFTJD	Douala Naval	2122	ARQ-E3 850/48: French Navy. 'CONTROL DE VOIE' msg Conway-UK
20820.0	CW	Pakistan	AQP	Karachi Naval	1430	Pakistani Naval. Marker Moon-RSA
20860.2	USB	France	FTU86	Paris	1355	Marker. "Here is Paris, France..." Conway-UK
20936.0	USB	....	....	WORLDWIDE USN/MARS FREQ.	....	Stations reported include: NNNØNRO Rota, Spain
20970.0	USB	Canada	CIW8Ø6	Unknown	1920	CFARS. Tfc to V XV9 Conway-UK
21964.0	USB	Hawaii	....	Honolulu	....	ARINC. Wkg several aircraft Stringer-NZ
22202.0	RTTY	Chile	CCF	Unknown	1908	Naval? RYRYRY to HDN Berri-CA
22312.0	CW	Bahrain	A9M	Bahrain Radio	1218	Marker Rocker-FL
22312.5	CW	China	XSG	Shanghai Radio	2305	Marker Rocker-FL
22318.5	CW	USA	WLO	Mobile Radio, AL	0052	DE Marker Thompson-CA
22321.0	CW	USSR	UJY	Kaliningrad Radio	1510	CQ Marker Conway-UK
22322.0	CW	Bahrain	A9M	Manama Radio	1131	DE Marker and tfc Conway-UK
22322.5	CW	USSR	UHK	Batumi Radio	1710	QTC list Conway-UK
22325.0	CW	USSR	UJY	Kaliningrad Radio	1609	Tfc Conway-UK
22326.0	CW	Japan	JNA	Tokyo Naval	1507	CQ Marker Conway-UK
22330.5	CW	Angola	D3E81	Luanda Radio	1645	CQ Marker Conway-UK
22338.2	CW	Saudi Arabia	HZG	Damman Radio	0713	DE Marker Conway-UK
22342.0	CW	France?	HWA	Unknown	1559	Marker [Not HWN? ...e.j] Moon-RSA
22345.4	CW	Cuba	CLS	Havana Radio	2220	DE Marker Conway-UK
22346.5	CW	Argentina	LSA7	Boca Radio	2114	Spanish tfc Conway-UK
22347.5	CW	S. Africa	ZSC20	Capetown Radio	1514	CQ Marker & tfc Conway-UK
22350.0	CW	USSR	UFL	Vladivostok Radio	0910	Long QTC list Conway-UK
22361.0	CW	W. Germany	D6W36	Hamburg	1617	V Marker & freq. info Conway-UK
22365.5	CW	USSR	UBN	Jdanov Radio	1201	CQ Marker Conway-UK
22371.0	CW	USSR	URL	Sevastopol Radio	1205	CQ Marker Conway-UK
22378.0	CW	India	VT69	Bombay Naval	1339	Indian Navy. V Marker Conway-UK
22379.4	CW	New Zealand	ZL07	Waiouru Radio	2040	"AR DE ZLO Q5X" Conway-UK
22386.0	CW	Japan	JCT	Choshi Radio	0055	CQ Marker & test Thompson-CA
22391.0	CW	Italy	ISF	Unknown	2245	Unknown service sending manual CGs. Coastal? Flynn-CA
22395.0	CW	S. Korea	HLF	Seoul Radio	1210	CQ Marker Conway-UK
22396.0	CW	Japan	JOS	Nagasaki Radio	0903	CQ Marker Conway-UK
22402.9	CW	S. Africa	ZRQ	Capetown Naval	1516	RSA Navy. V Marker Karcheski-MA
22404.0	CW	Denmark	ØKZ92	Lynby Radio	2205	Tfc list & CQ Marker Berri-CA
22408.4	CW	New Zealand	ZLP7	Waiouru Radio	2034	V Marker Conway-UK
22409.0	CW	Japan	JOR	Nagasaki Radi	0752	CQ Marker Conway-UK
22410.0	CW	USSR	UNQ	Novorossiysk Radio	1708	Cig 4LA7. Freq list: 12660.5/16980/22410 Rocker-FL
22419.0	CW	Argentina	LPD91	Gen. Pacheco Radio	1923	V Marker Conway-UK
22420.0	CW	Brazil	PPR	Rio de Janeiro Radio	1758	V Marker Hunt-FL
22423.5	CW	USSR	UVA	Unknown	1058	"CW DE UVA QSA/QSX 6459.5/6394.5 12729/12601.5 16930/16801.5 22423.5/22301.5" Rocker-FL
22428.0	CW	Singapore	9V6	Singapore Radio	1329	CQ Marker Stringer-NZ
22428.0	CW	Cuba	CLS	Havana Radio	2047	DE Marker Conway-UK
22431.0	CW	Indonesia	PKX	Jakarta Radio	1642	Marker. Also hrd WNU on freq. Rocker-FL
22440.0	CW	Japan	JOU	Nagasaki Radio	0719	CQ Marker Conway-UK
22447.0	CW	Djibouti	FUV	Djibouti Naval	1522	French Navy. V Marker Conway-UK
22448.0	CW	Romania	YQ17	Constanta Radio	1222	Tfc to YQ... ships Conway-UK
22455.0	CW	Brazil	PWZ33	Rio de Janeiro Naval	0908	Thompson Navy. CQ Marker Conway-UK
22455.0	CW	S. Africa	ZSC4Ø	Capetown Radio	1226	Marker Rocker-FL
22459.0	CW	Taiwan	XSX	Keelung Radio	0854	CQ Marker Conway-UK
22461.0	CW	New Caledonia	FLJ	Noumea Naval	2026	French Navy. V Marker Conway-UK
22472.0	CW	Hawaii	NMØ	Honolulu	0106	USCG. High seas wx forecast Thompson-CA
22473.0	CW	Chile	CBV	Valparaiso Radio	1931	CQ Marker Conway-UK
22476.0	CW	Hawaii	NMØ	Honolulu	0236	USCG. CQ Marker Bevens-MA
22479.0	CW	Singapore	9V627	Singapore Radio	1956	CQ Marker Conway-UK

