

SHORTWAVE RADIO TODAY

January 1993

Volume 22, Number 1

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The contributors' list returns in March!

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THE DXPERIENCE

Your column of notes, news and views of what's happening in the exciting world of shortwave radio!



Send any interesting DX/SWL info to:
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JANUARY 1993

GREETINGS FROM WHEELING

Happy New Year to One and All!

I hope everyone had a relaxing holiday with plenty of good DX! Hear anything interesting? My November was quite profitable with some new Latin Americans and CIS sites, but as of this date (12/15), I've been bogged down with the typical seasonal onslaught of concerts and end of term testing and grading at the high school. By the time you read this, I plan to have had much more time in front of a radio than in front of teenagers.

By the way, thanks to all of you who sent in offers to review the Kenwood HamWindows software. As it turns out, I saw someone over

Thanksgiving about a week after I sent my column in who was able to handle the chore and save me shipping costs. A report will come in soon.

On another topic, we've had very low interest in the contests, so I'm upping the ante—check out the prize list later in the column. I hope it whets more of your competitive appetites and that it results in a few more entries.

Finally, I'd like to say a special "thank you" to everyone who has supported this column in 1992! I'm looking forward to more of the same in the new year. And now, on with the show!

1992 - THE YEAR IN REVIEW

Well this has certainly been an exciting year on the bands. There have been numerous changes made by broadcasters as well as some that have sent atlas makers into a frenzy. What I have compiled below is my top twenty events and stories in shortwave radio. I am sure you will be able to think of some I left out, or you may disagree with my ordering, but hey—get your own column!

1. The Soviet Union Disbands. Okay, so this technically happened in the last days of 1991, but its impact was felt all through '92. First of all, we replaced the USSR with twelve separate radio countries. Then, private broadcasters like Radio Galaxy popped up all over Russia. Trying to sort out who was transmitting from where has been very confusing (is Radio Yerevan coming from Armenia or Russia?), but it has been an exciting challenge nonetheless.

2. Tom Meyer Leaves Radio Netherlands' "Happy Station." After twenty-two years behind the microphone, Tom handed over the controls to Pete Meyers last September, leaving a legacy of Sunday night programs that touched the hearts of people worldwide.

3. Radio St. Helena Day. After a successful single-day broadcast in 1990, Tony Leo fired up the transmitter on 11092.5 once again this

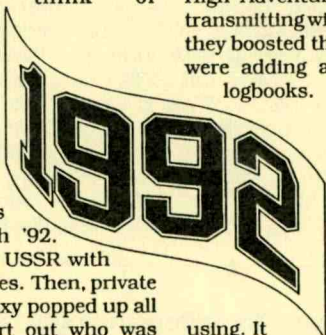
October. Judging from last month's Africa column, many of you were able to catch this rarest of rarities. Good luck on your QSLs!

4. KHBN Broadcasts from the Island of Palau. Last May, this new addition to the family of High Adventure's chain of stations began transmitting with very low power. By summer, they boosted their wattage and DXers all over were adding a new radio country to their logbooks.

5. WARC '92 Reallocates SWBC Bands. Although many changes they made won't be in effect until the next century, this spring conference extended several bands to include frequencies many stations were already using. It remains to be seen whether many will use the new 15 meter band, but WEWN (see #12) plans to use 18930 kHz, and more will likely follow.

6. Russia Opens Former Jammer Transmitters to Relay Western Broadcasts. Starting slowly last December and continuing throughout the year, several stations joined in the race to lease these old sites. Early participants include Deutsche Welle, Adventist World Radio and Radio Beijing.

7. Radio Moscow Pushes Religion and Anti-communism. Along the same lines as #6, the ex-Soviets sold time on the once mighty RMWS





THE TOP TWENTY EVENTS OF 1992 (cont.)

to the Japanese religious station R. Aum Shinrikyo and Vietnamese refugee station The Voice of Freedom—ultimate proof of the end of the Cold War.

8. Kuwait Returns to the Airwaves. After Desert Storm liberated Kuwait from Iraqi occupation, Radio Kuwait slowly rebuilt its programming schedule from Arabic only in February to the full English service by the summer.

9. Several International Broadcasters Undergo Name Changes. You can't tell the players without a scorecard. From Channel Africa to China Radio International, from Radio Czechoslovakia to Radio Vlaanderen International, it seems that everyone was looking for a new identity.

10. Two New American Stations Take to the Airwaves. All-gospel WJCR from Kentucky and the English-Spanish KJES from New Mexico joined the myriad of US religious outlets.

11. Radio Bosnia-Herzegovina Goes on the Air. Reported just recently in November, will RBH outlast the Serbian oppression and become as well heard as Croatian Radio? Time will tell . . .

12. Mediumwave Stations Show Up on Shortwave. AM broadcaster WFLA in Tampa began relaying its signal, for some reason, on 25870 kHz. Several Argentine stations wind up in the same vicinity. Go figure.

13. WEWN Announces World Service. Rumored for months, WEWN either began testing its 500 kw transmitters in December with an inaugural broadcast on the 28th, or it didn't. (Sorry, it's an early deadline, so fill-in the appropriate info in January). Regardless, this Catholic station has proposed quite an ambitious schedule.

14. TASS Discontinues RTTY Broadcasts. Okay, so many of us would never notice, but for utility DXers, this was a major surprise and disappointment.

15. Voice of America Celebrates 50th Anniversary. 2/4/42 - 2/4/92. Enough said.

16. & 17. Radio France International and Radio Exterior de España get new relay sites. RFI is now using Hungarian transmitters. Has anyone really noticed? REE is still trying to get its Costa Rican plan going on a regular schedule.

18. KCBI Returns to Shortwave. After several years' absence, KCBI Dallas returned to its familiar haunts in the 19 meter band with continuous Dr. Gene Scott programming.

19. Deutsche Welle Stops Issuing Full Data Cards. This is a personal vendetta of mine. I managed to get all of their German and ex-GDR sites as well as Malta and Antigua with full data, site verifying QSLs. When I finally get around to sending in a report on Rwanda, they send back a "Sorry, Charlie" letter saying no more full data QSLs. Let this be a lesson to all of you—strike while the iron's hot!

20. New Relay Site Opens in Portugal. Radio Liberty and Radio Free Europe began using new transmitters in Maxoquiera last spring. Not very earth-shaking, and anyway, Gloria and Sines are a heck of a lot easier to spell!

So what do we see in store for us in 1993? Will Dr. Gene Scott buy the BBC? Will Glenn Hauser and Jonathan Marks meet in aneutral spot for a no-holds-barred Texas cage match? Will Greenland separate into several smaller republics? Will the United States wind up with more independent broadcasters than Brazil? And what about Radio Tristan da Cunha Day? Stay tuned to this column for all the latest!



Check it out!

Major newsflash on page 3 →



TWR BONAIRE TO LEAVE SHORTWAVE

direct via David Jones

I received a rather excited phone call from SPEEDXer David Jones this past week with news that Trans World Radio Bonaire would leave the shortwave bands at 0400 UTC on 7/30/93. A letter to all TWR monitors from Chuck Roswell said that they would turn their focus to satellite transmissions and their 800 kHz mediumwave outlet. Since this was such

last minute info, I do not know how this will affect Radio Netherlands' relay site or any further details. By the time you read this, hopefully we will know more. If this does go through as planned, you should QSL the station now if you have not yet done so, and if you are a regular listener, write them to let them know how you feel. More next month...

KNLS TO OFFER SERVICES TO DXERS

from The Good News Letter, Winter 1992, direct

KNLS now has available a 32-page book titled *DX Tips For Beginners*, written by veteran DXer Carl Mann. Through a special agreement with Universal Radio, these are free for the asking from the station. Two sample articles in the newsletter give some fundamentals about antennas. Other topics covered include propagation, receivers, logbooks and QSLs. This sounds like it would be ideal for novice listeners.

KNLS also seems to be preparing a DX program called "Radio Today." They give no

times except that it will begin airing on 1/1/93. They ask for listeners to provide a "list of shortwave services putting the strongest signal into their part of the world." Reports should include your location, the station, language, UTC time and date, frequency and band, and a SINPO rating. I'm curious to see what course and format this will take. Listen in to find out and send in your loggings. English is on at 0800 UTC on 7365 and 9615 kHz and again at 1300 on 7355 and 9615 kHz. You can reach them at KNLS, Anchor Point, AK 99556.

SUDAN'S INTERVAL SIGNAL

By now you have probably noticed the many loggings of Radio Omdurman (Sudan) on 7200 kHz opening at 0250 UTC with ten minutes of interval signal. For those of you that read music, hear is that tune which is played on some sort of xylophone or keyboard.

It really annoys me that the WRTH no longer publishes the musical notation for

interval signals. Back in the 70s, most station listings included this feature. Granted, many of them were not exactly correct, but they were close enough for me. It is one thing to see a description such as "native song played on xylophone" and another to actually see the notes. Therefore, this is my little contribution.



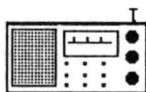
PC SHORTWAVE MONITOR™ SOFTWARE

Another piece of software I received lately is this logging organizer. This is a simple little program that will help you keep an electronic logbook as well as keep track of QSL requests and print reports.

The PC Shortwave Monitor™ 2.0 is basically a specialized database. You type in the all of the typical logbook info and it sorts it by any field. There are single letter codes for

programming type and language as well as an area to record comments. You can then view and print all records by country, band or any other characteristic. From here you can print out information for a QSL request. There are also provisions for importing or exporting the data as an ASCII text file.

Some pros about the program are that it will work on a bare bones PC such as an XT or



an 86 without a mouse. It requires no hard drive and very little memory. I see this as being very useful if you like to make lists of programs because of its ability to sort by format, language and target areas. Some problems I ran into were a number of screens that could not be exited without printing; since I was not hooked up to a printer at the time, I had to keep

aborting. Also, there are many functions that cannot be printed to the screen.

The author of the program is offering a SPEEDX discount of \$15 per disk. Since it is shareware, you can also send me a 5" disk and simply register for \$10. Anyone interested in ordering should contact me by February 1 so I can send in a group request.

THE NOVEMBER DXPERIENCE CONTEST

Unfortunately, none of the responses to the last contest was entirely correct. Nonetheless, we will try again this month. For those of you keeping track at home, here are the answers from November:

- 1) What present-day Middle Eastern country was still split into two separate nations? **Yemen**
- 2) What Caribbean Island nation was home to a major relay station that is no longer on shortwave? **Montserrat**
- 3) Name two European countries that had stations in 1987 that can no longer be heard today. **German Democratic Republic (East Germany, merged with the FRG) and Denmark (broadcasts over R Norway Int)**
- 4) What feature of interval signal identification used in the WRTH is no longer present? **As mentioned before, musical notation**
- 5) Give the 1987 names of the following stations: R Romania Int, Channel Africa, R Iraq Int, Golos Rossii and R Czechoslovakia. **R Bucharest, Radio RSA, R Baghdad, domestic program All-Union 2 and Radio Prague**
- 6) What African nation was home to a VOA relay that is no longer used? **Liberia**
- 7) SPEEDX's mailing address was in what state? **Arizona**

See ya next
month--DB

NEW, IMPROVED DXPERIENCE CONTEST

Okay, so my former enticements of foreign radio stickers weren't enough to motivate you to put pencil to paper and enter the contests. This time I've got some serious prizes. The first person in with a correct response to this month's contest can have his or her choice of one of the following books:

- The Voice of America, Propaganda & Democracy, 1941-1945**
- Radio Receiver-Chance or Choice (w/the sequel, More . . .)**
- The SWL Listener's Antenna Handbook**
WRTH 1988
WRTH 1990
- FM Atlas & Station Directory 1989**
- The Complete SWL's Handbook (3rd ed.)**
- World Broadcast Station Address Book**
- Shortwave Listening Handbook**

For detailed info on any of these books, check your favorite SW mail-order catalog. All are in great shape, so when you enter specify the title you would like to receive.

Now, this month's contest. Simply match the program to the station on which it can be heard.

1. As It Happens
2. Sound Currents of the Earth
3. Rembrandt Express
4. Letter From America
5. Larry's Random Selection
6. Northern Report
7. Jade Bells and Bamboo Pipes
8. Thank Goodness It's Friday
9. Blues, Rags and Jazz
10. Report to the Caribbean

So start hunting through those program guides and send in your replies!

THE SPEEDX CLASSIFIED ADS

FOR SALE: Universal M-1000 decoder card for PC compatibles. Complete w/software (3.5" and 5.25" disks) and back issues of **The RTTY Listener**. \$300 + shipping. Contact Mike Wolfson (419) 289-7461 after 4:30 pm EST or weekends.



Trash & Treasure



Donald J. Weber 2169 Walter Road Westlake, OH 44145

Sometimes I think life has a giant pit we fall into right after the Holidays and just before we start to realize we have another full year to live through. If your feelings are the same, join me in my pit and we'll sort through the last of the 1992 mail and catalogs.

The December issue of "Conde Nast Traveler" has substantial information in two articles on Indonesia--just about everything we want to know except how to hear their shortwave radio stations. If Indonesia is one of your special interests, check out your library to see if they have a copy of the magazine, you'll learn something new about that country. The magazine simply described Indonesia as "the mystifying exotic island nation" and went from there in an attempt to explain everything possible to us.

Hammacher Schlemmer's catalog had my Christmas present but apparently I had warned my children too long ago that the prices in this catalog are too high as I didn't find my present on Christmas morning. Oh, bah, humbug! What was the desired present? How would your radio shack look with a Marconi Wireless vintage stock certificate hanging near your radio. Hammacher Schlemmer (1-800-543-3366, or, by mail, Operations Center, 2515 East 43 Street, Post Office Box 182256, Chattanooga, Tennessee 37422-7256) offer item 55010B (unframed) for \$79.95 or item 55011B (framed) for \$139.95, a cancelled Marconi Wireless Telegraph Company stock certificate issued originally between a 1912-1922 time frame. (Of course, delivery costs add a few more bucks to either item.)

From Barnes & Noble, we were offered a VHS forty-minute documentary on "Nikola Tesla: The Genius Who Lit the World". This is priced at \$19.95 plus \$3.50 shipping and the appropriate tax for certain states from B&N, telephone 1-201-767-7079 or write them at 126 Fifth Avenue, New York, New York 10011-5666. The advertising words for this offer are "This rare film tribute to Tesla, though not your slick TV-type documentary, details many aspects of the inventor's work and his relationship to contemporaries like Edison and Marconi. Produced by the Tesla Memorial Society."

And, back to real life radio information---

That publishing house up in Wisconsin who I thought was filling our end of 1992 with every new item possible fooled me. Three more new books have been published which apparently means Tiare Publications was merely starting 1993 early. These new items are dedicated to the more specialized shortwave listener but you might be one of those specialists -----so here's what's out there.

COP TALK! (subtitled Monitoring Law Enforcement Communications) by Laura E Quarantiello is the first of these efforts. The titles are as good a quick description of the entire seventy-six (76) page book as you might need. Price is \$19.95 plus \$2.00 shipping (\$3.00 foreign) from Tiare Publications, Post Office Box 493, Lake Geneva, Wisconsin 53147. 1-414-248-4845 for the welcomed Visa or MasterCard.

Number two effort from the same publisher (and from the same author) is entitled **CITIZEN'S GUIDE TO SCANNING**. Same price but 140 pages and the book goes from "What is a Scanner" right on though to take you from primer to advanced. Again if this is your specialty, this book will interest you.

And, now on to number three--**COMPUTERIZED RADIO MONITORING** authored by Todd D Dokey. Oh, yah, this is computerized all right--the book is identified as "Edition 1.0" and the advertising brochure (a fold-over four pager) includes the teasers that this book discusses many of "today's computer-friendly shortwave and scanner radios"--and tells you how "to set up your computerized shack, develop computerized monitoring strategies, plan databases..." Price is \$22.95 plus the same shipping charges as above.



WHAT'S ON



ENGLISH BROADCAST TO NORTH AMERICA

Daniel Sampson 4 Turtle St. Arcadia, WI 54612 CIS 73540,3025

This months column is brought to you with the help of contributions of schedules from Jason Herrl-GA, Bob Fraser-MA and John Sill-MA. Excuse the small print this month otherwise I would have had to do some chopping to fit it all in.

UTC Time	Station	Notes	Frequencies
0000-0015	R. Sofia, Bulgaria	---	11720, 9700, 7225
0000-0030	R. Vilnius, Lithuan.	---	17690, 17605, 7150
0000-0055	R. Pyongyang, W.K.	---	15130, 13760, 11335
0000-0100	R. Moscow, Russia	---	21480, 15425, 12050, 11950, 11850, 11735, 9870, 9750, 9720, 7115, 6045, 6000
0000-0200	R. Havana Cuba	---	13660 USB, 11950, 9815 USB, 6060, 6010, 6000 SSB
0100-0145	R. Sofia, Bulgaria	---	11720, 9700, 7225
0100-0200	R. Argentina Ext.	Yu-Sa	11710
0100-0200	R. Moscow, Russia	---	21480, 15425, 12050, 11735, 9870, 9810, 9720, 7150, 7115, 6045, 6000
0100-0200	R. Ukraine Int'l	---	9750, 9710, 7240, 7195
0200-0230	IRRS, Italy	---	7125
0200-0300	R. Moscow, Russia	---	21480, 15425, 12050, 11850, 11735, 9810, 9720, 7150, 7115, 6045, 6000
0200-1100	WWCR, U.S.A.	---	5935
0300-0400	R. Budapest, Hung.	---	11910, 9835, 6110
0300-0400	R. Moscow, Russia	---	21480, 15425, 12050, 11850, 11735, 9810, 9720, 7270, 7150, 7115, 6045, 6000
0400-0500	China R. Int'l	---	11680
0400-0500	R. Moscow, Russia	---	11850, 9870, 9810, 7150, 6000
0500-0600	R. Moscow, Russia	---	9870, 9810, 9750, 9685, 7180, 7165, 7150
0630-0700	IRRS, Italy	---	7125
1000-2400	WWCR, U.S.A.	---	15685
1100-1155	R. Pyongyang, W.K.	---	11335, 9977, 6576, 6056
1100-1200	R. Moscow, Russia	---	15210, 9600, 6000
1200-1300	BBC, U.K.	---	15220, 9740, 6195
1200-1300	China R. Int'l	---	9655
1200-1300	R. Moscow, Russia	---	17840, 15210, 9600, 6000
1300-1400	BBC, U.K.	---	15220, 11820, 9740, 9515, 6195
1300-1400	R. Moscow, Russia	---	17840, 15210, 11840
1300-1500	China R. Int'l	---	7405
1400-1455	R. Pyongyang, W.K.	---	15230, 13760, 9630
1400-1500	R. Moscow, Russia	---	17840, 15210, 12050, 11840, 9895, 9825, 9795, 9755, 9540, 7260, 7170
1500-1600	R. Moscow, Russia	---	15210, 13645, 12050, 11840, 9895, 9825, 9795, 9755, 9540, 7260, 7250, 7170
1530-1540	V. of Greece	---	17525, 15650, 15630
1600-1700	R. Moscow, Russia	---	13645, 12050, 12030, 11840, 9895, 9825, 9795, 9755, 9540, 7260, 7250, 7130
1700-1800	R. Moscow, Russia	---	15485, 13645, 12050, 12030, 11770, 9895, 9860
1800-1900	R. Moscow, Russia	---	15485, 13645, 12050, 11770, 9860, 9825, 9755, 9685, 9540, 7260, 7250, 7170
1900-2000	R. Moscow, Russia	---	17625, 15485, 15425, 12050, 11770, 9860, 9825, 9785, 9765, 9685, 9540, 7260
2000-2100	R. Moscow, Russia	---	21480, 17605, 15425, 13645, 12050, 11770, 9860, 9785, 9765, 9685, 7250, 7180
2100-2200	R. Moscow, Russia	---	21480, 17690, 17665, 17605, 15425, 12050, 11950, 11770, 9870, 9860, 9810, 9785, 9765, 9750, 9685, 7180, 7150
2200-2300	R. Moscow, Russia	---	21480, 17690, 15425, 12050, 11950, 11770, 11735, 11700, 9870, 9860, 9810, 9765, 9750, 9720, 9685, 9520, 7180, 7150, 7115, 6045
2200-2400	V. of UAE	---	11815, 11710, 9605
2245-2400	R. Sofia, Bulgaria	---	11720, 9700, 7225
2300-2400	R. Moscow, Russia	---	21480, 17665, 15425, 12050, 11735, 9870, 9720, 7115, 6045
2347-2357	R. Yerevan, Armenia	---	17660, 12065, 11920

SHORTWAVE TO GO!

New and information from the
Shortwave Paradise BBS

Dale Vanderpoel,
Sysop and Editor

BBS: (305) 524-1035
Fax: (305) 524-0005
Prodigy NRGR62A
2008 SW 15th Ave
Ft Lauderdale, FL
33315-1871

* DX News heard from various DX programs in December 1992. First edited November 28; last update December 21.

WESTERN HEMISPHERE

TWR, Bonaire: The following is part of an interview with Chuck Roswell by Ken MacHarg of HCJB, Quito, Ecuador.

<Ken> Is it true that TWR, Bonaire is leaving shortwave?

<Chuck> Yes! We are terminating shortwave broadcasts as of July 1, 1993.

<Ken> Why is TWR leaving shortwave from Bonaire?

<Chuck> It's a mixture of listenership and economics. Basically our shortwave broadcasts have been carried by the programmers paying for the mediumwave. They've received shortwave in addition to the mediumwave broadcasts.

On July 1st TWR is launching a satellite network of AM-FM stations in Latin America.

<Ken> What is going to happen to MW on 800 KHz? I heard that transmitter time is being reduced.

<Chuck> Yes! Effective January 3th we will reduce shortwave to 6 hours each transmitter (a total of 12 hours). Mediumwave will also be reduced.

<Ken> Will *Morning Sounds* still be on MW?

<Chuck> Yes! but, on a shorter time length.

<Ken> What will happen to the transmitters on Bonaire?

<Chuck> The inefficient 250kw transmitter will be dismantled. The 50kw one is staying so as to be brought up "on the air" to test it for any potential buyer.

<Ken> Will *Bonaire Wavelengths* continue?

<Chuck> Yes! till the last Saturday in June, 1993.

<Ken> What will happen to you after TWR, Bonaire's shortwave service closes?

