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# SHORTWAVE RADIO TODAY

June 1992

Volume 21, Number 6

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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:  
Dan Brame  
376 S. Jeffrey Lane  
Wheeling, IL 60090

## JUNE 1992

### GREETINGS FROM WHEELING

Hello to all! An absolutely crazy schedule has kept me away from the radio for most of the month—I hope May found you with more time for DXing than I had. As the school year winds down, it seems I'm busier than ever as I watch the days slide off the calendar. Between concerts, grading papers and typing reports, I'm ready for summer vacation!

Anyway, it's been a quiet month as far as mail goes. Contributions are down a bit this time, but it's quality, not quantity, right? I very much appreciate those of you that have sent in letters and clippings—keep 'em coming! One thing I would like to see more of, though, is questions from members that are newer to the hobby. I know that I had a lot of them when I was starting out, and like I've said before, if I don't know the answer, I'll find it for you!

So, on with this month's installment. . .

### REPORT FROM THE DAYTON HAMVENTION

by Michael Schulsinger, N8QHV

The 1992 Dayton HamVention proved to be one of the coldest and wettest on record. Consequently, paid attendance over the three days of the event was down to **only** 32,000 hardy souls. Of that number, many hundreds came from Canada, fifty came from the British Isles and dozens of other nations were represented.

As usual, HamVention was a one-stop shopping center for receiver buyers. Almost every shortwave radio in the American market was on display, though I didn't find a DAK booth for the under \$50 crowd! Among the British were agents from Lowe Electronics, who were shopping for U.S. outlets for their line of receivers. R.L. Drake, who introduced their Drake R-8 here last year, are preparing a rack mounted version intended primarily for professional use to be known as the R-8000.

Radio hobby publications were well represented. Publishers and editors from Monitoring Times, Popular Communications and the amateur radio magazines were joined by staffers from Practical Wireless and Short Wave Magazine, the folks behind the tour group from Britain.

Sunday's Listener Forum started with

Bob Grove of Grove Enterprises, who answered questions from the roughly 70 attendees about the prototype of his new Grove SW-100 communications receiver (see accompanying article). Steve Forest, a reporter for WLWT in Cincinnati and contributor to WWCR's Signals program, discussed recent shortwave radio developments. I finished the forum by describing the changes coming soon to the AM Broadcast Band in North America.

If you want to start planning for next year, HamVention 1993 is tentatively scheduled for April 23-25. If you attend HamVention, you may get wet, cold or hot, and you will finish the weekend exhausted, broke and with more sore leg muscles than you knew that you had, but thousands return year after year, so the Dayton Amateur Radio Association must be doing something right!

Thanks a lot, Mike, for the report! As it turns out, one of my students who takes a business trip with his father every spring had been going to the HamVention all along. I found out this year that his father's company manufactures connectors of some sort used in amateur radio, and they exhibit at the event. And me, I'm stuck here in Illinois!

### WBEZ CHICAGO AND SISTER STATION RADIO KIEV

Chicago Tribune, 4/21/92

This article from my local paper shows what the radio industry can do to promote world peace. . .

"Shortly before 6 p.m., engineers in Ukraine's Radio Transmission Center are adjusting sound levels while listening to WBEZ's Chicago weather forecast. It's just about noon in Chicago, 40 degrees, and the forecast is for snow.

"Beyond the sound room's glass partition, Radio Kiev editor Yevgeni Kuzmin sits at a table surrounded by sheet music stands, he adjusts his headphones and the tall mike hanging overhead. 'Yevgeni, how are you?' pipes in the voice of WBEZ's Sondra Gair. Minutes later, her voice begins to fade in and out. 'OK, I'll put you on hold,' Gair says. 'We'll be back as soon as possible.'

"So begins the monthly hookup between WBEZ-FM 91.5 and Radio Kiev, a radio bridge that will celebrate its fifth anniversary in June. On the second Monday of each month,

# THE DXPERIENCE

## Page Two



### Chicago/Kiev, cont.

Ukrainian journalists, scholars and political analysts are connected by trans-Atlantic phone line to their Chicago counterparts."

The article goes on to discuss the problems in the CIS with the media's ability to report the news. Journalists rely on Moscow's monopoly of the former Soviet press since foreign correspondents and access to news lines are too expensive. Alexi Sologubenko, a former Radio Kiev reporter, stated "There is no dissenting voice. . . Why? It's the political society and everyone thinks there should not be a free press at this time." However, Inna Chichinadze, vice director of the State Ukrainian Television and Radio Co. foreign service, blames the problems on the youth and inexperience of the media. "We try to reflect all points [of view] that exist in this society. We do not do it in all cases. . . But we are trying."

Anyway, the WBEZ/Radio Kiev connection is an interesting one. Can you imagine a similar agreement between, say, your local Z-Rock and Radio Tirana? Nah, me neither. . .

### GROVE'S NEW SW100 RECEIVER

via Mike Schulsinger

This new radio from Grove Enterprises is billed as being "built to exacting government surveillance standards [as a] professional grade receiver [with] premium features at affordable cost." It is not mentioned in their May-July catalog, but Mike sent me their advance press info from the HamVention.

Features include: an all-metal enclosure, coverage from 10 kHz through 32 MHz (1000 MHz with the optional converter), 100 memory locations (1000 with optional expansion) and 10 Hz frequency LCD readout. The SW100 receives all modes including AM, USB, LSB (ISB with optional adaptor), RTTY, CW, FAX and narrowband FM. For you technofeuds out there, it also boasts advanced synchronous detection, up-conversion and wide dynamic range to help eliminate images and intermod, and crystal and multi-element piezo filters.

The sound comes from a 4" top-mounted speaker. An all-mode squelch, 40 db notch filter and a low-distortion pulse noise limiter improve the sound quality. Signal strengths can be read in S units and microvolts. A tape recorder control and an optional RS232C

interface for computer control allow the user to connect the SW100 to other equipment. The dimensions of the unit are 4" x 9" x 8" with a weight of 5 lbs.

The press release states an availability date of August 1992 but no information on pricing. If you are interested in more info, contact: Grove Enterprises, Inc., 140 Dog Branch Road, P.O. Box 98, Brasstown, NC 28902-0098 or call them at (704) 837-9200.

By the way, if SPEEDX HQ will pick up the tab, I would be glad to test the rig in my own shack for a couple of years to evaluate it for the column. If not, one of you out there that are fortunate enough to pick one up for yourself should write a review and send it to Don Brewer for his column.

### RADIO NEDERLAND'S FREE PUBLICATIONS

from RN direct

In last month's Trash and Treasure, Don Weber mentioned RN's long-running policy of making quality publications available free to DX hobbyists. I recently received their "Listener Services Catalogue" (Aug 91 ed.), and I thought I would let you know about some of these pamphlets.

The "Receiver Shopping List" is "the only free impartial consumer guide to choosing a shortwave receiver on the world market," and it is highly respected in the field. "INFODUTCH" is a listing of IBM and Mac software for DXers. "Writing Useful Reception Reports" discusses how to make your QSL requests more helpful to international broadcasters. There are booklets about DXing Latin America and Indonesia, antenna construction, solar forecasts and beacons. They also provide info sheets about RN and its relays.

This is a wonderful opportunity to get very useful materials from one of the most "user-friendly" of all of the international broadcasters. Contact RN at P.O. Box 222, 1200 JG Hilversum, The Netherlands. Tell them you read about it in Shortwave Radio Today!



LISTEN TO THE WORLD ON SHORWAVE!







### TIPS FOR DXING

Back in March, I included an informational article for the novice DXer on IDing stations in Spanish. I haven't heard from anybody about whether or not this was helpful, but I'm going to try again anyway with my own high school language, French. I hope that it encourages some of you that are newer to the hobby to try for some more exotic DX.

#### FRENCH

After Spanish, this is the next easiest language to become familiar with for DXing. It will help you add to your country count in Africa. Unlike the smaller Latin American outlets discussed before, these stations are usually government-run rather than commercial, so they tend to have more formal IDs without any kind of slogan or call sign.

1) As with any station, listen around the top of the hour and at half past. Time pips often precede the ID.

2) Set up a tape recorder by your radio. If you can connect them by patch cord, so much the better. I use a jury rigged system: a cord runs from the radio's headphone jack to the mike jack on my walkman. I then pop in a tape and hit record, listening with headphones on the walkman. This way I can go back and listen several times to a single sentence to make sure I know what I heard.

3) It helps to know some key words in French. The city where they are transmitting from or the name of the station will usually follow one of these phrases:

**Ici** (This is . . .) pronounced "ee-cee"

**Emettant de** (Transmitting from . . .)

**Vous êtes à l'écoute de** (You are receiving . . .) "voo zet ah lay-coot duh"

**Vous écoutez** (You are listening to . . .) "voo zay-coo-tay"

**Radiodiffusion** (Broadcasting)

**La Voix de** (The Voice of) "lah vwah duh"

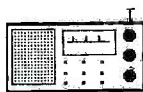
Now that you know what to listen for, here are some easy targets you should be able to hear. Most sign on between 0400 and 0600 and fade out at their local sunrise. In the winter, they can be heard fading in around our dusk until they sign off between 2200 and 0000.

Cameroun	CRTV-Yaoundé	4850	"Ici Yaoundé."
Chad	R Nat Tchadienne	4904.5	"Ici N'Djamena, R. Nat. Tch."
Côte d'Ivoire	RTV Ivoirienne	7215	"Ici Abidjan."
Gabon	Africa No. 1	15475	1600-2000
Mali	RTV Malienne	4835	"Ici Bamako."

You can also look for Deutsche Welle transmissions that are relayed from Rwanda. During the interval signal, an announcer will say "Relais, Kigali."

For more tips, check out the African column in Shortwave Radio Today. Also, I highly recommend that you buy a World Radio TV Handbook (WRTH) for country by country listings of stations, frequencies, schedules and IDs.

Bonne chance! (That's French for "good luck.")



### JUNE HOLIDAYS

From Federal Express via Don Weber, supplemented by Michael Fanderys

On my list this month is Id-al-Adha around June 11 or 12. It is an Islamic holiday celebrated throughout the Muslim world. The Christian faith commemorates Whit Monday on June 8. Latin America and some European countries celebrate Corpus Christi on June 18. Other days of note:

- Argentina** - Flag Day, 20
- Burkina Faso, Côte d'Ivoire, Guinea, Guinea Bissau, Mali, Niger & Senegal** - Tabaski, 12
- Djibouti** - Independence Day, 27
- Ghana** - Revolution Day, 4
- Iceland** - National Day, 17
- Italy** - Republic Day, 2
- Jordan** - Arab Revolution and Army Day, 10
- Luxembourg** - National Holiday, 23
- Madagascar** - Independence Day, 26
- Mozambique** - Independence Day, 25
- Philippines** - Independence Day, 12
- Portugal** - Portugal Day, 10
- Seychelles** - Independence Day, 29
- South Korea** - Memorial Day, 6
- Sweden** - National Day, 6

**Zaire** - Independence Day, 30; Anniversary of Currency, Promulgation Constitution and Day of Fishers, 24. (That's gotta be one wicked parade . . .)

Last month, I asked the all-important question, what is "blue ice," and what do they want with it in Czechoslovakia and Hungary? Well, Peggy Thompson wrote to let me know that it's that blue liquid in plastic containers that you freeze to keep your cooler or insulated lunch bag cold. What do you know? By the way, this month Fed Ex tells me that we can now send furs to the United Arab Emirates. I'm sure it gets quite cold there in winter . . .

### MORE ON MINT STAMPS

via Jim Evans

Jim read the article last month on William Plum's mint stamp service for DXers, and he sent along a note about the source he has used for the last ten years. The DX Stamp Service, 7661 Roder Parkway, Ortario, NY 14519, is run by George Robertson for SWLers and hams. Jim said he provides "prompt, accurate service." His latest price list is available for a SASE.

### THE SPEEDX CLASSIFIED ADS

**FOR SALE:** Scanners: Various Bearcats, Lafayettes and Fanons from \$50 to \$140. Realistic Patrolman Pro-2B tunable VHF hi/lo, \$60. Realistic Astro 8, \$100. Unused Belden #9913 RG-8U low loss 50  $\Omega$  coax, 50' for \$35, 100' for \$70. Tripp-Light #PR-10, 10 amp DC power supply (never used) \$80. Escort radar detector, mint, \$150. Sony Watchman w/ 3" x 3" screen, mint, \$100. NOTE: All crystal scanners include crystal certificates. All radios include antenna, charger, batteries, cords, etc. All prices include prepaid UPS shipping within the US. All reasonable offers including trades will be considered. James L. Richardson, (303) 933-2195 or (303) 972-4313 (FAX). [Sorry I couldn't include more details on the scanners; call Jim for info on specific models and prices.]

**FOR SALE:** Back issues of ACE (2/90-2/91), SPEEDX (11/89-2/92), NASWA Journal (11/89-2/92), SWL (1/90-3/91), Monitoring Times (various 91-92), all for best offer (will separate). RDI White Papers (R-71A, NRD 525, R-5000, antennas) \$2.50 each. Unused coax: 100' RG-213 - \$20; 200' reel RG-213 - \$45; 500' reel RG-59U - \$50. Prefer selling to New Englander who can pick up on-site. Chip Karcheski, 23 Gail Dr., Holden, MA 01520-1710 or call after 5 pm (508) 829-6120 (no collect).

**FOR SALE:** From the estate of the late Harold J. Fister: NRD-535, purchased 6/91 - \$1600. ICOM IC-47A, good condition. Grundig Satellit 650, good condition. NRD-515, needs repair. All reasonable offers, plus shipping charges, considered. Mrs. Harold J. Fister, 6 Maut Circle, Naples, FL 33962.

# Portables on Parade

The SPEEDX Receiver Review Column

edited by

**Don Brewer**

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

DRAKE R-8

BY CHARLES ALEXANDER, OH

It was exciting to learn that the R. L. Drake Co. of nearby Miamisburg, Ohio had re-entered in shortwave receiver market with the R-8 after its former years of glory with the 1-A, 2-B, R-4 series, R-7 and others.

As any SWler or DXer would do, I brought my new R-8 home, took it out of the box, plugged it in, hooked up an antenna, and fired it up! After tuning a few broadcast stations, I noticed it sounded GREAT, even better than a R-7. It was easy to use, and it seemed to do well on ham bands and utility stations.

The R-8 covers .100 kHz to 30 MHz with operating modes of AM, CW, LSB, USB, FM, and RTTY. It has 100 memories with scanning, two VFO's, synchronous detection, passband tuning, notch filter, R.F. preamplifier, two antenna inputs (and a converter input), AGC slow fast and off, and five bandwidths, all standard! My NRD-525 came with two bandwidths, both ceramic with not very good shape factors and no optional AM filters. The R8 operator's manual is straightforward, simple to read and understand and in very clear print.

Next, the real tests to see what happens in a crowded band. I wanted to see how good the filters were. I found a weak station 5 kHz down from a strong station and set the bandwidth to 6 kHz, where I heard much interference. I then switched to 4 kHz and most of the interference disappeared. On my NRD-525 the interference was still there. Obviously the R-8 filters are very good; as good as 8 or 16 pole crystal filters!!

The passband tuning is smooth and easy to use.

The notch filter is very touchy to use, but once it is tuned in, it works well.

The synchronous detector is easily activated by simply pushing a button. I learned that stations which could barely be heard became much easier to hear with the sync. circuit turned on.

I tried a few stations with ECSS (using LSB or USB for tuning in weak AM stations). This worked much better than on the R-7. The R-8 is rock solid stable!

Some of the other bells and whistles on the R-8 are: an exceptionally quiet RF preamp, AGC (slow fast and off), two VFO's, a noise blanker (narrow and wide), setting of tuning steps, three modes of scanning (memory, list, and VFO A to VFO B) with three methods of stopping (seek, time and carrier). It has rubbery keys, which I am not too fond of, but they do feel positive and there is a "beep" function which can be turned on or off. A clock that can be displayed for about three seconds when the unit is on, and is always displayed when the unit is off.

The main tuning knob is a bit small, but it is smooth and has a good tuning ratio. The bandwidth and the mode function buttons are too close to the tuning knob and it is easy to bump the tuning knob.

All in all, R. L. Drake is back, and better than ever in my opinion! Still unparalleled in features and performance versus price. The R-8 is definitely a first-class, easy to use communications receiver. For all of its features, it is very reasonably priced.

(One mail-order catalog in my file lists the R-8 at \$959.95 - ed.)



# WHAT'S ON

ENGLISH BROADCAST TO NORTH AMERICA



Daniel Sampson 4 Turtle St. Arcadia, WI 54612

Let's pull ourselves off of the beach for a few minutes and see what we can hear on the good ol' shortwave radio. Schedules are always appreciated here at the above address or if you prefer you can send me schedules to me on the Compuserve BBS. My user ID on Compuserve is 73540,3025. Thanks to Edward Brown and William Westenhaver for the schedules they sent. I would love to hear from more of you.

CROATIA--Croatian Radio, Studio Zagreb has been heard at 1159 UTC on a new frequency of 21480 kHz. A summary of news in English was broadcast between 1203 & 1207. (Richard Langley, Canada via SCDX 2155 via Compuserve)

Time to open the pages of London Calling and see what the BBC has to offer.

On Heritage Malcolm Billings visits some of the most important and unusual archaeological sites and he explains where precious archaeological material and historic buildings are threatened by modern development, theft or just plain old age in a six-part series starting Fri, June 5, at 0730 rep 1215 & 1930 (except June 26).

On The Italian Renaissance Sir John Hale charts developments in the political, religious, and cultural spheres in a five-part series starting Sun, June 28 at 1401 rep Mon 0630 & 1001.

For opera buffs the BBC will be airing an Opera of the Week starting Sat, June 13 1901 rep Mon 0101 & 1515. June 13 will bring Verdi's II Trovatore with Pavarotti, June 20 Rossini's II Viaggio a Reims with Claudio Abbado and June 27 brings Borodin's Prince Igor.

In connection with the Earth Summit in Rio de Janeiro, the BBC will have a Earthlives Phone-In lasting an hour on Sunday June 21 at 1401 with edited 30-minute repeats Mon 0630 & 1001. If you would like to phone in, you can join the phone-in from 1200 UTC on June 21.

If your question is included you will be called back just before or during the program. The number to call is 44 71 379 7444 the international access code in the U.S.A. is 011 you can save additional time by pushing the # button after the number, so if you're not thoroughly confused dial 011 44 71 379 7444 #, after dialing any international call allow at least 45 seconds for the ring to start. If you're calling from the U.K. 071 379 0411.