22490.8	CW	Israel	4X0	Haifa Radio	1954	CQ Marker	Conway-UK
22516.0	CW	W. Germany	DAN	Norddeich Radio	1649	CQ Marker	Conway-UK
22520.0	CW	USSR	UQK	Riga Radio	1655	DE Marker	Conway-UK
22525.0	CW	Italy	IRM	Rome Radio	1446	Medical services. V Marker	O'Connor-NH
22527.0	CW	Guam	NRV	Barrigada	2126	USCG. CQ Marker	Conway-UK
22533.0	CW	New Zealand	ZLB7	Awarua Radio	1946	DE Marker	Conway-UK
22533.0	CW	S. Africa	ZSJ	Capetown Radio	0934	CQ Marker. New freq.	Conway-UK
22537.0	CW	Martinique	FUF	Fort de France Naval	2119	French Navy. Marker	Conway-UK
22543.0	CW	Algeria	7TF	Boufarik Radio	1231	CQ Marker	Conway-UK
22545.0	CW	USA	NMN	Portsmouth, VA	1516	USCG. Marker	Moon-RSA
22548.0	CW	Turkey	TAH	Istanbul Radio	1340	Marker	Rocker-FL
22557.0	CW	USA	KPH	San Francisco Radio	2018	V Marker	Conway-UK
22584.0	CW	Bahrain	A9M	Bahrain Radio	1250	Marker	Moon-RSA
22592.5	CW	USSR	UAT	Moscow Radio	1651	Marker	Rocker-FL
22593.0	CW	USSR	UFK	Vladivostok Radio	2317	Marker	Rocker-FL
22614.6	USB	W. Germany	DAJ	Norddeich Radio	1345	Tfc list in English and German	Rocker-FL
22698.3	USB	Argentina	LPL	Gen. Pacheco Radio	0040	ID Marker	Lukas-NY
22742.0	USB	China	BAF	Beijing	0707	Meteo. Two mentions of Tokyo, one of Beijing, then off suddenly	Hardester-JP
22855.5	RTTY	Argentina	....	Buenos Aires	0058	850/75: DyN news in Spanish	Moon-RSA
22922.0	RTTY	Nigeria	....	Lagos	0058	425/50: Tfc	Moon-RSA
22955.0	RTTY	Italy	....	Rome	1420	425/50: ANSA news in French	Moon-RSA
22975.0	RTTY	Switzerland	HBD20	Berne	1500	SITOR-A: MFA t/c, 5-letter groups	Moon-RSA
23402.5	USB	USA	....	US CUSTOMS/DEA FREQ.	....	Stations reported include: 'Atlas', Washington, DC	....
23972.0	RTTY	China	....	Beijing	1440	850/50: Wx in English and coded meteo	Moon-RSA
24790.0	RTTY	Italy	ISX24	Rome	1507	850/50N: ANSA News in English	Karcheski-MA
25103.0	CW	USSR	UJY	Kaliningrad Radio	1645		Moon-RSA
25161.5	RTTY	Greece	....	Kavala, Rhodes	1400	170/75: VOA news. "GREENVILLE DE RHODES RYRTRY..."; then closing msg	Conway-UK
25255.0	RTTY	USSR	....	Murmansk Radio	1520	170/50: Russian t/c	Moon-RSA
25262.0	CW	Denmark	OXZ	Lynby Radio	1242	Marker	Rocker-FL
25390.0	RTTY	England	6KY2	Portlisshead Radio	1530	SITOR-A	Moon-RSA