<Chuck> I could be going to one of TWR's transmitting sites in Guam, Sri Lanka, or Swaziland. (DXPL, 12/5)

WEWN: test frequencies which should be on the air anytime now. Some will be used later on for their regular broadcasting schedule. As follows are freqs and times:

5825: 24 Hrs; 6000: 0100-1600; 6185: 0800-1700; 7315: 1300-0000; 7465: 0500-2300; 7540: 24 Hrs; 9350: 0400-0200; 9580: 0800-1700; 9730: 1000-1500; 9985: 0500-2000; 11580: 1200-1900; 11695: 0100-2300; 11970: 2000-0200; 12080: 2300-1800; 13615: 1000-0600; 13710: 2200-1500; 13840: 2200-1800; 15140: 0200-0900; 15170: 1900-2330; 15235: 1900-0000; 15300: 0000-1600; 15430: 2100-0500; 15435: 0900-2100; 15610: 0200-2200; 17510: 1600-1200; 17725: 1700-2100; 17725: 2200-1200; 17850: 1600-2300; 18930: 24 Hrs; 21460: 24 Hrs; 21670: 1200-0600; 21735: 1800-0600; 21840: 1800-0600.

WEWN plans to start regular broadcasting Dec. 28th on the following schedule from 2000-1000 UTC: 7540: 2000-2200; 5825: 2200-0000; 17510: 0000-0100; 9825: 0100-0300; 7520: 0300-0500; 7465: 0500-1000. (WoR #673)

WJCR: has finally come up on 13595 KHz, reception is said to be very good. (WoR #673)

Christian Science Monitor: cuts back foreign language services. The JP, INDO, IT, and GR transmissions have been stopped. EG is now heard in most of those former foreign language service time slots. (RJMR 11/28)

R. Miami Intl: Address is PO Box 526852, Miami, FL 33152 USA Telephone # (305) 267-1728.

Jeff White says they are ready to sign a lease on the land, then construct the transmitter building, put the antenna up, and reassemble the transmitter (which is semi-assembled at a warehouse in Miami) They hope to be doing some tests at WRMI within two months, depending on how long it takes construction workers to build the building. (WoR #670) Jeff White says they look to be on the air in Feb or Mar '93, and adds, "From the very first day, there will be English." (WoR #673)

WWCR: drops WOR at 0730 UTC Tuesday, a new time is 0800 UTC Sunday on 7435 KHz, due to WWCR adding 0800-0900 UTC on 7435. Another group wanted that time weekdays Tues-Sat. *Let's Talk Radio* is interested in the 3 hour block on Sunday 0600-0900 UTC; that would knock WOR off 0800 Sunday, but they would move to 0800 UTC Saturday, and on to 12160, a frequency that *LTR* would like to use 0800-0900 UTC. The last WOR on Mondays at 1330 UTC is on Jan. 4th.

Current schedule for *Glenn Hauser's World of Radio* is as follows:

On *WWCR*: Fri 2215 UTC, 15685 KHz; Sun 0405 + 0800 UTC, 7435 KHz; Mon 0000 UTC, 7435 KHz; 1330 UTC, 15685 KHz. On *WRNO*: Sat 2300 UTC, 7355 KHz; Sun 0300 UTC, 7355 KHz; 2130 UTC on 15420 KHz. (WoR #671)

WWCR: the target date for WWCR's third transmitter to be on the air is May 1st. They are expecting delivery sometime in late April. (WoR #673)

KJES: found back on the air since Dec. 15th. Schedule for the station is: 1300-1600 UTC on 11715; 1800-1900 UTC on 9510 KHz; and again from 2000-2100 UTC on 9510. The station was heard on Thu's and not absent as was the case before on that day. (WoR #673)

KCBI: has a new "out of band" frequency of 15725 KHz replacing part of the schedule of 15375 (announced 2200-0100 UTC but have been heard as early as 1600 UTC.) (WoR #673)

WINB: 15145: 2345-0330 UTC; 15295: to Eur 1600-2100 UTC; 15185: 2100-2245 UTC, and 7170: 2200-2300 UTC. (Karl Kruger, DXPL, 12/20)

KNLS: now broadcast a new DX feature in their EG service called "DX tips for Beginners" series on 0800-0900 UTC- 7365, and using 7355 1300-1400 UTC. (RNMR, 12/20)

WEWN, AL, USA: will test on special frequencies rather than the regular ones they plan to use "on the air" for normal programming. From Dec 28, WEWN will use a limited schedule as they will not have all four transmitters going yet. (WoR #670) Bruce MacGibbon reports hearing WEWN at 2253 UTC on 7540 KHz, with IS, then an ID every 5 minutes. Off from 2316-2319 UTC, then back on till 2332 UTC. (RJMR, 12/20)

R. Havana, Cuba: has left 6060 KHz for 6010 0000-0500 and 6000 0500-0700 UTC. (WoR #670)

R. Havana, Cuba: changes EG to Europe 2100-2200 UTC to 15165 KHz, and to North America 0500-0700 UTC on 9510 KHz. (WoR #672)

R. Caracol, Columbia: Henry Clements reports Caracol sharing transmitter time using two freqs, 6150 KHz from 1100-2330 UTC and 5075 KHz from 2330-1100 UTC. (WoR #671)

R. Macarena, Columbia: reactivated in early November on 5975 KHz as reported by Henry Clements monitoring in Columbia. (WoR #671)

R. Diff Nacional, Bogota, Columbia: heard by Henry Clements on new 9655 KHz from 1800 UTC replacing 11822.5. Reports though say they were heard on 9685 KHz from 1800 UTC, and again from 2300-0330 UTC (Hans Johnson, WoR #671)

R. Catolica, Ecuador: heard on reactivated 3394.8 KHz at 1018 UTC (Hans Johnson, WoR #671)

HCJB, Ecuador: is being heard with good reception on the NEW SSB frequency of 17490 from 0100-0230 UTC in Southeast Asia. (RNMN, 12/3) *DX Party Line* noted on a repeat using 21455 USB at 2039 UTC and again at 2209 UTC though not reported on HCJB? (WoR #673)

R. Cora del Peru: heard with good signals on 4915 KHz at 0416 UTC in SP ending the news. (Marie Lamb, DXPL, 12/12)

R. La Merced, Peru: poor to fair on 6754.4 KHz in SP at 0014 UTC. (Jim Clar, DXPL, 12/12)

R. Poti, Brazil: had on an ID, music from 0100-0300 UTC using 4964. (DXPL, 11/28)

R. Alvorada, Brazil: also heard on 4964 from 01-0300 UTC. (DXPL, 11/28)

R. Inconfidencia, Brazil: had on a program of pop music and PT talk using the frequency of 6010 KHz, heard at 0745 UTC with a fair signal. (Marie Lamb, DXPL, 12/12)

EUROPE

REE, Spain: is leaving 9675 KHz for broadcasting to Africa, and replaces that with 15375 for EG 1900-2000 UTC, and 2000-2100 UTC in FR. (RVI RadioWorld, 11/28)

Deutsche Welle: Karl Kruger found them on 7305 and 9585 KHz to Asia in EG 1600-1650 UTC, dropping 9690 and 9875 KHz. (DXPL, 12/12)

R. Vlaanderen Intl: now has their African Svc on the air 1100-1730 UTC using 17745, and 17540 KHz. (Karl Kruger, DXPL, 12/12)

RFI, Paris: Their latest schedule shows EG 1230-1300 UTC on 9805, 11670, 15425; from 1400-1500 UTC on 11910, 15405, 17695, and from 1600-1700 UTC they use 11705, 17620, 17850 KHz. (Arthur Cushen, DXPL, 12/20)

R. Netherlands: as of Jan 1 1993, RN will be hiring 17 hours a day of airtime via transmitters of R. Moscow. Most transmissions will be // existing programming, except for 1030-1125 UTC. Here are the times, frequencies for those transmissions via Russia.

- 0030-0325 EG (S.Asia) 11675; 0930-1125 EG (E+SE Asia) 9810, (F.East) 7260; 1130-1325 (Indonesian) 9810, 17655; 1330-1425 (Dutch) 9810, 7260; 1430-1525 (Dutch) 7115; 2130-2325 (Indonesian) 9855; 2230-0025 (Dutch) 9855, SW Svc to Dutch Soldiers serving with UN forces in Cambodia (Sunday only); 0800-0925 EG 15210. (RNMN, 11/26)
- Voice of the Mediterranean, Malta:** has EG (followed by AR) on 1557mw and 9765 shortwave from 0600-0800 UTC and again 1400-1600 UTC on 11925 KHz. (Karl Kruger, (DXPL, 12/12)
- R. Budapest:** was found not on 9585 KHz (as listed at 0300 UTC) but found using old 9835 KHz, and // 11910 KHz In EG. (Norm Blakley, WoR #671)
- R. Bosnia:** now heard In Central Europe on 612 mw and 7240 KHz shortwave till 1800, EG news at 2030 UTC. (DXPL, 11/28)
- Croatian Radio:** audible In Europe on mw 1125 and 1134 KHz, and on Shortwave 6210 0400-2000 (Daytime) 9830 0600-1700 (Afternoons). (DXPL, 11/28)
- R. Tirana, Albania:** their current EG schedule to Eur. 1530-1600 UTC on 7155, 9760 KHz; 2200-2230 UTC on 9760 + 11825 KHz. NA 0130-0200 UTC on 9580, 11840; 0230-0300 UTC 9580, 11840 KHz. (RJMR, 12/20)

C. I. S. AND EX-SOVIETS

- University Network:** Dr. Gene Scott started a relay via Russia on Nov 1 In English. It was heard In Japan 0400-0800 UTC on 15315 and 21845 KHz with a very good signal. (RJMR, 12/5)
- FEBC, Russia:** started up a Chinese language service Nov 1. First heard In Japan Nov. 4th 1230-1730 UTC on 6035 KHz. (RJMR, 12/12)
- BBC Relays Via CIS:** will use 9725 KHz from 1330-1545 and 1630-1700 UTC; on 7420, 7330 (EG by radio) 2200-2230 UTC with Chinese from 2230-2300 UTC; using 9845 In Chinese from 1000-1300 UTC; and from the Ukraine 0500-0530 UTC using 12020, and from 2030 UTC on both 7370 and 12020 KHz. (WoR #672)
- R. Ukraine Intl:** announces some new programs. *Ukraine Diary* is reduced to 15 minutes M-Th. New programs include: Mon. *Economy*; Tue. *New Dimensions*; Wed. *Deeper Integration in the World*; Thu. *We Are Ukrainians*; Fri. (old) *Roots*; Sat. (old) *Hello from Kiev*; Sun. (old) *Music from Ukraine*. (WoR #672)
- R. Centras, Lithuania:** was not found on the last Sat of Nov on the usual 9710 KHz at 0700 UTC due to a national energy shortage. Lithuanian Radio has reduced the broadcast hours of its 50kw shortwave transmitter so, it now runs between 1900-2300 UTC instead of "round the clock". The Mediumwave frequency of 666 KHz is now "off the air" between 2300-0400 UTC. There is a growing cost of airtime In Lithuania, and limited budgets for public broadcasting. R. Centras' broadcast for Nov 28th was cancelled because 9710 was "off the air". There is some doubt as to whether the next EG transmission on December 26th at 0700 UTC will go ahead. R. Centras says that finances to hire the airtime are there, but no word is being given as to whether the transmitter will be operational In the morning. (RNMN, 12/3)
- Georgian Radio:** Ernie Behr has found this station again In EG and RU using 9565.3 KHz from 1600-1658 UTC and 0600-0655 UTC on 11805.3 KHz with the first 1/2 hour In EG. (WoR #672)

AFRICA

- RTG, Guinea:** Ernie Behr reports receiving RTG on 7125 KHz opening at 0558 UTC, local music at 0620 UTC, and FR news at 0645 UTC. Signals were strong and loud. (WoR #670)
- RTV Benin:** Roger Chambers heard this station In FR first at 2130 UTC till s/off at 0000 UTC on 4870 KHz. (DXPL, 12/12)
- La Voix du Sahel, Niger:** this hard-to-hear station was heard at s/on 0500 UTC on 5020 KHz with an ID, news. (Roger Chambers, DXPL, 12/12)
- CRTV-Buea, Cameroon:** heard country music on this station running just 4kw on 3970 KHz, of course signal was very poor but what can you expect from 4kw? (Jim Clar, DXPL, 12/12)
- R. Angola, Benguela:** heard on 5041 KHz at 0413 UTC with music. (DXPL, 11/28)

ASIA/OCEANIA

- Kol Israel:** will again carry a Christian service from St. Catherine's church In Bethlehem December 24 starting at 2150 UTC on 15615, 11675, 11587, 7465, and 17575 KHz. (WoR #672)
- Kol Israel:** has new programs and new times, here are a few; *Calling all Listeners* moves from Mon 1400 to Sun 1400; *Israel Sounds* now heard Sun 2230, Thu 1400. *This Land* (a new series) on Monday 1400 + 2000, and Wed 2230 UTC. *Business + Science in Israel* (new) Tue 1400 + 2230 UTC; *Letter from Jerusalem* Fri 1100, 2000, 2230 UTC. (WoR #670)

Voice of Lebanon: heard EG on 6550 KHz, 1800-1809 UTC then music till 1815, into FR. (Arthur Cushen, DXPL, 12/20)

R. Iraq Intl: heard with EG 0345 UTC using 15340 KHz. They had on news to 0405, commentary to 0410, then into AR. (Arthur Cushen, DXPL, 12/20)

Voice of the Mojahed (clandestine station): in Persian 1430-2000 UTC using 7190, 6940, 6730, 6530, 6270, 6005, 5870, 5530, 5230, 5070, 4870, and 4470 KHz. (WoR #672)

UAE R. Abu Dhabi: Alan Rowe gives us the new Nov 92-Mar 1993 schedule of UAE R. Abu Dhabi, it shows EG to NAm 2200-0000 UTC on 11710, 9605. They show a transmission to NwAm 2200-0000 on 11815 and again in EG 0000-0200 on 9505 KHz. (WoR #670)

India: New shortwave coverage was noted from a southern state in India at the Thiruvananthapuram site testing on 5010, 9650, and 6085 KHz anytime from 0130-1600 UTC. 6085 heard with an excellent signal at 0230 UTC with regional tests, local announcements, music, and EG announcements. (RNMN, 12/3)

R. Bangladesh: their external EG broadcasts run daily from 1230-1300 UTC on 11705, and 15200 KHz, also daily from 1815-1900 UTC using of 9570 and 12030 KHz. (DXPL, 12/12)

TWR, Sri Lanka: was to start shortwave here in Sept 1992 but had a lot of problems with the 12.5kw transmitter. Finally they ironed out all those problems, and on Wed Nov 25 they started transmitting on 6035 from 1300-1530 UTC.

A 100kw transmitter is on order. The agreement to allow this will be signed at any time between SLBC and TWR. The 12.5 kw transmitter will be testing in EG, Tamil, and Sinhala with IDs, and music. Once regular service is started the languages served will be Tamil and Sinhala. (RNMN, 12/3)

CPBS, Hulunbeier, China: changes Mongolian service from 4750 to new 6080 KHz. (RJMR, 12/5)

CPBS, Pujiang Zhi, China: changes from using 4950 KHz occasionally for their Mongolian service, to using that frequency on a regular basis. (RJMR, 12/5)

China Radio Intl: changes their freqs to Eur now using 6950 2000- 2200 UTC; and 7170 KHz from 2200-2300 UTC. (Karl Kruger, DXPL, 12/20)

R. Pyongyang: in English to Europe 1500-1600 UTC on 9325 KHz; 1700-1800 UTC on 13730; 2000-2100 UTC on 6576, 9345; 1300-1400 UTC to Eur. 9325, 9345 KHz; to Southeast Asia 0400-0500 UTC on 17765, 15230, and 15180; to the Americas 0000-0100 UTC on 15115, 13760, 11335 KHz. (Karl Kruger, DXPL, 12/20)

R. Japan: has frequency changes as of Jan.3rd because of power increase at Yamato transmitting site, here is the opening frequencies: 1900: NEW 11875; 2100: NEW 15195, 15280; 0300: NEW 17765; 0900: NEW 11890; 1100: 9750, 21610. (RJMR, 12/20)

VOA-(via Thailand Relay): here is the schedule for the relay station:

0100-0130 UTC: 9760	1500-1700 UTC: 9680
1100-1400 UTC: 11785	1600-1700 UTC: 11905
1130-1400 UTC: 9560	1700-1800 UTC: 11855
1400-1500 UTC: 9615	2100-2300 UTC: 6070 KHz.
1400-1600 UTC: 11705	

Voice of the People, Cambodia: received well in EG + FR. The EG transmission goes out from 0000-0015 UTC on 11938 with a rebroadcast 1200-1215 UTC. FR follows at 1215-1230 and 0015-0030 UTC also on 11938 KHz. (RNMN, 12/3)

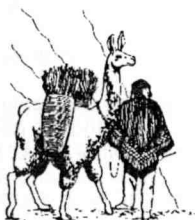
Voice of Indonesia: heard last on 9675 with 250kw to Europe from 1800-2000 UTC. The parallel to 9675 is 11752 KHz. (Tom Sundstrum, RNMN, 12/3)

R. Australia: starts up their new Khmer Service to Cambodia on Dec 1 30 minutes a day 0530-0600 UTC, 17880, 17670. A repeat is planned 1230-1300 UTC on 13755, 9770, 7150. (RNMN, 11/26)

VNG, Australia: this time station is now broadcasting on 5 frequencies 24 hours a day. They are using 2500, 5000, 8638, 12984 and 16000 KHz. (DXPL, 11/28)

R. New Zealand Intl: New Zealand Sports coverage is generally on 9505 KHz past 1210 UTC. Before that time RNZI uses 9700 KHz. RNZI is installing new antennas allowing broader frequency range above 17 MHz and below 9 MHz; they have already indicated they'll use 6035 KHz from 1200-1800 UTC next winter in New Zealand. (RNMN, 12/3) R. New Zealand: changes frequencies 0400-0700 UTC to 15120. (WoR #672)

KSDA, Guam: Guam was hit with yet another typhoon (Typhoon Gay) this last of November 1992. No major damage was done on Guam. Arthur Cushen observed that the Marshall Islands sustained most of the damages. Arthur further reports that KSDA is operating in EG at 0100 UTC on 15610; Saturday, and Sunday broadcasts begin at 0200 UTC on 13720; KSDA again broadcasts at 1600 UTC on 11980; with Saturday, and Sunday beginning at 1700 UTC on the same 11980; Lastly, they have a daily broadcast going out at 2300 UTC on 15610 KHz. (RNMN, 12/3)



WESTERN HEMISPHERE

Don Thornton
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ANTIGUA

- 6085 0206 **DW:** EE: Domestic & international news; "Nickelodeon" music prog; into GG lang lesson (555 11/15 Card-RI)
9670 0507 **DW:** EE: News that French and German farmers oppose the proposed int'l trade agreement (pr-fr 11/27 Famularo Japan)
15220 1130 **BBC:** EE: "Play of the Week" prog this week offering "Duet for One"--rather a sad offering! (554 11/22 Fraser-MA)
17840 1442 **BBC:** EE: Profile and music from a famous Greek balilaka musician--very nice music! (434 11/19 Bellovich-FL)

ANTILLES

- 9535 0330 **TWR:** EE: "Bonaire Wavelengths" w/features on signal propogation and a medium wave loop (544 11/8 Neff-FL) @ 0300 in EE w/IS; ID into "Bible Hour" (353 10/12 Kiselyov-Ukraine)
11895 0935 **RN:** EE: News that the British Gov't says it will pay for the reconstruction of Windsor Castle (343 11/22 Brown-IL)
15345 1120 **TWR:** EE: Weather reports for the Caribbean area as well as for the US & Canada (11/17 Wires-GA)
17605 1950 **RN:** EE: A feature on Dutch explorer Abel Tasman who discovered Tasmania & New Zealand (454 11/11 Fraser-MA)
21515 1830 **RN:** EE: South African President De Klerk says he wants multi-racial elections before April (444 11/27 Brown-IL)

ARGENTINA

- 11710 0203 **RAE:** FF: Multilingual ID; into talks in FF (323 11/10 Bellovich-FL) @ 0125 in EE w/song "My Beautiful Child" sung in SS; news items @ 0128 (434 11/25 Levison-PA)
15345 0035 **R. Nacional:** SS: Talks w/a pediatrician about childhood diseases & problems (444 11/17 Theobald-FL) @ 2330 in SS w/IDs; guitar music; into "Musica del Argentina" (Let's go there and tango!) (555 11/15 Robinson-TN)

BRAZIL

- 3365 0307 **R. Cultura:** PP: Play by play of a soccer game (322 11/6 Bishop-NY)
4755 0225 **R. Dif. do Maranhão:** PP: Pop music; ID; news (353 10/17 Kiselyov-Ukraine)
4805 0125 **R. Dif. do Amazonas:** PP: Portuguese soul music; ads (353 10/17 Kiselyov-Ukraine)
4885 0150 **R. Clube do Pará:** PP: Sertanejo music; (that's the bouncy stuff w/lots of accordions) ID (343 11/7 Westenhaver-PQ)
4895 0820 **R. Baré(t):** PP: Vocals and pop music w/DJ chatter--definitely a Brazilian but no ID heard (pr-fr 11/23 Famularo-Japan)
4985 0548 **R. Brasil Central:** PP: Romantic vocals until formal ID & freqy anmts; ads & promos (353 11/14 D'Angelo-PA)
4915 0000 **R. Anhanguera:** PP: ID; DJ w/lively Brazilian music; some ads (222 11/16 Findlater-CL)
5035 0000 **R. Aparecida:** PP: Ann cr w/prog of Brazilian music inc ments of São Paulo & Belem (222 11/17 Findlater-CA)
5045 0145 **R. Cultura do Pará:** PP: Rock & pop music w/DJ using echo effect; ID (222 11/17 Wolfson-OH)
6000 0400 **R. Guaiba:** PP: Ads; IS; ID & s/off (353 no date Kiselyov)
9645 2252 **R. Bandeirantes:** PP: Soccer commentary w/mentions of São Paulo; ments of Bandeirantes (242 11/11 Westenhaver-PQ)
9675 0325 **R. Cancão Nova:** PP: EZL Lat Am music; jingle ID; a little bit of "Greensleeves"; very calm announcer--is this a religious station? (433 12/7 Brame-IL)
15445 1200 **R. Bras:** PP: ID; "Brazilian Panorama" w/talks about tax reform & inflation (545 12/1 Robinson-TN)