UTC Time	Station	Notes	Frequencies
0000-0027	R. Prague, Czech.	---	11990; 9580; 7345
0000-0030	BBC, U.K.	---	15070; 12095; 9915; 9590S; 6175S; 5975An
0000-0030	R. Canada Int'l	Tu-Sa	13670; 9755; 5960
0000-0030	R. Norway Int'l	Su-M	15165
0000-0030	RFPI, Costa Rica	Sa-Su	21565; 13630
0000-0030	RFPI, Costa Rica	M-F	21565; 13630; 7375USB
0000-0030	Swiss R. Int'l	---	17730Br; 12035; 9885; 9650; 6135
0000-0030	VOIRI, Iran	---	15315; 15260; 9022
0000-0050	R. Pyongyang, N.K.	---	15115; 13760; 11335
0000-0100	R. Beijing, China	---	11715Mi; 9770Mi
0000-0100	R. Canada Int'l	Su-M	9755; 5960
0000-0100	R. Korea, S.Korea	---	15575
0000-0100	R. Moscow, Russia	---	21690; 21480Cu; 17890; 17825; 17655; 11860; 11735
0000-0100	R. Ukraine	---	17770; 17690; 9870; 9785; 9685; 9640; 7240; 7195; 6145
0000-0100	WYFR, U.S.A.	---	5985
0000-0200	KTBN, U.S.A.	---	15590
0000-0200	R. Havana Cuba	---	11950
0000-0200	REE, Spain	---	9530
0000-0200	WSHB, U.S.A.	---	13760; 7395
0000-0200	WWCR, U.S.A.	---	12160
0000-0300	WRNO, U.S.A.	---	7355
0000-0610	CBCNQSW, Canada	not all EE	9625; 6195
0000-0800	WHRI, U.S.A.	---	9495; 7315
0000-1000	WWCR, U.S.A.	---	7435
0030-0100	R. Yugoslavia	---	11870; 9580

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

UTC Time	Station	Notes	Frequencies
0030-0125	R. Nederland	---	11835B; 6165B; 6020
0030-0200	R. Australia	---	21740
0030-0215	BBC, U.K.	---	12095; 9915; 9590D; 6175S; 5975An
0030-0500	HCJB, Ecuador	---	15155; 9745
0100-0120	RAI, Italy	---	11800; 9575
0100-0130	R. Norway Int'l	Su-M	9615
0100-0130	R. Prague, Czech.	---	9580; 7345; 5930
0100-0150	DW, Germany	---	15105Ma; 13770; 13610; 11865Ma; 11810; 9700; 9565Ma; 6145; 6085; 6040An
0100-0200	R. Japan	Gen svce	5960S
0100-0200	WYFR, U.S.A.	---	15440; 11855; 6065
0130-0140	V. of Greece	---	11645; 9420; 7430
0130-0155	R. Finland	---	11755; 9560
0130-0200	R. Austria Int'l	---	13730; 9875
0130-0200	R. Yugoslavia	---	11870
0200-0230	R. Norway Int'l	Su-M	11930
0200-0230	R. Sweden	---	11705; 9695
0200-0230	SRI, Switzerland	---	12035; 9885; 9650; 6135
0200-0300	R. Argentina Ext.	Tu-Sa	11710
0200-0300	R. Moscow, Russia	---	17890; 17655; 17610; 12060; 11850Cu
0200-0300	R. Romania Int'l	---	11940; 11830; 9570; 9510; 6155; 5990
0200-0300	VOFC, Taiwan	---	15345; 9680Wy; 5950Wy
0200-0300	WYFR, U.S.A.	---	15440; 9505; 6065
0200-0330	R. Cairo, Egypt	---	11865; 9475
0200-0400	R. Australia	---	21740; 17795
0200-0400	R. Havana Cuba	---	13700; 11950
0200-0400	WSHB, U.S.A.	---	13760; 9455
0200-1100	WWCR, U.S.A.	---	5920
0200-1500	KTBN, U.S.A.	---	7510
0215-0330	BBC, U.K.	---	12095; 9915; 6175S; 5975An
0230-0300	R. Portugal	Tu-Sa	11840; 9705; 9600; 9570
0230-0300	R. Tirana, Albania	---	11825
0230-0400	R. Dubai, U.A.E.	---	15435; 15400; 13675; 11945
0250-0300	R. Yerevan, Armenia	---	15455; 15180; 11790; 11675
0250-0310	Vatican R.	---	11625; 9610
0255-0400	TWR-Bonaire, N. Ant.	---	11930
0300-0330	R. Japan	Reg svce	21610; 17825
0300-0330	R. Prague, Czech.	---	11990; 9580; 7345
0300-0350	DW, Germany	---	15205Ma; 13770; 13610; 11890; 11810; 9700; 9640; 6145; 6085S
0300-0350	V. of Turkey	---	9445
0300-0400	R. Beijing, China	---	11715Mi; 9770Mi; 9690Sp
0300-0400	R. Budapest, Hung.	---	11910; 9835; 6110
0300-0400	R. Japan	Gen svce	15230
0300-0400	TWR-Bonaire, N. Ant.	---	9535
0300-0400	VOFC, Taiwan	---	15345; 9680Wy; 5950Wy
0300-0500	WYFR, U.S.A.	---	9505; 6065
0300-0515	R. Sofia, Bulgaria	---	15160; 11765; 11720
0300-0600	WRNO, U.S.A.	---	6185
0310-0327	Red Cross, Switz.	---	12035; 9885; 9725; 6135 -- Jun 2, Jun 5, Jun 30, Jul 3, Jul 28, Jul 31, Sep 1, Sep 4
0330-0400	R. Austria Int'l	---	13730; 9875; 9870
0330-0400	R. Tirana, Albania	---	11825
0330-0425	R. Nederland	---	9590B; 6165B
0330-0430	BBC, U.K.	---	12095; 5975An
0340-0350	V. of Greece	---	11645; 9420; 7430
0400-0415	kol Israel	---	11588
0400-0430	R. Havana Cuba	---	13700; 11950; 11760; 6180
0400-0430	R. Norway Int'l	Su-M	11865; 9560
0400-0430	R. Prague, Czech.	---	15355; 13715; 11990; 9810; 7345
0400-0430	R. Romania Int'l	---	11940; 11830; 9570; 9510; 6155; 5990
0400-0430	SRI, Switzerland	---	13635; 12035; 9885; 6135
0400-0500	R. Beijing, China	---	11685Gu
0400-0600	R. Australia	---	15160
0400-0600	WSHB, U.S.A.	---	13760; occ. 9870; 9455
0430-0500	BBC, U.K.	---	5975An
0430-0600	R. Havana Cuba	---	11950; 11760; 6180

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



UTC Time	Station	Notes	Frequencies
0500-0550	DW, Germany	---	13790; 13610; 11925; 11705; 9670An; 9515; 6130; 5960
0500-0600	R. Beijing, China	---	11840S
0500-0600	R. Japan	Gen svce	17825; 15230
0500-0600	REE, Spain	---	9530
0500-0700	HCJB, Ecuador	---	11925
0500-0700	WYFR, U.S.A.	---	5985
0500-0730	BBC, U.K.	---	9640An; 5976An
0513-0600	R. Croatia	---	7315Wh
0530-0600	R. Austria Int'l	---	6015S
0600-0700	R. Korea, S. Korea	---	15170; 11810
0600-0800	R. Havana Cuba	---	11760
0600-0800	WSHB, U.S.A.	---	9870; 9465
0630-0700	R. Austria Int'l	---	6015S
0700-0800	VQFC, Taiwan	---	5950W
0800-1000	WSHB, U.S.A.	---	13760
0800-1100	WHRI, U.S.A.	---	7355; 7325
0830-1300	R. Australia	---	9580
1000-1030	kol Israel	---	17545
1000-1100	WYFR, U.S.A.	---	5950
1000-1200	WSHB, U.S.A.	---	occ. 13760; 9495; 9455
1000-2400	WWCR, U.S.A.	---	15600
1030-1100	R. Korea, S. Korea	---	11715S
1055-1300	TWR-Bonaire, N.Ant.	---	15345; 11815
1100-1130	BBC, U.K.	---	15220An; 9515S; 5965S
1100-1150	R. Pyongyang, N.K.	---	11335; 9977; 6576
1100-1200	R. Japan	Gen svce	6120S
1100-1200	WYFR, U.S.A.	---	11580; 5980
1100-1315	R. Jordan	---	13655
1100-1400	WHRI, U.S.A.	---	11790; 9465
1100-1400	WWCR, U.S.A.	---	12160
1130-1155	BRT, Belgium	Su	21810; 17555
1130-1155	R. Finland	M-F	21550; 15400
1130-1200	BBC, U.K.	Sa-Su	5965S
1130-1200	BBC, U.K.	---	15220An; 9515S
1130-1200	R. Austria Int'l	---	13730
1130-1200	R. Yugoslavia	---	17740
1130-1430	HCJB, Ecuador	---	17890; 15115; 11925
1200-1300	BBC, U.K.	---	15220An; 9740F; 9515S
1200-1300	R. Beijing, China	---	9665
1200-1300	R. Canada Int'l	M-F	11855; 9635
1200-1320	R. Nacional, Brazil	---	11745
1200-1400	CBCNQSWS, Canada	not all EE	9625; 6065
1200-1400	WSHB, U.S.A.	---	13760; 9495
1200-1400	WYFR, U.S.A.	---	17750; 11580; 6015; 5950
1215-1315	R. Korea, S. Korea	---	9750
1230-1255	R. Finland	M-F	21550; 15400
1230-1300	R. France Int'l	---	21645; 15365
1235-1245	V. of Greece	---	17525; 15080; 15050
1300-1325	BRT, Belgium	M-Sa	21810
1300-1325	kol Israel	Su-Th	17575; 15640; 11605; 11587
1300-1345	R. Finland	Sa-Su	21550; 15400
1300-1350	R. Pyongyang, N.K.	---	15230
1300-1400	BBC, U.K.	---	15220An; 11820Hk; 9740F; 9515S
1300-1500	R. Australia	---	13605; 9580
1300-1600	R. Canada Int'l	Su	11955
1320-1630	R. Jordan	---	9560
1330-1355	R. Finland	M-F	21550; 15400
1400-1500	BBC, U.K.	---	17840An; 9515S
1400-1500	BBC, U.K.	Sa-Su	11820Hk; 9740F
1400-1500	WHRI, U.S.A.	---	15105; 9465
1400-1500	WYFR, U.S.A.	---	17750; 11580; 6015
1400-1600	R. Beijing, China	---	7405
1400-1600	R. Japan	Gen svce	11865
1400-1600	WSHB, U.S.A.	---	occ. 17555; occ. 15610; 13760
1400-2200	WWCR, U.S.A.	---	17535
1400-2330	CBCNQSWS, Canada	not all EE	11720; 9625
1430-1600	HCJB, Ecuador	---	17890; 11925

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

UTC Time	Station	Notes	Frequencies
1500-1530	R. Sweden	---	21500; 17870
1500-1600	BBC, U.K.	---	17840An; 9740F; 9515S
1500-1600	BBC, U.K.	Sa-Su	15260S
1500-1600	R. Australia	---	13605
1500-1600	R. Moscow, Russia	---	11840Cu
1500-1600	WHRI, U.S.A.	Sa-Su	21840
1500-1600	WHRI, U.S.A.	M-F	9465
1500-1600	WHRI, U.S.A.	---	15105
1500-1700	WYFR, U.S.A.	---	17750; 11830; 11580
1500-2100	WRNO, U.S.A.	---	15420
1500-2400	KTBN, U.S.A.	---	15590
1530-1540	V. of Greece	---	17525; 15550; 11645
1600-1615	BBC, U.K.	---	17840An; 15260S; 9740F; 9515S
1600-1700	R. Moscow, Russia	---	17810; 11840Cu
1600-1700	WHRI, U.S.A.	Sa-Su	21840
1600-1700	WHRI, U.S.A.	M-Sa	13760
1600-1700	WHRI, U.S.A.	Su	15105
1600-1700	WHRI, U.S.A.	M-F	9465
1600-1800	WSHB, U.S.A.	---	occ. 15610
1615-1745	BBC, U.K.	---	15260S; 9515S
1700-1715	kol Israel	---	15590; 11587; 11675
1700-1800	R. Japan	Gen svce	11865
1700-1800	R. Moscow, Russia	---	17810; 15510; 11840Cu
1700-1800	WHRI, U.S.A.	---	15105; 13760
1800-1900	R. Moscow, Russia	---	15510; 11840Cu
1800-2000	RFPI, Costa Rica	Sa-Su	21565; 13630
1800-2000	WSHB, U.S.A.	---	occ. 21780; 15665; occ. 15610
1800-2100	R. Kuwait	---	13620
1800-2300	WHRI, U.S.A.	---	17830; 13760
1900-1930	kol Israel	---	17575; 15640; 11675; 11587
1900-1930	R. Afghanistan	---	9635; 6020; 4760
1900-1930	R. Japan	Gen svce	11865
2000-2200	R. Moscow, Russia	---	11840Cu
2000-2200	WSHB, U.S.A.	---	17555; 15665; occ. 15610
2000-2330	RFPI, Costa Rica	---	21565; 13630
2005-2105	R. Oamascus, Syria	---	15095; 12085
2100-2300	BBC, U.K.	---	15070; 9590S
2100-2400	WRNO, U.S.A.	---	13720
2110-2210	R. Oamascus, Syria	---	15095; 12085
2130-2200	kol Israel	---	15585; 15100; 11603; 11587
2145-2300	R. Sofia, Bulgaria	---	17825; 15370; 15135; 11870; 11720; 9700
2200-2230	R. Canada Int'l	---	13670; 11905; 9755; 5960
2200-2300	R. Moscow, Russia	---	17890; 12055; 11860; 9890
2200-2400	UAE R., U.A.E.	---	13605; 11965; 9600
2200-2400	WSHB, U.S.A.	---	17555; 9465
2200-2400	WWCR, U.S.A.	---	12160
2215-0115	R. Iraq Int'l	---	11945
2300-2330	R. Vilnius, Lithuan.	---	17690; 17605; 9530; 7400
2300-2350	R. Pyongyang, N.K.	---	13650; 11700
2300-2350	V. of Turkey	---	9445
2300-2400	BBC, U.K.	---	15070; 12095; 9590S; 6175S
2300-2400	R. Sofia, Bulgaria	---	17825; 15370; 15135; 11870; 11720; 9700
2300-2400	WHRI, U.S.A.	---	occas. 17830; 13760; 9495
2330-2355	BRT, Belgium	---	9930
2330-2400	CBCNQSW, Canada	not all EE	9625; 6195
2330-2400	R. Canada Int'l	M-F	13670; 9755; 5960
2330-2400	R. Canada Int'l	Sa-Su	9755; 5960
2330-2400	RFPI, Costa Rica	Sa-Su	21565; 13630
2330-2400	RFPI, Costa Rica	M-F	21565; 13630; 7375 USB
2330-2400	VOIRI, Iran	---	15315; 15260; 9022
24 Hours	CFCX, Canada	---	6005
24 Hours	CFRX, Canada	---	6070
24 Hours	CFVP, Canada	---	6030
24 Hours	CHNX, Canada	---	6130
24 Hours	CKFX, Canada	---	6080
24 Hours	WJCR, U.S.A.	---	7490

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

# SHORTWAVE TO GO!

New and Information from the  
**SHORTWAVE PARADISE BBS**  
Dale Vanderpool, Editor and Syop

Welcome to the column for this month! We have many interesting DX tips to pass along to you. We trust you will find them useful to your monitoring hobby.

Please give the BBS a call at: +1-305-524-1035. We are continually updating many of the shortwave files we have online.

This is the BBS REPORT for May 1992

ACTIVE USERS (Having called within the last 30 days)	122
TOTAL CALLS ANSWERED BY THE BBS	238
TOTAL DOWNLOADS MADE	267
NEW FILES ADDED	15
TOTAL FILES ON BBS	173

\* DX News heard from various DX programs in May 1992

Edited by Dale Vanderpool of the SHORTWAVE PARADISE BBS in Ft. Lauderdale, FL, and distributed via the BBS.

\* First Edited April 26th Latest update May 20th

## WESTERN HEMISPHERE

**VOA:** started a Kurdish broadcast on the air from 0300-0315 UTC. It is jammed started on May 2nd. On May 3rd an addition frequency was added, not jammed yet. The frequencies used are 1260 mw (via Rome), 5965, 7105, + 9540, all which are being jammed. The new frequency 11830 is not being jammed. Some of those frequencies are used for AR broadcast which is on prior to 0300 and comes back on after 0315 UTC. The jamming ceases after the Kurdish goes off. Only four languages are now being jammed on the VOA: Mandarin, Tibetan, Arabic, and Kurdish.

The VOA is taking historic steps in hiring airtime on transmitters in the former Soviet Union. This is in an aim of reaching the Middle East. On May 4th relays began at 1900-2000 UTC in AR on 1314 mw from transmitters outside Yerevan, Armenia. The power is 1000 kw.

The 2nd two transmitters from Botswana came on the air about 3 weeks ago. The VOA is now up to the full four transmitters in Botswana. (RNMN, 5/7)

**WWCR:** *World of Radio* will air a repeat on Mon. 1030 UTC on 15690. WWCR will also re-air "Signals" on Tue. 1045-1145 UTC and introduce their own "oldtime radio" series on Wed. 1030-1130 UTC (these will also air on 15690 Mhz frequency.) (WOR #640)

The Albanian group is gone, having run out of money to air programs on WWCR. The *Oldtime Radio* broadcast is being inserted on occasions Sun. 2300-0000 UTC on 15690. WOR has not gotten a fourth airtime, so they will continue with three broadcasts for now on Fri 2115 on 15690, Sun. 0305 on 7435, and Mon. 2045 on 15690. (WOR #642)

**WWCR** has added a new talk show from the Harter net, *The Bobby Lee Show* (called "the Mouth of the South") on Tue-Sat. 0515-0600. *Scriptures*, on in various foreign languages, has been rescheduled to 1100-1115 UTC Sat in Mandarin, FR, and GM. *Israel Press Review*, which has been used as a quarter-hour filler, jumping into the schedule wherever needed, most recently has been showing up Sat's 1845; but after Jun 2nd this program will no longer be available because it will be merged into a half-hour magazine program, making it harder to schedule. (WOR #643) WWCR moves s/on up to 1000 UTC everyday of the week on 15690. No longer any repeat of Signals. Oldtime Radio shows are being inserted Tue-Fri 1000-1100 UTC. *The Pat Boone Show* airs on Sat. Mon is a repeat of a Jewish talk show. WOR moved up to 1000 UTC Sun. The 3 other WOR broadcast times remain the same. (WOR #643)

**WQM-AM**, 1300 Nashville, TN (a subsidiary of WWCR) will carry WOR on UTC 0500 Sat. (WOR #643)

**KNLS:** Anchor Point, AK has a new schedule for EG now on from 0800-0900 UTC on the new frequency 7365 Mhz. (DXPL, 4/25)

**R. 16th of December:** (a clandestine station advocating the return to power of ousted Haitian President Jean-Bertrand Aristide) signing on in Creole at 2100-2300 UTC M-F on 17830, and Sun. from 1100-1300 UTC on 9850 broadcasting towards Haiti. It is believed that this is being fed by phone from the Haitian Embassy in Washington, DC along to Radio Miami International, then on thru WHRI (where RMI leases time). (RNMN, 4/30)

**R. Havana Cuba:** has started a morning SP transmission to ECNA as of Mon. May 11th on 11760 from 1100-1310 UTC. RHC has a new FAX number at +537-79-5007. (Direct)

**Radio Patria Libre:** Clandestine, has been heard by Hindle and FT reporter Alexander on new frequency 15040-15050 variable. Evening broadcasts parallel to 5850 until s/off 0105; morning broadcasts parallel to 6300 until s/off 1205. (WOR, via Mike Barraclough, WDXC).

**R. Apintie:** Paramaribo, Surinam reported heard on 5005.7 with mostly music but a clear "canned" ID at 0345 UTC (best on LSB), and a very good level by 0445 UTC. (David Clark, WOR #640) Heard on 5006 at 0405 UTC with pop music + a DJ in presumed? Hindi with some EG. (Hans Johnson, DXPL, 5/9)

**R. Aparecida:** Brasil heard in PT around 0930 UTC in New Zealand on the low end frequency of 5035 Mhz. (Arthur Cushen via RNZI Mailbag, 4/26)

**Radio Transamerica:** A Brazilian DXer reports that Radio Transamerica in Santa Maria, Rio Grande do Sul, has been testing on new 11705 until 2200 s/off. Reports requested to C. P. 6084, Porto Alegre. (WOR.)

**R. Globo:** Sao Paulo, Brasil received in PT on 9585 Mhz at 0905 UTC with an Id, then news, and music. (Peter Bunn, DXPL, 5/2)

**Peru:** A Peruvian station was found "on the air" with a new frequency of 4509 at around 1000 UTC. (RNMN, 5/14)

**R. Centinela Del Sur:** Ecuador, is now being heard on 4872 Mhz also around 1000 UTC. (RNMN, 5/14)

**RAE, Argentina:** have been hearing them on a strange frequency of 26290 from 2245-0200 UTC and at other times starting at 2115 UTC. (Alan Roberts, WOR #640) Heard on 26290 from 0115-0200. (BRT RadioWorld, 5/9)

## EUROPE

**R. France Int'l:** their EG broadcast at 1230 to NA has changed one of its frequencies. 15365 replaces 21635 but the parallel frequency of 21645 remains. (WOR #642)

**AWR, Italy:** has a new summer schedule: 0600-0700 UTC in EG on 7205, 0900-1000 UTC in EG on 7230, and (via Portugal, Sun only) 0800-0900 UTC on 9670 w/the popular DX program from the Danish Shortwave Clubs Int'l. (Arthur Cushen via RNZI Mailbag, 4/26)

**TWR, Monte Carlo:** Broadcasts in English 0635-0835 Sat, 0635-0850 Mon-Fri, 0635-0910 Sun, all on 9480. (John S Carson Jr.)

**Vatican Radio:** EG service to NA is at 0250 UTC on 9605 + 7305 Mhz. (WOR #641)

**R. Renascenca:** Muge, Portugal heard from 0600 to 0700 UTC s/off on 6100 Mhz. (This is a low power (100 kw) Rlg station rarely reported.)