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 the editor.

MISCELLANEOUS TRAFFIC

Obviously, this is a rather short column since the 18 to 30 MHz segment is probably the smallest in the database. So I'll try to fill the remainder of the column by reflecting on this past year, putting things into radio perspective.

The biggest news in the world arena in 1990 was of course the military actions in the Persian Gulf. While the dispute between conservative and liberal factions continues over the United States' purposes in Mid-East, we DXers know why President Bush *really* sent over the troops: To provide radio monitors worldwide some interesting utility traffic to listen to! Of course, another reason for deployment of troops is to give Mike Hardester and other SWLs in the armed forces a new, exotic QTH to DX from. Better sand-proof the rigs, men.

As the unification of East and West Germany finally became a reality, we must now wonder how unification will affect the NASWA, ARRL, and other radio country lists? And, now that East Germany's cheap labor is available to the West, will Grundig stop manufacturing their shortwave sets in Portugal?

My own bright moment in 1990 radio history was a trip to Tokyo, Japan in June to attend Japan Radio Company's design review meetings for the new NRD-535 receiver. Having only been with JRC since last November, I was pleased to be invited and was honored that most of the input I provided was actually adopted in the design of the radio. When asked which engineering school I studied at, I would M.I.T. Since I attended Berklee College of Music just across the river in Boston, I figured that was close enough!

The SPEEDX Utility column evolved to its new 4-part format in 1990. Although some criticize the less timeliness of the series format and the decrease in tactical and mobile coverage, most of the feedback I've received from the membership have been positive. I can, however, reply to those who raise these concerns by suggesting the following: If you feel you are contributing something of an urgent nature, such as frequency info about an upcoming Shuttle launch or recent military action, make it clear to me that it should be given special attention. I will try to use it as a featured item outside the main loggings section. And if you feel that the loggings tend to be biased towards stations of the fixed variety, please consider contributing a short article featuring a topic of your choice; there's plenty of room to print it (especially, it seems, in Part 4 months: April, August and December). As always, I welcome comments and suggestions on how to improve the Utility coverage.

The SPEEDX Utility Station List, as a special publication, has been moving steadily. For those who wish to order a copy, please note that the SUSL is now ordered directly from Business Manager Bob Thunberg at SPEEDX HQ (P.O. Box 196, DuBois, PA 15801-0196). It started as an infrequently printed compilation of the four parts of the list that appeared each month in this bulletin. Now the list is way over 30 pages in length and includes all stations and frequencies published in this column since I took over the editorial role just over two years ago. Meanwhile, the list that now appears each month in the SPEEDX bulletin is limited to loggings submitted within the previous nine months; for example, this month there are no frequencies older than April's issue, while the complete SUSL goes back to August 1988. The list is available in printed form for a \$6.50 contribution, and in various digital forms (Macintosh and MS-DOS (for details, see the October issue of SPEEDX) by sending me a 3.5" floppy disk and a \$5.00 contribution (all checks payable to SPEEDX, please).

In 1991, I'd like to expand the scope of the SUSL by adding feature articles and additional reference items such as call sign lists for fixed stations and ships, a utility country list, maybe some obscure station address, etc. All this of course depends on how much time I can devote to production, as well as the amount of contributed material I receive from members.

Also, I hope to continue to improve the monthly coverage by having an increased amount of text to supplement the numbers, rows and columns of the loggings section. Ideally, a co-editor would join the editorial staff to expand the overall coverage, especially the mobile/tactical areas.

In closing, I'd like to extend my thanks to all of you who have contributed in 1990, and hope that you continue to make my job as enjoyable in the coming years as it was during the last 12 months. May Santa Claus reward you all by putting a liberal amount of sunspots under all your Christmas Trees. (Oooops. I said the "L." word again.)

HAPPY HOLIDAYS AND GOOD DX!

Paul

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