CANADA

- 5960 0339 **R. Japan:** EE: Prog about foreigners working in Japan inc one Filipino college graduate making \$2500 per month scraping paint from buildings (555 11/13 Bellovich-FL)
5960 0000 **RCI:** EE: "World at Six" news prog w/a report about a controversial documentary series abt World War II (444 11/11 Biczak

6070 1315 **CFRX:** EE: Talks about World Series celebrations (322 11/29 Cichorek-NJ) @ 0305 in EE w/sports news & traffic information followed by Larry King talk show (444 11/1 Millard-TX)

6095 0311 **DW:** EE: An interview concerning the firebombing of a building housing Turkish immigrants w/in Germany (544 11/24 Brown IL)

6120 1130 **R. Japan:** EE: "People" prog w/a report on how the Japanese people seem to forget their past (554 11/11 Fraser-MA)

6130 1321 **CHNX:** EE: Paul Simon singing "Kodachrome"; talks about the differences in melodies now as opposed to the '60s (333 11/29 Cichorek-NJ)

6160 1130 **CKZN:** EE: Sports report; into local news inc reports about layoffs in Labrador mines (333 11/10 Evanchuck-OH)

6175 0030 **BBC:** EE: "Omnibus" prog w/feature "Coleridge in the Quantocks" the story of the poet's travels in the mountains (554 11/11 Fraser-MA)

9590 2215 **BBC:** EE: "Seeing Stars" w/talks about the return of Comet Swift-Tuttle which might hit the earth in 2126 (554 11/1 Fraser-MA)

9650 1130 **R. Korea:** EE: News that Yeltsin arrives for talks on Wednesday; "Seoul Calling" w/a report on fast food stands (555 11/17 Brown-IL)

9755 0405 **R. Monte Carlo:** AA: News read by a M w/report on Addis Ababa (434 12/3 Brame-IL)

9760 0200 **RCI:** EE: Election talk; ID; prog of music & cultural affairs (exc 11/9 Wires-GH)

11750 0137 **BBC:** "Waveguide" w/an explanation of antennas and interference (444 11/25 Brown-IL)

COLOMBIA

4865 0024 **LV del Cinaruco:** SS: Sports interview; talks about the 1994 Pan American Games (332 11/15 Bickus-VH) @ 1130 in SS w/IDs & "Programa Campesino" inc news & ads for a bank (545 12/3 Robinson-TN)

4885 1058 **Ondas del Meta:** SS: ID; talks in SS (222 11/25 Wolfson OH)

5050 0320 **LV de Yopal:** SS: Lite pop music; many "LV del Yopal" ads; ID & off w/NA @ 0356 (222 12/1 Fisher-MA)

6116 2300 **LV del Llano:** SS: Prog of music, news & cultural events (good 11/10 Wires-GA)

9685 2310 **R. Nacional:** SS: Musical program w/mainly SS selections. No ID until closing anmt @ 2355. New freq? (343 11/11 Westenhaver)

17865 0015 **R. Nacional:** SS: Colombian national news; short ads; ID (333 10/12 Kiselyov-Ukraine)

COSTA RICA

5030 0400 **AWR:** EE/SS: ID in EE; M preacher w/sermon & Bible talks; hymns; 0458* (333 11/17 Findlater-CH)

5055 0129 **Faro del Caribe:** SS: M hosting a presumed religious prog; ID (222 11/17 Wolfson-OH) @ 0335 in SS w/a relig broadcast from Queensland, Australia about the history of Judea and Israel (333 11/18 Pasquale-PI)

5970 0154 **R. Exterior de España:** SS: IDs; IS; usual one hour prog block from this station (343 11/7 D'Angelo-PA)

9722 1232 **AWR:** EE: Light religious song; ID as "Voice of Hope from Costa Rica" (242 11/11 Westenhaver-PQ)

13630u 2250 **RFPI:** EE: M w/lecture on Monsanto's genetic engineering on potatoes and how this is a bad thing (444 11/10 Newbury-NE)

13750 1223 **AWR:** EE: EZL inst'l religious music; @ 1225 ID into canned relig prog (232 11/15 Westenhaver-PQ)

15030 2150 **RFPI:** EE: Disc by W on the environment of Puerto Rico; also talks abt the diet of Puerto Ricans (333 12/3 Rontanini FL) @ 1256 in EE w/talks about the building of the new RFPI antenna (443 11/14 Neff-FL)

CUBA

5025 0000 **R. Rebelde:** SS: Prog of news & music; ID (good 11/10 Wires-GH)

6000 0530 **RHC:** EE: News about the attempted coup in Venezuela (444 12/1 Dome-TX)

6010nf 0420 **RHC:** EE: Coverage of arrival in Cuba of US group bearing humanitarian supplies--runs from 0000-0500 (343 11/24 Westenhaver-PQ)

6060 0215 **RHC:** EE: "DXers Unlimited" prog w/host Arnie Coro talking about propagation cycles & solar flux (exc 11/10 Wires GA)

9655 0405 **RHC:** EE: News inc police are looking for weapons in Venezuela (433 12/3 Brown-IL)

9660 0421 RHC: EE: Listener's letters inc a letter from a listener in Kenya (333 11/15 Brown-IL)
 9815 0015 RHC: EE: SSB transmission of "Spotlight on the Americas" w/an editorial on Brazilian street children (454 11/25 Fraser)
 11760 0130 RHC: SS: News about President Casto & commentary on Venezuelan politics (555 11/29 Robinson-TN)
 17705 2120 RHC: EE: Discussion on the shortage of medical supplies in Cuba (444 11/28 Cichorek-NJ)

DOMINICAN REPUBLIC

4960 0209 R. Cima Cien: SS: Non-stop merengue music; lots of voice-over slogans; ments of "La Estrella" (343 11/7 Westenhaver PQ) @ 0150 in SS w/lively Lat Am music inc a SS version of "Jingle Bells"; ments of "Cima" (333 11/24 Brame-IL)
 6025 2350 R. Amanecer: SS: Talks show in SS; ID (323 11/9 Dome TX)
 6295 2315 R. Estrella: SS: Lat pop music; ID as "Esta es Radio Estrella, Santo Domingo" (333 12/11 Fisher-MA)

ECUADOR

3220 0302 HCJB: SS: New inc ments of Washington, DC (322 11/6 Bishop NY)
 4770.8 0140 R. Centenila del Sur: SS: Mix of various styles of pop music; ID; gone at 0210 recheck (343 12/17 Thornton-NJ)
 4819.8 1028 R. Paz y Bien:(t): EE: Presumed reactivation w/church bells & various prayers (343 11/7 D'Angelo-PA)
 5010 2316 Escuelas Radiofónicas Populares: SS: Vocal music w/talks by M between selections; ID @ 2326 (343 11/15 D'Angelo-PA)
 5030 1140 R. Católica: SS: Vocal music; ID @ 1149 (333 11/21 Hart MN)
 15155 0040 HCJB: EE: News that Vietnames refugees are broadcasting their "Voice of Freedom" prog via R. Moscow transmitters (544 11/21 Neff)
 17490 0315 HCJB: EE: SSB test transmission w/Bible readings (444 10/2 Kiselyov-Ukraine)

FRENCH GUIANA

11680 0418 R. China Int'l: EE: ID; prog about foreign companies drilling for oil in China (555 11/13 Bellovich-FL)
 15300 2100 RFI: FF: News; into pop music prog (333 11/16 Findlater CA)

GUATEMALA

3300 0210 R. Cultural: SS: ID folowed by vocal music in SS (333 11/9 Theobald-FL) @ 0258 in EE/SS first w/pop music in SS; ID @ 0301 in SS; into relig prog in EE (322 11/6 Bishop-NY)
 3325 1140 R. Maya de Barillas: SS: ID; vocal version of "The Old Rugged Cross" (545 11/28 Robinson-TN)
 4800 0030 R. Buenas Nuevas: SS: Hymns sung in SS by a congregation; 0045* w/ID "TGMI, R. Buenas Nuevas" (433 11/24 Brame-IL)
 4835 0055 R. Tezulutlán: SS: Long talks w/many IDs; jingle at 0000; many ments of "Maria" (434 11/25 Bellovich-FL)
 4845 0130 R. K'ekch'i: SS/Vern: Traditional music sung by children; news 'desde Guatemala'; ID (444 11/14 Robinson-TN)

HONDURAS

3250 0105 R. La Luz y Vida: SS: ID; "How Great Thou Art" IS; into relig prog (333 11/30 Dome-TX)
 4820 0320 LV Evangélica: SS: Closing of Christian prog in SS; into another religious program (322 11/6 Bishop-NY)

MEXICO

6010 0300 R. Mil: SS: ID; jingles; into call-in prog (333 11/11 Millard-TX) @ 1250 in SS w/news inc sports; thought I heard call letters 'XEOE' in SS (343 12/14 Johnson-IL)
 6185 0520 R. Educación: SS: Soft jazz music until 0530; ID w/freqy anmts (433 12/14 Johnson-IL) @ 0400 in SS w/American crooner singing "Home Alone" & "Saturday Night Ball" (555 11/1 Newbury)
 9600 1234 R. Universidad: SS: Classical music until 1336; ID w/partial freqy anmts; into more vocals (252 11/8 D'Angelo-PA)

PARAGUAY

9735 2330 R. Nacional de Paraguay: SS: News & music in SS (exc 11/10 Wires-GA)

PERU

4775 0410 R. Tarma: SS: Live sports event (basketball?) between teams Tarma & Huanco; ads & ID (242 11/8 Westenhaver-PQ)
 4790 0320 R. Atlántida: SS: M anncr w/talks in SS (221 11/6 Bishop NY)

4991 0430 R. Ancash: SS: IDs; into Andean music (333 11/12 Bagozzi CA)
 5097 0650 R. Eco: SS: Solid ID; into Lat Am music (322 11/17 Millard TX)
 5338.9 0957 R. Lider: SS: Prog of huaynos music; IDs w/ments of trans-
 mitting from Cajamarca (353 11/7 D'Angelo-PA)
 6734.4 0110 R. Satellite: SS: Lat Am music w/anncr shouting "Atención,
 Santa Cruz" after each selection; ID (232 11/25 George MA)

PIRATES, CLANDESTINES & UNIDS:

7410 0231 North American Pirate Radio: ID & s/off; Wellsville NY PO
 address (333 11/26 Fisher-MA)
 7414.9 0043 Weed Radio: EE: Rock music; IDs; talks about the FCC & free
 speech; commentary about marijuana (222 11/22 Wolfson-OH)
 7415 1500 R. Esoterica: EE: Music from Cameroon & Iceland; ID (333
 11/15 Fisher-MA)
 7415 2247 He Man Radio: EE: Anti-Kristen Kaye commentary; ID 2300*
 (333 12/5 Fisher-MA) (Dysfunctional kids playing radio?--ed)
 74151 0235 Plan 9: EE: Truly wierd skits; ID w/announced Tennessee QTH
 (444 11/15 Evanchuck-OH)
 7415 0202 Voice of Bob: EE: IDs; music ads; (222 11/29 Wolfson-OH)
 7415.5 0139 WKIK: EE: Rock music; rap comedy record; "Ghost Busters"
 spoof (222 11/22 Wolfson-OH)
 7416 2350 Pirate Radio Boston: EE: Music by Black Uhuru & Van Morrison;
 mailbag prog (333 12/11 Fisher-MA)
 7416.3 0304 R. Airplane: EE: ID; anncd as b'casting from skies over North
 America; music (222 11/22 Wolfson-OH)
 74181 2300 Romantic Space Radio via Radio USA: EE: Anncd Moscow QTH for
 Space Radio; Mr. Blue Sky hosted prog (433 11/21 Pasquale PA)
 15425 2350 Creole Gumbo Radio: EE: Presumed Pirate w/Mr Twister the host;
 rock and Cajun music (544 11/8 Bicus-VA)

UNITED STATES OF AMERICA

6536 0430 R. New York Int'l: EE: Bush bashing night including some
 unprintable remarks from the prog host (555 11/2 Newbury NE)
 (Must be a mixing product from WWCRs two transmitters! ed)
 7405 0100 VOA: EE: News and commentary from VOA (exc 11/9 Wires GA)
 7435 0000 WWCR: EE: "World of Radio" #670 (544 11/30 Dome-TX)
 9350 0350 WCSN: EE: Benediction; 0400* (454 11/3 Lukas-NY)
 9760 1400 VOA: EE: Prog of news & commentary (exc 11/12 Wires GA)
 11695 0006 VOA: EE: "Mack the Knife" played by Louis Armstrong (252
 11/3 Lukas-NY)
 13845nf 1908 WWCR: EE: Dr Gene Scott preaching that "the spiritual life
 removes the need for money"; per gh on "World of Radio", this
 freq runs from 1400-0100 (444 11/11 Westenhaver-PQ)
 15375 2038 KCBI: EE: Religious music; appeal for money (323 11/20
 Bellovich-FL) @ 2300 in EE--they're back!--w/Dr. Gene Scott
 prog; ID w/sked (544 11/25 Brame-IL)
 15410 1900 VOA: EE: World new & commentary from the VOA (exc 11/13 Wires)
 15420 1800 WRNO: EE: Football game play-by-play with my beloved Dolphins
 getting their butts kicked by the Saints (555 11/29 Evanchuck)
 15630 1910 WWCR: EE: Prog about tour of old Jerusalem tunnels and tour
 (554 11/8 Neff-FL)
 25870 2026 WFLA: EE: Call in prog with the topic "Is AMWAY a Ripoff?"
 I telephoned in my report and heard greeting over the air
 (good 12/2 Newbury-NE)

URUGUAY

11835.6 0854 R. El Espectador: SS: Talks, TC; ads & prog promos; ID @
 0900; ments of Uruguay (fair 11/20 Famularo-Japan)

VENEZUELA

4830 0100 R. Táchira: SS: Lively traditional music; ID into ads for
 a Mexican company (423 12/3 Brame-IL)
 4970 0135 R. Rumbos: SS: Pop music inc "El Centro de mi Corazón"
 (332 11/11 Bickus-VA)
 4980 0039 Ecos del Torbes: SS: Pop music inc "Yo no Quiero su Amor;
 political announcement (443 11/15 Bickus-VA)
 9540 2137 R. Nacional de Venezuela: EE: Feature about the search for
 El Dorado by early explorers (343 11/8 Neff-FL)

FILL THAT GAP! Only four pages this month because contributions
 were off, especially for this time of year. I trust you have already heard
 that TWR Bonaire will be leaving shortwave in mid 1993, presumably because
 this operation is not cost efficient...until next month remember to have fun
 with your radio

73s and good DX *dlm*



LATIN NOTEBOOK

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

The other morning I tuned in **Radio Ondas de Rio Mayo** in Nueva Cajamarca, Peru. I wasn't DXing. I was just enjoying the music, good Peruvian music with enough *saludos* and early morning commentary to make it sound like real people. Then at 10:30, a psychologist came on, a regular program diagnosing illnesses that people wrote in about. In most cases, the diagnosis was *brujeria* and the recommendation a *limpia*.

Perhaps it's "just in case;" but if a belief in witchcraft is not universal in Latin-America, belief in its countermeasure, the *limpia*, is, and it exists quite apart from religion. Several churches practice faith healing, but this is to cure illness, not to counter witchcraft. *Limpias* are performed by psychologists, spiritual advisors, and "old Indians." Although the address and office hours where *limpias* are performed are stressed during the broadcasts, the programs are not completely commercial, but are more real-life dramas used by the station to attract listeners.

Limpias are referred to, but never described, on radio. Published descriptions are limited to anthropological papers and esoteric books. Some have taken on Christian aspects, and most churches tolerate rather than oppose them. But they are part of Latin-American culture and a pivot for many early-morning broadcasts. In hope that it will help you tune Ondas de Rio Mayo more as an SWLer and less as a DXer, this story is from my limited personal experience.

It was years ago. The Mexican economy was down and a couple of engineering projects that I had sewed up fell through. It was hard luck; but my friends who had more faith in my stars than I had said it was witchcraft: It was time for a *limpia*, but by someone very special.

It developed that a lawyer who was taking care of the President's investments in American real estate had an Indian grandmother who had years ago performed *limpias*. It wasn't easy, as she'd been wearing shoes for ten years, but she was persuaded to come out of retirement "for this once." She was one of those Indian women whose strength of character vibrated through everything she did, delicate yet immeasurably strong.

To perform a *limpia*, one must know the exact nature of the curse they're trying to remove. Most use cards to interpret the details, but she had asked me to bring four dried chiles. She threw them into the fire. They crackled, sputtered, and twisted into contorted shapes. She studied them for a long while and then said it was the worst she'd ever seen. It would be a difficult *limpia*, but she thought that she could manage.

We went into the patio. In the exact center, there was a blanket spread in the sun. I lay down and closed my eyes. She lit a fire, a scented smoke that I could not identify. She began to chant and brush me with a handful of aromatic plants. It was hypnotic. I drifted off, floated into nothingness. I was exhausted.

I slept for half an hour. When I awoke, I asked my wife, "Where's Doña Maria?" "Upstairs," she said. "She was too tired to wait for you to wake up."

A month later, I saw the grandson. "How is your grandmother?" I asked. "She's all right now," he said. "She can walk. Her legs were paralyzed for three weeks after that *limpia*."

There was no dramatic change in my life at that point, but those involved were awed by the strength and magnitude of the forces that were moved that day.

Three times during the broadcast, the psychologist said *brujeria* and recommended a *limpia*. I wonder what forces were moved by that almost matter-of-fact radio broadcast.

NEIGHBORS TURNED OFF BY WEWN

Greg Garrison
Birmingham (Alabama) News

Atop one of the tallest mountains in Alabama on Monday, TV nun Mother Angelica showed off her newest network, touting the shortwave radio station WEWN as a way to share God all over the globe and send hope in times of crisis.

"There are millions of people in those newly freed Communist countries who have never heard of God or who have been told there was no God," she said. "I want to reach the heart of the people."

But the station, which begins broadcasting December 28 from a mountain on the border of Shelby and St. Clair counties near Vandiver, arrived this year to a cold reception from neighbors who have sued the network and Alabama Power Company.

Residents along the mountain, which rises to an elevation of 1,200 feet, said they resented WEWN taking over an old logging road, clearing off the picturesque peak, and bringing Alabama Power in to install a substation and zigzag large power lines across land served by the lines of the Coosa Valley Power Company.

"They've taken a pristine area everybody wanted to preserve and ruined it," said Dr. Lane Friedman, a physician practicing in Las Vegas who grew up in Birmingham and owns 180 acres on the mountain. Friedman has sued the network for trespassing on his property and widening the old road that curves up the mountaintop. "That road is on my property," he said. "They wanted a right of way and initially offered me a dollar. They proceeded to use the road at will. I never wanted it to be a public road and it never has been."

Matt Scalici, senior vice president of engineering for Eternal Word Television Network in Irondale, said the road has been in use for more than 80 years, and EWTN and its radio service have the right to use it. As for the environment: "It all depends on your perspective," Scalici said. "Environmentally, we haven't destroyed anything." Construction work, which began in April 1991, required clearing about 10 acres of trees and draining a man-made pond, but the area will be revegetated and landscaped, he said. "It will be quite beautiful."

Friedman said if the road that goes through his property is public, the radio station shouldn't have it blocked with a large security gate at the entrance to its 160-acre mountaintop complex. "They want to have it both ways. They want to close it off at the top yet call it a public road."

Fitts Smitherman, a landowner and retired businessman who was a member of the Birmingham Water Works and Sewer Board from 1972-82, said that since the road was closed, it cut off the main access he had to his property on the other side of the mountain. "They've just run over us right and left," he said. "The problem is that they're upsetting the lives of families who have lived here for generations."

Scalici said Smitherman never asked for access; and, besides, the road ends and turns into a small trail, formerly used by some people for recreational riding, on the property bought by EWTN. "There's no property owner who needs access on the other side," he said. "The road does end on our property."

The fence surrounding the transmitting facility, topped by razor wire, was necessary for safety, Scalici said. "There is a radiation hazard near the antennas, but not beyond the fence line. Most definitely, in the antenna field itself it would be dangerous."

Although the danger is relatively slim, precautions are taken to prevent long-term exposure to high voltage and radiation. The transmitter building has copper mesh between the concrete wall and the brick exterior, and in the ceilings and floors.

Ed Evans, senior station manager at Christian Science Publishing's WSHB in Pineland, SC, agreed that there is no danger to anyone outside the fenced-in area. Evans said that WSHB was previously the largest privately owned shortwave radio operation in the world, but that Mother Angelica's project has exceeded it.

So far, the effort to add shortwave radio to EWTN's outreach capability has cost \$20 million, Scalici said. All of the cost for the radio operation has been picked up by Dutch philanthropists Piet and Trude Derksen. Derksen sold his sportswear company and build 14 amusement parks before retiring, Mother Angelica said.

Derksen's money bought the best for WEWN: four 500-kW transmitters from Continental Electronics in Dallas. "They are the most modern and powerful made in the world today," Scalici said.

Mother Angelica, who founded her TV network in Irondale in 1981 next to her Our Lady of the Angels Monastery, envisions being able to send prayer messages to any part of the world in the event of a catastrophe such as an earthquake. The most vital need for emergency victims is prayer, she said. "They need to pray. Before the bulldozers get there, I want to get there and give them hope."

Audio from Mother Angelica's TV shows will be aired on shortwave, along with Scripture readings, prayers, and devotional programs. The tapes to be played on shortwave radio are being made at EWTN and at a studio EWTN owns in Rome, Italy. Programming has been done in more than 20 languages. "Our aim is to get 52 languages," Mother Angelica said.

Enriching and expanding Catholicism also will be a goal, she said. "As a Catholic, we do have doctrines and dogmas and depositories that I'd like to explain."

While Mother Angelica talks of worldwide evangelistic outreach, the disrupted residents of Vandiver discuss more mundane problems. "Whatever they do on the top of the mountain doesn't bother me," said Buford Brasher, showing where Alabama Power cut a 100-foot-wide swath through his 40-acre plot to make way for power lines to WEWN. "My daughter had planned to build a house. The right-of-way is right up there where she was wanting to build." The property was ruined for that purpose, and the value of his land was degraded by the way the power lines cut through, he said.

Dennis Murphy, who raises thoroughbred racehorses and is an international show-jumping rider, also said an entire section of his property has been devalued by Alabama Power. "They came right through the middle of my property."