**Voice of the Mediterranean, Malta:** their DX program was heard at 0618 on 9765 every two weeks on Tue. (WOR #642)

**Radio Sweden:** English for North America

0200 9695, 11705  
1500 17870, 21500

**Croatian Radio:** via Zagreb is heard in EG from 0705-0709 UTC Sun only on 9830. (Arthur Cushen via RNZI Mailbag, 4/26) Heard on 6210 parallel to 1134 mw at 2220 UTC in EG. 21480 is on 24 hours a day. BBCM reports EG 0603 and 0803 UTC weekdays, Sundays at 0703, 0903, and daily 1203, 2103 UTC on 9830, 7240, and 6210. (RNMN, 5/14)

**R. Yugoslavia:** is heard in EG with a daily broadcast from 1130-1200 UTC on 17710 (to SEA) 17740 (to NA), and 21610 (to AUS). (Arthur Cushen via RNZI Mailbag, 4/26)

Found on 6100 Mhz at 2100 UTC in EG coming in quite well in the Netherlands. (RNMN, 5/14) Their DX program is also on every two weeks on Sat. 0030 with a repeat at 0130 UTC on 11870. (WOR #642)



**R. Yugoslavia:** a relay of Macedonian Radio + Television by way of R. Yugoslavia is on the air each day from 1900-1930 UTC to EUR on 6100, 0100-0130 UTC to NA on 11870, and 1100-1130 UTC to AUS on 21605. At 0130 UTC the regular broadcast of R. Yugoslavia begins in EG. (Tom Sundstrum, DXPL, 5/9)

**R. Tirana:** noted at 0230 UTC in EG on 9760 with news, commentary. Signals from Albania were good. (David Williams, DXPL, 4/25)

**R. Romania Int'l:** has rescheduled its broadcast times. Now all of the broadcasts will be one hour in length. Now at:

1300-1400 on 17850, 17720, 15365, 11940  
1900-2000 on 11940, 9750, 9690, 7145, 5955  
2100-2200 on 11940, 9750, 9690, 7145, 5955  
0630-0730 on 15365, 11940, 9665, 7225 (WOR #641)

**R. Sofia:** has a new schedule for EG valid as of May 8th as follows:

0000-0045 15250, 11770, 11660  
0300-0430 15160, 11720, 9850  
1100-1230 11630  
1730-1900 17825, 17780, 15320, 11765, 11720, 9700  
1945-2030 17825, 17700, 11765  
2145-2315 15250, 11770, 11660 (John Norfolk, WOR #648)

**R. Czechoslovakia:** Programmes in English for North America

**Monday:** Sports Roundup; Lifestyle; The Arts in Czechoslovakia; Letter from Bratislava (repeat)

**Tuesday:** The Observer; Science and Technology/Stamp Corner (repeat); Magazine '92

**Wednesday:** DX Special; Listeners' Tribune; Probe (repeat); Brass Band Music

**Thursday:** Opinion; Ecology and Health; Letter from Bratislava; Stamp Corner/Science and Technology

**Friday:** Economic Report; Magazine '92 (repeat); Tip for a Trip

**Saturday:** Probe; Czechoslovakia This Week; From the Weeklies; DX Special (repeat); Check Out Czech (language lessons)

**Sunday:** Scrapbook; Encore

Address: Radio Czechoslovakia; Vinohradská 12, 120 99 Prague, Czechoslovakia

## CIS AND EX-SOVIETS

**R. Moscow:** is now heard in DU from 1700-1800 UTC on the new frequencies of 11630, 12000, 15485 Mhz. (BRT RadioWorld, 5/9)

**R. Galaxy:** is now back on 9880 Mhz with a super signal in Europe at 2000 UTC with an EG Id then into RU programming. (RNMN, 4/23)

Reported on 9880 at 2015 UTC, no longer on 9720. Good signals with RU pop music, occasional Id's in EG. (Jerry Berg, DXPL, 5/9)

**AWR, Russia:** also coming in good in Europe now heard at 1435 on 11855. (VOA is on 11855 at 1600 UTC making it almost impossible to hear AWR, Russia after that). (RNMN, 4/23)

Heard with good signal strength at 1300 UTC on 11855 till 1400, and again at 1900-2000 UTC on new frequency of 9835 in EG. (Arthur Cushen via RNZI Mailbag, 4/26)

S/on at 0100 with EG Id on 11855, also heard at 1300 on 11855 in EG. (Brian Alexander)

Reported also at 0700 UTC on 11855 with an EG broadcast. (Marlin Field, both DXPL, 5/9)

**R. Ukraine:** heard on 9870 at 2200 UTC, language was Ukrainian. (John Fischer, DXPL, 5/9)

**R. Alma Ata:** a new schedule for them now on in EG from 1830-1900 UTC on 3955, 5035, 5060, 5960, 5970, 9505, 15270, 15360, 17605, + 17715 Mhz. And again from 2030-2100 UTC on 3955, 5035, 5260, 5960, 5970, 15270, 15360, + 747 mw. (BRT RadioWorld, 4/25)

**R. Alma Ata:** noted at 1810 UTC on 4800 Mhz in RU + Kazakh with an ID; also heard on 11950 at sign off at 1959 UTC. This station was received in EG on 5035, 5260, + 5960 from 2130-2200 Sign off. (DXPL, 5/2)

Heard very well in the Netherlands on 3955 at 2030 UTC, parallel 5025. (RNMN, 5/7)

Heard on 17605 at 1857 s/off in EG with Id, rusie, then into another language. Signals were good. (Jerry Berg, DXPL, 5/9)

- Radio Seven:** is on the air everyday in Moscow from 2-4pm (local time) with mostly non-stop pop music, and Radio Seven jingles. Tests are on 73.385 (or 7385?)
- Radio Alef:** seems to be a joint venture between R. Moscow and the Jewish Children's Organization. They run a 1/2 hour program 3 times a week on 12075 + 7130 Mhz the days are Tue, Thu + Sat from 1600-1630 UTC, basically in RU with news bulletins and programs on the Jewish faith. On the other days of the week R.Moscow runs its AR service these same times + frequencies which must be confusing for those tuning in at this time. (RNMN, 4/30)
- Radiotrek:** heard from 1600-1800 UTC on 6910 (in Yekaterinburg, Russia) by DXers in Scandinavia who have been hearing this station quite often. This is the first private radio station in Yekaterinburg. Address is: PO Box 932 Yekaterinburg, 620063 RUSSIA. (RNMN, 5/14)
- FEBC, Russia:** heard from 0900-1030 UTC on 9560 Mhz with some EG still heard. (Arthur Cushman, RNMN, 5/14)
- Radio FNC:** in the CIS was heard at sign on at 1058 UTC in RU on 11735. (Jerry Berg, DXPL, 5/2)
- Kirgizistan:** The 1st programme from a transmitter in Bishkek on 4010 now has an English broadcast daily 2310-2315. (BBCM via FKAWR via Mike Barraclough, WDXC)
- R. Vilnius:** as of May 4th broadcasting in EG at 2300 UTC on 15580, 13645, + 11780 via transmitters from Russia. (WOR #642)
- R. Georgia:** was noted in EG at 2030 UTC on 11760. (RNMN, 4/30) Heard in EG on 11805 + 12050 at 0535 UTC. 12050 is getting heavy co-channel from R.Cairo AR broadcast. Also heard on new 11760 (ex 11790) at 2030 UTC. (BRT RadioWorld, 5/9)

## AFRICA

- Radiodiffusion Television Marocaine:** Morocco heard on 17595 at 1637 UTC in EG. (James C. Carr DXPL, 5/16)
- Radiodiffusion Nationale, Guinea:** heard broadcasting on 9650 Mhz at 0724 UTC with news and music. Also heard on 7125 at 0635 UTC in FR. (Marie Lamb, DXPL, 5/2)
- Voice Of Ethiopia:** picked up on 7110 at 0328 UTC parallel of 9706.4 was not heard. (Brian Alexander, DXPL, 5/9)
- Radio National Unity, Sudan:** found on 9535 at 1530 UTC broadcasting in AR/EG with news and music. (Mike Willis, DXPL, 5/2)
- R. Tanzania:** Dar Es Salaam was received on 6105 Mhz at 1530 UTC with the broadcast in Swahili, 9684 was in parallel. (Peter Bunn, Australia, DXPL, 5/2)
- NBC, Namibia:** Two frequencies in the 49 meter band are replacing frequencies in the 41 meter band listed in the 1992 WRTH.  
National Service in GM/AFR on 0600-1600 UTC 6175  
National Service in ethnic languages 0800-1600 UTC 6060 and from 1600-2000 UTC 3270 Mhz. (Andy Sennitt, RNMN, 5/14)
- Angola:** heard on 7100 from 2215-2316 s/off, and on 9700 from s/on at 0440-0500 UTC. (Brian Alexander, WOR #643)
- R. Nacional Angola:** received on 3376 with parallel 4950 from 0050-0154. (Brian Alexander, WOR #643)
- Benguela, Angola:** heard on 5041 and parallel 6154 from 0515-0600 UTC. (Brian Alexander, WOR #643)
- Lobito, Angola:** also heard from 0515-0600 UTC on 7151 Mhz. (Brian Alexander, WOR #643)
- R. RSA:** has added more EG broadcast times to Africa now at 0200-0400 on 7270, 0300-0500 on 5960, 0400-0600 on 9695, 0600-0700 on 15220, and 1600-1800 UTC on 9560 + 11585. (WOR #641)

(Following is a report on African Stations via Dario Monferini, via WOR #642)

**Mozambique:** 4th Service now being heard only on mw frequency of 1079.

**Nigeria:** two regional Shortwave stations open at 0430 UTC with EG Id's IBADAN is on 6050, and ENGU is on 6025.

**Zambia:** regional domestic Shortwave stations heard are *Radio One* on 4909.8 at 0350, and *Radio Two* on 6164.7 peak listening time 1800-1900.

## ASIA/OCEANIA

- Cyprus Broadcasting Corp:** found on 9770 at 2215 in Greek with s/on parallel were 7125, 6180. (James C. Carr, DXPL, 5/16)
- Kol Israel:** has replaced 15590 with 15585 from 2030-2200 UTC for FR, SP, and EG. (William Westenhaver, WOR #643)
- Kol Israel:** Programme Schedule for English Broadcasts
- Sunday:** 1000: You're On the Air (phone-in programme)  
1300, 2130: Israel Sound; Postmark (stamps)  
1900: Calling All Listeners; DX Corner
- Monday:** 1000, 1900: Israel Mosaic  
1300, 2130: Calling All Listeners; DX Corner  
1900: New From Israel (science and technology)
- Tuesday:** 1000, 1900: Talking Point  
1300, 2130: New From Israel; Israel Mosaic  
1900: Frequency Announcements
- Wednesday:** 1000, 1900: This Land (travel)  
1300, 2130: Talking Point; Frequency Announcements  
1900: Jewish News Review
- Thursday:** 1000, 1900: Studio Three  
1300, 2130: Jewish News Review; This Land  
1900: Postmark
- Friday:** 1000, 1900, 2130: Letter From Jerusalem, with Arie Haskel  
1000, 1900: Thank Goodness It's Friday  
2130: Israeli Press Review
- Saturday:** 1000, 1900, 2130: Spotlight (news magazine)

(via William Westenhaver)

- UAE, Abu Dhabi:** received on some new frequencies from 2200-0000 UTC on on NEW 17855 and 15305, 13605. (William Westenhaver, WOR #643)
- R. Kuwait:** is being heard from 1800-2100 UTC in EG on 13620 with lots of pop music. News at 2058 then s/off. (Brian Alexander, DXPL, 5/9)
- R. Iraq Int'l:** has made their shift to DST (Daylight Savings Time) so their broadcast to NA is one hour earlier now from 2215-0115 with EG around 0000 UTC on 17740, 15150, + 11945 Mhz. (WOR #640) **R. Iraq Int'l:** seems to have disappeared on 11945 but is still heard on 15150 from 2215-0115, also heard on 17740. Heard from 0100-0400 UTC on 15340 with EG news 0230-0245 have heard closing at 0347 UTC. Also heard 2000-2300 UTC to EUR. on 15210 but have heard at 1830 with EG news again at 1930 UTC. (WOR #642)
- Voice of the People of Kurdistan:** has added a new 10 kw outlet on 6160 with Kurdish/AR 1600-1830 UTC; parallel are 3930 + 7055 Mhz. (WOR #641)
- R. Afghanistan:** heard on Sat 4/25 on 1107 mw, NEW 7202.3, and 9635 all running the domestic service in Dari + Pashto (no EG) This was due to the forces of Mohamed Masod taking control of Kabul. The frequency of 7202.3 came in better than the former 7199 (via Victor Goonetilleke, RNMN, 4/30)
- Myawadi Broadcasting Station:** Myanmar heard regularly on 5973 kHz. Its signal strength is as strong as that of Radio Myanmar on 5990, so we assume the transmitter power may be the same (around 50 kw.) Heard from fade-in around 0900 to 1330 UTC and again from 1430-1530 UTC. This station is directed to Burmese (Myanmar) security forces. (via Victor Goonetilleke, RNMN, 4/23)
- R. Laos:** is now being heard via their relay in the CIS at 1100 UTC on the frequency of 15190. (DXPL, 4/25)

(Following is a report on "Clandestine Stations in Korea" from Tetsuya Kondo of the Asian Broadcasting Institute via "Media Network")

- Voice Of National Salvation:** broadcasting from N. Korea to S. Korea from 0300- 0700, 1000-1700, + 2000-0100 UTC on 3480, 4400, 4450, 4557, + 1053 mw. From 1000- 1700 UTC on 4120, and from 1000-1400 UTC on 6010.
- Voice of the People:** in S. Korea broadcasting to N. Korea 0300-0430, 0600-0730, 0830-1000, + 2300-0030 UTC on 6600. From 1400-1530, 1630-1700, + 2000-2130 on 3912 Mhz.
- R. Echo of Hope:** also in S. Korea broadcasting from 0300-0700, 0800-1200 and 2300-0100 on 6348. On from 1300-1700 + 2000-2100 on 3985 Mhz.

- R. Japan:** had a change as of May 3rd to N. America at 0300 and 0500 UTC via direct broadcast on 15230 (ex 11870). (WOR #642)
- ABC, Australia:** heard on 2310 Mhz at 1220 UTC with fair signal, parallel was 2325 Mhz. (Ed Newbury, DXPL, 4/25)
- R. Australia:** has started using 17565 from 1430-1800 UTC giving very excellent reception into Sri Lanka! (Victor Goonetilleke, RNMN, 4/30)
- NBC, Papua New Guinea:** noted on 4890 at 1255 UTC in EG with country music and some pop music. (Ed Newbury, DXPL, 4/25)
- R. G'day:** Papua New Guinea, on 11400 Mhz heard around 0600 UTC in EG. (Arthur Cushen, RNMN, 5/14) Address given is P. O. Box 3474, Boroko, PNG. (Geoff Cozier, WDXC)
- R. New Zealand Int'l:** will change to a new frequency as of May 3rd for their 1850-2130 EG broadcast time slot. The new frequency is 11735; this replaces 15120 till October, 1992. (Direct)
- R. Tahiti:** heard on 15171 Mhz at 0400 UTC with excellent signals in Tahitian with music, also audible on 11827 (w/20 kw transmitter) in FR from 0830 UTC. (David Williams, DXPL, 4/25)
- KTWR, Guam:** was picked up in Rochester, NY at 1615 UTC on 11650 Mhz in EG with a Rlg program. (Jim Clark, DXPL, 5/2)
- KHBI, Guam:** Now using out-of-band 13840 1800-0000. (WOR via Barraclough, WDXC)
- R. Kiribati:** reported on 15917.7 at 0559 UTC s/on with Id in EG, KIR, then BBC news relay. Signals were very good in WA with excellent audio. (Guy Atkins, DXPL, 5/9)
- SIBC, Solomon Islands:** heard at 11223 UTC with music, Id in EG at 1128, then s/off at 1129 UTC. (James C. Carr, DXPL, 5/16)

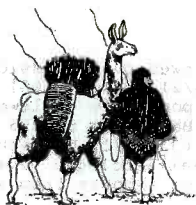
RADIO FREE EUROPE/RADIO LIBERTY - MAXOQUEIRA, PORTUGAL

03/29/92 to 09/27/92

FREQ	UTC	LANGUAGE	PWR	AZIMUTH	Days
=====	=====	=====	===	=====	=====
7145	0300-0459	Belorussian	500	46.0	1-7
7190	0400-0559	Polish	500	46.0	1-7
7220	0100-0359	Russian	500	46.0	1-7
7255	2100-0259	Russian	500	46.0	1-7
9505	1700-2159	Romanian	500	63.0	1-7
9595	0300-0459	Belorussian	500	46.0	1-7
9695	1700-2159	Hungarian	500	58.0	1-7
9705	1800-1859	Latvian	500	46.0	1-7
9705	1900-2059	Hungarian	500	56.0	1-7
9705	2100-2200	Estonian	500	46.0	1-7
9725	0200-0359	Uzbek	500	59.5	1-7
9725	0400-0600	Romanian	500	63.0	1-6
9725	0500-0600	Romanian	500	63.0	7
11725	1700-2200	Romanian	500	63.0	1-7
11805	0130-0200	Kirghiz	500	56.0	1-7
11805	0200-0230	Tajik	500	56.0	1-7
11805	0230-0259	Kirghiz	500	56.0	1-7
11815	0230-0245	Pashto	500	63.0	1-7
11815	0245-0300	Dari	500	63.0	1-7
11815	0300-0315	Pashto	500	63.0	1-7
11815	0315-0330	Dari	500	63.0	1-7
11815	0400-0600	Romanian	500	63.0	1-6
11815	0500-0600	Romanian	500	63.0	7
11885	0000-0259	Russian	500	52.0	1-7
11895	0300-0359	Tater-Bashkir	500	58.0	1-7
11895	0400-0559	Tater-Bashkir	500	46.0	1-7
11970	1700-1800	Belorussian	500	46.0	1-7
11970	1800-1859	Latvian	500	46.0	1-7
11970	1900-2059	Ukrainian	500	56.0	1-7
11970	2100-2200	Estonian	500	46.0	1-7
15370	1700-1759	Uzbek	500	63.0	1-7
15380	1700-1959	Russian	500	58.0	1-7

(from the VOABBS 202-619-1494)





# Western Hemisphere

Don Thornton  
12 Freeman Road  
Somerset, NJ 08873

## ALASKA

- 9660 1300 **KNLS:** EE: "Chariots of Fire" IS; ID by M; ad for Alaskan Tourism (222 4/17 Ciehorek-NJ)  
11820 0955 **KNLS:** RR: Big band jazz version of "Stormy Weather"; @ 0957 s/off annt w/ID & address (242 4/26 Westenhaber-PQ)

## ANTIGUA

- 9560 2315 **BBC:** EE: "English by Radio" prog (444 4/15 Findlater-CA)  
9640 0531 **BBC:** EE: News inc 16 are killed when a section of a soccer stadium collapses in Corsica (433 5/6 Brown-IL)  
15205 1058 **DW:** SS: ID w/site @ 1059--new one w/different M saying "This is DW, Caribbean relay station An-TEE-ga"---no more 'An-tig-you-uh' (454 4/27 Westenhaber-PQ)  
17840 1403 **BBC:** EE: Prog featuring New Zealand inc talks abt the Maoris; Talks abt how to shear sheep (454 4/20 Lukas-NY)

## ANTILLES

- 6165 0343 **RN:** EE: "Newslines" w/a report on the Phillipines; into "Media Network" (433 4/23 Brown-IL)  
9590 0500 **RN:** SS: Anncr in SS hosting a prog of upbeat Lat Am music; 0525\* (4/13 Findlater-CA)  
9630 0750 **RN:** EE: "Newslines"; (using a new theme song, replacing "Tangerine's Dream") into "Media Network" w/a review of the HF-150 portable receiver made in the UK (322 4/9 Park-HI)  
9715 0825 **RN:** EE: M anncr hosting prog of world & Netherlands news; ment of reception reports from British Columbia & Queensland (433 4/19 Park-HI)  
11885 0830 **TWR:** PP: Religious feature w/topic "Christ is the best weapon in the struggle against Satan (333 4/8 Meinhardt-IL)  
11895 1005 **RN:** EE: "Happy Station" prog w/host Tom Meyer featuring an Easter Egg Hunt (322 4/19 Park--HI)  
11930 0330 **TWR:** EE: "Bonaire Wavelengths" answering letter from Mark Humenyk (444 4/19 Westenhaber-PQ)  
21515 1848 **RN:** EE: "Sounds Interesting" w/feature on Dutch emigration to New Zealand in the 1950s. Jonathan Marks was hosting- is he doing everything these days? (444 4/11 Westenhaber PQ)  
21590 1830 **RN:** EE: A review of the Dutch press inc a report on Dutch highway laws; into news (444 4/16 Brown-IL)

## ARGENTINA

- 6060 0840 **Radio Nacional:** SS: Mix of Lat Am music; talks & ads; IDs (343 4/14 D'Angelo-PA)

## BOLIVIA

- 4600 0135 **R. Perla del Acre:** SS: Local vocal music w/occasional chatter by M between selections; IDs ments of Cobija; freqy anmts (252 4/4 D'Angelo-PA) (Thornton-NJ)  
4965 2350 **R. Juan XXIII:** SS: M & W alternate reading news item w/short bridges of flute music between items; ID (222 4/29 Thornton NJ)  
5004.7 0143 **R. Libertad:** SS: Prog of Lat Am music; anmts by M & W (242 5/4 Thornton-NJ)  
6135 0903 **R. Santa Cruz:** SS: ID @ talks by M followed by Latin vocal music (353 4/4 D'Angelo-PA)

## BRAZIL

- 4755 0217 **R. Educacão Rural :** PP: M w/talks; into Lat Am music (433 4/9 Bishop-NY)  
4775 2322 **R. Congonhas:** PP: Heard ID as "Radio de Congonhas" (433 4/7 Bishop-NY)  
4775 2337 **R. Portal da Amazônia:** PP: Nice mix of vocal music; talks by 2 M anncrs; freq ments of Amazônia (353 4/4 D'Angelo PA)  
4795 0007 **R. Nova Difusora:** PP: Vocal music w/loooong talk segments by M anncr inc IDs (252 4/5 D'Angelo-PA)  
4805 2336 **R. Dif. do Amazonas:** PP: M talking about Nacional and other items (433 4/8 Bishop-NY)  
4935 0100 **R. Capixaba:** PP: ID; into prog of music (323 4/21 Babin MA)