A petition with 34 names was gathered at Vandiver Community Center on November 4, 1991, protesting Alabama Power's handling of the installation of power lines.

Michael D. Garrett, vice president of the Birmingham Division for Alabama Power Co., said he reviewed the possibilities for routing the power line and said alternative routes were impractical because of inaccessible mountain terrain. Going straight up the mountain or coming in from the opposite, less residential side was not possible, he said.

Alabama Power corporate spokesman Chris Conway said that the situation was handled according to standard procedures: Complaints were heard, alternative routes examined, and court permission obtained. "There will always be people not satisfied," he said. "It was a difficult location. The alternatives were not acceptable."

Shelby County Probate Judge Thomas A. Snowden Jr., who on June 26 denied Alabama Power's application for condemnation but was overturned, said he visited the site, talked with engineers for both sides, and thought Alabama Power inconvenienced itself at the unnecessary expense of residents. "I thought there was a better way," he said. "They should have presented an alternate plan to avoid disrupting so many property owners...They could have done less harm with a more direct route."

Shelby County Circuit Judge Al Crowson ruled August 6 in favor of Alabama Power, which posted bonds on its proposed settlements to eight landowners—ranging from \$300 to Dianne Brasher Poe to \$13,210 to Dennis Murphy—and began work. The residents are pursuing a lawsuit against Alabama Power.

Although residents of the area voted to be served by Coosa Valley Power rather than by Alabama Power, the radio station is a large enough commercial customer that it could select who to buy from. But EWTN executives expressed concern at the way Alabama Power handled the situation. EWTN President Bill Steltemeier wrote a letter to Alabama Power last year after the community meeting, expressing surprise at the complaints from area residents. "It is my sincere desire that [Alabama Power] immediately address the above concerns of the Vandiver community," he wrote. "I do think this is a serious problem." Scalici said EWTN didn't mean to get on the wrong side of its neighbors. "The power company has a tendency to be a little strong-armed."

Steltemeier and Scalici said that building the station and getting the power company to run in new lines was bound to leave people upset. "You're always going to have that," Steltemeier said. "You can't satisfy everybody."

EUROPE



BOB COLYARD
84 HARRISON AVE
BRICK, NJ 08724

I hope everyone had a nice Holiday. Mine was spent working! (At least it helps to pay the bills.) Hopefully I won't have to work the weekend of the "Winterfest". I look forward to meeting new SPEEDXers each year, and putting faces to the familiar names of contributors. Till next month..!

ALBANIA

Radio Tirana

9580 0233 RT: EE: //11840(423); Man w/news & "Albania Week in Review", with mention of five pointed star removed from flag because of communist symbolism. (534 11/17 Bellovich-FL)
9760 0300 RT: Albanian; Rock mx w/Albanian lyrics. (exc 11/9 Wires-GA)
11825 2200 RT: EE: news & music. (good 11/9 Wires-GA)

AUSTRIA

Radio Austria Int'l

6015 0530 ORF: EE: //6155; News, mx & cultural events. (gd 11/9 Wires)
9870 0130 ORF: EE: News & "Report From Austria". (333 11/10 Brown-IL)
2330 ORF: EE: News & music. (good 11/12 Wires-GA)
13730 0130 ORF: EE: "Report From Austria" (111 11/20 Bishop-NY)
0533 ORF: EE: News & ID "R. Austria Int'l" (pr 11/23 Famularo-JP)
1230 ORF: EE: Report on world war II code talkers w/Navajo Indian, "We were top secret!". (545 11/15 Robinson-TN)
21490 1630 ORF: GG: News & rock & roll music. (gd 11/9 Wires-GA)

BELGIUM

Radio Vlaanderen Int'l

5900 0917 RVI: FF/Dutch: Woman w/brief FF talk & pop music; Dutch man w/bilingual phone call; faded out into ute QRM. This may be repeat of bilingual program for Belgian soldiers which runs on Saturday nights. (222 11/8 Westenhaver-PQ)
9930 0030 RVI: EE: News & Frans Vossen's "Radio World", then "Belgian Tourism". (555 11/8 Card-RI)
0030 RVI: EE: An interesting report on the Antwerp Book Fair. (333 11/11 Biczak-NJ)
0035 RVI: EE: Press review by woman. (354 10/31 Humenyk-ONT)
11695 0740 RVI: EE: "Radio World" w/lots of SWL info; then talk on King Leopold's tyranny & his conservation of nature; ending with "Brussel's Calling" ID @0755*. (fr-gd 11/23 Famularo-JP)

BULGARIA

Radio Sofia

7225 2342 RS: EE: ID & folk music; then talk on 3000-year old cave paintings not far from Sofia. (333 11/12 Westenhaver-PQ)
9700 0447 RS: EE: Music, program notes & report on a student exchange program in Bulgaria. (433 11/17 Brown-IL)
0500 RS: EE: Program of Bulgarian pop music. (exc 11/10 Wires-GA)
17780 1830 RS: Bulgarian: Pop music & talk. (good 11/10 Wires-GA)

CYPRESS

Cypress Broadcasting Corp

9770 2215 CBCC: Greek: Starts w/Greek music, then into news by woman; @2230: more music, and talk. On Friday & Saturday till 2245. (good 11/13 Wires-GA) (Sorry, Bill, no time to forward it. BC)

CZECHOSLOVAKIA

Radio Czechoslovakia

5930 0030 RC: FF: ID & news of Alexander Dubcek; "..chateau de Prague". (555 11/15 Robinson-TN)
5960 2206 RC: EE: News on Slovakia's independence from Czechoslovakia; staion ID & into "Magazine 92". (444 11/20 Bellovich-FL)
7345 0113 RC: EE: Man w/report on businesses in Czechoslovakia. (555 10/29 Humenyk-ONT)
9605 2200 RC: EE: News, music & talk. (good 11/12 Wires-GA)
15520 1650 RC: FF: Talk, music bridge and ID as "Radio Tchecoslovaquie Internationale", then closing anmt, music & off @1657*. Heavy QSB. (242 11/11 Westenhaver-PQ) (323 11/23 Dome-TX)

FINLAND

Radio Finland

- 9560 0245 RF: EE: IS, ID, "Compass North" & news; weather in Helsinki and talk on the devalued krona. (333 11/19 Brown-IL)
 15400 1230 RF: EE: "Compass North" w/talk of Finland's jobless rate being 12%. (555 11/12 Robinson-TN)

FRANCE

Radio France Int'l

- 7135 2033 RFI: Romanian: //9805; Man w/news & comment. (11/23 Wolfson)
 11660 0823 RFI: FF: Man w/news; 0829*; PWBR-92 lists this 0800-0830 as to Antarctica. (fair 11/30 Famularo-JP)
 15365 1245 RFI: EE: Review of the French newspapers, bashing the US. (What else is new!) (433 11/3 Millard-TX)
 17650 1450 RFI: EE: Talk on US elections. (353 11/3 Neff-FL)

GERMANY

Deutsche Welle Voice of America

- 3995 0315 DW: GG: Two men w/talk. (322 11/6 Bishop-NY)
 5995 0442 VOA: EE: ID & music by Nat King Cole, then report on students stuck on college campuses for the holidays. (333 12/5 Brown)
 6005 2255 RIAS(tent): GG/EE: Strange "Hollywood mideast" music (sort of "Helmuth of Arabia") w/GG narration; 5-TP @2300, then talk & mx but w/EE narration; very messy channel. (333 11/6 WW-PQ)
 6120 0335 DW: EE: Report on immigrant attacks and questioning Germany's policy. (333 11/27 Brown-IL)
 7275 0400 DW: EE: News & music. (exc 11/11 Wires-GA)
 0437 DW: EE: Discussions on ways of reducing CO2 emissions, w/use of new fuels & research. (333 12/4 Brown-IL)
 13790 1900 DW: EE: News & music. (exc 11/11 Wires-GA)
 17675 0853 DW: EE: 7 minutes of EE IDs & IS; then off. (pr 11/26 Famularo)
 25740 1318 DW: GG: Talk about (vintage) opera singer, playing some of her arias from a 1936 recording of "Carmen"; some QSB but not too bad. (242 11/7 Westenhaver-PQ)

GREECE

Voice of America Voice of Greece

- 7450 2330 VOG: EE: //11645; News in EE to 2345. (gd 11/9 Wires-GA)
 9395 0033 VOG: EE: Talk on Greek/Russian relations, Albanian aid & Greek archeological finds. (554 11/6 Bickus-VA)
 9420 0320 VOG: Greek: Greek pop music. (good 11/6 Wires-GA)
 9700 1542 VOA-Kavala: EE: Talk on problems homosexuals have obtaining health insurance. (333 12/2 Blair-CA)
 9935 1408 Radiofponikos stathmos Makedonias: Greek: Slow chant-like singing by man accompanied by flute. (fair 11/17 Famularo-JP)
 11645 0020 VOG: Greek: ID & traditional music/vocals; news & into some classical music. (555 11/14 Robinson-TN)
 11875 0635 VOA-Kavala: FF: Talk on Clinton & Gore. (333 11/17 Millard)

HUNGARY

Radio Budapest

- 9835 0350 RB: Hungarian: Music & "DX World". (exc 11/11 Wires-GA)
 11910 2250 RB: EE: Music & "DX World". (exc 11/10 Wires-GA)

ITALY

Radiotelevisione Italiano

- 6210 0310 European Christian Radio(tent): German vocal & inst music; this could be ECR except for time. (333 11/3 Dome-TX)
 (Continuous music probably means it's Croatian Radio! BC)
 7125 0713 IRRS: EE: Christmas music, US oldies, & requests for letters to IRRS Shortwave, PO Box 10980, 20110 Milano; weak & buried by (tent)Guinea, but better @0846. (353 12/10 Quaglieri-NY)
 7140 0815 Radio Italia Int'l: II: Mx by Genesis; lots of ads/ID jingles; heard to past 0832; distorted audio. (333 12/10 Quaglieri-NY)
 7235 2045 RAI: EE: //9575, 11800; news & ID. (good 11/10 Wires-GA)
 7275 1935 RAI: EE: //9710, 11810; news. (good 11/10 Wires-GA)
 9575 0105 RAI: EE: News item on Euro-Russian space research plans. (444 11/12 Fraser-MA)
 11800 0100 RAI: EE: News on Dubcek's wake & Ukrainian coal strike, then music & vocals. (523 11/14 Bickus-VA)
 0100 RAI: EE: News of Italian privatization law. (444 11/18 Fraser)
 2300 RAI: II: News & music. (exc 11/10 Wires-GA)
 17795 1600 RAI: II: //21560(222); "Domenica Sport", "toto calcio" scores. (322 11/1 Rontanini-FL)

ENGLISH Broadcasts from RAI

(ANARC BBS)

Target	UTC	kHz
Great Britain	1935-1955	7275, 9710, 11800
Mediterranean	0425-0440	5990, 7275
Near East	2025-2045	7235, 9575, 11800
Japan	2200-2225	5990, 9710, 11800
North America	0100-0120	9575, 11800

ICELAND Icelandic National Broadcasting
13855 2000 Rikisutvarpid: ID, news & talk. (333 11/11 Millard-TX)

LUXEMBOURG Radio Luxembourg
6090 0710 RTL: GG: Rock music: "Mr. Tamborine Man". (333 11/17 Millard)

MALTA Deutsch Welle Voice of Mediterranean
9565 0102 DW: EE: //11865(322); News of Germany taking Bosnian refugees before Xmas; then "European Journal" (433 11/11 Bellovich)
11925 1452 VOM: EE: News of UN involvement in Bosnia; man w/anmts and into Arabic @1500. (232 11/30 Blair-CA)
15105 1623 DW: EE: Israel condemns German racism. (fr 11/25 Famularo-JP)

NETHERLANDS Radio Netherlands
9590 0330 RN: EE: IS, ID, news & "Happy Station". (555 11/2 Dome-TX)

NORWAY Radio Denmark Radio Norway Int'l
9565 0200 RNI: Norwegian: News, dialogue & music. (333 11/18 Findlater)
9590 2000 RNI: Norwegian: Man w/news on Africa. (11/16 Wolfson-OH)
21705 1205 RNI: EE: //17860; W w/phone conversation. (344 10/24 Humenyk)
25730 1343 RD: Danish: Commentary by woman & taped interview by W/M. (354 11/24 Humenyk-ONT)
In February, Radio Norway will cut all Saturday English broadcasts, leaving English on Sunday only. (SCDX 2168) BC

PORTUGAL Radio Portugal Voice of America
7200 0500 VOA-Gloria: Ukrainian: Woman w/nx & talk. (222 11/20 Findlater)
9570 0231 RDP: EE: ID, program notes, news & wx: cloudy in Maderia. (433 11/18 Brown-IL)
9600 2215 Radio Renascenca: PP: Talk on arts. (454 10/21 Kiselyov-UKN)
15375 1518 RCI-Sines: EE: Woman w/"weather across Canada", and man with sports results. (233 10/24 Humenyk-ONT)
17865 1628 VOA-Gloria: RR: Program preview w/items listed in Moscow time (some in Vladivostok time); @1633: ID & "Forum" program on Polish economic reforms. (243 11/11 Westenhaver-PQ)
21515 1400 RDP: PP: Talk & music. (good 11/12 Wires-GA)

ROMANIA Radio Romania Int'l
6155 0210 RRI: EE: //11830(212), 9510(212), 5990(211); Woman w/news, ID & "look at Romanian newspapers. (322 11/10 Bellovich-FL)
9690 1915 RRI: EE: "Letter Box" program. (exc 11/12 Wires-GA)
15390 1540 RRI: Arabic: Man/woman w/news program; then music @1601. (343 12/4 Blair-CA)
17850 1300 RRI: EE: News, music & talk. (exc 11/12 Wires-GA)

SPAIN Radio Exterior de Espana Spanish National Radio
9530 0005 SNR: EE: ID as: "The 1992 capital of culture". (554 11/8 Neff)
0020 SNR: EE: Music "Unatempuraja"; talk about a new museum, & the Spanish reaction to Bill Clinton. (545 11/6 Bickus-VA)
0025 SNR: EE: Commentary on Palestinian independence; spatter de Radio Marti. (444 11/17 Fraser-MA)
0100 SNR: EE: News, then the DX program w/frequencies for Radio France Int'l. (433 11/9 Biczak-NJ)
0111 SNR: EE: News that US & EEC reached a new trade agreement. (444 11/20 Brown-IL)
9685 0525 REE: SS: Man w/talk, woman w/ID, then man reading the soccer league scores & standings. (fair 11/30 Famularo-JP)
9690 0309 China Radio Int'l: EE: News of int'l affairs, then news about China w/mention of Macao meeting. (444 11/14 Brown-IL)
15375 1800 SNR: EE: Talk on Seville architectural restoration, and the building of new bridges for Expo-92. (545 11/14 Robinson-TN)
17715 1800 REE: SS: Nx, dialogue & telephone talk. (333 11/18 Findlater)
17845 1633 REE: SS: //15375; Futbol game, Atletico Madrid vs Col de Moya. (544 11/1 Rontanini-FL)

SWEDEN Radio Sweden
17870 1600 RS: EE: Talk of Christmas eve being only 6 weeks away and a discussion on Swedish Christmas. (545 11/12 Robinson-TN)
1625 RS: EE: "Business Scan" on the future of the Swedish motor industry; abruptly off @1628* before anmts. (344 11/11 WW-PQ)

From SCDX 2168 (Dec 15, 1992): "We begin on a sad note... budget cuts are having their effect on Radio Sweden. The most obvious change listeners will notice is the extra half hour in English at 2200 hrs will be discontinued, as will the half hour in Swedish at 1830 hrs, starting Jan. 18th." Also, the weekend Estonian and Latvian Broadcasts will be shortened to 15 min. -BC

SWITZERLAND

Swiss Radio Int'l

- 6135 0358 SRI: EE: IS, ID & news, Peru's president talks about a failed coup. (333 11/14 Brown-IL)
- 6165 2147 SRI: PP: Man & woman w/talk & Chinese music. (11/16 Wolfson)
- 9650 0020 SRI: EE: The "Two Bobs" on poor active antennae performance. (544 11/8 neff-FL)
- 9885 0000 SRI: EE: News, tanker still ablaze off the coast of Spain. (444 12/3 Brown-IL)
- 0032 SRI: EE: News by man. (555 10/31 Humenyk-ONT)
- 0215 SRI: EE: "Crossroads" w/comments and bad review of a play. (444 11/14 Levison-PA)
- 12035 0156 SRI: EE: IS, ID, news & "Dateline" w/report on trade crisis. (222 11/10 Brown-IL)
- 13685 *0900 SRI: EE: S/on anmts and into world news, w/items on Peruvian elections & southern US tornados. (fr 11/23 Famularo-JP)
- 15505 1305 SRI: EE: News & report on a UN program for children in Africa. (222 12/6 Brown-IL)
- 17670 1615 SRI: Italian: to Africa/Asia: News: refugees from Bosnia are being sent to Switzerland, and Spain has economic problems. (222 10/31 Rontanini-FL)
- 21820 1503 SRI: EE: News, & sports on Davis-Cup action. (333 12/5 Brown)

UNITED KINGDOM

British Broadcasting Corp Voice of America

- 3955 0312 BBC: EE: News w/report about Algeria. (322 11/6 Bishop-NY)
- 0500 BBC: EE: News & music. (exc 11/12 Wires-GA)
- 6005 1930 NHK-Skelton: RR: News; QRM co-ch RIAS. (322 10/2 Kiselyov-UKN)
- 6195 0612 BBC: EE: "News About Britain" w/report on effects of recession on race relations; program notes & then "The World Today". (333 11/27 Brown-IL) @0621: Alistair Cooke's "Letter From America" on the U.S. elections. (343 11/15 Brown-IL)
- 7150 0808 BBC: EE: to Australia: End of world news, ID and into "Words of Faith" on the Buddhist teaching of contentment; 0815*. (fair 11/23 Famularo-JP)
- 7235 2003 RCI-Skelton: //5995(222 under R.Australia); CBC news, then into "Royal Canadian Air Force"; ARO QRM. (242 11/7 WW-PQ)
- 7325 0411 BBC: EE: News report on Somalia. (444 11/10 Brown-IL)
- 9410 2050 BBC: EE: "Science in Action" on a U.S. plan to "nudge" away close satellites by using nuclear weapons. (454 11/20 Fraser)
- 9760 0953 BBC: EE: "Sports Roundup" w/British & European soccer scores, ID and news @1000. (333 11/22 Brown-IL)
- 9915 2303 BBC: EE: News on tornados in southern US. (333 11/22 Brown-IL)
- 12095 1933 BBC: EE: "Seven Seas" with a report on the Japanese plutonium ship being shadowed by Greenpeace. (454 11/12 Fraser-MA)
- 15070 1530 BBC: EE: "It's a Funny Old World" comedy music program. (454 11/11 Fraser-MA)
- 1705 BBC: EE: Report on Britain's kings & queens. (333 12/5 Brown)
- 15070 1708 BBC: EE: //15260(Sackville); "World Business Report" w/news on GATT talks, GM losses & lower earnings from Japanese corp. (333 11/1 Rontanini-FL)

VATICAN CITY

Vatican Radio

- 7140nf 0158 VR: EE: to SAsia: News of some survey about SAsia; closing ID and off; AERO QRM & co-ch QRM de DW. Sked lists this on 7125 instead of 7140. (Maybe to avoid IRRS. -BC) (322 11/13 WW-PQ)
- 7250 0605 VR: EE: Report on the writings of St Alexander; a prayer in praise of Mary & comment on the Trinity. (333 11/14 Brown)
- 0630 VR: Latin: //6245; Latin mass. (222 11/17 Findlater-CA)
- 7305 0250 VR: EE: "The Rome Report" w/report on Pope's visit to Angola. (433 11/24 Brown-IL)
- 9645 2046 VR: FF: Man w/talk & African music. (11/16 Wolfson-OH)
- 9650 0145 VR: EE: News about the Vatican. (good 11/10 Wires-GA)
- 11620 0100 VR: SS: News & views. (good 11/11 Wires-GA)
- 15090 2030 VR: FF: News. (good 11/11 Wires-GA)
- 21710 1154 VR: SS: //21850(better); Complete sked for VR's SS broadcasts; "Noticias del Mundo Catolico" on anti-racist demonstrations in Berlin; "racism is a sin". (343 11/8 Westenhaver-PQ)
- 21850 1213 VR: SS: to Americas; S/off; reception good. (454 10/29 Lukas)

YUGOSLAVIA

Radio Yugoslavia

- 9505 2220 RY: EE: "Science & Ecology" w/report on Yugoslavia's largest lake, located in Montenegro, threatened by severe pollution. (423 11/20 Bellovich-FL) (exc 11/11 Wires-GA)
- 9580 0100 RY: EE: News on UN forces assembling in Sarajevo and UN debate to blockade Serbia. (333 11/19 Findlater-CA) (exc 11/11 Wires)
- 0200 RY: EE: Freq anmt & song "Eight Wonders of the World", then news, w/item on Dec 20th elections. (545 11/14 Robinson-TN)

The Commonwealth

Loggings and Information for The Commonwealth of
Independent States, Estonia, Latvia and Lithuania

Jason E. Berri
2721 Gramercy Ave. # 8
Torrance, CA 90501

CIS		Radio Moscow	Radio Ukraine	Radio Tashkent	Radio Yerevan
3384	0258	<u>Mayak</u> : RR: mayak IS, Mozart mx to 0300, M tk in RR, heard regularly on this freq. to past 0500 (232 11/26 George-MA)			
4040	1256	<u>RM</u> : Vladivostok: RR: rock mx, IS @ 1259, Moscow TC @ 1300 after TP, into RR nx on Azerbaijan-Armenian, 4395 (444 11/28 Murray-OR)			
4485	1324	<u>R. Petropavlovsk</u> : RR: Jimmy Hendrix mx w/ RR cmtry, 4610 (444 11/28 Murray-OR)			
4610	1435	<u>R. Khabarovsk</u> : RR: non-stop rock mx, 4485 (232 12/16 Berri-CA)			
4795	2208	<u>RM</u> : EE: nx, M/W tk & nx (322 11/9 Bishop-NY)			
4825	0224	<u>RU</u> : Ukrainian: balalaika mx, "havoryt Kiyev" ID & tk @ 0230 (232 11/8 Westenhaver-QU)			
4860	2317	<u>RM</u> : EE: ID, interview on Yeltsin & US elections (242 11/6 Westenhaver-QU)			
4940	0508	<u>Mayak</u> : RR: light vocals & inst mx, non-stop except for M wx @ 0520, mayak IS @ 0529, Moscow TC, ID & tk (232 11/8 Westenhaver-QU)			
5040	0541	<u>R. Ala</u> : RR: ballad, 2 M tk, ment of R. Ala 0550 (232 11/8 Westenhaver-QU)			
5905	0523	<u>RM</u> : EE: rpt on summit in Alma Ata on solving problems in Tajikistan, "Commonwealth Update" @ 0530, vocal mx (242 11/7 Westenhaver-QU)			
7115	0030	<u>RM</u> : EE: "Jazz Show" - Russian group doing Herbie Hancock (444 12/1 Pasquale-PA) (Blair-CA) (Bellovich-FL) (Westenhaver-QU)			
7135	0953	<u>RM</u> : JJ/KK: W tk, ments of "Mosuko kokusai hoso desu", M "Kochirawa Mosuko Hoso" ID @ 0956 & sked anmt, IS to *1000 in Korean w/ M ID "Yogineun Moasku" (242 11/7 Westenhaver-QU)			
7150	0100	<u>RM</u> : EE: ID, nx - Georgian soldiers executed by firing squad for treason (434 11/15 Bellovich-FL) (Westenhaver-QU) (Wolfson-OH)			
7150	*0430	<u>R. Aum Shlnrikyo</u> : EE: ID, tk on Buddaism & raising one's consciousness (433 12/3 Bellovich-FL) (Brame-IL)			
7170	1442	<u>RM</u> : EE: "Russian by Radio", co-chan Chinese QRM (543 11/18 Blair-CA)			
7180	2200	<u>RM</u> : EE: ID, M/W nx - problems in Cambodia, Yeltsin showdown w/ hardliners (222 11/16 Findlater-CA) (Bellovich-FL) (Lukas-NY) (Westenhaver-QU)			
7195	0100	<u>RU</u> : EE: IS, ID in EE, nx, heavy QRM (322 11/30 Dome-TX) (Bellovich-FL) (Findlater-CA) (Lukas-NY) (Millard-TX) (Pasquale-PA) (Westenhaver-QU) (Wolfson-OH) (Wow. -ed)			
7210	0600	<u>R. Rossi</u> : RR: M/W nx on Serbia/Croatia, 7200 (222 11/18 Findlater-CA) (Millard-TX)			
7230	2340	<u>RM</u> : SS: "R. Moscu Internacional informa y comenta", LAm nx briefs, ARO QRM (333 11/12 Westenhaver-QU) (Brame-IL)			
7240	2213	<u>RU</u> : EE: W info on future pgms, ID, into pgm called "The Root" abt arts in the Ukraine (434 11/20 Bellovich-FL) (Lukas-NY)			
7245	0400	<u>Tadjik R. (2)</u> : Dari: nx, cmtry on Afghanistan (454 10/2 Kiselyov-Ukraine)			
7260	1515	<u>RM</u> : EE: "News & Views" - cmtry on relations btw France & Russia, co-chan QRM (544 11/13 Blair-CA)			
7270	0440	<u>RM</u> : EE: short novel abt man & his dog w/ mx interludes, IS, ID, into nx @ 0500 (323 11/27 Brame-IL)			
7345	1620	<u>RM</u> : EE: "Focus on Asia & the Pacific" - events in Cambodia, economic relations btw China & Japan (555 12/3 Blair-CA)			
7380	0000	<u>R. Ala</u> : RR: guitar theme, ID "Vi slushitye Radio Ala", TP, Moscow TC, tk (243 11/26 George-MA)			
9470	1257	<u>Mayak</u> : RR: fill mx, mayak IS @ 2259, IS, Moscow TC, M chat over jazz instrumental of "In a Mellow Tone" (343 11/22 Westenhaver-QU)			
9480	*2244	<u>RY</u> : EE: W nx - enemy fighter planes driven off by anti-aircraft guns, 7440 (434 12/5 Bellovich-FL) (Brame-IL)			
9480	1847	<u>RM</u> : Dutch: current affairs stuff, cmtry on Yeltsin's visit to England, @ 1858 "Dit is R. Moscu Internationaal" & sked (242 11/9 Westenhaver-QU)			
9490	2212	<u>RM</u> : FF: pgm on Yeltsin's visit to Hungary, 9480 (242 11/11 Westenhaver-QU)			
9510	2300	<u>Golos Rossiye</u> : RR: Kremlin bells, ID anmt, W nx(?) (222 11/12 Westenhaver-QU)			
9520	2201	<u>RM</u> : EE: M nx on Yeltsin's visit to S. Korea, ID (434 11/20 Bellovich-FL) (Westenhaver-QU)			
9540	1554	<u>RM</u> : EE: "Jazz Show", anmts, nx @ 1600, splatter de R. Japan on 9535 (533 11/18 Blair-CA)			
9640	2200	<u>RM</u> : FF: IS, ID, W nx w/ ments of UN & Cambodia (222 11/16 Findlater-CA)			
9705	1225	<u>RM</u> : EE: "News & Views", nx briefs @ 1230, "Folk Box", QSB (242 11/10 Westenhaver-QU)			
9725	0034	<u>RM</u> : EE: "Jazz Show" (322 11/25 Bellovich-FL)			

9785 1900 RM: EE: ID, W nx - US will commit troops to Somalia relief effort (333 11/27 Findlater-CA) (Bellovich-FL)

9860 0415 RU: Ukrainian: W tlk, many ments of Ukraine, interspersed w/ excerpts of speech, ID, || 7195 (444 11/27 Brame-IL) (Lukas-NY) (Westenhaver-QU)

9860 2204 RM: EE: nx & ID, Yeltsin wins political victory in parliament (444 12/5 Bellovich-FL)

9870 2130 RM: EE: ID, nx, into "Jazz Show" w/ Karl Yegorev (455 11/6 Bellovich-FL)

11685 1328 R. Ala: RR: folk mx, 2 guitar chords & "R. Ala" ID by M, into W nx (434 12/5 Brame-IL)

11710 1022 RM: EE: M/W mailbag show, nx in brief, co-chan QRM (242 11/7 Westenhaver-QU)

11980 1307 RM: EE: end of nx, ID, "Focus on Asia & the Pacific" (544 12/5 Brame-IL)

12050 0036 RM: EE: interview w/ Uzbek M who lives in Moscow & his views of changes in the CIS (232 12/6 Bellovich-FL)

15175 1230 RM: EE: nx in brief, "Folk Box", || 15210 (342 11/24 Westenhaver-QU)

15210 1200 RM: EE: nx - ethnic problems, chess scores (454 11/22 Fraser-MA) (Bellovich-FL)

15425 2326 RM: EE: "Commonwealth Update" w/ tlk on delays withdrawing Russian troops from the Baltic states, into "Top Priority" (242 11/6 Westenhaver-QU)

15470 1200 RT: EE: ID, mx from chamber orchestra of Uzbekistan (545 11/15 Robinson-TN)

15480 1521 RM: EE: cmtry on food & fuel shortages in Armenia, nx in brief @ 1530 (333 12/4 Blair-CA)

15525 1400 RU: Ukrainian: IS, "R. Ukraina" ID, freq anmt, tlk w/ folk mx bridges, slight QSB (242 11/21 Westenhaver-QU)

17570 *1530 Voice of Ethiopian Patriotism: Amharic: opening melody after RM s/off, ID & anmt alternating w/ theme mx, into nx read by M/W, @ 1542 bells & long discussion by M from remote location, || 21785 (343 11/8 D'Angelo-PA) (*Nice one Richard! -ed*)

17825 0105 RM: EE: W nx on Bosnia, ID, "Focus on Asia & the Pacific" (222 11/25 Bellovich-FL)

17840 1215 RM: EE: "Focus on Asia & the Pacific" (444 11/19 Fraser-MA)

17890 0116 RM: EE: cmtry on political situation in Pakistan, || 17620/17655/17825 (534 11/20 Blair-CA)

21480 2338 RM: EE: M nx on Georgian deserters, Jimmy Carter (444 11/14 Bickus-VA) (Bellovich-FL)

Lithuania Radio Vilnius

7150 0000 RV: EE: s/on w/ IS, ID, pgm guide, into nx (554 11/14 Fraser-MA) (Westenhaver-QU)

17690 0000 RV: EE: tlk on investigation of KGB activities, interview w/ american doctors (545 11/15 Robinson-TN) (Bellovich-FL) (Pasquale-PA)

Schedules

R. Tashkent in EE:
1200-1230, 1330-1400 on 5945, 9540, 15470, 17745
[M. Vissers via Fidonet]

R. Netherlands Relay via CIS (starts 1/1/93)
English:
0030-0325 on 11675 (Chita)
0930-1125 on 9810 (Irkutsk), 7260 (Petropavlovsk)
Indonesian:
1130-1325 on 9810 (Irkutsk), 17655 (Tashkent)
2130-2325 on 9855 (Tashkent)
Dutch:
1330-1425 on 9810 (Irkutsk), 7260 (Tashkent)
1430-1525 on 7115 (Chita)
2330-0025 on 9855 (Tashkent)
0800-0925 (Sunday) on 15210 (Chita)
[Media Network via W. Westenhaver]

Well, this may shock some of you, but this will be my last *Commonwealth* column for SPEEDX. After 5 years of editing this column, I decided it was time to move on to other things and let someone else take over. Starting next month, your new editor will be **Bruce Robinson**. Sorry about the short notice in announcing the change, but it couldn't be helped. Any loggings you send to me will be forwarded to Bruce, of course. From this point forward, send your CIS loggings to:

Bruce Robinson
6533 Daffodil Way
West Jordan, UT 84084

However, the "other things" in my case will be SPEEDX Membership Chairman. So starting in March, the membership column (formerly "SPEEDX Spotlights") will return with yours truly as editor. I'd like to thank everyone for your support of the CIS column over the years and hope that you will continue to contribute with Bruce at the helm. 73, -Jason



AFRICA

Paul Wakefield Box 188

West Branch, IA 52358

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

Just looking at this column, it's easy to tell what MY New Years' resolutions were. More unorthodox abbreviations, more bad puns, and more obscure musical references. So brace yourselves for the inevitable, and as President Don recommends, let's all have fun with our radios!

ALGERIA

17745 1700 RTV Algerienne: EE: ID, AA mx into world nx, then into AA (333 10/19 Langlois-FL)

ANGOLA

9535 2000 RN de Angola: EE: Rpt on elections (333 10/14 Kiselyov-UKR)

ASCENSION ISLAND

6005 0435 BBC: EE: "Network Africa"- mx, Afr nx (433 11/11 Brown-IL)
9600 0415 BBC: EE: Muslim fundamentalists attack tourists in Egypt, greetings to listeners (333 11/15 Brown-IL)
11930 0324 BBC: EE: Sports- South Africa to bid on 2004 Olympic Games, soccer (343 11/5 Brown-IL)
15260 0315 BBC: EE: Sports- women's tennis, World Cup soccer, cricket (343 11/18 Brown-IL)
15390 2216 BBC: EE: Radio w/tlk abt sporting expressions used in business- "ballpark figure", "touch base" (343 11/15 WW-PQ)
15400 2111 BBC: EE: Rpt on failed coup in Venezuela (444 11/27 Brown)
17860 1115 BBC: EE: Pgm notes, "Russia Revisited" (333 11/15 Brown-IL)

BENIN

4870 2154 ORTB: FF: Tlk, sounded like a play (221 11/5 Bishop-NY)
5025 0505 ORTB-Parakou: FF: Afropops, singing & chanting, //4870 (333) (322 11/19 Hart-MN)

BOTSWANA

4830 0418 R. Botswana: VN: M ancr, mx ranged from tribal to the Bee Gees (322 11/25 Hankison-KS) M in EE w/Afropops (222 11/5 Bishop-NY) Non-stop urban-contemporary mx, Afropops, DJ chat (333 11/7 Westenhaver-DX)
7265 0415 VOA: EE: Tlk on Yeltsin, Russian armed forces (444 11/24 Brame-IL) Tlk abt documentary film "The Fires of Kuwait", nx, well on top of co-channel Sudwestfunk (444 11/7 WW-DX)
9885 0354 VOA: EE: Mx by Whitney Houston (422 11/27 Brown-IL)
12080 1930 VOA: FF: IDs as besting to Africa, DJ w/Afropop-rap type mx (222 11/6 Findlater-CA)
15435 2135 VOA: EE: Turks clash w/Kurdish rebels (333 11/11 Brown-IL)
15495 2045 VOA: EE: Chimp conservation in Tanzania ["Reduce, reuse, recycle"- ed.] (333 11/24 Millard-TX) Recap of political campaigns, mx by Fleetwood Mac [I guess the transition started early at the VOA- ed.] (423 11/7 Hankison-KS)
15625 2000 VOA: FF: Pgm of lively Brazilian-type mx, into Hausa @2030, 2200* (333 11/3 Findlater-CA)

CAMEROON

4000 2055 CRTV-Bafoussam: FF/EE: Radio drama, CRTV theme mx @2100, into EE nx (222 11/22 George-MA)
4850 2127 CRTV-Yaounde: FF: M tlk, ute QRM (221 11/5 Bishop-NY)
5010 0506 CRTV-Garoua: EE: Nx in progress, tlk of ANC, S African elections, ID, instrum mx at end of nx (333 11/27 Hart-MN)

CHAD

4904.5 0506 RN Tchadienne: FF: Pgm "A Vous l'Antenne" w/M in studio taking phone calls (ment "R Tchad" before each call) and Afropop cuts between calls (343 11/7 Westenhaver-DX)

- CONGO**
 4765 2230 RTV Congolaise: FF/VN: Vcls/poly rythms, hilife, rap, @0000 ID "Radio Congo...Brassaville", NA (545 11/27 Robinson-TN) M in FF, 2304 ID, mx (333 11/26 Hart-MN) @0430 w/lots & lots of Afropops, 0500 ID (312 11/25 Hankison-KS)
- EGYPT**
 9475 0200 R. Cairo: EE: IDs, Qur'an, "Welcome to Life in Egypt", mx (545 11/29 Robinson-TN)
 9670 2330 R. Cairo General Svc: AA: TP, ID (Gen Svc ID per WRTH), fanfare & W tkl, overmodulated (343 11/12 Westenhover-PQ)
 9900 2200 R. Cairo: EE: ID, Qur'an, @2240 NA & into AA (555 11/13 Robinson-TN) "The Holy Qur'an, It's Meaning"- readings in AA w/EE tranlations, M w/ID (323 11/20 Bellovich-FL)
- EQUATORIAL GUINEA**
 6910 2155 Africa 2000: SS: ID, NA, 2200* (322 10/22 Kiselyov-UKR)
- ETHIOPIA**
 9560 1429 VO Ethiopia: AA: Ment of Addis Ababa, into M/E mx (211 11/1 Hankison-KS)
- GABON**
 4890 0440 RFI: FF: W & M w/nx, discussion of tariff on wine, 0445 ID (434 11/18 Dome-TX)
 9580 1916 ANO: FF: Drums & vcls, M & W DJs, ID (?? 11/16 Wolfson-OH) ID, nx w/ment of Senegal (433 11/21 Pasquale-PA) Salif Keita song, DJ read horoscopes (333 11/7 Westenhover-DX)
 15340 2038 RJ: SS: M w/financial nx, W cmtly on Japanese political policy on organized crime (343 11/11 Westenhover-PQ)
 15355 1540 RJ: EE: "Media Roundup", "Mystery Theater" (433 11/8 Hankison-KS) Rpt on a museum, JJ pop mx (333 11/11 Brown-IL)
 15475 1725 ANO: FF: Afropops, 1728 W ID, followed by jingle/promo for "Africa Numero Un" (454 11/25 George-MA) Pop mx, animated M ancr @1633 (333 11/15 Hankison-KS) Contest promo w/stn address in Gabon & Paris, TC/ID, then first edition of "Africa-Soir nx magazine (333 11/14 Westenhover-PQ)
 17630 1550 ANO: FF: Hilife mx, W ID "Africa Numero Un", freq info, 1556* (444 11/6 Bellovich-FL)
- GHANA**
 4915 2208 GBC-1: VN: M teaching a class in VN (433 11/5 Bishop-NY) EE nx- political parties, Nigerian troops in Liberia, 2301 chanting (322 11/13 Hart-MN) W & M doing "Home Nx" (controlling leprosy/building a lcl school) (343 11/7 WW-DX)
- GUINEA**
 7125 2245 RTV Guineenne: FF: Afr style guitar mx, M ancr (423 11/20 Bellovich-FL) M tkl in FF w/bugling at times in between, no ID hrd (333 11/19 Hart-MN) ID, into Qur'an reading (312 11/9 Millard-TX)
- KENYA**
 4935 2045 KBC: EE: Rock mx, good level but distorted audio, 2102 devotional tkl, prayer to 2106, s/off anmt "This is the KBC- have a good night", NA, 2107* (333 11/26 George-MA) @0158 w/IS to 0200, 3+1 "R Japan-style" TPs, ment "VO Kenya", NA, M w/list of freqs for all parts of Kenya, into choral mx (243 11/7 Westenhover-DX)
- LESOTHO**
 4800 0330 LNBS (t): Sesotho: M w/poss nx, regional mx @0345, poss ID @0400 (433 11/25 Hankison-KS)
 11940 0600 BBC: EE: World Svc nx (454 10/2 Kiselyov-UKR)
- LIBERIA**
 7275 0701 ELBC: EE: M w/local nx, wrapped w/"This nxcast comes to you from the studios of ELBC" (232 11/27 ed.)
- LIBYA**
 15435 1520 R. Jamahiriya: AA: M/E mx, M ancr at length, then took phone call (333 11/8 Hankison-KS)

MADAGASCAR

- 9605 1900 RN: EE: M & W tlc on PP lang, tourism & living in Portugal, samples of indigenous PP mx (333 11/4 Findlater-CA)
 11655 0137 RN: EE: Pgm on "Matchmaking Festival" in County Claire, Ireland- bad CW QRM, //9860 (333 11/30 Bellovich-FL)
 11890 2317 RN: IN: W w/light instrumental mx, @2322 M w/nx briefs, closing anmt w/ID, 2324* (243 11/6 Westenhaver-DX)
 15150 1555 RN: EE: Military reserves in Neth (322 11/7 Hankison-KS)

MALI

- 4780 2158 RTV Malienne: VN: Afr mx, ute QRM (221 11/9 Bishop-NY)
 4835 2240 RTV Malienne: FF: IS, M w/ID & tlc (323 ?? Dome-TX)
 9770 0030 CRI: EE: Chinese & Tibetan medicine (555 10/31 Humenyk-ON)
 11715 0015 CRI: EE: "Music Album" w/film tunes of the 70s (444 11/23 Fraser-MA) Nx, earthquake forecasting in China (333 11/2 Biczak-NJ) ID, pgm on Beijing airport (434 12/1 Bellovich)
 11790 *2300 CRI: SS: S/on routine w/"Esta es R Internacional de China", Beijing wx, nx (242 11/15 Westenhaver-PQ)
 15130 1605 CRI: EE: Nx, 1605 ID (222 11/15 Hankison-KS)

MAURITANIA

- 4845 0629 ORTM: AA/FF: Guitar IS, 0630 M w/ID in AA, into tlc & chanting, 0653-0659 dead air, 0700 ID in AA after drums/sticks IS, (p) nx, 0707 modern AA singing, 0730 nx in FF (433 12/6 Murray-OR) @2124 two M tlc in FF (221 11/5 Bishop-NY)

MOROCCO

- 6005 0623 VOA: EE: "VOA Saturday Morning" w/interview on possibility of Perot forming a third party (232 11/7 Westenhaver-DX) Discussion of Vietnam memorial (312 11/11 Millard-TX)
 11895 *0300 VOA: EE: ID, W w/nx- poor (222 11/10 Findlater-CA)
 15205 1745 VOA: EE: To Eur, NAfr, M/E, bad QRM (222 11/6 Lukas-NY)
 15320 1618 VOA: EE: "Nightline", nx & features (212 11/8 Hankison-KS)
 15330 2000 RTV Marocaine: AA: ID, chanting, 2100* (222 11/7 Findlater)
 15335 1858 RTV Marocaine: AA: Mamba-style mx into nx @ 1900 (333 11/17 Millard-TX)
 15345 1625 RTV Marocaine: AA: M ancr w/tlc, //15335, 15360 (544 11/15 Hankison-KS)

NIGER

- 5020 0553 LV du Sahel: FF: M solo singing in "tribal" style w/lcl orchestral backing, 0600 TP & anmt ment "LV de Sahel", quickly back to mx (343 11/7 Westenhaver-DX)

NIGERIA

- 4770 0548 RN-Kaduna: EE: Patriotic speech on Nigerian pride by PM, M ID, mx, 0600 nx (232 12/6 Murray-OR) Problems w/Dept of Transportation (433 11/21 Pasquale-PA) Nx rpt about Federal Govt (322 11/5 Bishop-NY) Pop mx, W reading fable or folk tale (232 11/6 Westenhaver-PQ) "Service to Nigeria is service to the people, stealing from the govt is stealing from the people" (433 11/27 Hart-MN)
 4990 2203 RN-Lagos: EE: M hosting call-in pgm "On the Line", topic was housing situation, many IDs incl "You are On the Line w/R Nigeria, One, Lagos" (353 11/8 D'Angelo-PA) M tlc on how Nigerians should respect their fellow citizens of all religious & ethnic groups (343 11/7 Westenhaver-DX)
 7255 *0453 VON: EE: Talking drum IS, NA, M w/ID, freqs, pgm previews (333 11/12 D'Angelo-PA) Afr tribal mx (433 11/25 Hart-MN)
 9570 0556 RN-Kaduna: EE: Choral song, ads, drum IS, TC, national nx-co-channel Russia QRM to 0558 (pr-fr 11/30 Famularo-JP)

RWANDA

- 7225 0440 DW: EE: "European Journal", organ mx, sked, ID "DW from Rwanda (333 11/12 Hart-MN)
 9565 0427 DW: EE: Rpt on US-EEC trade dispute (333 11/10 Brown-IL)
 9735 1509 DW: EE: Info on Reformation Day (333 11/1 Hankison-KS)