6090 0807 R. Bandeirantes: PP: Nice pop music followed by discussion by 2 fun loving annncrs @ 0815; ID (353 4/21. D'Angelo-PII)  
 9674.9 2140 R. Cancão Nova: PP: M annncr in PP w/ID; pop music followed by possible ads for Coca Cola (422 4/22 Babin-MA) @ 2356 in PP w/M & W in chat w/heavy Brasoreverb; ID (333 4/11. Westenhaver)  
 11780 2302 R. Nacional da Amazônia: PP: "Nacional--ecología amanhã"--prog of short reports; into M annncr taking reports from all over Brazil (433 4/15 Westenhaver-PQ)  
 17730 0159 SRI: EE: News that the Colombian gov't breaks off talks w/the rebels (222 5/2 Brown-IL)  
 17815 0116 R. Cultura: PP: Musical selections from a female vocalist (333 4/15 Levison-PII) @ 2355 in PP w/local pop vocal music by W (333 4/3 Babin-MA)

CANADA

5960 0104 R. Japan: EE: M hosts prog of world news inc item abt Iran raiding bases of dissidents in Iraq (545 4/7 Bellovich-FL)  
 5960 0007 RCI: EE: "As it Happens" w/a report on the Canadian political scene; NHL scores (444 4/27 Brown-IL)  
 6005 2045 CFXC: EE: Live baseball broadcast of game between Montreal Expos at Pittsburgh Pirates (454 4/9 Fraser-MII) @ 2012 in EE w/C&W music--annncr stated 'no baseball today, a day off for the Expos' (433 4/7 Bishop-NY)  
 6015 0530 RAI: EE: ID; news inc guerillas say that are holding back from an all out attack in Afghanistan (555 4/19 Brown-IL)  
 6030 0730 CFVP: EE: Top 40 music hosted by M annncr (222 4/27 Fanderys-OH) (Mike tells me he logged this rarely reported 100 watt stat using a Sangean ATS-803A with a 10 meter indoor wire antenna. The only realistic chance anyone outside of southern Alberta has of hearing this one is on local Sunday night/Monday morn-ing as R. Martí does not broadcast then & they will overwhelm this signal during all other evenings--ed)  
 6070 0100 CFRB: EE: M annncr reads news and many ads for Toronto companies (333 4/11 Findlater-CA) @ 2022 in EE w/an ad from a local business about how to cook chicken (433 4/7 Bishop-NY)  
 6085 0341 DW: EE: Larry Wayne w/a description of Germany & it's cars (433 4/12 Brown-IL)  
 6130 2025 CHNX: EE: Ad for a Credit Union ad about a trip to Florida; weather report for Nova Scotia; local ID for FM outlet (433 4/7 Bishop-NY)  
 6145 1116 R. Korea: KK: M & W doing world news. Yes, the RCI sked lists 6140 but R. Korea demanded the QSY just before the sked went into effect, after it was printed up (444 4/6 Westenhaver PQ)  
 6160 0005 CKZN: EE: CBC news items (444 4/24 Levison-PII) @ 2110 in EE sports news inc the NHL; weather report for Labrador & Newfoundland (433 4/5 Bishop-NY)  
 6160 1120 CKZU: EE: M annncr hosting a prog of classical music--barely audible but //690 medium wave CBU, whose programs this short-wave outlet relays. Yesss! (121 5/5 Park-HI) (Not too shabby, I'll agree!--ed)  
 9515 1515 BBC: EE: "Concert Hall" w/Mendelsohn's "Roue Blas" & Shuman's 4th Symphony (554 4/19 Fraser-MA)  
 9625 0300 CBCNQ5: EE: ID; CBC news inc a report on the situation in Kenya (333 4/24 Brown-IL)  
 9755 2342 RCI: EE: "As it Happens" w/a discussion of the violence in the streets of Toronto; a report of the shooting of Raymond Lawrence (444 5/5 Brown-IL)  
 11730 2300 RCI: EE: "Innovation Canada" w/talks abt nuclear waste disposal (554 4/19 Fraser-MA)  
 11840 0408 R.Beijing: EE: News inc the US offers to destroy Russian nuclear weapons; news about China inc promise of better corporate laws (444 4/14 Brown-IL)  
 13670 1822 RCI: EE: "Inside Track" prog w/a report on hockey player Brett Hull (333 4/24 Brown-IL)

CHILE

6029.7 0029 R. Santa Maria: SS: Local TC for 8:30 pm; Lat Am ballad vocal music; killed by VOA open carrier @ 0044 (232 5/11 ed)

COLOMBIA

6035.1 0020 LV del Guaviare: SS: Local pop music, then ID in SS (323 4/4 Babin-MII) @ 2350 in SS w/2 M w/talks abt Colombia into prog sked for the evening; TC & ID @ 0003 (433 4/30 Thornton)  
 6065 0010 Super-Bogotá: SS: Solid "Radio Super" ID w/S-9 signal barreling in (433 4/4 Babin-MA)

6150 0630 Caracol-Méiva: SS: Discussin of the situation of black people in Colombia (333 4/22 Meinhardt-IL)  
 11822 2300 R. Nacional: SS: "Maestro P. Banda" a prog of good band music (444 4/23 Robinson-TN)

COSTA RICA

7375 0205 RFPI: EE: "Second Opinion" prog about the death of Marxism (433 4/2 Gaharan-LA)  
 13630u 0625 RFPI: EE: Feature on the Asian Buddhist Conference for Peace (343 4/7 Johnson-IL)  
 15030 1132 RFPI: EE: Tail end of "World of Radio" #635 (almost three weeks late) @ 0635 ID & into "Steppin' Out of Babylon" (242 4/8 Westenhaver-PQ) @ 2250 in EE w/"Second Opinion" about the economic future of the USA; ID (222 4/3 Brewer-KS)  
 21645 0200 RFPI: EE: Religious talks; into 2 M w/dialog on allocations of money in US budget & a political pitch for some organization called Campaign for New Priorities--had an 800 number for contributions (333 4/25 Findlater-CA)

CUBA

9505 1110 RHC: SS: News inc march of Amazonian Indians to Quito to demand constitutional reforms (444 4/9 Meinhardt-IL)  
 9600 1047 R. Moscow: EE: Prog of pop music in EE inc "We Are the World"; no more "Vasily's Weekend" on this station (444 4/11 Westenhaver-PQ)  
 9620 2230 RHC: SS: IDs; invitation to 'write to us at RHC'; vocal music (555 4/23 Robinson-TN)  
 11760 0740 RHC: SS: Interview w/Dr. Ruth Aspok Scholar interested in José Martí (444 4/10 Meinhardt-IL)  
 11970 0045 RHC: EE: "Close Up" prog about Mexico's Cuban Solidariéy Campaign (554 4/11 Fraser-MA)  
 13700 0350 RHC: EE: Prog of Cuban jazz music (444 4/10 Bagozzi-CA)  
 15330nf 2036 RHC: EE: "DXers Unlimited" prog w/hos: Arnie Coró talking about propagation (322 4/21 Westenhaver-PQ)  
 17770 1932 RHC: SS: "Revista para el Mediterraneo" w/Cuban news, sports & music--annnc 1800-2000 sked for this freqy (343 4/20 Westenhaver-PQ)

ECUADOR

3220 0142 HCJB: Quechua: M talks in pres Quechua (211 4/9 Bishop-NY)  
 3295 0910 R. Río Targui: SS: Lat Am vocal music; ad strings; ID as "Radio La Voz del Río Targui" (343 4/27 D'Angelo-PA)  
 3394.8 0156 R. Zaracay(t): SS: Bits of Lat Am music; no ID heard (211 4/9 Bishop-NY)  
 4680 0211 R. Nacional Espejo: SS: A radio play w/dialog between M & W (433 4/9 Bishop-NY)  
 4870 0350 R. Centinela del Sur: SS: Lat Am vocal music & annmts by M Long ID & s/off routine @ 0402 (454 4/4 D'Angelo-PA)  
 4920 1030 R. Quito: SS: "Amanecer Campesino" prog; ID as "La Voz de la Capital" (545 4/24 Robinson-TN) @ 0220 in SS w/local pop music; solid ID heard (333 4/21 Babin-MA)  
 9745 0130 HCJB: EE: Feature about the relationship between physical and mental health (444 4/7 Gaharan-LA)  
 9765 1124 HCJB: SS: "Musically Yours" w/flamenco guitar music and pop vocals (444 4/11 Meinhardt-IL)  
 11845 0800 HCJB: PP: S/on w/a religious program; music by O Salvador Batendo (343 4/14 Meinhardt-IL)  
 11960 0530 HCJB: EE: ID; M w/religious talks & invitation to send correspondence to address in Melbourne, Australia (222 4/12 Findlater-CA)  
 15155 0037 HCJB: EE: World news inc political upheaval in Peru followed by an in-depth prog on the situation there (545 4/8 Bellovich-FJ) @ 0108 in EE w/"Saludos Amigos" inc a letter from a new SWLer from Indiana commenting on the 'Cracker Barrel' feature (433 4/10 Bishop-NY)  
 15270 0739 HCJB: EE: "DX Partyline" inc tips from Arthur Cushen (343 4/18 Westenhaver-PQ)  
 17790 1930 HCJB: EE: "Musica del Ecuador" prog inc "El Condor Pasa" & "Just for You" (333 4/17 Brown-LL)  
 21455u 1630 HCJB: EE: ID; into Mark Irwin's "Studio 9" then into news inc Tories win the UK election (444 4/10 Brewer-KS) @ 1734 in EE w/talks about Easter traditions in Germany (333 4/18 Cichorék-NJ) @ 1916 in EE w/"DX Partyline" w/Randy Minnehan's review of the Sangean ATS-818CS from the SPEDX Bulletin (343 4/11 Westenhaver-PQ)

"DX Partyline" host Rich McVicar passes along news of stations in Ecuador: telephone calls to stations which replied to Rich that they do not plan to return to shortwave include LV del Triunfo 3255 kHz; R. Pastaza 3315 kHz; R. Iris 3381 kHz; R. Paz y Bien 4820 kHz. Stations temporarily inactive include Ondas Quevedas 3325 kHz--a burned out transmitter which their engineer is working hard at fixing & R. Sistema de Emisoras Atalaya 4760 kHz which is hopeful of being back on the air in June. Stations not heard recently in Quito include R. Antena Libre 3240 kHz. Stations logged in Quito by Rich not otherwise reported in the column this month include Ecos del Oriente 3270 kHz; R. Centro 3290 kHz; LV de los Caras 4795 kHz; R. Popular Independiente 4840 kHz; Centinelada del Sur 4890 kHz although they sometimes use 4870 kHz to avoid QRM de R. Chota, Peru. LV del Saquisilí/Libertador; 4900 kHz; R. Federacio Shuar 4961 kHz; Escuelas Radiofonicas Populares 5010 kHz; LV del Upano on 5020 as well as 5040, 5965 & 6000 kHz; R. Católica Nacional 5030 kHz; Emisora Jesús del Gran Poder 5050 kHz R. Progreso Nacional 5062 kHz. Thanks, Rich.

FRENCH GUIANA

11680 0700 RFI: FF: M reading news into prog of pop music (444 4/11 Findlater-CA)  
 15200 0000 RFI: PP: M anncr reads news and hosts a prog of pop music (333 4/12 Findlater-CA)  
 15325 0305 R. Japan: EE: News read by YL; ID; news about cease fire in Monrovia, Liberia (555 4/19 Humenyk-ON)  
 21765 1220 RFI: FF: Interview w/US professor about status of blacks in Los Angeles in the wake of the Rodney King verdict (343 4/30 Westenhaver-PQ)

GUATEMALA

3300 0149 R. Cultural: SS: Christian praise music (322 4/9 Bishop NY)  
 3380 0215 R. Chortis: SS: M anncr hosts call-in prog of pop music; ID (232 4/21 Babin-MA)  
 4834.7 0215 R. Tezulutlán: SS: M & W w/talks into Guatemalan music (322 4/21 Bishop-NY)

MEXICO

6185 0815 R. Educación: SS: Prog of classical music as Jean Pierre Rampat plays the flute (444 4/3 Meinhardt-IL)

PARAGUAY

9735 0855 R. Nacional del Paraguay: Guaraní: Songs every five minutes or so; ID & TC in SS but otherwise everything else in Guaraní (343 5/2 Westenhaver-PQ)

PERU

3340 1030 R. Altura: SS: Huaynos & vocal music; ments of Altura (444 4/9 Robinson-TN)  
 4419 0302 R. Frecuencia Líder: SS: W singing middle-of -road Lat Am vocal music (322 5/10 Thornton-NJ)  
 4485 0246 LV del Celendín: SS: Highland vocal music with accompaniment of mainly stringed instruments (222 5/10 Thornton NJ)  
 4976 1030 R. del Pacifico: SS: Religious prog hosted by a Padre; into commercials & music (444 4/24 Robinson-TN)  
 6015 0316 R. Unión: SS: Nice mix of huanos and long chatty talk by M anncr; canned ID @ 0829 (353 4/21 D'Angelo-PA)  
 6803 1011 R. Ondas del Mayo: SS: Morning prog hosted by M w/many IDs; ments of Nuevo Cajamarca; into nice selection of huaynos (353 4/26 D'Angelo-PA)

PIRATES, CLANDESTINES & UNIDS

6305 0955 LV del CID: SS: News report about a nuclear reactor in Curagua, Cuba (343 4/9 Meinhardt-IL)  
 7413 0205 CSIC: EE: Rock music, ID (222 4/26 Fisher-MA)  
 7414.8 0112 Voice of the Night: EE: Broadcast of live Pres Bush speech on LA riots interspaced with rock music; sounded very amateurish; 0130\* (333 5/2 Bellovich-FL)  
 7415 0316 WSKY Radio(t): EE: Song dedications by M DJ; funny ads (253 4/19 Humenyk-ON)  
 7415.2 0102 Rock & Roll Radio: EE: M reported station name; into music; 0107\*--short n' sweet? (333 5/3 Bellovich-FL)  
 7414.7 0220 Unid: EE: Top 10 music which you could hear on any local legitimate station. Why do pirates take such a high risk to play such drivel? (232 4/12 Bellovich-FL) (Fifteen men on a dead man's chest, yo-ho-ho and a bottle of rum!-seriously, I can't imagine why anyone would take such a huge risk--ed)!



- 7415.7 0014 He-Man Radio: EE: ID w/song "Come on Down to My Boat Baby" (723 4/6 Bellovich-FL)
- 15045 0105 R. Patria Libre: SS: Vocals noted to ID & s/off routine by M & W; ended w/march type of anthem (252 4/5 D'Angelo-PA)
- 15050 0048 R. Patria Libre: SS: Colombian left-wing station played the "International" @ 0058. Station has \*0030 & plays lots of folk music as well as announcing left-wing political slogans (433 4/26 Bellovich-FL)

SURINAM

- 5006 0405 R. Apinte: Hindi: Top 40 selections continuous until ID @ 0428 (252 4/5 D'Angelo-PA) (If you think I'm jealous, well, I am!---ed)

UNITED STATES OF AMERICA

- 5920nf 1006 WWCR: EE: Dr. Gene Scott rambling on about Atlantis, Lucifer & the Book of Isaiah (444 5/21 Westenhaver-PQ)
- 5950 0200 VOFC: EE: ID & NA; Republic of China President addresses Parliament in Taipei (555 4/7 Bellovich-FL)
- 8030 0730 R. Martí: SS: Interview w/Ramon Puig, King of the Guayabera- which is a fancy Caribbean shirt (444 4/4 Meinhardt-IL)
- 6130 0011 VOA: EE: "Report to the Caribbean" w/St Lucia election re- sults; news from Haiti --//9455, but not //5995 & 7405 which had other EE programming (232 4/29 Westenhaver-PQ)
- 7315 0510 WHRI: EE: "Croatian Radio" prog inc detailed report from Medjugorje village in Bosnia-Herzegovina, which was visited by thousands of pilgrims before the war (444 4/15 Brewer KS)
- 7435 0205 WWCR: EE: "Radio Free America" prog w/a feature on "Taking on the IRS" (444 4/8 Bagozzi-CA)
- 7490 2330 WJCR: EE: Gospel music sung by a gospel music group (555 4/10 Humenyk-ON)
- 9465 1341 WHRI: EE: Music sung by a M "The Road Leads to Heaven;" more music (544 4/22 Bishop-NY)
- 9465 2222 WSHB: EE: Report about Cocoa Leaf plant in Bolivia (555 4/17 Humenyk-ON)
- 9495 1250 WSHB: EE: "Monitor Radio" w/reports on the Rodney King matter; ad for Jeep Grand Cherokee; site ID (455 4/1 Westenhaver PQ)
- 9525 0030 R. Martí: SS: M w/ID; news about Cuba (444 4/23 Langlois FL)
- 15115 0307 VOA: EE: News inc voting ends in Mali; into "Daybreak Africa" (733 4/12 Brown-IL)

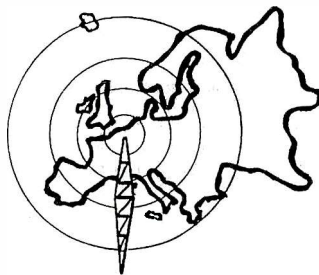
VENEZUELA

- 4830 0300 R. Táchira: SS: Anncr hosting a prog of lively Latino music (733 4/12 Findlater-CA) @ 0203 w/Lat Am pop music; canned ID by M into more music by W (433 4/21 Bishop-NY)
- 4940 0330 R. Continental: SS: M anncr hosts a prog of lively vocal music (722 4/13 Findlater-CA)
- 4980 0925 Ecos del Torbes: SS: Pop music; lottery results (333 4/1 Meinhardt-IL)
- 9540 1058 R. Nacional: SS: IS w/ID annts; into prog "Informativo" host- ed by M & W (242 4/6 Westenhaver-PQ)

FILL THAT GAP! SPEEDXer Daniel Camporini, DXing from his QTH in Argentina logged the following stations during the month of March which he reported in his publication Radio Panarama: From URUGUAY, LV de Artigas on 6075 kHz @ 2120, R. Monte Carlo 6140 kHz @ 1020, R. El Espectador 11836 kHz @ 1110. From BOLIVIA, R. Eco 4409 kHz @ 2350, LV del Trópico 4435kHz @ 0008 R. Villamontes 4599 kHz @ 0950, R. Santa Ana 4648 kHz @ 2300, R. Libertad 4810 kHz; @ 0915, R. Centenario 4855 kHz @ 0926, R. Cruz del Sur 4875 kHz @ 0948, R. María Auxiliadora 4975 kHz @ 0945--a reactivation, from Peru R. Andahuaylas 4839 kHz @ 2210, R. San Miguel 4966 kHz @ 0940, R. Cusco 6191 kHz @ 0950, R. LV de Huamanga 6200 kHz @ 0935, R. Tacna 9505 kHz @ 1133, a reactivation. Thanks, Daniel!... please try to send in only your current loggings; for example for the July bulletin, which has a CDE deadline of June 5th and a direct deadline of June 12, I can't really use any loggings from before May 1, unless you are sending your loggings from someplace in the world where postal delays make this impractical... I hope you had your radio turned on during the weekend of May 9. Program listeners were disappointed as the "X" class solar flare, solar cap absorption event and proton event made normal SWling almost impossible, but there was some outstanding DX received from South America, especially on the tropical bands. If you like this type of radio monitoring, I guess you'll agree that "stormy weather" isn't so bad after all! For the latest in DX news, remember to listen to your favorite DX programs regularly...until next month, remember to have fun with your radio!