ST. HELENA

- 11092.5u 2000 R. St. Helena: EE: Ads/anmts, wx, phone calls (434 11/23 Carson-OK) Job opportunity in the Falklands (353 Lukas-NY)

SEYCHELLES

9630 2023 BBC: EE/PP: Pgm notes, "Words of Faith", ID, into nx in PP
(?? 11/16 Wolfson-OH)
9810 1415 FIBA: GG: ID in GG, nx in Hindi (434 11/13 Dome-TX)

SIERRA LEONE

3316 2110 SLBS: EE/VN: Opera mx, @2130 "You are tuned to the Sierra Leone Bcsting Svc in Freetown", TC, tik in VN to 2200, EE nx (243 11/22 George-MA)

SOMALIA

9476.5 2135 R. Somalia: EE: Nx, rpt on military actions (253 10/10 Kise Iyov-UKR)

SOUTH AFRICA

3230 0300 R. Oranje: EE/AK: ID, DJ w/pop mx pgm, ham & RTTY QRM (222 11/6 Findlater-CA)
4810 0315 R. Orion: AK: Song "Lucky Bobby", ID, ad (?? 11/22 Millard-TX) M bilingual ID/TC/chat, EE ad for "Trading Hearts" computer introduction svc (meet lots of new people for only R 280) (343 11/7 Westenhaver-PQ) Pgm of Christian mx, sermon (322 11/5 Bishop-NY) ID, pop mx (423 11/17 Hankison-KS) M w/ments of RSA (433 11/10 Hart-MN)
11745 0354 Channel Africa: EE: Pop mx, 0355* - immediately went to 15340 (listed *0400), found it already on (343 11/7 WW-DX)
11800 0256 CA: FF: New IS w/ID "Vous etes a l'ecoute de Canal Afrique..." (343 11/7 Westenhaver-DX)
11940 0430 BBC: PP: Anncd xmsn was for S Afr in PP (333 11/16 Millard)
15430 0358 CA: EE: Jazz fusion, reville & "rise & shine, sleepyheads", into Afr nx (433 11/24 Brame-IL)

SUDAN

7200 0255 R. Omdurman: AA: Qur'an, used "March of the Wooden Soldiers" for intro mx (333 11/20 Pasquale-PA) Comb of Afr & AA mx (333 11/16 Millard-TX) IS, ID, NA, call to prayer (333 11/11 Dome-TX) IS, ID, NA into Qur'an- checked again @0420, found M tlk over AA mx (344 11/24 Brame-IL)
9170 2014 R. Omdurman: AA: M tlk in AA (444 11/22 George-MA)

SWAZILAND

3200 0255 TWR: EE: Chime IS alt w/IDs "This is Trans World Radio, Swaziland (233 11/26 George-MA)
9500 *1600 TWR: EE: IS/IDs, pgm notes, gospel mx, PSA by W "lemons is (sic) good for the eyesight" (fr 11/22 Famularo-JP)
9655 0357 TWR: EE/Chewa: Bells IS w/IDs in EE, pgm in Chewa beginning w/"Chariots of Fire" (444 12/3 Brame-IL) IS, "Chariots", then M tlk- trying to surface under Havana, but never quite made it (222 12/23 Westenhaver-PQ)
11740 0516 TWR: EE: Afrikaaner-accented preacher, Pretoria address, W tlk into hymn (pr-fr 11/23 Famularo-JP)

TOGO

5047 2310 RTV Togolaise: FF: M ancr w/FF & EE pop mx, 0004 NA, 0005* -background QRM (333 11/26 Hart-MN)

TUNISIA

7475 2200 RTV Tunisienne: AA/FF: AA mx, "RTV Tunisienne" ID in FF, back into AA mx (333 11/16 Dome-TX)

CLANDESTINE

7100 1946 A Voz de la Resistencia do Galo Negro: PP: M tlk w/ments of Luanda, Zambia, Vorgan, 1948 ID, heavy QRM (?? 11/15 Wolfson-OH) ID @ 2130, W ancr w/mx pgm, ments of Angola (333 11/30 Dome-TX)
7290 0445 Galo Negro: PP: Afr vocal, hymn-like mx, into instrumental mx, M w/ID & tlk over mx- //9700 (434 11/13 Bellovich-FL)

Clandestine: The VO Renamo, operated by the Renamo guerilla movement in Mozambique, is now broadcasting at 0515 on 6155, and 1615 on 5916 kHz. (BBCMS/SCDX/SW Echo)



ASIA/OCEANIA

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

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

It's a pleasure to be able to begin the first column of this new year with something special. Back in early November, while most of us were going about our usual routines, Steve Willers was doing a lot of DXing. Not, mind you, from his usual QTH in Switzerland, but from the island of Bali. (It's a tough job, but somebody has to do it.) In lieu of an assortment of holiday snaps, Steve sent along quite the interesting selection of loggings, with which I'm beginning the column this month--a sort of new year's present for us all. Enjoy!



AUSTRALIA

2485 1630 VL8K KATHERINE: EE: Pop mx px; ID; nx (343 11/7)
4920 1539 VLM4: EE: Talk, Bette Midler song; ID (344 11/7)

CHINA

3815 1710 TAIWAN 1: CC: Fast W tlk; bad reception; //5125 (152 11/7)
4875 1515 VO JINLING: CC: M tlk--not sure what about (254 11/7)
4883 1519 CRI: RR: Talks; //4815, 5145, 5850 (254 11/7)
5320 1725 CPBS-1: CC: Tlk; selection of CC mx; //4460 (142 11/7)

INDONESIA

2489.8 1638 RR I UJUNG PANDANG: IN: Beautiful selection of Indonesian songs (344 11/7)
3204.3 1345 RR I BANDUNG: IN: 2 M tlk--what about? (344 11/7)
3232 1406 RR I BUKITTINGGI: IN: Soft selection of IN mx; tlk (253 11/7)
3249.7 1359 RR I BANJARMASIN: IN: Talk; soft IN pop mx (454 11/7)
3264.8 1644 (t) RR I BENGKULU: AA/IN: Qur'an reading w/translation into IN (344 11/7) [Steve notes that Gorontalo and Bengkulu are quite close together on the dial, but this frq fits the PWBR listing, which has Gorontalo on 3266v.]
3306 1416 RR I DILI: IN: M rpt on Egypt and Mubarak (344 11/7)
3324.8 1420 RR I PALANGKARAYA: IN: Beautiful selection of soft IN pop songs (455 11/7)
3355.2 1900 RR I JAMBI: IN: Nx; clear ID (444 11/9)
3380.6 1658 RR I MALANG: IN: Nx w/ment Jakarta; full ID (254 11/7)
3384.8 1349 RR I KUPANG: IN: Bryan Adams song; tlk (354 11/7) [Wonder how many other Canadian exports get into Kupang?]
3395 1620 RR I TANJUNGPANG: IN: Local mx; tlk w/ment of Surabaya (344 11/7)
3959.7 1435 RR I PALU: IN: Pop mx; tlk; bad reception (252 11/7)
4000.1 1412 RR I KENDARI: IN: W tlk; song sung in SS [!] (344 11/7)
4697 1442 RKIP SURABAYA: IN: Stage play performed live to an audience (455 11/7)
4753.3 1452 RR I UJING PANDANG: IN: Tuned in to lcl mx...then abruptly off! (454 11/7)
4777 1454 RR I JAKARTA: IN: Stage play w/drums and bells; //9680 (455 11/7)
4805.3 1459 RR I KUPANG: IN: SCI played; ID; M w/nx (243 11/7)
4855.7 1512 RR I PALEMBANG: IN: Nx w/many ments Jakarta and Indonesia (354 11/7)
4926.8 1309 RR I JAMBI: IN: M w/ nx--Sumatra & Jakarta mentioned a lot (343 11/11)
4931.5 1445 RR I SURAKARTA: IN: Beautiful selection of Indonesian mx; tlk (444 11/7)
4987.1 1432 RR I GORONTALO: IN: M tlk; song by the Scorpions (253 11/11)
11751.7 0811 VO INDONESIA: EE: Cmty; nx; gave address as P.O. Box 1157, NOT P.O. Box 157 as listed in WRTH '92! (455 11/11)

[With only a line or two to fill the page, I'll take this opportunity to thank Our Esteemed Publisher for giving me an extra page.]

MALAYSIA

- 4835 1507 RTM KUCHING: BAHASA MALAYSIA: M t1k; soft pop song (354 11/7)
- 4950 1545 RTM KUCHING: EE: Mx from Stevie Wonder & George Harrison; M t1k (343 11/7)
- 4970 1315 RTM KOTA KINABALU: BAHASA MALAYSIA: M t1k abt Allah and the Qur'an (343 11/7)
- 5005 1329 RTV SARAWAK: IBAN: M t1k w/many ments Malaysia; //4895, 6050, 6060, 7270 (444 11/7)
- 7295 1321 RADIO 4: EE: Sports nx and sports quiz; sung ID (454 11/7)

MYANMAR

- 4725 1443 VO MYANMAR: BAMAR: W t1k abt Czechoslovakia (344 11/7)

PAPUA NEW GUINEA

- 3205 2011 R. WEST SEPIK: PD: Guitar mx; brief talk; lots of static (152 11/9)
- 3275 1948 R. SOUTHERN HIGHLANDS: EE: Soft pop mx; heavy fading; NA? hrd before 4 TP on the hour (343 11/9)
- 3305 1938 R. WESTERN: PD: Tribal singing & chanting; M t1k; bad reception (152 11/9)
- 4890 1930 NBC PORT MORESBY: EE: M s/on routine w/frqs and ID (253 11/9)

SINGAPORE

- 3915 1650 BBC: EE: T1k abt life in Guatemala; ID (354 11/7)
- 5051.8 1450 SBC: EE: Song by Air Supply; t1k; "Radio 1" ID (454 11/11)

THAILAND

- 4829.8 1503 R. THAILAND: THAI: Thai pop songs; t1k; //9655 (253 11/7)

TONGA

- 5030 1330 R. TONGA: TONGAN: Interview w/villagers--could hear children, hens and cows in background--w/Tonga mentioned a few times; 6 TP @ 1400 (343 11/9) [Steve mentioned that he'd tried for this one some days earlier, but with no sign of it then. I wonder if they didn't just reactivate the SW, which had been off for around a year; that would explain a bcst at such an unusual time for them. By the way, Steve rang me me up on 12/8 to say that he'd gotten the QSL for this!]

That marks the end of the travelogue; we now return you to our regular column. Actually, it's not quite regular, since, as of 12/15, the CDE material hasn't arrived. I fear that it might have been delayed by the mails by the awful storms which raked New Jersey last weekend. My apologies!

AUSTRALIA

- 2310 1030 VLM/VLQ Brisbane Radio Australia VLW Wanneroo
VL8A ALICE SPRINGS: EE: ABC nx; into px of soft rock/folk/pop mx; call-in px noted @ 1107 (222 11/15 Foster-NC)
- 4920 1414 VLM4: EE: Px of American pop mx (343 11/8 Robinson-UT)
- 5995 1313 RA: EE: End of nx w/rpt of hailstorm in Brisbane; ID; sports rpt (343 11/29 Cichorek-NJ)
- 6140 1015 VLW6: EE: Sports nx; ID; rpt on discussions w/Aboriginal people (222 11/22 Brown-IL)
- 9510 2156 RA: EE: Px preview; anmt ment WA w/WA TC (overnight relay of RA ending now there?); @ 2200 "Int'l Rpt" (343 11/11 ed.)
- 9540 1359 RA: CANTONESE: IS to 1400; RA's nx theme as fanfare; M ID anmt; then he & W read nx; some flutter (242 11/10 ed.)
- 9580 0940 RA: EE: Interview w/Head of the Australia-Japan Centre (333 11/22 Brown-IL)
- 9660 0900 VLQ9: EE: M nx; "poor but what can one expect w/only 10 kW?" (222 11/11 Findlater-CA) @ 1048 w/rpt on lcl commissioner; ID (322 11/19 Brown-IL)
- 9645 2100 RA: EE: Nx of Marines landing in Somalia & riots in India; poor (222 12/10 Findlater-CA) [Yes, it's out of order!]
- 9710 1200 RA: EE: Nx & t1k on cultural events; ID (good 11/13 Wires-GA) [Welcome to the column, Alden!]
- 9770 1228 RA: KHMER: IS w/EE ID/frq anmt; @ 1230 bit of lcl mx & W s/on routine; RA's nx fanfare & she read nx; much QRN & some QSB; new lang for RA as of 12/1 (332 12/3 ed.)
- 11880 2000 RA: EE: M nx and financial rpts; 2030* (333 11/5 Findlater-CA) @ 1602 w/nx of Indian temple dispute (333 12/5 Brown-IL)
- 15575 2305 RA: EE/CC: EE world/Aussie nx incl death of Sir Sidney Nolan [Australia's greatest then-living painter]; @ 2313 into CC w/ID & M t1k; then EE lesson; RK CCI (333 11/28 ed.)
- 21590 0100 RA: EE: Nx; cmtly on witchcraft trials (333 11/14 Findlater)
- 21740 0005 RA: FF: M t1k on US Presidential race (444 11/2 Owsley-CA)

BANGLADESHRadio Bangladesh

9565 1825 RB: EE: Nx w/ID @ 1827; @ 1830 Radio Magazine px (111 11/22 Hankison-KS)

BHUTANBhutan Broadcasting Service

5025 1420 PBS: EE: "This is the news from the Bhutan Broadcasting Corporation"; item on Tamil Tigers--"then 40 minutes of good reception!" (333 10/16 Bagozzi-CA) [This ended up in Paul Wakefield's in-basket last month, which is why it's late.] @ 1401 in VERN/EE w/Vern singing to 1415; W EE anmts w/ID; nx w/ments of King and Kingdom (222 11/28 Murray-OR) [Kevin has decided, after some outside advice and much soul-searching, that his logging of Bhutan on 5029.95 in the October column was actually RTM Malaysia. (He is quite positive about this one, though.) As he said, "I learned the hard way to be a lot more careful." This is something that we can all take to heart, as, in the flush of DXcitement, it can be too easy to jump to conclusions. Let's be careful out there, eh?]

CHINACentral People's Bcst Stn China Radio Int'l
Radio Canada Int'l relay

4915 1418 GUANGXI PBS: EE/CC: M & W w/EE lesson (423 11/16 Robinson-UT)
6933 *2030 CRI: ??: IS; CC/lang ID's; into W t1k--(p) nx; too weak & fluttry to ID lang, but did sound European (242 11/7 ed.DX)
7385 2300 XINJIANG PBS: CC: CC newscast (45544 10/21 Kiselyov-UKRAINE)
9365 1900 CRI: RR: IS/ID; M t1k (nx?)...also hrd II on this frq *2100-2127* (222 12/10 Findlater-CA)
9555 *1630 RCI: EE: S/on anmts; nx; NHL scores @ 1638; "how many hockey fans in China?" (242 11/23 Blair-CA) [Actually, it's beamed to India, where there are most likely even fewer.]
9965 2047 CRI: II: Px of CC pop inst mx--I'll give it an 86 'cause you could dance to it; @ 2055 "Qui R. Pekin...buona sera"; 2056* (242 11/7 ed.DX) [Another leftover from the big weekend out.]
11755 1006 CRI: EE: Nx, incl international boxing event to start in south China (333 11/22 Brown-IL)

CYPRUSBBC relay

6180 0505 BBC: EE: Nx of fire in Vienna's Hofburg Palace and the Lipizzaner stables (433 11/27 Brame-IL)
7140 1451 BBC: AA: AA mx px w/M host; IS @ 1459; nx @ 1500; co-chan QRM (322 11/18 Blair-CA)
9770 2130 BBC: EE: 2 M w/dramatic play (222 12/8 Findlater-CA) [This is an English by Radio transmission.]
15575 1450 BBC: EE: "Sportsworld" w/lots on NAM football (333 12/5 Brown)

FRENCH POLYNESIARFO TAHITI

11827 0213 RFO: FF: Animated DJ t1k; into "Brown Sugar" by the Stones w/"RFO" ID over beginning of song (212 11/21 Hankison-KS)

HONG KONGBBC relay

11765 0902 BBC: EE: Nx; ID; business review (333 11/22 Brown-IL)
11820 1400 BBC: EE: "Dateline East Asia" on UN hostages in Cambodia & East Timor situation (444 12/2 Blair-CA)

INDIAAll India Radio

4910nf 1732 AIR: EE/HINDI: National nx; ID; into Hindi nx; heavy ute QRM (pr-fr 11/28 Famularo-JAPAN)
9950 2120 AIR: EE: Indian violin/drum mx; ID; into t1k on developing nations economic conference; //9910 (433 11/25 Brame-IL) @ 2100 w/nx & mx--not too distinct (pr 11/10 Wires-GA)
11620 2200 AIR: EE: W nx, incl request from Guyana for Indian help in rebuilding their economy (??? 11/24 Miller-GA) @ 2200 w/nx and music--not too distinct today, either (pr 11/11 Wires-GA)

INDONESIARadio Republik Indonesia

9614.3 0909 RRI SAMARINDA: IN: Caught tail-end of mx and clear "RRI Samarinda" ID by W just before 0910*; splatter on high-side; 1st time hrd! (pr-fr 11/26 Famularo-JAPAN) [Congratulations!]

IRANVoice of the Islamic Republic of Iran

9685 1427 VOIRI: ??: IS w/W ID; s/on routine @ 1430 (322 11/7 Hankison)
11790 0050 VOIRI: EE: T1k abt return of Afghan refugees in Iran to their homeland; px "Viewpoint" (433 11/21 Miller-GA)

IRAQRepublic of Iraq Radio Radio Iraq International

6560 0230 (t)RIR: AA: Long Qur'an reading; then AA mx; too poor to catch ID (222 12/6 Findlater-CA)
11860 0400 RII: EE: Nx; ID; @ 0407 into AA (exc 11/13 Wires-GA)

ISRAELKol Israel

15650 1404 KI: EE: National nx/wx; nx of world Jewry; ID; px for new immigrants (fr-gd 11/5 Famularo-JAPAN)

JAPAN
 9535 1422 Radio Japan Radio France Int'l relay
 RJ: EE: Round-table discussion of the AIDS problem in Asia (555 12/2 Blair-CA) [At this time, RJ is actually running 9535 from two sites: via Japan (to NAM) and via Sri Lanka (to SAsia). From the strength, I think Art's right.]

11815 0900 RJ: EE: Nx read by Ian McFarland; "Magazine Hour"; //11840 (444 11/11 Findlater-CA)

15280 2000 RJ: JJ: M nx; W/M dialogue; //11815, 17825, 17890 (222 11/7 Findlater-CA)

17710 2351 RFI: FF: 2M w/ID; into world nx (444 11/1 Owsley-CA)

17785 2350 RJ: IN: W w/basic JJ lesson (fair 11/25 Famularo-JAPAN)

17810 0300 RJ: EE: Nx--Japanese political scandal still goes on (333 11/15 Brown-IL)

JORDAN
 9560 1710 Radio Jordan
 RJ: EE: Nx, incl ment that today is His Majesty's birthday; cl mx; very brief s/off anmt @ 1730 (222 11/14 Thornton-NJ)

11955 1400 RJ: AA: TP & ID; then W nx (333 11/7 Hankison-KS)

KIRIBATI
 17440 0636 Radio Kiribati
 RK: EE: Preacher reading letter; brief hymn & fundamentalist tkl on "Hell"; inst mx; into Vern @ 0700; severe QSB but moments of strong reception (pr-gd 11/28 Famularo-JAPAN) (t) @ 0032 w/Island choral singing w/harps; some W tkl; too weak to ID but frq & mx sound right; also hrd around same on 12/6 & 7 but much weaker (121 12/5 Murray-OR)

KOREA, D.P.R.
 2850 0800 Korean Central Bcst Stn Radio Pyongyang
 KCBS: KK: M w/long speech; also KK martial-type choral mx (222 11/7 Findlater-CA)

3320 0830 RP: KK: M w/long speech (22 11/8 Findlater-CA)

9665 2330 (t)KCBS: KK: M long speech w/much applause from audience; no clear ID but ments Pyongyang (222 12/9 Findlater-CA)

11905 1900 RP: KK: M long speech & usual choral mx; 1950* (222 11/14 Findlater-CA)

13650 2330 RP: EE: W tkl on farm production in North Korea (444 11/1 Owsley-CA) @ 0018 in SS w/tml abt N. Korean aid to various LatAm countries; ID @ 0021 (333 11/25 Blair-CA)

KOREA, REPUBLIC OF Radio Canada Int'l relay Radio Korea
 6150 1259 RCI: CC: IS/ID; 2 TP and into CC px (444 12/5 Robinson-UT)

7550 2231 RK: EE: "From Us to You" w/dialogue abt how Korea will change for the better after reunification; ute QRM (232 11/7 ed.DX)

15575 0118 RK: EE: Tkl on Koreans at war in the 11th century (444 11/24 Brame-IL) @ 0120 w/tml abt food & clothing shortages in North Korea (434 12/4 Blair-CA)

MALAYSIA
 4950 1426 Radio Television Malaysia
 RTM KUCHING: EE: W w/financial nx & stock prices; co-chan CC QRM--hrd best on USB (322 11/19 Blair-CA)

MARIANA ISLANDS
 13625 2340 KHBI
 KHBI: EE: M & W w/ rlg tkl (343 11/1 Owsley-CA)

13655 2157 KHBI: EE: Horns IS; @ 2200 full ID; into CSM px preview & nx w/lots on US troops into Somalia/Yeltsin/Bosnia (344 12/4 Murray-OR) [I guess this was one of their new frqs introduced, w/so many others, in mid-November--ex-13625?]

MONGOLIA
 4828 0935 Radio Ulan Bator
 RUB ALTAI: MONGOLIAN: Traditional M & W vocals (very CC-sounding; nice stuff); //4080 (fair) & 4897 (fr-gd) (pr-fr 12/3 Famularo-JAPAN)

NEW ZEALAND
 9700 0902 Radio New Zealand International
 RNZI: EE: Nx--Captain of NZ cricket team leaves Sri Lanka after bomb blast (444 11/19 Brown-IL) [He didn't need to take it personally--or just homesick for Julie London?]; @ 0700 w/EE nx (32542 10/5 Kiselyov-UKRAINE)

17770 2137 RNZI: EE: IS; abruptly on @ 2138 w/nx; mixing w/co-channel RHC in SS (*2100) past 2300 (311 12/2 Blair-CA) @ 0159 w/end of country mx; nx/wx on the hour (333 11/15 Brown-IL) [As of 12/14, this frq is replace 0400-0700 by 15120 kHz]

PALAU
 9830 1445 Voice of Hope
 VOH: ??/EE: Bilingual ID w/address; into inspirational mx; EE ID @ 1448; into "Jingle Bell Rock" (222 11/7 Hankison-KS) [Pushing the season a bit, were they?]

PAPUA NEW GUINEA

3220 09930 R. MOROBE: PD: Ancr w/indigenous mx and some pop mx (222 11/17 Findlater-CA)

PHILIPPINES

Far East Bcst Corp VOA relay
Radio Veritas Asia

9495 2235 FEBC: (1)CAMBODIAN: Tlks by several W/M (incl one M w/Aussie accent)--a few ments "Kampuchea"; some lcl songs after 2254; @ 2258 W anmt w/"FEBC" ID--just before WHRI came on and buried them; splash de 9490 (242 11/7 ed.DX)
 9510 2300 VOA: VV: ID; M tlk...2330* (222 11/8 Findlater-CA)
 9520 0952 RVA: EE/CC: Medley of EE Christmas songs; @ 0958 W ID & full sked; into CC @ 1000 (343 11/8 ed.DX)
 9615 1430 RVA: EE/CC: EE ID anmt ment bcst in Mandarin to follow-- which began @ 1434 (33 11/15 Hankison-KS)
 9760 1650 VOA: SPECIAL EE: Story of an Alabama woman, despondent over moving to New Jersey, and how quilting made her life whole again ("I swear I'm not making this up!") (222 11/23 Wakefield-IA) [Reminds me of the strange Special EE story I once hrd about the Greek tourist visiting the Grand Old Opry. Besides, I thought the only way to cure despondency in NJ was to join SPEEDX.-hi!] @ 1410 w/ID; "Asia Report" --new px?; really clear for this time of day (343 11/30 ed.)
 11760 2258 VOA: EE: "The Making of a Nation" in Special EE; ID/nx @ 2300 (433 11/25 Cichorek-NJ)
 11995 1318 FEBC: EE: Ad for new album w/children's songs; kids' rlg story; @ 1330 ID & nx (322 11/28 Cichorek-NJ)
 17735 2355 VOA: EE: M tlk on Romanian orphanages; //17820 [Also via Philippines] (343 11/1 Owsley-CA)

SAUDI ARABIABcst Service of the Kingdom of Saudi Arabia

9870 2125 BSKSA: AA: Great AA vocal/guitar/drum mx; M & W tlk over mx, which got more upbeat & intense; @ 2130 ID "Arabiya as-Saudiya min Riyadh" (555 11/25 Brame-IL)
 17760 0524 BSKSA: SWAHILI: M tlk; Afro-Arab mx; more standard-style AA mx; long M tlk; Islamic prayers in Swahili; 0553* (fair 11/28 Famularo-JAPAN)

SINGAPOREBBC relay Singapore Bcst Corp

9605 1702 BBC: EE/HINDI: "South Asia Report"--regional nx incl a phone interview w/a fellow in jail (Huh!); into Hindi @ 1714 (433 11/18 Blair-CA) [Another benefit of cellular phone technology, maybe?]
 11940 1500 SBC: EE: IS/ID; nx; press review (33543 10/21 Kiseloyv-UKR)
 17790 *0100 BBC: EE: IS as WS to East Asia; M nx (e.g. massacre of nuns in Liberia & Pope's response) (222 11/2 Findlater-CA)

SRI LANKA

Radio Japan relay Deutsche Welle relay
Sri Lanka Bcst Corp

9535 1445 RJ: EE: Tlk on efforts to teach EE to the Japanese people (433 11/15 Hankison-KS) [Any comments from Ralph Famularo-- it's his job, after all?] [Richard, you might actually have been hearing this via Japan; see my comments under Japan.]
 11785 *1900 DW: EE: ID; M/W nx (Marines to land in Somalia/oil slick off Spain)...1950*; poor (222 12/2 Findlater-CA)
 11800 0150 (t)SLBC: HINDI?: Lots of Indian mx; anmt @ 0200 but no positive ID hrd (333 11/21 Hankison-KS)

SYRIARadio Damascus

12085 1900 RD: AA: ID; W tlk w/ments Jerusalem/Washington/Bush; into px of AA mx (222 11/9 Famularo-CA)

TAIWANCentral Bcst System Voice of Asia

6087 1400 CBS: CC: IS w/anthem; into W nx (222 11/14 Hankison-KS)
 7445 1525 VOA: IN: Tlk abt Christ; mx (35533 10/1 Kiseloyv-UKRAINE)

TURKEYVoice of Turkey

9445 0402 VOT: EE: Nx of murder of Turkish immigrants in Germany (333 11/27 Brown-IL) @ 0432 w/tlk on Turkish exports, diet foods & Albanian tourism (444 11/27 Brame-IL) @ 2300-0350 in TURKISH, ending w/Turkish NA (exc 11/9 Wires-GA)

UNITED ARAB EMIRATESUAE Radio Dubai VO UAE Abu Dhabi

11745 0329 RD: EE: ID routine & time check; into nx (UN keeps sanctions against Iraq) (333 11/23 Brown-IL)
 11815 2340 VOUAE: EE: "Daily Editorials"; //11710 (333 11/24 Miller-GA)

UNITED ARAB EMIRATES continued...

13675 1600 RD: EE: ID; rock & pop mx in EE; nx @ 1630; //21605 (exc 11/12 Wires-GA)

15320 1634 RD: EE: Nx w/ID @ 1635 (212 11/22 Hankison-KS)

21605 1330 RD: EE: Nx; then rock & pop mx (exc 11/12 Wires-GA) [Does all this rock & po mean that they've finally run out of those stilted, canned features they've run for years?]

UNIDENTIFIED

6343 1324 YET ANOTHER UNID VIETNAMESE REGIONAL: VV: M & W tlks; then exotic inst mx including Tibetan-like horns (sometimes hrd on AIR) (pr-fr 12/2 Famularo-JAPAN) [If anyone has any info on who these wandering VV regionals actually are, Ralph and I would certainly appreciate receiving it.]

Let's see if I can fill some of this remaining white space with some useful information. The VOA is in the process of making some additions to their services out of the Asian relays. One--a new weekly programme in Nepali--started on 5 December. It runs Saturdays only, 0115-0130 UTC, on 11920, 15210, 17780, 21475 kHz; all frqs via the Philippines. [Per info given on the 10 Dec. "Media Network."]

On edition #672 of "World of Radio," Glenn Hauser noted that the printed W92 VOA schedule gives the frequencies for the new VOA relay in northeastern Thailand, at Udorn. (It's not on air yet, but they must have hopes of getting it on air by late March, when the schedule ends.) Apparently, the antennas there will only use two azimuths--30° to China and 300° to South Asia. The projected frequency schedule is as follows:

6045 kHz--no times given	9760 kHz--0100-0130 UTC
6070 kHz--2100-2300 UTC	11705 kHz--1400-1600 UTC
9560 kHz--1130-1400 UTC	11785 kHz--1100-1400 UTC
9615 kHz--1400-1500 UTC	11855 kHz--1700-1800 UTC
9680 kHz--1500-1700 UTC	11905 kHz--1600-1700 UTC

Of course, these frequencies may be changed by the time the relay comes on air--and don't forget that some of them are also used from other VOA sites. No languages were given, but the 9760 kHz usage would probably be for Tibetan--it fits the sked for that language.

Speaking of VOA in Tibetan, Glenn Hauser, in the same "WOR" px, quoting from the revised W92 schedule (which he got from Kirk Baxter, who got it from a "SW Echo" posting by the VOA's Dan Ferguson [yes, I know it's confusing!]), says that VOA in Tibetan at 0100-0130 UTC on two frqs--6090 & 7180 kHz--is actually via the Wertachtal relay in Germany. If you get these, please be sure to send them along to Bob Colyard, instead of me. (Bob doesn't get many loggings in Tibetan, he'd probably especially appreciate the diversion.)

I'd be tempted to pass along some frequency information for Radio Japan, but it would be out of date by the time you read this, since their printed winter schedule is valid only until 3 January, instead of all the way through until the beginning of March. That would seem to be because they're planning to bring on line some new transmitter capacity at Yamata, and because they're adding 3½ hours of programming to their schedules in January. Maybe I'll be able to pass along more information in next month's column. (I wonder if the addition of transmitter capacity at Yamata will get some time on that relay, in exchange for the RJ relays via Skelton?)

Going back to the 10 December "Media Network" for a moment, Arthur Cushen noted that RFO Tahiti has moved their long-standing 15170v frq to 15175 kHz. (With all the WYFR usage of 15170, I can understand why.) You'll remember that Robert Babin had noted that they'd recently been spot on 15170, rather than on .7 or .8, as usual; maybe they were peaking up the transmitter in preparation for the big move.

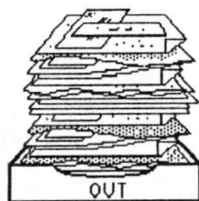
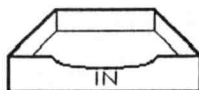
Almost done! (Now I remember why I don't ask Eddie for an extra page more often!) Sorry about the lack of CDE material, but I couldn't wait longer for it, since I'll soon be off on the Christmas trip to the Old Country. (Hope le Bear Noel brought you that new receiver you've been lusting after!) I'll see if I can work some of the cream of the CDE crop into next month's column.

Back next month; hope you will be, too!

73-Bill

QSL REPORT

Mike Wolfson
1842 Mifflin Ave.
Ashland, OH 44805



ASIA/OCEANIA

Australia Australian B/C Corp: 9510 f/d cd (Australian wilderness ltr, sked, stickers) 40 ds 3 IRCs rpt EE (Robinson, Ut.); **R Australia Intl:** 9580 f/d ltr (stationary, Wilderness Society cd) 35 ds rpt EE (Biczak, N.J.); **RA:** 6020 f/d ltr 37 ds rpt EE (Humenyk, Ont.)

China China Radio Intl: 11715 f/d cd (Peihai Park, sked) 23 ds rpt EE v/s Miss Fugnang (Biczak, N.J.); **China R Intl:** 9440 f/d cd (ornamentation) 12 ds rpt EE (Takeuchi, Japan); **Heilongjiana PBS:** 4840 n/d cd (Harbin City, sunset pix) 20 ds rp rpt EE/CC (Murray, Or.); **China Radio Intl.:** f/d cd ("Windows on China", 45th anniversary folder, paper cuts) v/s Li Fang (Robinson, Tn.)

Guam KSDA: 11980 f/d cd (logo w/stickers) 41 ds rpt EE (Humenyk, Ont.)

Hong Kong BBC: 11820 f/d cd (logo w/stamp over signature) 2 IRCs rpt EE v/s Phil Sardell (Brown, Il.)

India AIR: 11620 f/d cd (bridge) 84 ds rpt EE (Brown, Il.)

Israel Kol Israel: 15640 f/d cd (Jerusalem skyline) 26 ds rpt EE (Biczak, N.J.); **KI:** 17575 f/d cd (multi language cd) 44 ds rpt EE (Bishop, N.Y.)

Japan R Canada Intl: 6150 f/d cd (1988 Olympics) 22 ds rpt EE v/s Bill Westenhaver (Robinson, Ut.)

Korea, Republic of R Korea: 9570 p/d cd (farmers dance) 37 ds rpt EE (Robinson, Ut.); **RK:** 15575 p/d cd (Farmer's Dance) 29 ds rpt EE (Brown, Il.); **RK:** 15575 p/d cd (Farmers Dance) rpt EE (Humenyk, Ont.)

Mariana Islands FEBC: 11665 f/d cd (Saipan pix) 38 ds rpt EE (Humenyk, Ont.)

New Zealand R New Zealand Intl: 9770 f/d cd ("Greetings" w/Kiwi and flag) 45 ds 3 IRCs rpt EE (Brown, Il.)

Palau KHBN: 9830 f/d cd (map w/KVOH, KHBN target areas) 21 ds ms rpt EE (Brame, Il.); **KHBN:** 9830 f/d cd (map cd) 30 ds rp rpt EE v/s Ben Cabral (Murray, Or.); **KHBN:** 9830 f/d cd 43 ds \$1 rpt EE (Hart, Mn.)

Papua New Guinea R Madang: 3260 p/d ltr 73 ds ms rpt EE v/s James S. Valakvi (Murray, Or.); **R W. New Britain:** 3235 p/d ltr 209 ds ms rpt EE v/s Esekia Mael (Murray, Or.) (a couple of VERY good catches Kevin, congrats-MW); **R Sandaun:** 3205 p/d ltr (form ltr) 369 ds rp rpt EE v/s Gabriel Deckwalen (D'Angelo, Pa.) (I guess the work IS really worth it !!)

Syria R Damascus: 15095 f/d cd (globe and logo) 179 ds (registered mail) ms rpt EE (Brame, Il.); **Syrian B/C and Television Svc.:** 15095 f/d cd (map, flag, sticker, newspaper) 92 ds (preopened registered) \$1 rpt EE (Owsley, Ca.)

United Arab Emirates

yUAE Radio: 13675 f/d cd (world map w/stn QTH, sked, pennant) 51 ds rpt EE v/s H.F. Femmed (Owsley, Ca.); **VOUAE:** 13605 f/d cd (city pix, sked, certificate of appreciation ll, note) 38 ds rpt EE (Bagozzi, Ca.)

AFRICA

Botswana R Botswana: 7255 p/d cd (maize drying) 64 ds \$1 rpt EE v/s Ted Makgekengene (Pasquale, Pa.)

Egypt R Cairo: 9475 f/d cd (statue of Egyptian woman) 296 ds rpt EE (Brown, Il.) (nicest QSL received from RC)

Gabon R France Intl: 4890 f/d cd (Le Seine et la Tour Eiffel, sked) 37 ds rpt EE (D'Angelo, Pa.)

Nigeria R Nigeria (Kaduna): 4770 p/d ltr 151 ds 2 IRCs rpt EE v/s Yusui Garba (Brown, Il.)

South Africa RSA: 9695 f/d cd (Johannesburg pix) 289 ds rpt EE (Brown, Il.)

Sudan R Omdurman: 9170 p/d ltr (sorry for delay, sked to follow) 60 ds \$1 rpt EE (Fisher, Ma.) (good catch John-MW)

Swaziland TWR: 9655 f/d cd (bldg w/antenna) 58 ds rpt EE v/s Carol Tatlow (Humenyk, Ont.) (country #103 !!!)

COMMONWEALTH OF INDEPENDENT STATES

Moldova R Moscow: 15485 f/d cd (Friendship House) 35 ds rpt EE (D'Angelo, Pa.)

EUROPE

Albania R Tirana: 9580 f/d cd (Albanian natl dress) 166 ds rpt EE (Humenyk, Ont.)
Austria RAI: 9875 f/d cd (Harvest Thanksgiving) 67 ds rpt EE (Humenyk, Ont.);
RAI: 9875 f/d ltr (Harvest Thanksgiving) 27 ds rpt EE (Biczak, N.J.); **RAI:** 9875 f/d cd (Salzburg parade) 40 ds rpt EE (Brame, Il.); **RAI:** 13730 f/d cd (Harvest Thanksgiving) 37 ds rpt EE (Bishop, N.Y.)
Belgium BRT: 9930 f/d cd (Gent pix) 60 ds rpt EE (Biczak, N.J.); **BRT:** 9930 f/d cd (Gent University pix, Intl Listener's Club cd) 53 ds rpt EE (Biczak, N.J.); **BRT:** 13655 f/d cd (shrine of St. Ursula) 72 ds \$1 rpt EE (Owsley, Ca.)
Czechoslovakia R Czechoslovakia: 7345 f/d cd (Lynx cd) 24 ds rpt EE (Robinson, Ut.); **R Prague Intl:** 11990 f/d cd (Lynx, sticker) 27 ds rpt EE (Brame, Il.)
France R France Intl: 21645 f/d cd (La Basilique de Sacre-Coeur et les jardins) 25 ds rpt EE (Brown, Il.); **RFI:** 3965 cd (La Basilique du Sacre-Coeur, sked) 35 ds rpt EE (D'Angelo, Pa.)
Germany Sudwestfunk: 7265 f/d cd (sunset over hills) 25 ds rpt EE v/s Dr. Krauk (Pasquale, Pa.)
Iceland Rikisutvarpid: 15770 f/d cd (The Amazing Blue Lagoon) 13 ds !!! ms rpt EE (Brame, Il.)
Lithuania R Vilnius: 11780 f/d cd (ltr, map, ltr read on 9/15 mailbox show) 72 ds rpt EE v/s Rasa Lukaite (Pasquale, Pa.)
Monaco TWR: 9480 f/d cd (logo) 20 ds 1 IRC rpt EE (Brown, Il.)
Norway R Norway Intl: 11795 f/dc d (Harold Kolstad) 31 ds rpt EE (Biczak, N.J.)
Poland PRW: 11840 f/d cd (Polish Library) 44 ds 1 IRC rpt EE (Brame, Il.)
Portugal R. Canada Intl.: 15325 f/d cd (40th anniversary cd) 16 ds rpt EE v/s William Westenhaver (Humenyk, Ont.)
Romania RRI: 9690 f/d cd (folk costume, stickers) 101 ds ms rpt EE (Brame, Il.); **RRI:** 11830, 11940 f/d cd (Sucevita Monastery, river pix, pelicans) 109-158 ds rpt EE (Humenyk, Ont.)
Switzerland Swiss Radio Intl: 7210 f/d cd (Red Cross worker and little boy) 16 ds rpt EE (Brown, Il.)
UK VOA: 7170 f/d cd (master control room, stickers) rpt EE (Robinson, Ut.); **R Japan:** 9770 f/d cd (special Skelton cd, sked) 60 ds rpt EE v/s K. Hishikawa (D'Angelo, Pa.)
Vatican Vatican R: 9605 f/d cd (Pope John Paul II) 137 ds rpt EE (Brown, Il.); **VR:** 5885 f/d cd (tx site) 287 ds rpt EE (Lukas, N.Y.)

WESTERN HEMISPHERE

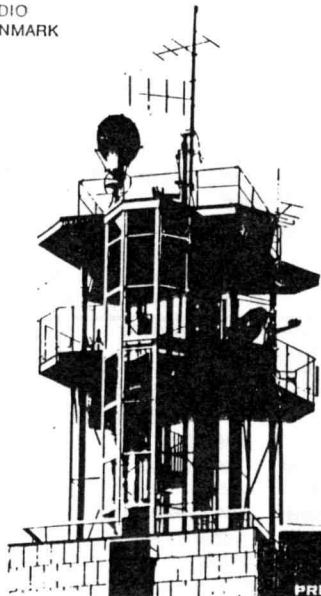
Canada Northern Quebec Svc: 9625 n/d ltr (sked) 321 ds rpt EE v/s Nathalie Chamberland (Robinson, Ut.); **RCI:** 15325 f/d cd (40th anniversary cd, pennant) 26 ds rpt EE v/s Bill Westenhaver (Robinson, Ut.); **CBC (Northern Quebec Svc.):** 9625 f/d cd (1988 Winter Olympics) 21 ds 1 IRC (returned) rpt EE v/s Bill Westenhaver (Brown, Il.); **CFRX:** 6070 f/d cd (map) 51 ds rpt EE (Brown, Il.)
Guiana China Radio Intl: 11680 f/d cd (Peihai Park, sked, "Messenger") 18 ds rpt EE v/s Fugang (Robinson, Ut.)
Mexico R Educacion: 6185 f/d ltr 427 ds (2 f/up, verification lost in mail for 1 yr) \$1 rpt SS v/s Luis Ernesto P. Orozco (Robinson, Ut.); **RE:** 6185 f/d ltr (stn info) 131 ds 2 IRCs rpt EE/SS (Brown, Il.)
Netherlands Antilles TWR: 15345 f/d cd (Pinta) 30 ds rpt EE v/s Sally Rork (Humenyk, Ont.)
Paraguay R Nacional del Paraguay: 9735 p/d cd (info) 76 ds rpt SS v/s Filemon Arguello M. Robinson, Ut.); **RN:** 9735 p/d cd (landscape pix, sticker) 32 ds \$1 rpt SS (Owsley, Ca.)
Peru R Tacna: 9486 f/d ltr (pennant) 54 ds \$1 rpt SS v/s Yolanda Vida de Caceves (Owsley, Ca.)
US WINB: 15295 f/d cd (sked) 50 ds rpt EE v/s John Norris (Humenyk, Ont.); **WMLK:** 9465 f/d ltr 18 ds rpt EE v/s Elder Jacob Meyer (Humenyk, Ont.); **WFLA:** 25870 p/d cd (logo) 10 ds \$1 rpt EE v/s Wilson Welch (Robinson, Ut.); **WMCR:** 7435 n/d cd (logo, w/writing across front) 110 ds rpt EE v/s Gail Francesca (Brown, Il.); **WFLA:** 25870 f/d cd (logo) 12 ds rpt EE v/s Wilson Welch (D'Angelo, PA.)

PIRATES

US EBO Radio: 7415 p/d cd (ltr, pix of female B/C engineer) 37 ds rpt EE (Pasquale, Pa.)

That's a wrap for another month. Hope everyone had a good Christmas and New Year's. Were you all good boys and girls and did Santa bring everyone R8s and 535s? Yeah, it was the same at my house. I'd like to thank the "regulars" as well as a couple of people I haven't seen in a couple of months. Good turnout. Hope everyone took the opportunity to do some listening over the holidays. See you all next month.....

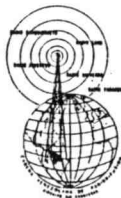
RADIO
DENMARK



RADIO BARQUISIMETO
PRESTIGIO INTERNACIONAL DE LA RADIODIFUSION VENEZOLANA

YVMR 690 Kc/s
ONDA LARGA
50 KW

YVMQ 4.990 Kc/s
ONDA CORTA
15 KW



YVXJ 9.510 Kc/s
BANDA INTERNACIONAL
de 31 metros. -15 KW

YVMR/FM 96,9 Mc/s
MODULACION DE FRECUENCIA

ELWA, P.O. Box 192, Monrovia, Liberia

Located in West Africa about 10 degrees south of the equator, ELWA, the radio voice of the Sudan, Interior Nigeria, broadcasts in 40 languages to Africa and the Middle East.