73s and good DX *hlm*

# EUROPE



BOB COLYARD  
84 HARRISON AVE  
BRICK, NJ 08724

Greetings! What a crazy world this is! While doing this column, I'm also trying to deal with the fact that the union I belong to may be going on strike. It could be a big one! But, the major thing to me is the (nine year olds) girls soccer team I coach. They have a chance at winning their division, and a few local tournaments. All this in the next few weeks. And to top it off I... excuse me one moment, "Meridian" is on and I don't want to miss it. 73 *Bob*

## ALBANIA

### Radio Tirana

- 9580 0339 RT: EE: "A Day with Factory Workers in Tirana". Quite a saga of work stoppages, underemployment, material shortages!  
(343 4/21 Westenhaver-PQ)
- 11825 0256 RT: EE: Commentary & "Radio Tirana" ID (444 4/18 Humenyk-ON)

## AUSTRIA

### Radio Austria Int'l

- 9875 0133 ORF: EE: Program notes & news on Yugoslavia (433 4/23 Brown-IL) //13730; News, gas prices rise to 20 goshen/liter, Wow! (555 4/11 Bellovich-FL)
- 0145 ORF: EE: "Mailbag" show w/new host, Nigel Jones, a slightly bluff Brit. (444 4/20 Westenhaver-PQ)
- 13730 0130 ORF: EE: "Report from Austria" opening w/news (433 4/21 Bishop) Austrian Prime Minister on crisis in Bosnia (444 4/10 Gaharan) Report on "Red Cross", ID & end @0154\* (444 4/22 Brown-IL)
- 0335 ORF: EE: "Report from Austria" on farming economic concerns in Austria (544 4/24 Kyburz-Co)
- 1355 ORF: ??: Waltz music (S-1 4/7 Lish-FL)
- 2030 ORF: SS: News on meeting by OPEC (222 4/24 Rontanini-FL)
- 15275 0400 Radio Canada Int'l: EE: IS, ID & news (222 4/15 Findlater-CA)
- 21490 1535 ORF: GG: Piano music & commentary, co-ch QRM (444 4/11 Humenyk)

## BELGIUM

### Belgische Radio en Televisie

- 9930 2330 BRT: EE: "Brussels Calling", nx & press review (444 4/21 Brown)
- 13655 2344 BRT: EE: to SAM; "North-South" on getting food aid to drought stricken southern Africa, (RCI-13670 w/"As it Happens" talking about same thing, at the same time), Psychic! (242 4/23 WW-PQ)
- 17555nf 1318 BRT: EE: "Tourism" on famous carillon in Flanders. QRM de UNID/UTE-17550 & DW-17560 in CC. (333 4/6 Westenhaver-PQ) Here in BT, New Jersey 17555 is better than 21810 at this time. BC
- 21460 1048 RTBF: FF: Non-stop IS to 1059; anmt & news @1100; splash de VOA -21455 to 1100, then splatter de HCJB-21455 (311 4/12 WW-PQ)
- 1526 RTBF: FF: YL DJ w/instrumental & English pop (444 4/11 Humenyk)
- 21810 1318 BRT: EE: "Radio World" w/address for Radio Miami and that Sony is offering exchanges on the SW-77 (322 4/25 Cichorek-NJ)

## BULGARIA

### Radio Sofia

- 11680 0008 RS: EE: Report on Gorbchev's visit to the US & a commentary on gypsies (333 6/5 Brown-IL)
- 11720 0112 RS: Bulgarian: Jazz mx to 0115, then ID and into "DX Programma" w/CW(dit dahs) intro, & talk about UHF (343 4/20 Westenhaver)
- 2204 RS: EE: Program of Bulgarian folk music & dedications, woman host going gaga over spring in Sofia (343 4/5 Westenhaver-PQ)
- 2315 RS: EE: Report on the 1971 election of the patriarch of the Bulgarian Orthodox church (443 4/9 Fraser-MA)
- 15160 1932 RS: FF: Talk on Bulgaria fighting Int'l drug trafficking; weak, fading in & out w/co-ch QRM (222 5/1 Westenhaver-PQ)
- 15370 2316 RS: EE: Report on popularity of folk medicines in Bulgaria; splash de TWR Bonaire-15375 in PP (333 4/23 Westenhaver-PQ)
- 2350 RS: EE: Comments on "Easter" & explaining the coloring of eggs (444 4/28 Levison-PA)
- 17825 2203 RS: EE: Man w/news: declining birth rate worries the Bulgarian government; ID @2207 by woman (444 4/14 Brewer-KS)
- 22 2325 RS: EE: Woman playing & commenting on folk/vocal music; co-ch station (under) sounding like Moscow (434 4/16 Levison-PA)
- Rats! My team just went the way of "Sampdoria". Well, always next year. BC

**RADIO SOFIA** English schedule from 05/05/92

(via RSB)

UTC	kHz						
0000 - 0045	11660	11720	15330				
0300 - 0430	9850	11720	15160				
1100 - 1230	11630						
1730 - 1900	9700	11720	11765	15330	17780	17825	
1945 - 2030	11765	11780	17825				
2145 - 2315	11660	11720	15330				

**CROATIA**

Croatian Radio Zagreb

21480 1203 CR: EE/Croatian: Two men w/English news; @1208 anmt "studio"; virtually non-stop classical music (same as on WHRI); "Hrvatski Radio Studio Zagreb"; news to past 1310 (232 4/19 Westenhaver-PQ) Bill also mentions that this may only be on Sat & Sun. Site is unknown. It's interesting the theme music is the same as on the relay from WHRI, which is normally different than the 9830 relay. BC

**CZECHOSLOVAKIA**

Radio Czechoslovakia

5960 0400 RC: EE: News about Czechoslovakia (333 4/29 Brown-IL)  
 7345 0102 RC: EE: News and into "Encore" mx program (444 4/13 Bellovich)  
 0305 RC: EE: News & comment on Czech President's visit to Bulgaria. (343 4/8 Bagozzi-CA)  
 Czechoslovakia & Russia sign treaty (343 4/3 Gaharan-LA)  
 0408 RC: EE: Libor Kubik at the "DX microphone" w/the program "DX Special". (433 4/12 Hart-MN) (454 3/22 Humenyk-ON)  
 9505 0620 Inter-Program: FF/EE: "Interprogramme, R. Tchecoslovaquie" ID, news & music to 0638: then EE ID and news (343 4/18 WW-PQ)  
 9540ex 0120 RC: EE: Talk of US theater company in Prague (433 4/7 Gaharan)  
 0400 RC: EE: //7345; Woman w/news (222 4/14 Findlater-CA)  
 9580nf 0016 RC: EE: "Check-Out Czech", new Czech by radio program w/conver-sational Czech. A bit too fast for my brain. (333 5/17 BC-NJ)  
 9810nf 0300 RC: EE: //11990, 7345; Libor Kubik w/new ID & news: comments by Havel on LA; then "Scrapbook" (I miss Nico's "Up All Night"). 7345 was best! (242 5/4 Westenhaver-PQ) I personally like the new 31 meter freqs, both are better here (NJ) than 9540 was. BC  
 11990 0003 RC: EE: News on Armenia/Azerbaijan conflict (343 3/26 Johnson-IL)

**RADIO CZECHOSLOVAKIA** in English

(Tnx WW-PQ)

time/utc	kHz		Beamed to
0730-0800	17725, 21705		Pacific
0600-0630	11990, 9505, 7345, 6055		Europe
1030-1057	11990, 9505, 7345, 6055		Europe
1700-1725	9605, 7345, 6055, 5950		Europe
1830-1857	7345, 6055		Europe
2000-2027	9605, 7345, 6055, 5930		Europe
2100-2130	9605, 7345, 6055, 5930		Europe
0000-0027	11990, 9580, 7345, 5930		N. America
0100-0130	9580, 7345, 5930		N. America
0300-0330	11990, 9810, 7345		N. America
0400-0430	15355, 13715, 11990, 9810, 7345		N. America

**FINLAND**

Radio Finland

9560 0645 RF: EE: ID & Anmt, This Freq for Europe; "Northern Report" with Cheryl Riggins (242 4/18 Westenhaver-PQ)  
 11755 0129 RF: EE: IS, ID & "Northern Report"; the economy continues to sputter & talks w/farmers are deadlocked (422 4/20 Brown-IL)  
 15185 0100 RF: EE: "Northern Report" w/business news (333 4/5 Findlater)  
 15400 1143 RF: EE: Eddie Hawkins & Patrick Humphries in very intelligent discussion on current Finnish Economic malaise (444 4/6 WW-PQ)  
 17880nf 1230 RF: EE: Opening w/freq anmt & "Northern Report"; splatter de HCJB-17890 (222 4/6 Westenhaver-PQ)

**FRANCE**

Radio France Int'l

5945 0158 RFI: FF: Announced freqs to NAm (9715, 9790, 9800, 11670); time pips/check for Paris & Hong Kong (he got one of those watches) (243 4/26 Westenhaver-PQ)  
 15365nf 1240 RFI: EE: "Club 9516" answer to "Newsquiz" was Rodney King (no surprise); very tough copy (242 5/3 Westenhaver-PQ)  
 17695nf 1440 RFI: EE: //17650, 11910; "Focus on France"; I think 17695 has replaced 21770 since SRI uses that freq now. (333 5/16 BC-NJ)  
 21635 1241 RFI: EE: "Club 9516", SPEEDXer Patrick Leader was a winner in the "Newsquiz" (343 4/5 Westenhaver-PQ) Site? Don't know! BC  
 21645 1244 RFI: EE: Discussion of the French "Green Party", and opening of new controversial Disney park (444 4/17 Cichorek-NJ)  
 1315 RFI: EE: News on explosions in Guadalajara (343 4/25 Meinhardt)

**GERMANY**Deutsche Welle      Voice of America (Wertachtal)

6085 0105 DW: EE: NX, opera mx & listener's letters (s-8 2/23 Lish-FL)  
 9700 0325 DW: EE: "European Journal", commentary & a report on old East German cars (444 4/17 Brown-IL)  
 11795 1005 DW: PP: Commentary on Fujimori's suspension of rights in Peru. (444 4/9 Meinhardt-IL)  
 11810 0130 DW: EE: Economic news in Germany (433 4/2 Gaharan-LA)  
 15185 0631 DW: EE: //13790; End of "European Journal"; into "Africa in the German Press"; QRM de jammer-15180 (333 4/20 Park-HI)  
 15205 1115 DW-Antigua: SS: "Voz de Alemania" (333 4/12 Meinhardt-IL)  
 15305 1900 VOA: AA: Woman w/news; 2000\* (333 4/15 Findlater-CA)  
 15360 2140 DW: EE: Commentary on past great German boxers and the present day contenders, ID & off @2150\* (444 4/16 Brewer-KS)  
 21535 2000 VOA: AA: Man w/news (222 4/15 Findlater-CA)  
 21570 1044 VOA: EE: "Magazine" show w/feature on Mideast Express airlines and commuting to work by bike.; 1100\*. Deep short fades, but not bad otherwise. (343 4/16 Westenhaber-PQ) Radio Flyer, eh! Bill, you just missed the "VOA-Europe" svc here from 08-10. BC

**GREECE**Voice of America      Voice of Greece

9395 0300 VOG: Greek: //9420; Man & woman w/news (333 5/11 Findlater-CA)  
 9420 0015 VOG: EE: Man w/ID & political commentary (333 4/8 Langlois-FL)  
 0130 VOG: EE: Man w/news on troubles in Bosnia, and Greek election results. (333 4/7 Bellovich-FL)  
 0340 VOG: EE: News on attempts by the US to help settle the Cypress issue & need for economic changes. (544 4/16 Kyburz-CO)  
 9425 2211 VOG: Greek: to C/SAM: Nice Greek music. (I asked my daughter's friend who is Greek, if she wanted to hear something coming from Greece. She wanted to know how I did that? She couldn't believe it.) (422 4/23 Lukas-NY) How did you do that? Hi! -BC  
 11645 0135 VOG: EE: Investment seminar held in Greece. (333 4/10 Gaharan)  
 0340 VOG: EE: Greek music, English ID & into news about a meeting of the national congress. (333 4/29 Brown-IL)  
 21455 0915 VOG-Kavalla: EE: //21570-Wertachtal(222); "Casey's Top 40" with the usual requests & dedications; promos for VOA-Europe before & after the program; gave fax number for VOA-Eur: 2026190916. No other //s heard. (15195-Munich, 15160-Kavalla, 11740-Rhodes) (222 5/17 Colyard-NJ) By the way, the VOA-Rhodes relays are seldom reported. At 50kw that makes it a good DX catch.

VOA-Rhodes relay frequencies & times

5965	0330-0800	Arabic	9715	0330-0530	Arabic
6095	1600-2000	Arabic	9715	0330-0630	Arabic
"	2100-2200	Arabic	11740	0800-1000	English (VOA-Europe)
"	2200-2400	English	"	1000-1100	English
6160	2000-2100	Turkish	11915	1330-1500	Arabic

**HUNGARY**Radio Budapest

9835 0247 RB: EE: //11910, 6110; Classical music (555 4/18 Humenyk-ON)  
 11910 0215 RB: EE: Hungary is importing Austrian beer (433 4/1 Gaharan-LA)  
 Film making today in Hungary. (444 4/28 Kyburz-CO)  
 0230 RB: EE: //9835(433); "DX World" highlighting Abu Dahbi Radio 500kw and antennas directed to NA. (433 4/30 Hart-MN)  
 15530 0500 RF: FF: Man w/news (222 5/1 Findlater-CA)

**ICELAND**Icelandic National Broadcasting

15790 2312 Rikisutvarpid: Icelandic: Newscast including a report w/English inserts about building aluminum smelter in Iceland. Blasting in, full carrier, quite readable in AM mode. (455 4/16 WW-PQ)

**IRELAND**

6910 2005 Radio Dublin Int'l: EE: ID & music, "Lessons in Love". (35533 3/7 Kiselyov-UKR) Media Network recently reported a Russian station sometimes can be heard on this frequency. I've heard other stations here but thought it was images in my radio. -BC  
 15050 2330 Live Wire Radio: EE: Rock music, man w/ID "This is Live Wire Radio", gave address in Ireland; off @2345\*. Fair in LSB. (232 4/26 Fisher-MA) Good log, John! Wish I'd heard it! -BC

**ITALY**Radiotelevisione Italiano      Voice of Europe

9575 0108 RAI: EE: News: Mt. Aetna's eruptions threaten the neighborhood. (444 4/10 Fraser-MA)  
 11800 2310 RAI: II: "Musica Classical" w/opera arias. (433 4/12 Fraser-MA)  
 13666 1905 VOE: EE: Non-stop pop, "Sara"..etc (35533 3/12 Kiselyov-UKR)



**LUXEMBOURG**Radio Luxembourg

15350 2010 RTL: EE: Woman DJ w/song by Nirvana "Come As You Are".  
 (322 3/25 Johnson-IL) Where you been, Tim? Welcome back! BC  
 2200 RTL: EE: Two minutes of world news then into pop music program.  
 (443 4/14 Fraser-MA)

**MALTA**

9765 0600 Voice of Mediterranean: Music, ID, program notes & song "Age  
 of Aquarius". (322 5/6 Brown-IL) Up late, eh!

**NETHERLANDS**Radio Netherlands

6020 0054 RN: EE: "Media Network" w/report on Radio Galaxy, and war of  
 words between the two Chinas. (333 4/16 Brown-IL) (S9 Lish-FL)  
 I've looked on 31 mtrs for R. Galaxy for 4 months. Then last  
 week, I stumbled on it @1930 on 11880. List-logging, booi BC  
 6165 0030 RN: EE: "Happy Station" w/mention of my daughter's birthday,  
 age 50! (444 5/11 Valentine-CA) And Frederick is 81! -BC  
 0050 RN: EE: "Media Network" (444 4/17 Hart-MN)  
 9860 0230 RN: EE: News, and dialog on Amsterdam restaurants: musical  
 interludes. (222 5/2 Findlater-CA)  
 11660 1135 RN: SS: News that Irish Republican Army explodes another bomb  
 killing several people. (343 4/11 Meinhardt-IL)  
 13700 \*2130 RN: Dutch?: Woman w/news on Bosnian war. (444 4/11 Brewer-KS)  
 15150 1550 RN: EE: "Sounds Interesting" w/talk on dairy farming: "a robot  
 that milks cows" and farmers strike because of Gatt agreement.  
 (444 4/25 Rontanini-FL)  
 17605 1935 RN: EE: "Happy Station", Tom Meyer w/tribute to Freddie Mercury  
 of Queen. (554 4/12 Fraser-MA)  
 21530 1115 RN: Dutch: //21500; Church service w/hymns & preacher greeting  
 Wereldomroep listeners; 1125\*. Do these freqs replace the 25  
 mHz ones for this Sunday only broadcast? (answers himself)  
 Not quite! 25940 is still in use, but just try to log it here  
 at that hour! (333 4/12 Westenhaver) Check-out next log. -BC  
 25940 \*1028 RN: Dutch: //21530; Carillon IS to 1030 then TPs, s/on & into  
 church mx. Faint @1028, but better by 1100. (221 5/17 BC-NJ)

**NORWAY**Radio Norway Int'l

9560 0400 RNI: EE: ID, woman w/news & historical commentary on how Norway  
 won its independence. (333 4/4 Findlater-CA)  
 15165 0000 RNI: Norwegian: Man w/news. (222 4/10 Findlater-CA)  
 15175 0619 RNI: Norwegian: //9590; Man saying "R. Noreg Int'l presenten."  
 then the "2001" theme and into press review program w/comedic  
 elements; ended w/"Jaws" & "2001" themes. QRM de Tahiti-15170  
 and jammer-15180. (333 4/20 Park-HI) Welcome back, Dale! -BC

**PORTUGAL**Radio Canada Int'l      Radio Portugal

9650 0423 RCI-Sines: EE: "Spectrum" w/Gillian McCormick (unheard of since  
 last year's cutbacks); followed by Deutsche Welle in Slovak on  
 same freq at \*0430. Heavy QSB/QRN. (242 4/21 Westenhaver-PQ)  
 9705 0230 RDP: EE: News: specifics on Portugal's effort to mediate the  
 Yugoslavian civil war. (444 4/28 Kyburz-CO)  
 Schwartz says EEC is committed to middle east peace process.  
 (433 4/10 Brown-IL)  
 11885 0000 Radio Liberty-Maxoqueira: RR: "Radio Svoboda" ID & man w/talk.  
 (333 4/15 Findlater-CA) New site in Portugal with 500kW. -BC  
 11905 0401 RCI-Sines: EE: //9650(better), 15275-Austria(weaker), 15445-  
 Skelton(very weak); News, weather & sports; then "Spectrum" at  
 0410 opening w/weekly business report. (343 4/28 Westenhaver)  
 15215 1800 VOA-Gloria: RR: Man w/ID & news (222 5/3 Findlater-CA)

**ROMANIA**Radio Romania Int'l

7135 2040 RRI: Romanian: Man w/talk; much ham QRM (433 4/7 Bishop-NY)  
 11940 0205 RRI: EE: //5990(fr), 9570(pr); Woman w/news (333 4/11 Humenyk)  
 News & ID. Moderate QRM de VOA-Botswana (433 4/21 Babin-MA)  
 15445 1128 RRI: FF: IS to 1130; ID & s/on routine by woman (with a better  
 accent than the EE staff); then news. (242 4/6 Westenhaver-PQ)

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

6055 0030 REE: SS: Man/woman w/commentary & flemenco mx (S9 3/16 Lish-FL)  
 6125 0300 REE: SS: ID & lively Spanish music, including "Espana" and  
 "Lady of Spain" (222 5/8 Findlater-CA)  
 7105 2037 REE: SS: News & man w/futbal highlights. (433 4/7 Bishop-NY)  
 9530 0015 SNR: EE: Woman w/news & comment on the CIS (444 4/23 Langlois)  
 0100 SNR: EE: Program notes, ID & news; King Juan Carlos will open  
 the world's fair in Seville. (422 4/19 Brown-IL)  
 W. Sahara official visits Madrid. (433 4/7 Gaharan-LA)

**SPAIN** Radio Exterior de Espana Spanish National Radio  
 9530 0130 SNR: EE: "Spanish Press Review"; awful RMWS co-ch QRM. (Why did SNR move off 9630?!) (322 4/17 Westenhaver-PQ) RMWS moved. -BC Sports report w/soccer news. QRM de RMWS. (432 4/21 Bishop-NY)  
 9690 0350 Radio Beijing: EE: "Listeners Letterbox" Chinese music and a listener's question on Pakistani relations. (555 4/14 Brown)  
 11890 0530 REE: SS: Man w/talk & Spanish music program (222 5/8 Findlater)  
 11920 0750 REE: SS: Talk on construction of new barracks for police in Murcia. (232 4/10 Meinhardt-IL)  
 12035 2009 REE: SS: 15 day national strike set for Oct. & police officer killed by ETA (Spanish terrorist group) (544 4/24 Rontanini-FL)  
 21555 1235 REE: SS: ID & news on int'l conference in Madrid; deep fades, so poor but best European on 21 mhz this AM. (342 4.28 WW-PQ)

**SWEDEN** Radio Sweden  
 9695 0218 RS: EE: "In-Touch" w/interviews of Americans on their views of Sweden. (322 5/3 Brown-IL) Sweden OK, Radio Sweden \$\$\$&@s! -BC  
 11705 0220 RS: EE: Talk on Swedish paper/pulp industry. (433 4/2 Gaharan)  
 17870 1415 RS: SS: News, weather & comment; an exhibition of Indian art at Sweden's "House of Culture". (343 4/2 Meinhardt-IL)