APARTADO POSTAL 567 y 576 **BARQUISIMETO - VENEZUELA**



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*News and Reports from the World of Non-broadcast Shortwave Radio
Deadline for articles and loggings the 12th of each month.....*

Happy New Year! We're back at it again with a full year of ute news and logs from you guys (and gals!). This month we are going to look under the hood of the Hoka Code3 multi-mode decoder. But first, as you know there are some new developments on the international front, particularly in East Africa. We start there.

SOMALI UTE FREQS

The United Nations last month started a massive airlift of troops and material to the East African nation of Somalia. We have a special report by Larry Van Horn, Ute World columnist for *Monitoring Times* SW Radio Magazine. Take it away, Larry.

The following was posted by Larry to the GENIE electronic information service.

Where do I look for DX?

First off, go to the GHFS frequencies. Watch for use of discrete frequencies (See my September USAF article). For those of you not MT subscribers (shame on you) here on the primes again (please don't ask me to rekey the discrettes):

4725 6738 8967 8993 11176 11243 13201 15015 17975

Now as far as AFI-3 and INO-1 here are those to watch out for:

AFI-3 Family

Addis Ababa	3467	5658	6574	8870	11300
			13288	17961	
Aden	3467	5658	11300	13288	
Benghazi	3467	5658	11300	13336	
Bombay	11300	13288			
Bujum Bura	8888	11300	13288	13294	13306
Cairo	3467	5658	6574	11300	13288

Dar Es Salaam	5658	8870	11300	13288
Djibouti	5658	11300		
Hargeisa	5658	11300		
Jeddah	5658	11300		
Khartoum	3467	5658	11300	13288 13336
Mogadishu	5658	11300		
Nairobi	11300			
Riyan	5505	6624	8847	8959 11300 13336
Sanaa	8918	11300		
Seychelles	3467	5658	11300	13288 17961
Tripoli	5658	11300		

Watch 11300 in late afternoon and early evenings, my favorite aero frequency this time of year. Right now lots of activity, good place to watch for Mogadishu. You might catch it also around 1200 UTC on long path with a little luck. Evening should hold until around 0300 to 0400 UTC.

INO-1

These are a little rougher to hear, but traffic coming from West Coast via Diego Garcia will be found here. Long path evenings best bet.

Antananarivo	5634	8879	13306
Beira	8879		
Bombay	5634	8879	10018
Cocos	3476	5634	8879 13306 17961
Colombo	8879	13306	
Dar Es Salaam	8879	13306	
Johannesburg	3476	5634	8879 13306
Lusaka	5634	8879	13306
Mahe	5634	8879	13306
Mahajanga	8879		
Male	5634	8879	13306 17961
Mauritius	3476	5634	8879 13306
Nairobi	6559	13306	
Perth	3476	5634	8879 13306 17961
St. Denis/			
Gillot	3476	5634	8879
Seychelles	3476	5634	8879 13306 17961
Toamasina	8879		

Be sure to watch NAT families especially NAT-A and E for mil activity

during non-Africa propagation periods. These should be ripe anytime with mil traffic headed that way. Watch for Coronet flights, Coronet + color calls (I would be especially interested in hearing about those), and also watch some of the Desert Shield/Storm AMC discrettes that popped up. I don't have them handy right now, but I covered some of them in the features and columns during the period.

Thanks Larry for that most useful and timely information. Larry is retiring from the Navy after 23 years this spring and will be 'moving in with Bob' at Grove Enterprises mid-summer. He is currently working on a new edition of *Grove's Shortwave Directory*, something to look forward to! Larry invites all ute DXers (SPEEDXers included!) to give him feedback and info on what they/you want in a guide. You can contact Larry at Grove Enterprises, P.O. Box 98, Brasstown, NC 28902-0098, USA.

Special Discussion:



I decided to devote a little space this month to a discussion of the Hoka Code3 multi-mode decoder. I will provide you with my thoughts on the machine, but I felt that more than one opinion might be informative.

To that end I solicited a review from several Code3 users—only one took me up on the offer. That brave soul is Ed Deasy of Charlottesville, Virginia. Ed has used the Code3 for several years and, from his discussions seems to be quite expert with the unit. Take it away, Ed.

Code3: A Detailed Review

Ed Deasy, Charlottesville, VA

I first heard of the Code3 RTTY decoder from an advertisement in *Monitoring Times* more than two years ago. At the time I had been curious about the RTTY modes mentioned in the *Klingenfuss Guide to Utility Stations*, some of which were not available on U.S. made RTTY decoders. The Code3 seemed to cover all of the Klingenfuss modes, and quite a few others. With some trepidation I mailed my mega-dollars overseas to someone I *thought* understood my order on the phone.

What I got was much more than what I expected. In fact, the function of many parts of the software were beyond my comprehension. Unfortunately, I also got an extremely complete German manual, and a halting, sketchy English

translation. I couldn't afford much transatlantic 'quasi-German-English' tech support, so I had to tough it out. Fortunately, Hoka Electronics, who make the Code3, had their manual re-written by Hoka's U.K. office and now is quite understandable.

Hardware description:

Code3, other than software, consists of a small box with two cables and one jack, and no adjustments. One cable is for AC power, one is for a 9-pin RS-232C serial port, and a RCA jack for audio input. Unlike many serial port adventures, I just connected everything together, installed the software, and it worked.

The Code3 works primarily by analog to digital conversion. The audio passband is 'sliced' into digital values, and then processed to determine timing and placement of tones. This is the basis of most of the Code3's 'analysis' modes, they are all mathematically derived from the digital information.

Software considerations:

The software is copy protected, with a numbered install routine. The word that come to mind is 'onerous,' but I can understand the company's need to protect their product. Other decoders have their key code in ROM; you can't use the program without the hardware. The Code3 hardware is quite simple, so the company has found it necessary to make the software 'locked.' The trouble with locked software is that it can be inconvenient. Also, if you should have two hard disk failures you'll need to return the software disk for renewal.

Features of the Code3

A unique feature of the Code3 is derived from the Analog to Digital signal conversion. The digital information is stored in a buffer during receive. This information can be stored as a disk file (about 500k). Hoka U.K. says this is rather like DAT tape.

The entire audio passband is stored in digital form. When you play back this file through the decoder it is just like being tuned to the original station again. Thus, you can store an unidentified mode for later identification. Furthermore, if you have a fast PC, like a 386, the playback is much faster than real-time. The software kicks up the speed in the decode and analysis modules to synch with the file dump.

The speed of the playback will also depend on the module—some are more numerically intensive than others. It may only take a minute to listen to 3 minutes of saved digital info. In most cases it's more convenient to use this feature to identify or analyze a signal than to do it in real time. Since there are more than 24 different modes and 11 analysis modules

to check the signal out on, the signal may be gone before you've found out what it is.

I should also point out there are two analysis modes that can act as decoders for modes not covered above. They are "character analysis" duplex and simplex. These modules search for bit patterns of known RTTY alphabets in the data flow. Many parameters exist within these modules for customizing. In practice, only rarely does this actually work. Modern systems are often quite complex, with interleaved inverted characters, making alphabet analysis a fairly complicated procedure. Nonetheless, I have been able to log several keying systems not covered in the decode modules using this analysis module.

Analysis and Tuning:

You tune while viewing a spectrum analysis of the passband. You simply tune the peaks corresponding to the tones until they are equidistant from the center frequency. A baud readout, accurate to .00 (!), shows in 10 to 30 seconds, with both synchronous and asynchronous speed equivalents listed.

I don't know what the maximum speed reading is, but I've measured rates above 400 baud. This particular baud readout will be effected by noisy signals. The "correlation mod signal" module should be used in this case.

Oscilloscope: This is a real oscilloscope, totally synchable, and with a storage feature. This feature costs extra.

Correlation Mod Signal: This determines baud-rate to .0000. You can get a readout in this module when the noise level is too high to get a consistent readout in the standard tuning screen.

Correlation Bit: This "exclusive Xor" analysis of bit patterns reveals CRC (character repetition) or other repeated patterns in data. Since it is statistical, it will work with very weak signals. Uses a graphical screen. This soon becomes an indispensable aid in identifying modes.

Mark-Space analysis: This determines whether the signal is synchronous or not, even in high noise. Uses graphical display.

Speed Preset: In high-noise, this module does a statistical analysis to indicate which standard baud rate you might have.

Speed-Bit analysis: This shows bit length graphically, which can be measured in Milliseconds using on-screen pointers.

Bit analysis: This is the same as databit mode

on M-7000.

There is also a 'Save as ASCII' feature, which, oddly enough, costs extra.

Performance:

There are two issues here; how well the decode module is implemented and how well the unit actually senses tones in the audio passband.

The decode implementations on the Code3 are in many cases better than the M-7000. There is no need for auto-synch or manual synch on synchronous modes. It doesn't matter whether the station is idling or sending traffic, the Code3 synchs up immediately. ARQ-E is very poor on the M-7000, does not easily synch on the 4 CRC version of ARQ-E. Code3 does this mode correctly. Baudot also seems more readable at lower signal levels than M-7000. The M-7000's TDM decode is very good on maintaining synch on very weak signals, if they are idling.

The complexities of evaluating performance can be seen by taking an example from a recent monitoring session.

I was trying to get an I.D. on a very weak 200 Baud TDM two channel station. I had both the Code3 and M-7000 on the signal. The M-7000 was maintaining synch on the idling signal much better than the Code3, which was holding synch for stretches, but then dropping it. When the actual traffic started, the M-7000 lost synch during a fade, so I had to hit the manual synch button to try to regain synch. I lost all the traffic on the M-7000 because it refused to re-synch on the traffic signal. The Code3 also lost synch during the fade, but regained and held synch long enough during the traffic to get an I.D. On other modes, such as Sitor-A, the situation would probably been reversed, with the M-7000 catching more of the traffic.

When it comes to sensing tones in the audio passband, I would rate the M-7000 higher in certain conditions. In wide shifts combined with high noise levels, lets say, an 850Hz shift signal below 10 MHz in typical evening conditions, the M-7000 will pull the tones out of a surprisingly high level of noise. The general signal to noise tolerance of the M-7000 is higher, although the differences narrow substantially as shifts get narrower. The Code3 seem particularly sensitive to static and noise bursts in wide-shifted signals on the lower frequencies.

It's easy to understand these performance differences when you consider how the "front ends" of the two decoders differ. The Code3 scans the audio passband, so, in the above example, an 850 Hz "window" has to be open in between the mark and space tones. This gives it multi-tone capabilities, and perhaps makes other modulation schemes decodable in the future. The

M-7000 and other "dedicated filter" type demodulators must be programmed (or auto-tuned) with the shift, after that there are only two very narrow windows of filtration at both the mark and space frequencies. This is very effective in reducing off-frequency noise. For instance, it's possible to copy a wide shift RTTY signal on the M-7000 even if a heterodyne is between the tones. The Code3 must scan across the het, so it chokes.

Hoka Electronic is aware of this, hence, the Code30, which has a automatic DSP prefilter, and numerous other features. The DSP filter constructs "windows" in the proper places, rather like the dedicated filter approach. In this case, the "window" will configure tightly around a multi-tone group. However, this product costs much more than the Code3. (approx. \$1200)

I can also compare the Code3 to the M-1000, which I have used for years. The signal to noise tolerance between the Code3 and M-1000 is very similar. One obvious observation here: the M-1000 is NOT comparable in this respect to the M-7000. In other words, I have found the M-7000 outperforms the M-1000 in most situations. However, the M-1000 seems to have an additional weakness on high baud rate synchronous codes. I've found that 192 baud ARQ-E3, and 200 baud TDM that I can easily synch on the M-7000, will not synch on the M-1000. It can't just be a matter of baud rate, since the packet module on the M-1000 is fine. So, while the Code3's signal to noise tolerance is similar, it does not have the shortcomings of the M-1000 mentioned above.

Comparison of important features:

The Code3 also uses a slightly different manner of printing text to the screen than the M-7000 and M-1000. If an error is received, a "tilde" [-] character is printed. That means when copy is really broken, paragraph spacing and columns still show reasonably correctly on the Code3. This also makes broken copy much more readable. The Universal equipment, with the exception of Sitor-B, lumps whatever is received together with no spaces. So, broken copy is much harder to make sense of.

Of course, there are also some features on the M-7000 which are omitted on the Code3. The Code3 does not have the M-7000's selcal function, which allows certain defined elements in the received traffic to turn on the printer, and turn it off. I don't miss this on a software decoder; it's much better to save to disk than to print out. In fact, the M-1000 is most advanced in this respect, the selcal can control "save to disk." This does add to convenience, keeping disk file sizes small.

Rating the Code3

The problem of comparing the Code3 to "decoders" is that is a bit more than just a

decoder. The tuning and analysis features have no comparable parallel on any other decoding equipment that I'm aware of. While daunting at first, these modules soon become "eyes" on the spectrum. Many of the modules reveal the actual bit structure of the received signal; they become interactive lessons in RTTY structure and function.

This brings new descriptive powers to new keying systems you can't actually decode. If you come across a 125 baud signal, you'll be able to say it has a 8 character repetition rate, that it's idling with pseudo-random characters, etc. For true code "hackers", which I am not, you can go further still.

If you can very accurately describe a keying system, using the analysis features of the Code3, apparently Hoka will consider writing a module for it. I have no idea what this might cost, though! They do seem to be actively working to expand the base of systems.

Here's a good example of the difference really knowing what you are receiving can make. I often see the statement on Shortwave topics that most RTTY in the spectrum is encrypted 75 baud. The problem with the statement is that it's incorrect. The majority of these 75 baud signals are synchronous RTTY systems: Baudot is an asynchronous RTTY system with start and stop bits. If you have a decoder which indicates whether the code you're receiving is synchronous or asynchronous, it soon becomes clear that only a very small percentage of those 75 baud signals are, in fact, Baudot. The rest come out garbled on your decoder because 'they are not Baudot', not because they are encrypted. Even if they were sending in the clear it would print garbled on a Baudot decoder.

On the other hand some folks just want to print out press Baudot and faxes and couldn't care less about statements on code structure, etc. More power to them, they're still sane. The Code3 is more suited to "enthusiasts" who can go on endlessly about such things as I did in the very last paragraph. There are many economical options for beginners in RTTY these days, including the nearly shareware "Hamcom".

I hope this information will be of help to prospective RTTY decoder buyers. As you can see, a comparison of equipment and software of this complexity is complex in itself. It can help, where overwhelmed with features as in this case, to carefully consider what you really need in a decoder before making a decision.

Thanks Ed for that fine review. After using the Code3 for about 6 months myself, I have to agree with most of what Ed said in his article. I would like to add a few comments, though.

I think the last paragraph in Ed's review is worth noting. If you've never decoded a RTTY signal before, you will be overwhelmed by the flexibility and sheer decoding power given to you by this unit. The learning curve is fairly long when learning how to use the Code3. I am (he said humbly!) fairly proficient on all the M-7000 modes, yet I have only managed to decode fewer than *half of the modes contained in the Code3!* I HAVE learned much more about RTTY and data structures than I ever would have by using the Universal machines.

While the Code3 is a great analysis tool, I do have some questions about the implementation of one mode—the Facsimile decoder. While I have been able to decode weather faxes, the tuning is difficult for someone used to the Universal implementation. Most of the decoding is automatic and the resolution doesn't match the M-1000.

I would also like to see Hoka beef up their documentation so that non-Computer Scientists could understand the fundamentals of data structures and, more importantly, how to decode them. This point is the most frequently mentioned point of Hoka users, "its just not very user-friendly". The graphic interface is just as friendly as any other decoder, but the features/modes documentation leaves many gaps for the user to 'discover' on his/her own. Perhaps Hoka NAM could expand the manual? Ed is right—the Hoka U.K. manual is MUCH more understandable than the Dutch/German version.

From an operational standpoint, the Code3 is easy to install and easy to navigate. The windows-like interface is simple, but it does not support monochrome VGA displays unless you run it under Windows 3.1. If you are still a DOS user, you must have a color monitor. The Code3 will not install on a hard disk with modern disk compression software. (ie. Stacker, DR.DOS 6.0, Xtradrive). Since I run Xtradrive, I had to partition an uncom-pressed segment of my disk (2.3 Megs is enough for Code3). It works fine now.

One problem, which I think Hoka NAM has solved, is the power cord on the A-D Converter box. Mine came with a European 2-pin plug which, even with an adapter, didn't stay plugged in. I eventually replaced that plug with a 'clip on' US-style power plug. Now it works fine. Another minor 'gripe' I have with the Code3 on the operational level is that I must give up my COM2 (serial port) to keep it plugged in. I run Windows all of the time and must have a mouse on COM1. I also have an internal modem installed, so every time I want to use the modem I must physically unplug the Code3. I would like to see an internal PC card version of the A-D converter.

Despite the above comments, I really like the 'feel' of the program. This decoder has rejuvenated my interest in RTTY decoding in the months since I first got it. As Ed said, it allows you to make the jump from simple 'reactive decoding' to actually understanding what is going on within the signal you are receiving. Indeed, as Ed said you will probably become a 'radio hacker' if you get this unit. If you have grown a bit bored with the same old modes on RTTY, or tired of all those '75 baud blackholes', then you are probably ready for a Code3. Code3 costs \$495 US and can be obtained from: J&J Enterprises, 4001 Parkway Dr., Bossier City, LA 71112. The order line phone number is (381) 631-3081.

Well, I'd better shut up and get on with the loggings or we'll be out of room. Here's what you've heard this month (in an abbreviated form, alas!):

JANUARY 1996 UTILITY WORLD LOGS

<i>Frequency</i>	<i>Mode</i>	<i>UTC</i>	<i>Callsign</i>	<i>Station/Remarks/Contributor</i>
5754.00	RTTY	0830	RFFGCEM	UNID/ARQ-E 72 baud/Jansen-NED
5847.50	RTTY	0830	RFFDBCW	UNID/ARQ-E 72 baud/Jansen-NED
5909.00	CW	1517	BMB	Taipei Meteo, TAIWAN/wx and ID/Berri-CA
8474.00	CW	2300	HCG	Guayaquil, ECQ/marker/George-MA
9057.00	RTTY	1547	DFZG	MFA Belgrade, YUGO/75 baud Baudot/Jansen-NED
14372.00	RTTY	0955	SNN299	MFA Warsaw, POL/Pol-ARQ 100 baud/Jansen-NED
15703.00	RTTY	1543	YZJ6	Belgrade, YUGO/TANJUG FF Nx 50/400/Wolfson-OH
16065.00	RTTY	1709	IRO30	Rome, ITA/ANSA EE Press 50/500/Wolfson-OH
17535.07	RTTY	0945	V5G	MFA Bucharest, ROU/ROU-FEC 164.5 baud/Cooper-UK
19808.00	RTTY	1202		Lagos, NIG/SWED-ARQ 100/415 (Norwegian Embassy, Lagos) Nice catch Robert!!/Hall-RSA
20004.50	RTTY	1446	CLP1	MFA Havana, CUB/100 baud Baudot to Iraq/Jansen-NED
20198.30	LSB	1656	AFE70	Cape Canaveral, FLA/STS52 Shuttle Launch/Lukas-NY
20558.20	RTTY	1625	5AQ88	Tripoli, LIBYA/JANA EE Nx 50/400/Wolfson-OH
26725.5	CW	1538	NAR	Key West, FLA/marker/Lukas-NY

Sorry about the meagre logs this month, but our page allocation is firm. I'll concentrate on the logs next month. Keep 'em coming and I'll see you in February! **73,** *Chuck*

**** THE TICK-TOCK TIMES ****
Bi-Monthly Time Signal Stuff
by Myke Weiskopf
The BBS Edited Version # 4

The official journal of the "International Time Signal DXer's Association" Sample issue #4

The Shortwave Paradise BBS is now featuring the ITDXA on its Bulletins Menu. Literature has been delivered to the BBS, and it should not be too long before we appear there more often. We wish to thank Mr. Dale Vanderpoel, SWPBBS-System Operator, for all his help and cooperation in getting us on his board, and for helping us understand just what it is we're doing on there. A brief summary on how to upload and download our files should follow in our Newsletter soon.

To join the **International Time Signals Dxer's Association**, send check or money order, \$5.00 a year, payable to:

Myke Weiskopf
c/o ITDXA
1119 Parkwood Ave.
Rockford, IL 61107 USA

VNG Changes Frequencies!

Aussie sig VNG has added 2.5 MHz to its preexisting four: 5, 8.638, 12.984, 16 MHz. On other VNG news, it is apparently untrue that they are going off of the air. (Unfortunately for me: That would have been my first rare tape!)

The First Annual Time Party!

I am trying to organize a big bash to be run here in Rockford Illinois for all you members and non-members. The party, which will run for two days at the Clock Tower Inn / The Time Museum, will feature exhibits on time signal history, chat sessions on exotic time signals, listening sessions, and other neat stuff. I am also trying to bring James Maxton and/or Roger Beehler (both WWV technicians) to the Party. It would not take place until the summer time, but I'm trying to plan it for a weekend. If you are interested or would like to help or make a reservation, please call me at (815) 229-7121 (voice) or leave a message on the way-cool SHORTWAVE PARADISE BBS at (305) 524-1035 for "Myke Weiskopf". The total expected price of the event is \$100, which covers two days of hotel room, the event, and the cost of exhibit room rental. Access to the Time Museum, the Resort's rather large swimming facility, and other parts of the Resort is all FREE!!!

Time Signal Stations, by G. Klawitter

...is still available from the Club! Believe me, there are plenty left! They are \$18 from the Club (incl. S/H), and come with lots of cool ITDXA stuff.

What Did You Do the First Time You Heard WWV?

That's the question of the month, and we're asking everyone we know to tell us their answers! As part of the induction of the TICK-TOCK TIMES into Magazine-land, we're running a big, big feature on what people thought when they heard the goofy time signal station. (Or any time sig, for that matter.) Please leave your answers with either of the above numbers, or write a lengthy discourse (or just a friendly note) and send it to:
1119 Parkwood Ave., Rockford, IL 61107.

Canadian Siggie CHU

...will be the first recipient of our Time Signal Profile section, now taking the cover spot on each TICK-TOCK TIMES to come. Features year of first broadcast, voice recordings, tick format specifications, and engineers, as well as other cool info. Next month: Planned Australia's VNG. CHU will be on in about two weeks on this very BBS, so keep your eyes wide open for what I hope to call "CHU.TXT"!

Bye now! Please leave your comments with "Myke Weiskopf" on the BBS!

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