**SWITZERLAND** Swiss Radio Int'l  
 6135 0015 SRI: EE: Talk on break-up of USSR. (444 4/4 Babin-MA)  
 0200 SRI: EE: ICRC & SRI reach an agreement. (444 4/25 Brown-IL)  
 7480 1335 Radio Beijing: EE: News. (45544 3/7 Kiselyov-UKR)  
 9535 0402 SRI: EE: World news & "Grapevine"; on top TWR-Bonaire. This freq & time not listed in new sked! (333 4/12 Westenhaver-PQ)  
 9650 0200 SRI: EE: //9885; News & "Dateline". (444 5/1 Brown-IL)  
 9885 0025 SRI: EE: "The Two Bobs" answer question from SPEEDXer Charles Gaharan about number of receivers in Swiss. (444 5/3 WW-PQ)  
 12035 0417 SRI: EE: "Swiss SW Merry Go Round" (433 4/12 Hart-MN)  
 13635 0400 SRI: EE: //12035; Nx, "Dateline", "Crossroads" (arts & culture) (Fri/Sat) w/discussion on yoga. (333 5/8 Findlater-CA)  
 2100 SRI: Italian: News on Geneva conference reporting 3rd world countries are getting poorer. (544 4/24 Rontanini-FL)  
 21770 1325 SRI: EE: Two Bobs discuss audio processing. (322 4/25 Cichorek)  
 1520 SRI: EE: Swiss instrumentals & freq anmts. (444 4/12 Cichorek)  
 1700 SRI: EE: News, & talk on church comments on language and word pronunciations. (444 4/12 Levinson-PA)  
 @1725: Talk on int'l exposition, freq anmts (444 4/17 Brewer)

**UNITED KINGDOM** British Broadcasting Corp Voice of America  
 6140 0542 VOA: EE: Sports & "VOA Wednesday Morning" (333 5/6 Brown-IL)  
 7325 \*0330 BBC: Bulgarian: News & lots of futbol results; heard after BBC-WS to NAM s/off 0329\*. (232 4/16 Westenhaver-PQ)  
 9410 0336 BBC: EE: Conversion to Islam by Caribbean peoples in Britain. (545 4/16 Kyburz-CO) 0400: News (333 5/4 Brown-IL)  
 12095 0107 BBC: EE: "Outlook" w/post-mortem on death of humorous magazine "Punch" after 151 years of publication. (242 4/7 Westenhaver) Events in Afghanistan & effects of violence. (5/3 Hart-MN)  
 15070 2145 BBC: EE: "Newshour" w/report on developing west Ireland which may destroy its ancient culture. (554 4/12 Fraser-MA)  
 15325 1426 RCI-Skelton: EE/RR: Jim Craig w/talk & sked anmts; IS to \*1430 in Russian; co-ch FF QRM. (232 4/23 Westenhaver-PQ)  
 17695 1150 BBC-Eng: EE: "Britain Now" on British government. PWBR had this as Daventry. (242 4/29 Westenhaver) Now Skelton/Rampisham. BC

**VATICAN CITY** Vatican Radio  
 7305 0251 VR: EE: Book review "Rhine Flows into Tibor". (444 4/3 Gaharan) "Rome Report" on solidarity w/Iraqi people. (433 4/28 Kyburz) //9605; "Faith by Numbers" catechism pgm. (444 4/21 WW-PQ)  
 9605 0250 VR: EE: "A Room with a View at the Vatican" & "Ask the Abbot". (433 4/16 Brown-IL) Two very interesting programs. -BC  
 11625 2000 VR: EE: Man/woman w/ID & news about Africa. (333 4/3 Langlois)  
 15090 2045 VR: FF: //11625; Taped report by woman. (555 4/17 Humenyk-ON)  
 17730 1730 VR: EE: IS, ID & news by man/woman. (222 4/14 Findlater-CA)

**YUGOSLAVIA** Radio Yugoslavia  
 11870 0031 RY: EE: Trouble in Yugoslavia, from serbian viewpoint. (Soon to be known as Serbian Radio Int'l.) (323 4/11 Bellovich-FL) Ad for Belgrade shop selling rugs; first Ad I've ever heard on RY. (hoping for passing tourest trade) (344 4/28 Westenhaver)  
 0144 RY: EE: Talk abt success of local businessmen. (444 4/8 Hart)  
 17740 \*1130 RY: EE: Talk on proclamation of new Federal Republic made up of Serbia and Montenegro only. (444 4/26 Westenhaver-PQ)

# The Commonwealth

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

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2721 Gramercy Ave. # 8  
Torrance, CA 90501

CIS		Radio Moscow	Radio Ukraine	Radio Tashkent	Radio Yerevan
7210t	0700	R. Rossi-Khabarovsk (W): RR: no ID, M long speech w/ ments of Yeltsin/Croatia/Moldavia (222 4/1 Findlater-CA)			
7290t	0800	R. Minsk: RR: M long uninterrupted speech, ments Yeltsin/Bush,    7320 so assume Minsk (333 4/15 Findlater-CA)			
9560	0920	FEBC-Khabarovsk: EE: Gospel pgm (bible reading) (322 3/28 Kiselyov-Ukraine) ( <i>Nice catch Stanley! Thanks for your loggings. -ed</i> )			
9685	2322	RM-Lvov (W): FF: DX show w/ EE pop mx & reading article from "Le Monde" abt Soviet radio,    11770 suddenly 2327* (444 4/11 Westenhover-QU)			
9720	0000	RM-Moscow (W): EE: ID, then nx (444 4/1 Babin-MA)			
9720	2015	R. Galaxy-Moscow: RR: pop mx, bank ad, ID (433 3/16 Kiselyov-Ukraine)			
9825	1630	RM-Petrovavlovsk (W): EE: M/W nx in brief - US & Japan to study missles (444 4/13 Valentine-CA) (Gaharan-LA)			
9870	0231	RU-Lvov (W): RR: ethnic vocal mx, unid strn under (434 4/18 Levison-PA)			
9880	2100	R. Galaxy: EE/RR: rock mx, ID by M "you're tuned to R. Galaxy coming to you from Moscow, Russia" (333 4/9 Fisher-MA) (D'Angelo-PA)			
11630	2205	RM: EE: wld nx - item on dolphin research (453 4/17 Fraser-MA) (Lish-FL)			
11735	0211	RM-Vinnitsa (W): EE: "Moscow Mailbag" - will CIS survive? (Gaharan-LA) (Langlois-FL)			
11840	2200	RM: EE: ID, M nx - White House demonstrations, UN troops in Croatia (333 4/11 Findlater-CA)			
11855	1154	AWR-Russia-Novosibirsk: EE: ID @ 1200, time / freq anmt, religious pgm started after anmt, fluttery (252 4/4 D'Angelo-PA) (Kiselyov-Ukraine)			
11860	2210	RM-Vinnitsa (W): EE: W nx - chess grand masters play in Spain, "Moscow Mailbag",    17890 (433 4/12 Cichorek-NJ) (Fraser-MA) (Westenhover-QU)			
11950	0007	RU-Kharkov (W): EE: W Ukrainian nx - fighting in Trans-Dniester region (433 4/11 Beilovich-FL)			
12030	0100	Golos Rossiye: RR: ID / mb anmt over symphonic mx, M tlk - (p) nx (242 4/7 Westenhover-QU)			
12040	2200	RM-Nizhnyi Novgorod (W): FF: ID, M nx - ment Yeltsin / Gaider (222 5/11 Findlater-CA)			
12050	0050	RM-Tbilisi (W): ??: M/W vocals & mx (S1 4/4 Lish-FL)			
12070	1700	RM-Khabarovsk (W): RR: IS, ID, M nx, classical mx pgm, 1800* (222 4/22 Findlater-CA)			
15175	1400	RM: EE: nx, "News & Views" @ 1411,    15210/15280/15435/15480/15580 (343 4/23 Westenhover-QU)			
15190	*1100	R. Nationale Lao: FF: lcl band melody as IS / opening mx, "lci la Radio Nationale Lao, emettant de Vientiane...", nx - all very fadey & hard to copy (242 4/23 Westenhover-QU) ( <i>Nice one Bill! -ed</i> )			
15210	1211	RM: EE: "Top Priority" on problem of converting military-industrial complex to civilian uses, QSB (343 4/6 Westenhover-QU)			
15265	2003	RM: FF: M wld nx w/ ID @ 2006,    15230 (232 4/21 Westenhover-QU) (Lukas-NY)			
15295	2000	RM: EE: ID, M nx on effect of recognition of independence of Balkan countries, "News & Views" (333 4/28 Findlater-CA)			
15330	1133	RM-Nikolayevsk (W): CC: pgm of classical mx w/ M/W tlk, end-of-hour routine, IS to 1200 (242 4/27 Westenhover-QU)			
15375	1746	RM: EE: "The Pacific and Peace" w/ nx of Russia-Pacific ties (444 5/3 Westenhover-QU)			
15415	2000	RM: EE: ID, W nx on Afghan rebel factions fighting after ouster of strongman Najibullah (333 4/18 Findlater-CA)			
15460	0400	RM: RR: ID, M tlk on Bosnia & Kabul (222 5/1 Findlater-CA)			
15470	1216	RT-Tashkent (W): EE: M/W tlk, listeners letters, mx, ID, cmtry on mx, ID @ 1227 (232 4/17 Cichorek-NJ) (Flynn-OR)			
15470	0415	RM-Novosibirsk (W): EE: ID, M nx - Gorbv US tour (222 5/13 Findlater-CA)			
15475	0300	RM-Serpukhov (W): SS: ID, M nx w/ ments of Serbia / Croatia (222 5/12 Findlater-CA)			
15520	1800	RM-Alma Ata (W): RR: IS, ID, M/W dialog (222 4/13 Findlater-CA)			
15550	0043	RM-Yerevan (W): PP: long wld nx, ID @ 0054 as "R. Mosco Internacional", ad for selling RM time, s/off anmt (444 4/17 Westenhover-QU)			
15580	1202	RM: Indonesian: M nx w/ "R. Moscowaa" ID, ad, "Panorama" pgm (243 4/17 Westenhover-QU)			
17575	1811	RM: EE: "Lives of the Russian Saints" episode,    17695 (343 5/3 Westenhover-QU)			
17580	1704	RM: Afrikaans: M nx to 1710, cmtry, pop songs, ID @ 1727 "U luister naar			

R. Moscow", || 17540/17780, 1759\* (333 4/12 Westenhaver-QU) (Kiselyov-Ukraine)  
 17590 \*1329 RM: EE: on w/ tail end of "Mailbag", nx briefs, "Audio Book Club" w/ Aleksandr  
 Pushkin's story "Queen of Spades", QSB (243 4/6 Westenhaver-QU)  
 17635 \*0330 RM: EE: ID, W nx, || 21845/21825/17655 (222 4/26 Findlater-CA)  
 17655 0028 RM-Khabarovsk (W): EE: ad for Moscow trade fair in May, nx briefs @ 0030, pgm of  
 classical mx (242 4/7 Westenhaver-QU)  
 17690 0100 RU-Khabarovsk (W): EE: first african nation recognizes Ukrainian independence  
 (333 3/26 Johnson-IL)  
 17735 2221 RM-Kazan (W): EE: "Moscow Mailbag", nx briefs @ 2230, choral mx (343 5/2  
 Westenhaver-QU)  
 17745 1202 RT: EE: M Uzbek / regional nx to 1205, W ad for buying ads on RT, ID @ 1208, M  
 cmtry on Yeltsin's programs in Russia (333 4/6 Westenhaver-QU)  
 17780 0230 RM: EE: ID, "Russian by Radio", time & freq skeds @ 0258, M nx @ 0300 (333 4/13  
 Findlater-CA)  
 17790 1520 RU: Ukrainian: non-stop mx by Spirogyra (!), M anmt @ 1558 w/ ment of Ukraine,  
 @ 1559 17790 went off and || 17810 switched to RMWS in EE (444 4/20  
 Westenhaver-QU)  
 17810 1724 RM-Simferopol (W): EE: "News & Views" - British politics, nx in brief (333 4/24  
 Brewer-KS)  
 17890 2335 RM-Kiev (W): W tik on musical instruments of Russian origin (434 4/26 Levison-PA)  
 21480 2025 RM: EE: "News & Views" w/ Easter message, nx briefs (344 4/25 Westenhaver-QU)  
 21530 2300 RM: EE: ID, M nx - Tories win in Britain, W tik on chemical composition of the  
 spores of the Siberian mushroom (boy, I'm glad I didn't miss that. My lucky day!)  
 (333 4/11 Findlater-CA)  
 21575 1236 RM: Indonesian: "R. Moscowaa" ID, M/W tik (333 4/21 Westenhaver-QU)  
 21625 0236 RM: EE: "Russian by Radio", QSB/QRN, || 21690/21770 (242 4/22 Westenhaver-  
 QU) (Levison-PA)  
 21770 2239 RM: EE: "Folk Box" w/ songs & traditions relating to Easter, 2359\*. ||  
 21480/21690/21790 (243 4/12 Westenhaver-QU)  
 21780 0300 RM: RR: ID, M nx, poor (222 4/26 Findlater-CA)  
 21785 1549 RM-Armavir (W): EE: "Africa as We See It", rpt on Seychelles, IS, s/off (232 4/18  
 Cichorek-NJ)  
 21825 \*0330 RM: EE: IS, ID, W nx on fighting in Karabakh, pop mx, poor (222 4/13 Findlater-CA)

#### Schedules

Regional Stations (presumed RR)

R. Radonezh, Moscow: 1130-1330 on 11675

R. Space: 1400-1445 on 12075

R. Rezonans, St. Petersburg: 0300-0500, 1100-1200, 1800-2000 on 11945

R. Polyus, St. Petersburg: 0330-1300 on 6045

[Euronews via USEnet]

FEBC-Russia in RR: 0800-1000 on 9560

R. Galaxy in EE: 1900-2200 on 11880

[T. Tachibana via USEnet]

A short column this time around, but we have some nice regional and relay loggings to make up for it. Site IDs are from the 1992 WRTH (W) and PWBR (P) respectively, although both references are becoming dated now.

I survived the L.A. riots ok, but there was some looting less than a mile from where I work and my commute from work to home on April 30th took 70 minutes instead of the normal 30 minutes! Monitoring the local emergency services on VHF was very interesting, to say the least.

That's it for this time. See you next month. -Jason



# DX MOSCOW

Apatoly Klepov  
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d.23, kv.365  
123458 MOSCOW



## Russia

### Radio Khabarovsk

1st programme on SW 4610 and 7210, plus LW/MW/FM. Local programme:

Mon	0100-0200, 0900-0930, 1835-2100	Fri	0100-0200, 0700-0930, 1835-2100
Tues	0100-0200, 0400-0430, 0700-1000	Sat	0100-0200, 1910-2200, 2215-2300
Wed	0100-0200, 0700-1000, 1835-2100	Sun	0800-0900, 1910-2100, 2215-2300
Thu	0100-0200, 0700-0945, 1835-2100		

2nd local programme on SW 4610 and 6060, plus LW/MW, 0100-0700 (MAYAK and local programmes)

### Radio Yuzhno-Sakhalinsk

Local programme on SW 4050 and 11840, plus LW

1900-2030	Mon, Wed, Thu, Fri, Sun
1900-2100	Tue, Sat
0000-0100	Mon, Wed, Thu, Fri, Sun

### Radio Murmansk

Local programme on SW 5930, 6050, and 15350, plus MW

Mon-Fri:	0300-0430, 0810-0900, 1400-1430
Sat:	0620-0700, 0900-0930, 1020-1100
Sun:	0500-0515, 0930-1000, 1200-1300

### Tikhyy Okean (Pacific Ocean), Vladivostok, Russian Far East

0815-0900 7320, 9820, 15535, 17620, 17695, 17825, 17850

You would like to send a reception report to the station broadcasting in Russian, and you don't know the language? Send your letter in English to me!! I'll translate it and pass it on to the station you need in Russia. Please, \$1 US or 2 IRC's.



# AFRICA

Paul Wakefield Box 188

West Branch, IA 52358

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

It looks like I'm not the only one getting an early start on summer! Contributions were down this month, but the quality sure wasn't. As usual, there's lots of good stuff to be found here, plus some long-overdue schedule info.

## ALGERIA

- 15215 1755 RTV Algerienne: EE: Tune in to end of EE svc, ID/QTH and soft instrumental mx, "This is R Algiers Intl". Announced sked as 17-18 GMT on 17745 & 9535 (no ment of 15215!), 20-21 GMT on 11715 (343 4/12 D'Angelo-PA) @0200 in AA: S/on, then nx (333 4/21 Babin-MA)
- 17745 1933 RTV Algerienne: FF: Slick DJ show w/AA pops/disco mx, fast-talking W DJ, over-produced strings (some in EE), 2000 nx, prg of vintage AA vocal records, 2100 "chaine 3" ID (333 4/20 Westenhaver-PQ)

## ANGOLA

- 7245 0200 RN de Angola: PP: PP s/on, then nx (433 4/22 Babin-MA)

## ASCENSION ISLAND

- 6005 0210 BBC: EE: End of BBC nx (422 4/22 Babin-MA)
- 9560 2215 BBC: PP: Ancr w/pop mx pgm, //15390, 11765 [via Ascension], 9825 [via UK] (222 4/16 Findlater-CA)
- 9600 0412 BBC: EE: Nx- Canadian Eskimos vote to decide on dividing Northwest Terr, Yugoslav violence (322 5/4 Brown-IL)
- 11750 0002 BBC: EE: Nx- Rpt on situation in Afghanistan, fighting breaks out in Yugoslavia (422 4/29 Brown-IL)
- 15190 0916 BBC: EE: Sandi Nelson w/"The A to Zed of Rock & Pop", focusing on "C" (Hotel California, Clapton, & Cream) & "D" (drugs & death, Reginald "Elton John" Dwight) [But no Cramps or Dread Zep?- ed.] (343 4/21 Park-HI)
- 15260 0105 BBC: EE: Reflection on the comedy of Benny Hill, rpt on the Four Tops (333 4/22 Brown-IL)
- 15400 0437 BBC: EE: "Network Africa"- talks may bring peace to Sudan (444 4/28 Brewer-KS)
- 21660 1622 BBC: EE: Sports- cricket & football scores (232 4/18 Cichorek-NJ)

## BENIN

- 4870 2232 ORTB (t): FF: Pgm of US jazz ("One o'Clock Jump", "Mood Indigo" w/Louis Armstrong, quiet M DJ. Band mx (NA?) @2300\*- Fades in about 2210 w/radio play/soap opera, then Western mx 2230-on (453 4/13 Fraser-MA) Louis Armstrong mx, les Marsailles, children's song (322 4/12 Cichorek-NJ) FF/EE pop mx, M ID in FF (322 4/22 Babin-MA)
- 5025 2150 ORTB-Parakou: FF: Over an hour of continuous mx- Afropops, FF pops, even rap tunes- ID, s/off anmts followed by orch NA @2258 (353 4/4 D'Angelo-PA) DJ w/pgm of FF/EE light pop mx (333 4/22 Babin-MA)

## BOTSWANA

- 7255 0410 R. Botswana: EE: Local Afr pop mx, choir, hvy QRM de DW (322 4/1 Babin-MA)
- 7265 0428 VOA: EE: Pgm notes, nx- UN peacekeeping troops won't go to Yugoslavia while fighting goes on, song "You Are Never Going to Get It" (333 4/24 Brown-IL) "Daybreak Africa" leading w/situation in Afghanistan- on top of co-channel Sudwestfunk, but @ \*0300 was under SWF (243 4/21 Westenhaver-PQ)
- 11940 0205 VOA: EE: NX & ID, hvy QRM de Bucharest (322 4/21 Babin-MA)
- 15600nf 2010 VOA: FF: Pgm of jazz classics (Billie Holliday/Bessie Smith), //15195 via Greenville (222 4/5 Westenhaver-PQ)

**BURKINA FASO**  
 (AD-4815) 0558 R. Burkina: FF: Afropop song w/hyperactive rhythm section, 0600 M ID and nx- heavy QRN (222 5/16 ed.)

**CAMEROON**  
 4795 2144 CRTV-Douala: FF: Pgm on water supply (322 3/16 Babin-MA)  
 4850 2236 CRTV-Yaounde: EE: Pgm of classical mx (153 4/22 Humenyk-ON)

**CHAD**  
 4904.4 0450 RN Tchadienne: FF: Fast talking M DJ w/lots of Afropops & tlk, ments of N'Djamena (232 5/16 ed.)

**CONGO**  
 4765 2315 RTV Congolaise: FF: Political disc w/freq ments of Congo (444 4/2 Karcheski-MA) Two M tlk in FF (433 4/8 Bishop-NY) ID & nx in FF (242 4/22 Babin-MA)

**DJIBOUTI**  
 4780 0304 RTV Djibouti (p): SM: Noted recitations at tune-in which disappeared under heavy CW and later numbers (W) around 0316, obviously no chance for ID, returned @0325 w/tlk & some mx but plagued by CW QRM (222 4/13 D'Angelo-PA) [Nice one, Rich!]

**EGYPT**  
 9475 0250 R. Cairo: EE: Pgm of ME mx & listeners letters (444 4/16 Bagozzi-CA) AA mx, ID, into show where Qu'ran is interpreted from AA to EE (322 4/11 Bellovich-FL) ME mx, ID, pgm on early Christian communities in Egypt (433 5/2 Brown-IL) @0040 in AA: M chanting, W tlk (S4 4/21 Lish-FL)  
 9900 2205 R. Cairo: EE: "The Political Encyclopedia"- Bretton Woods monetary meeting of 1945, political entities in the ME, independence of Egypt after WW I (454 4/13 Fraser-MA)  
 12050 2148 R. Cairo: AA: W ancr w/chanting (S1 4/10 Lish-FL)  
 17770 0003 R. Cairo: AA: W nx to 0012 w/"...min al-qahira" @0007/0012, then swoony AA vocal- OK audio, but //15220 had a sort of audio rumble (343 4/26 Westenhaber-PQ)

**EQUATORIAL GUINEA**  
 7203 2115 R. Africa (t): FF: M w/"R. Africa" ID in FF, then classical mx (322 4/22 Babin-MA)

**GABON**  
 9580 2125 ANO: FF: M DJ w/FF pop mx, heavy QRM de station in EE (322 4/22 Babin-MA)  
 9830 0210 REI: FF: FF/EE pop mx, country mx in EE, ID in FF (433 4/21 Babin-MA)  
 11735 2330 RJ: EE: "Media Roundup" w/Ian rpt on phones in intercontinental planes, DX tips from Bruce MacGibbon (343 5/3 Westenhaber-PQ)  
 17630 1405 ANO: FF: Pgm of W Afr mx (444 4/25 Hankison-KS)

**GHANA**  
 4915 2221 GBC-1: EE: M w/commentary (153 4/22 Humenyk-ON)

**GUINEA**  
 7125 2330 RTV Guineenne: FF: Afropops & lcl mx, M ID, more mx & M tlk to 2358 s/off anmts, 2359 orch NA- heavy QRN & slow-speed CW, 9650 solidly covered by bcst in GG (322 5/18 ed.)

**KENYA**  
 4934 0240 KBC: EE: Continuous EZL vocals until 3+1 TPs, ID & lcl TC, then W w/nx (353 4/20 D'Angelo-PA)

**LESOTHO**  
 3255 0540 BBC: EE: British health authorities to encourage condom use by youths in Asian community- struggling through the QRM, //better 6190, slightly better 15420 (via Séychelles) (222 5/19 ed.)  
 6190 0330 BBC: EE: "African Nx" w/rpt on Malawi, interviews, // very weak 3255 (443 4/9 Flynn-OR)

**LIBERIA**  
 7275 0700 ELBC: EE: M w/rlg tlc & hymns, poor (222 4/9 Findlater-CA)

**LIBYA**  
 15235 2315 VO Great Homeland: AA: Zealous marching band mx & angry M shouting w/crowd cheering & yelling in response. This was first day of UN sanctions against Libya- special power increase? Overriding co-channel RCI (333 4/15 Minnehan-OH) Long AA speech, mod QRM de RFI (322 4/22 Babin-MA) Continuous chanting (222 4/13 Findlater-CA)

17825 2332 VO Great Homeland: AA: M w/world nx ending w/military march fanfare, 2338 full ID per WRTH & into emotional M tlc w/many ments America- in/out w/cochannel WYFR in PP- considering all the rumors of WYFRs ties to CIA, is this any accident?- //15235 very weak under RCI (433 4/19 Westenhaver-PQ)

**MADAGASCAR**  
 9860 0147 RN: EE: "Happy Station", hard to read but a clear ment "Here on R N", splatter de 9850 (CSM?) & 9870 (Austria + unid-CIS?) (232 4/5 Westenhaver-PQ)

13700 1240 RN: IN: Current affairs items (IN version of "Newslines", 1249 M tlc w/ID, then EE country songs- QRM de WYFR-13695 (322 4/20 Westenhaver-PQ)

15150 1510 RN: EE: ID, pgm about treating leprosy (322 4/25 Hankison)

17580 1249 RN: IN: M DJ w/prg of mixed pops, from Lambada beat to Van Morrison, stronger than either //13700-Mad or 17605-Flevo (343 4/23 Westenhaver-PQ)

21480 1027 RN: DT: IS, ID "Dis ist R N Wereldomroep een Hilversum...", freqs, 3 TPs, nx w/Annamura Caalim, //17580 (white noise QRM) (333 4/12 Park-HI)

**MALI**  
 4783 0620 RTV Malienne: FF: Regional mx (native drums & chanting vocals), M DJ (343 4/7 Johnson-IL) Two M tlc in FF, UTE QRM (221 4/8 Bishop-NY)

9770 0025 RB: EE: "Music Anthology"- 1964 ballet "Red Detachment of Women" (544 4/13 Fraser-MA) "In the Third World" rpt on economic reforms in Laos, Laotian mx (433 5/1 Brown-IL)

11790 2345 RB: EE: Pgm of Chinese folk mx (433 4/3 Babin-MA)

15110 0105 RB: EE: M & W tlc about POWs in Vietnam (323 4/2 Dome-TX)

**MAURITANIA**  
 4845 0632 ORTM: AA: Chanting & recitations, guitar mx to 0700 ID, into nx, much weaker signal than usual (242 5/19 ed.)

**MOROCCO**  
 9575 0030 R. Medi Un: AA: ME mx pgm (322 4/12 Hankison-KS)

11850 0552 VOA: EE: Promo for VOA call-in show about AIDS, tlc about LA rioting & civil rights (242 5/19 ed.)

15330 1830 RTV Marocaine: AA: M tlc, poor (222 4/27 Findlater-CA)

15345 2021 RTV Marocaine: AA: Two M w/nx mag, even item about DPR Korea! Speaking clock for 2039, brief prayer, full ID @2045, //15330 w/co-channel RHC (343 4/21 Westenhaver-PQ)

**NIGERIA**  
 4770 0458 R. Nigeria-Kaduna: EE: Pgm of 30s & 40s era instl mx, mostly jazz & swing, 0514 drumming, then W w/"R Nigeria" ID & nx (242 5/19 ed.)

7255 0610 VON: EE: Cmtry on Winnie Mandela & how her actions affect Black Africa, ID (322 5/6 Brown-IL)

**RWANDA**  
 17860 2125 DH: GG: Stock market rpt (433 4/22 Babin-MA)

**SEYCHELLES**  
 7275 0145 FEBE: TM: M cmtry, 0158\* (S4 4/8 Lish-FL)

15235 0400 FEBE: AA: W w/rlg tlc & hymns, 0430\*, poor (222 4/13 Findlater-CA)



SIERRA LEONE

3316 2257 SLBS: EE: Classical piano mx, choral mx, ID & TC @2300, nx & sports pgm (333 4/22 Karoheski-MA) Caught s/off ID & anmts followed by orch NA, 2233\* (252 4/4 D'Angelo-PA)

SOUTH AFRICA

4810 0154 R. Orion: EE: W/w station ID, EZL mx- UKK!! (323 4/7 Belloyich-FL) M w/ID & TC, mx by Spandau Ballet (232 4/6 Johnson-IL) EE pop mx w/M DJ in AK (333 4/3 Babin-MA) W DJ w/mx & lcl TCs in EE/AK (433 4/8 Bishop-NY) Lots of 60s hits (333 4/8 Hankison-KS)  
 5960 0400 R. RSA: EE: ID, W w/nx, M ancr w/upbeat pop mx pgm, //9695 (222 5/8 Findlater-CA)  
 7230 0400 R. RSA: FF: ID, W & M present pgm of pop mx (333 5/9 Findlater-CA)  
 9675 0411 R. RSA: FF: ID/chat, press review- it's Splitsville for Nelson & Winnie Mandela (433 4/15 Westenhaver-PQ)  
 11950 2100 R. RSA: PP: ID, M w/nx, under co-channel RM, poor (222 5/1 Findlater-CA)  
 15230 0438 R. RSA: EE: M (Colin Houston?) hosting pgm of light mx/brief taped pieces, ID- heavy QRN/almost polar-style flutter- really wonky propagation tonight! (232 4/21 Westenhaver-PQ)  
 17710 0500 R. RSA: FF: M & W w/nx (222 4/23 Findlater-CA)

TOGO

5047 2130 RTV Togolaise: FF: Radio play on cooking (333 4/22 Babin-MA)

TUNISIA

7475 2054 RTV Tunisienne: AA: Lots of chanting (332 4/7 Bishop-NY)  
 11550 0518 RTV Tunisienne: AA: M w/long dialouge, instl mx, 0519 W ID, more M tlk w/ments Tunis- //much weaker 15450, 17500 (343 5/18 ed.)

ZAIRE

7100 2033 LV du Zaire (t): FF: M tlk in FF, no ID hrd (322 4/7 Bishop-NY)

BBC Z92 Frequency Schedule  
 English Programming for Africa  
 Indian Ocean Relay

Freq	Time(GMT)	Days	Site	kW	Azi	Language	Target
6005	1700-1745	smtwtfs	SEYCHELLES	250	285	ALT_AFRICA	AF
6005	1830-1900	smtwtfs	SEYCHELLES	250	285	ALT_AFRICA	AF
6005	1900-1930	s.....s	SEYCHELLES	250	285	ALT_AFRICA	AF
6005	1930-2100	smtwtfs	SEYCHELLES	250	285	ALT_AFRICA	AF
9630	1700-1745	smtwtfs	SEYCHELLES	250	270	ALT_AFRICA	AF
9630	1830-1900	smtwtfs	SEYCHELLES	250	270	ALT_AFRICA	AF
11730	0330-0400	smtwtfs	SEYCHELLES	250	280	ALT_AFRICA	AF
11860	1400-1430	.....fs	SEYCHELLES	250	240	BBC_ENGLISH_AFR	AF
11860	1400-1430	smtwt..	SEYCHELLES	250	300	BBC_ENGLISH_AFR	AF
11860	1500-1515	s.....s	SEYCHELLES	250	270	ALT_AFRICA	AF
11860	1515-1530	smtwtfs	SEYCHELLES	250	270	ALT_AFRICA	AF
15420	0330-0400	smtwtfs	SEYCHELLES	250	280	ALT_AFRICA	AF
15420	0430-0500	smtwtfs	SEYCHELLES	250	280	ALT_AFRICA	AF
15420	0600-0630	s.....s	SEYCHELLES	250	280	ALT_AFRICA	AF
15420	0630-0700	s.....s	SEYCHELLES	250	280	ALT_AFRICA	AF
15420	1400-1430	smtwt..	SEYCHELLES	250	280	BBC_ENGLISH_AFR	AF
15420	1400-1430	.....fs	SEYCHELLES	250	240	BBC_ENGLISH_AFR	AF
15420	1500-1515	s.....s	SEYCHELLES	250	280	ALT_AFRICA	AF
15420	1515-1530	smtwtfs	SEYCHELLES	250	280	ALT_AFRICA	AF
17885	0600-0630	s.....s	SEYCHELLES	250	270	ALT_AFRICA	AF
17885	0630-0700	s.....s	SEYCHELLES	250	270	ALT_AFRICA	AF

DX News: South Africa- Effective May 2, R. RSA added the following EE bcsts- 02-04 on 7270, 03-05 (5960), 04-06 (9695), 06-07 (15220), & 16-18 (9565, 11885). All are beamed to Africa (BECMS/Glenn Hauser). Cladestine: The VO Renamo has added a pgm in PP dedicated to the Mozambique Natl Resistance Armed Forces, airing 1245-1345 on 9860 (BECMS/Glenn Hauser).



# ASIA/OCEANIA

William Westenhaver  
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Montreal, Quebec, Canada  
H2X 2C1

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

At the risk of sounding as repetitive as a Johnny Carson rerun, June is going to be another one of those crowded columns. I hope that there will be some room to chat at the end.

## AUSTRALIA

### Radio Australia

- |        |      |  |
|--------|------|--|
| 9470   | 1150 | <u>RA</u> : EE/CC: Pop mx; into CC @ 1200 (433 4/2 Gaharan-LA)   |
| 9475nf | 1003 | <u>RA</u> : CC/EE: EE lesson w/an Aussie accent, concentrating on soccer terms; //13605, 15170 (444 4/18 Wakefield-IA) @ 0905 in EE w/nx; //9580; seems to replace 9470 (242 4/18 ed.)   |
| 11880  | 1037 | <u>RA</u> : EE: Px "Dispatches" w/tlk abt Third World (mainly African) development questions; //9580 (344 4/3 ed.)   |
| 13605  | 1349 | <u>RA</u> : CC: W hosting px of CC pop ballads; anmt @ 1358 ment "Guandong hua"; IS; into Cantonese @ 1400; //15170 (to 1400*) was slightly stronger (343 4/23 ed.)  |
| 15170  | 1441 | <u>RA</u> : EE: Mx selections--some vocals (333 4/11 Levison-FA)   |
| 15530  | 2300 | <u>RA</u> : IN: M nx; W w/pop mx px (333 4/13 Findlater-CA)  |
| 17715  | 0600 | <u>RA</u> : EE: Nx; sample selections of traditional indigenous Australian songs (444 4/26 Findlater-CA)   |
| 21740  | 0000 | <u>RA</u> : FF: M/W nx to 0030; then into EE (444 4/12 Findlater-CA) (There are a bunch of //s listed for this relatively new FF bst, but 21740 is the only one to make it, on occasion, to Quebec.-ed.) @ 0031 in EE w/Phil Collins song; tlk on immigration (323 4/8 Bellovich-FL) @ 0119 w/tlk abt wine exports (455 4/2 Newmyer-CO) (Did they mention the infamous "Kanga Rouge" and "Wallaby White" they export to the UK?) |

## BHUTAN

### Bhutan Broadcasting Service

- |      |      |  |
|------|------|--|
| 5025 | 1417 | <u>BBS</u> : EE: Nx; anmts; @ 1430 UN px (this was a Thursday) on "International Space Year"/environmental concerns (232 4/2 Flynn-OR) |
|------|------|--|

## CHINA

### Central People's Best Stn Radio Beijing

- |         |       |  |
|---------|-------|--|
| 4940    | 1246  | <u>QINGHAI PBS</u> : CC: Opera until 1257; @ 1300 TP; flutes; M/W tlk w/brief orch mx; @ 1320 several "Qinghai" ID's; nx @ 1330 (333 4/17 Murray-OR)                     |
| 4975    | 1300  | <u>FUJIAN PBS</u> : CC/EE: TP; M tlk to 1330; then "O Canada" musical notes and into RCI-produced "Everyday English" px w/lecture on global warming (333 4/10 Murray-OR) |
| 5950    | 0800  | <u>HEILONGJIANG PBS</u> : CC: M/W dialogue (222 4/16 Findlater-CA)   |
| 9665    | 1255  | <u>RB</u> : EE: End of "Letterbox"; s/off w/NAM sked (352 4/12 Fraser-MA) (See 15210.-ed.)   |
| 9920    | 1600  | <u>RB</u> : ??: Much M tlk; px of CC mx; 1655* (333 4/13 Findlater-CA) (The WRTH and PWBR are no help in trying to figure out which lang this would be.-ed.)             |
| 11500   | 1845  | <u>RB</u> : GG: Soft-sounding W airing modern folk mx; M s/off routine; 1856*; //9920 (333 4/10 Park-HI)   |
| 11745   | 1900  | <u>RB</u> : RR: M/W dialogue (nx?); some CC mx selections (222 4/13 Findlater-CA)  |
| 11755   | *0900 | <u>RB</u> : EE: M nx; this is beamed to Pacific (222 4/13 Findlater)   |
| 15210nf | 1239  | <u>RB</u> : EE: "Culture in China" w/portrait of a popular actress; off w/sked for ECNA bestds--so this must replace 9665 for the summer season. (343 5/14 ed.)          |

(It turns out that I'm not the only A/O contributor involved in campus radio--Dale Park's a DJ on KTOH, at the U. of Hawaii's Manoa campus. We're both on 90.3 FM--psychic frequency planners?)

CYPRUS BBC relay was logged (in EE unless noted) on: 9585 in EE/RR by Findlater-CA; 15310 by Findlater-CA; 15420 by Findlater-CA; 15575 by Brown-IL, Findlater-CA; 21470 by Cichorek-NJ, Findlater-CA, Humenyk-ON, Wakefield-IA.

FRENCH POLYNESIA

RFO Tahiti

11827 0834 RFO: FF: Jazz px recorded before live audience w/M/W ancrs critiquing performance; //weaker 15170 (232 4/18 Wakefield)  
15170.3 0330 RFO: FF: Nx; then into island mx (444 4/22 Babin-MA) @ 0327 w/Polynesian mx; tlk mainly in Tahitian but bit of FF as well; better than //11827 (423 5/5 Wall-CA)

GUAM

KTWR KSDA

9785 0900 KTWR: CC: W rlg tlk and hymns (333 4/12 Findlater-CA)  
13720 1700 KSDA: EE: W interviewing archaeologist on his work in Egypt (particularly Luxor); "Voice of Prophecy" @ 1730 (333 4/13 Findlater-CA)  
15610 2305 KSDA: EE: Px of old-time rlg mx incl "Swing Low Sweet Chariot" (222 5/5 Thornton-NJ)

INDIA

All India Radio

11620 2200 AIR: EE: W world nx; then she read rpt on Pakistan's problems (454 4/15 Fraser-MA) (Also logged by Babin-MA, Brown-IL, Cichorek-NJ, Findlater-CA, Newmyer-CO)  
15080 1853 AIR: EE: Rpts on Asian sporting events; beamed to Africa (242 4/5 Flynn-OR) @ 1900 w/M-nx; poor to 2000\* (222 4/12 Findlater)  
15110 0036 AIR: EE: Cmty abt Indian Parliament (222 4/13 Thornton-NJ)  
15275 1159 AIR: TAMIL: Filmi mx; @ 1210 ID/nx briefs; @ 1214 W closing anmt; this frq then off, but //15335, 17387 stayed on w/W anmt and filmi mx (242 5/6 ed.)  
15325 0130 AIR: TIBETAN: W tlk; chanting; oriental mx/vocals (222 5/3 Findlater-CA)

INDONESIA

Radio Republik Indonesia

3345 1304 RRI TERNATE: IN: Jakarta nx (//other RRI's, e.g. 3325); @ 1312 local ID; into lagu pops (243 4/2 Flynn-OR)  
4874.6 0953 RRI SORONG: IN: Michael Bolton song; tlk; into some sort of prerecorded px--play?; good signal (453 5/2 Wall-CA) (Do they ever play any lagu-lagu Duran-Duran, I wonder?-ed.)

IRAN

Voice of the Islamic Republic of Iran

11895 2300 (t)VOIRI: FARSI: Long blocks of chanting; some AA-style mx; no ID but several ments Tehran; hrd till VOA OC came on just before 0100 (222 4/16 Findlater-CA)  
15084 1900 VOIRI: FARSI: M tlk; some chanting (Qur'an?) and AA-style mx (222 4/19 Findlater-CA)  
15260 2354 VOIRI: EE: Cmty on Yeltsin's economic policies; M folk song; ID @ 0000 and px "Perspective" (434 4/16 ed.)

IRAQ

Radio Iraq Radio Iraq International

9723.6 2023 RI: AA: M tlk; bubble jammer present; //4600 was weak (342 4/19 Willers-Jordan)  
11945 2345 RII: EE/AA: EE ID; M/W nx--it's Saddam Hussein's birthday!; cmty on Saddam; into AA @ 2356; co-chan Spain in SS QRM; //15150 had jamming but 17740 didn't; 11945 seemed to disappear in early May (333 4/28 ed.)  
15150 2348 RII: EE/AA: ID; Eurhythmics mx bridge; M/W "Here is our today's nx"; W "Here is our today's cmty" on Libya/Iraq; back into AA @ 2358; this has been, since 4/28, the RII frq most adversely affected by jamming (343 4/21 ed.)  
15210 1920 RII: EE/AA/FF/GG/SS: EE cmty on UN sanctions against Libya; ID; AA vocal w/W AA talk-over abt the singer; @ 1931 EE/FF/GG/SS ID's and short nxcasts in FF/GG/SS w/same ID between; some co-channel Cairo QRM; reception not always that great here (333 5/2 ed.)  
15340 0155 RII: AA/EE: Long string of AA vocals w/occ AA ID's; 0232-0245 EE nx/cmty on Los Angeles; s/off varies around 0345-0350; per anmt, this is "for our listeners in Chicago," but it's the best RII frq here in Montreal (343 5/7 ed.)  
17740 2249 RII: AA: W tlk w/background mx--ments Baghdad; //15150 was SIO 544 (454 4/20 Willers-JORDAN) (That's Steve on vacation.)  
(By the way, RII's AA ID sounds to me like "Idha'at al-iraq al-thauriya.")

ISRAEL KI was logged (in EE unless noted) on: 11587 by Humenyk-ON; 11588 by Bagozzi-CA; 15480 in AA by Johnson-IL; 15585nf (ex-15590) in FF by ed.; 15640 by Bishop-NY, Findlater-CA, Fraser-MA; 17575 by Fraser-MA.  
Reshet Bet relay was logged on 15615 in HH (with a Bank Leumi ad starring an HH Bart Simpson, of all things!) by ed.

JAPAN

Nihon SW Bosting Radio Japan

3945 0854 NSB: JJ: Gloria Estefan songs; @ 0900 time beep/ID/tlk (352 5/4 Wall-CA)  
11865 1400 RJ: EE: S/on routine and nx (444 4/12 Hankison-KS)  
11875 0900 RJ: PP: S/on; nx; economic rpt--dollar down in Tokyo (232 4/8 Meinhardt-IL) (//9675 is via Montsinéry, French Guiana.-ed.)  
15430 0000 RJ: JJ: M nx...0030\* (333 5/8 Findlater-CA) (This carries the General Service in JJ/EE to SEAsia \*2000-0030\*.-ed.)  
17810 0130 RJ: EE: Px on coming of age in Japan (343 4/10 Gaharan-LA) @ 0342 w/rpt on Earth Day activities in Japan (222 4/24 Kyburz-CO) @ 0700 w/nx/cmtly on cherry blossom time (333 4/11 Findlater-CA)

(Beginning 5 June @ 2200 UTC, RJ will be cancelling all General Service bcsts for 27 hours, to carry a special marathon bcst marking the Earth Summit in Rio.)

KIRIBATI

Radio Kiribati

14917.8 0615 RK: EE: W nx followed by island mx; very weak w/CW ute QRM (232 4/7 Johnson-IL)

KOREA, D.P.R.

Radio Pyongyang Korean Central Best Stn

9345 0900 RP: RR: S/on routine; then long M speech (333 4/16 Findlater)  
9977 1135 RP: EE: Long nx abt 80th birthday festivities for Generalissimo Kim Il-Sung (He got promoted!) (242 4/17 ed.)  
11680 0800 KCBS: KK: W long speech (333 4/13 Findlater-CA)  
11735 1435 RP: FF: Px of usual patriotic mx in operatic form (433 4/26 Hankison-KS) (I still prefer "patented Stalinist choral mx" to describe it, myself.-ed.)  
11780 2100 RP: JJ: W/M dialogue (nx?); long M speech (222 4/13 Findlater)

KOREA, REPUBLIC OF

Radio Korea

9515 1815 RK: FF: M nx and long tlk; //9870 (222 4/16 Findlater-CA)  
9750 1300 RK: EE: Tlk on 1994 being Visit Korea Year (434 4/1 Gaharan)  
15575 0100 RK: EE: M w/exerpts from story by famous Korean author; cmtly on increase in foreign high-tech companies entering Korea (333 4/10 Findlater-CA)

KUWAIT

Radio Kuwait

13620 1801 RK: EE: ID; mx by Perry Como; nice to have them back in EE for the first time since 1990! (353 4/8 Lukas-NY) @ 1840 w/US/Euro pop/rock mx back-to-back till 1900 ID; then Qur'an in EE (434 4/22 Minnehan-OH) @ 2050 w/ID routine ment 1341 MW and 13620 (555 4/19 Willers-JORDAN) (At first, they didn't mention the SW frq.-ed.) (On 4/5, D'Angelo-PA hrd them s/on abruptly in the middle of a song, but by 5/2, Brown-IL rpts a full s/on routine w/NA, etc.)

MALAYSIA

Radio Television Malaysia

7295 1407 RTM: EE: "Radio 4" running "American Top 40" syndicated px (433 4/10 Flynn-OR) (winning this month's "Ugh!" award!.-ed.)

MONGOLIA

Radio Ulan Bator

12015 0910 RUB: EE: IS; ID/frqs; nx; not hrd on 11850; "had never heard this--now have heard twice in last couple of months" (322 5/2 Wall-CA) (You're lucky, Matt; I've never yet managed to log this one, and they're near the top of my hit list.-ed.)  
13780 1449 RUB: EE: W tlk; lcl mx; very poor under DW; seems //7263--barely audible there (312 4/10 Flynn-OR)

MYANMAR

Voice of Myanmar

5990 1436 VOM: EE: Rock mx; editorial (nx/military affairs); fairly clear channel (242 4/6 Flynn-OR)

(P.S. to the last page: BBC M rpts (via 5/14 "Media Network") that Iraq has a bcst, containing EE, @ 1300-1600 on 11250 and 15400--beamed where?)



NEW ZEALANDRadio New Zealand International

- 9700 0940 RNZI: EE: Special Easter px; @ 1000 ID/world nx (453 4/19 Fraser-MA) @ 1113 w/relay of BBC "Newsdesk"--lots on LA riots (333 5/3 Brown-IL) @ 0932 w/Ruili Hill's monthly show --is he trying to be a crabby Paul Harvey, or is it just an accident? (343 4/21 ed.)
- 15120 2138 RNZI: EE: W sked anmt; bellbird IS and off 2140\*; severe "buzz-saw" QRM (222 4/12 Cichorek-NJ) @ 1900 w/nx and "Morning Report" of Pacific Islands nx (444 4/28 Findlater-CA) (This is replaced for J92 by 11735-ed.)
- 17770 0353 RNZI: EE: Cricket match--NZ v. South Africa (544 4/24 Kyburz-CO) (The world has sure changed....-ed.) @ 0400 in PD w/"dedication px" for Solomon Islands w/pop mx/interview w/SI gov't official (but no noodle ads) (344 5/14 ed.) (Also hrd in EE by Babin-MA, Brown-IL, Gaharan-LA)

PAPUA NEW GUINEA

- 3205 1059 R. WEST SEPIK: PD: "Maus bilong Sandaun" ID w/brief inst mx; then into choral mx countdown px! (233 5/2 Murray-OR) @ 1225 w/US/Polynesian-type mx; PD tlks w/little EE bits (e.g. EE TC's); "Maus Sandaun" @ 1300; anthem; 1303\* (453 5/2 Wall-CA) (Not quite psychic!)
- 3235 1229 (t)R. WEST NEW BRITAIN: PD: 2 M tlk (1 chanted at times); 1239-1254 Choral singing; orch mx; anmts; anthem @ 1258; 1300\*; no ID hrd (233 4/27 Murray-OR)
- 3275 1200 (t)R. SOUTHERN HIGHLANDS: EE: M tlk, occasionally interrupted by brief mx (111 4/14 Hankison-KS)
- 3315 1125 R. MANUS: PD: M tlk w/lots of ments "programme"/P.O. Box no's/6-digit phone no's; country song; "Maus bilong Chauka" ID @ 1137 (333 5/2 Murray-OR) (t) @ 1210 w/px of mx; possible ment of "NBC" (122 4/14 Hankison-KS)
- 3345 1044 R. NORTHERN: PD: Pop mx px w/brief tlk between cuts; ID @ 1100 just prior to fade-out (252 4/5 D'Angelo-PA)
- 4890 0830 NBC PORT MORESBY: EE: Nx w/full ID and frequent ments "NBC" (352 5/4 Wall-CA) @ 1149 w/px of pop mx w/M/W hosts; @ 1159 "Services of NBC"; @ 1200 drums/nx (222 4/27 Murray-OR)

PHILIPPINESFar East Bcst Corp VOA relay

- 9845 1600 FEBC: RR: M rlg tlk and hymns (222 4/15 Findlater-CA)
- 15450 0005 FEBC: EE: End of EE ncoast; weak but clear ID (232 4/4 Babin)
- 15460 \*2330 FEBC: BURMESE: ID; M rlg tlk; hymns; poor (222 4/11 Findlater)
- VOA relay was logged (in EE unless noted) on: 9770 by Findlater-CA; 11760 by Babin-MA, Cichorek-NJ; 11965 in RR by Wakefield-IA; 15150 in RR by Findlater-CA; 15215 in KK by Findlater-CA; 15290 by Babin-MA, Findlater-CA; 17735 by Findlater-CA, Newmyer-CO; 17865 in RR by Findlater-CA; 21570 in TIBETAN by Findlater-CA; 21585 in CC by ed.

QATARQatar Broadcasting Service

- 17865 1848 QBS: AA: AA vocal mx; @ 1900 M dramatic tlk and into M/W soap opera; @ 1915 AA vocal; @ 1921 M chat/"Huna Doha"... full ID @ 1929; Norway-17860 QRM de \*1900 (433 4/20 ed.)

SAUDI ARABIABroadcasting Service of the Kingdom of Saudi Arabia

- 9705 1707 BSKSA: EE: "...Radio Riyadh presents..."; pop mx; cmt'y (433 4/12 Willers-EGYPT) (It's too bad one has to go all the way to Egypt to hear this one!-ed.)
- 9885 2250 BSKSA: AA: M reciting in rhythmic style (but wasn't Qur'an); @ 2300 M ID/anmt; NA; 2301\*; on top of SRI (242 5/11 ed.)
- 11685 2149 BSKSA: AA: Vcls; M tlk; M/W dramatic dialogue (322 4/12 Cichorek-NJ) @ 2205 w/taped remote interview; in-studio M chat w/vcl mx bridges; ID @ 2214 (333 4/5 ed.)
- 15060 0405 BSKSA: TK: A capella M AA-style vocals (444 4/22 Brewer-KS)
- 15430 0400 BSKSA: SOMALI: Qur'an; mx; M tlk and inst mx (433 4/10 Gagozzi-CA) @ 0400 w/M tlk; some AA mx; Qur'an; poor (222 4/12 Findlater-CA)
- 21495 0800 BSKSA: AA: Continuous Qur'an; //21670 (222 4/1 Findlater-CA)
- 21505 1538 BSKSA: AA: M tlk--cmt'y? (555 4/11 Humenyk-ON)

SINGAPORESingapore Bcst Corp BBC relay

- 5052 1426 SBC: EE: Oldies songs (e.g. Billy Joel/Doobie Bros.); W "SBC" ID @ 1436; //11940 SIO 322 w/BBC QRM (222 4/17 Murray-OR) @ 2220 w/"...This is Radio One..."; ad; soft mx; first time hrd! (332 4/20 Willers-JORDAN)

SINGAPORE continued...

BBC relay logged (in EE unless noted) on: 9605 in HINDI/URDU by Findlater-CA; 9740 by Park-HI, ed.; 11750 by Hankison-KS; 11955 by Findlater-CA.

SOLOMON ISLANDS

Solomon Islands Bcst Corp

5020 0836 SIBC: EE/PD: End of EE nx; TC; into PD tlk; then Polynesian drumming; not hrd on 9545 (353 5/4 Wall-CA)  
9545 0730 SIBC: EE: ID; Nx; ad for Magic 2-Minute Noodles ("Umm Umm!") (322 3/25 Johnson-IL) @ 0840 w/EE community anmts (some w/Honiara POB no's); Island mx 0845-0859; into PD w/M ID and community anmts (242 5/7 ed.)

SRI LANKA

Sri Lanka Bcst Corp RJ relay

15120 1105 SLBC: EE: W w/px of lighter EE pops; in/out w/QRMoscow; // 11835 (121 4/5 Park-HI)  
15210 1900 RJ: FARSI: M nx; into AA @ 1930; ex-15345 (222 4/15 Findlater-CA) (Still on 15210 for J92.-ed.)

SYRIA

Radio Damascus

12085 2015 RD: EE: Nx abt Syria; into lcl mx (333 4/10 Langlois-FL) @ 2145 w/ID; px on agricultural products (323 4/19 Bellovich-FL) (Also logged in EE by Brown-IL, Cichorek-NJ; in FF by Babin-MA; in AA by Findlater-CA)

TAIWAN

Central Bcst System

11775 1445 (t)CBS: CC: Propaganda bcst to the Mainland w/tlks; nx @ 1500; very weak but not jammed (111 4/26 Hankison-KS)

THAILAND

Radio Thailand

9655 2326 RT: EE: Pop mx; rpt on film "Silence of the Lambs"; ID (342 4/20 Willers-JORDAN)

TURKEY VO TURKEY logged (in EE unless noted) on: 9445 by Babin-MA, Bagozzi-CA, Bellovich-FL, Langlois-FL; 11895 by Fraser-MA; 15220 in TK by ed.

UNITED ARAB EMIRATES

VO UAE Abu Dhabi

UAE Radio Dubai

11710nf 0117 VOUAE: AA: Bits of drama/w tlk/M declamation/lute mx; TP for 0130; M ID; weak--in/out w/RAE; seems dropped for J92 (222 4/20 ed.)  
11965 2336 VOUAE: EE: W nx/ID; M songs (555 4/17 Humenyk-ON) (Not J92-ed.)  
15305nf 2301 VOUAE: EE: "Press Review" of lcl nx items; ID @ 2318; then px "Human Rights in Islam"; //13605 (343), 17855 (343) for J92 (344 5/3 ed.)  
15480 1700 VOUAE: AA: Tlk; AA mx/vcls; some Qur'an; nx @ 1800 (222 4/29 Findlater-CA) @ 1820 w/ID; then virtually non-stop AA vcls; suddenly off 1900\* (343 4/28 ed.)  
17890 0313 RD: AA: AA M vcl; M/W tlk over pop mx (ad?); TP for 0315 (abt 10 secs early); M ID/nx; //15400 13675 (343 5/6 ed.)

YEMEN

Republic of Yemen Radio

7190 \*1600 RYR: EE: "This is Yemen, programme 2, English service from Aden"; then nx/cmtly (443 4/19 Willers-JORDAN)  
9780 0420 RYR: AA: AA morning prayers; logged while I was working at the hospital in Sada for 13 days (555 4/13 Babin-YEMEN)

CLANDESTINE

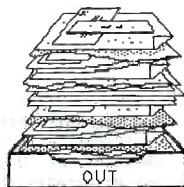
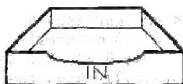
6325 1055 (t)VO THE KHMER: KHMER?: W singing in SEAsian style w/reverb; W (t) ID; xylophone interlude; M w/possible nx; best hrd in USB acct ute/jammer QRM (121 4/11 Park-HI)  
17960 2235 VO IRAQI OPPOSITION: AA: M chorus singing w/orchestra; W tlk; then more similar choral mx (434 4/15 Levison-PA) @ 2313 w/M tlk--lots abt Saddam/Iraq; //15601.9 (555 4/20 Willers-JORDAN)

Thanks to everybody for a very interesting turnout this time around. Thanks especially for Steven and Robert for the loggings from their travels in the Mideast. If you're going away this summer, why not take a radio with you? You can log all sorts of spiffy stuff you might not be able to hear at home, impress all of us with what you report, and evoke jealousy in all us stay-at homes-- kill three birds with one stone!

73-BIM

# QSL REPORT

Mike Wolfson  
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Ashland, OH 44805



## AFRICA

**Angola** R Nacional de Angola: 7170 f/d cd 136 ds rpt EE (Humenyk, Ont. (country #104))  
**Botswana** VOA: 7265 f/d cd 54 ds rpt EE (Humenyk, Ont.); VOA: 11940 f/d cd ("cannot verify" w/question mark) 90 ds (2nd rpt sent, no reply) (Gaharan, La.); VOA: 7265 f/d cd 10 ds (Gaharan, La.)  
**Djibouti** RTD: 4780 f/d cd (sked, thank you note) 109 ds ms rpt FF (Reese, De.)  
**Madagascar** R Netherlands: 15150 f/d cd (solar eclipse) 95 rpt EE (Humenyk, Ont.)  
**Seychelles** FEBA: 15330 f/d cd (station pix) 46 ds IRCs rpt EE v/s M. Asba (Robinson, Ut.)

## ASIA/OCEANIA

**Australia** R Australia: 21270 f/d ltr (goodies) 60 ds (Washburn, Me.)  
**Bahrain** R Bahrain: 9746 f/d cd (map cd) 107 ds ms rpt EE/AA !! (Reese, De.)  
**China** R Beijing: 9690 f/d cd (horse drawing?, bookmark, cutouts) 23 ds rpt EE (Levison, Pa.)  
**French Polynesia** RFO Tahiti: f/d cd (man blowing conch shell, sticker, map, sked) 58 ds IRCs rpt EE (Robinson, Ut.)  
**Israel** Kol Israel: 9435 f/d cd (sked, forms) 39 ds rpt EE (Bishop, N.Y.)  
**Japan** R Japan: 9505 f/d cd (tx site) 57 ds (Gaharan, La.); RJ: 9675 f/d cd (swans at sunset, nxltr, sked) 113 ds 1 IRC rpt SS v/s K. Hishikawa (Meinhardt, Il.); RJ: 17810 n/d cd (Japanese Azaleas on River at Nikko) 28 ds rpt EE (Brown, Il.)  
**Kiribati** R Kiribati: 14917 f/d cd (dancers) 750 ds ms rpt EE v/s Trafaogo (?) for eng. in charge (Reese, De.); RK: 14918 f/d cd ("Dancing is an Art") 45 ds \$1 rpt EE (Fisher, Ma.)  
**Korea, Rep. of R Korea**: 9750, 15575 f/d cd (Korean dance) 40-65 ds rpt EE (Humenyk, Ont.); RK: 15575 f/d cd (Korean dance, mx) 41 ds rpt EE (Bishop, N.Y.)  
**Lebanon** Wings of Hope: 11530 f/d cd (world map) 36 ds IRCs rpt EE v/s Pete ReTlly (Robinson, Ut.)  
**Malaysia** RTM Sarawak: 4950 f/d cd (Broadcasting House) 89 ds IRCs rpt EE (Robinson, Ut.)  
**Mongolia** R Ulan Bator: 12015 (gold/white cd) 135 ds (+25 rpts + 1 empty envelope) ms rpt EE (Reese, De.)  
**New Zealand** RNZI: 17770 f/d cd (Wellington from Mt. Victoria) 29 ds 3 IRCs rpt EE (Brown, Il.)  
**Oman** BBC: 15310 f/d cd (map) 27 ds v/s David Bones (Washburn, Me.)  
**Papua New Guinea** NBC Port Moresby: 4890 f/d cd (map, nice stamps on cd!!) 30 ds IRCs rpt EE v/s G. Nakau (Robinson, Ut.)  
**Philippines** VOA: 11920 f/d cd (Mt. Rushmore) 47 ds rpt EE (Humenyk, Ont.); R  
**Pilipinas**: 21580 f/d cd (logo) 44 ds rpt EE v/s Evelyn S. Agato (Humenyk, Ont.)  
**Singapore** Singapore B/C Corp.: 5052 f/d cd ("Greetings from Singapore") 173 ds \$1 (returned) rpt EE (D'Angelo, Pa.)  
**Taiwan** VOFC: 9680, 11780, 17805 f/d cd (orphans working, ltr, stickers) 24-142 ds rpt EE (Humenyk, Ont.); VOFC: 5950 f/d cd (orphans artwork, sked, booklet, sticker) 33 ds rpt EE (Levison, Pa.)  
**Thailand** R Thailand: 9655 f/d cd ("Stamps of Thailand", sticker) 305 ds rpt EE (Bagozzi, Ca.)  
**Turkey** TRT: 9445 f/d cd (fishing village, sked, pennant) 25 ds rpt EE (Humenyk, Ont.)  
**United Arab Emirates** UAE R: 15400 f/d cd (globe & logo) 23 ds rpt EE v/s K.J. Fenner (Brown, Il.)

## COMMONWEALTH OF INDEPENDENT STATES

**Ukraine** R Kiev: 11790 f/d cd (questionnaire) 226 ds rpt EE (Levison, Pa.); RK: 75180 f/d cd (bird cd) 146 ds rpt EE (Levison, Pa.)  
**Russia** R Vilnius: 17605 f/d cd ("Land of Amber") 80 ds rpt EE (Robinson, Ut.); R  
**Centras**: 9710 f/d cd (Science Museum) 52 ds 2 rp rpt EE (Robinson, Ut.)

## EUROPE

**Austria RAI:** 9875 f/d cd (curling) 60 ds rpt EE (Humenyk, Ont.); **RCI:** 15275 f/d cd (Canada Film Year cd) 10 minutes!!! (by hand) rpt EE v/s Bill Westenhaver (Westenhaver, Quebec) (Hey Bill, how come no IRCs or postage? Mommy, will you buy me a radio station? Billy down the street has one.<g>-MW); **RAI:** 13730 f/d cd (flower festival, sticker) 40 ds IRCs rpt SS v/s "EK" RAI (Meinhardt, Il.); **RAI:** 13730 f/d cd ("Niderosterreich Where Holidays are Fun" (70's cd), forms) 45 ds rpt EE (Bishop, N.Y.)

**Belgium BRT:** 21810 f/d cd 59-65 ds rpt EE (Humenyk, Ont.); **BRT:** 9930 f/d cd (hospice, "printed in the EEC") 45 ds rpt EE (Brown, Il.)

**Bulgaria R Sofia:** 11680 f/d cd (public plaza & building) 189 ds rpt EE (Brown, Il.)

**Czechoslovakia R Praha:** 7345 f/d cd (Tyl Theatre, sked, studio pix) 26 ds rpt EE (Levison, Pa.)

**France RFI:** 21645 3 f/d cd (Eiffel Tower, Notre Dame, "Souvenir de Paris", pgm sked) 32 ds (1 rpt!!!) (Washburn, Me.)

**Germany VOA:** 3980 f/d cd (Bethany Anniversary cd) 12 ds (after last of many f/ups) (Fanderys, Oh.)

**Hungary R Budapest:** 9835 f/d cd (natl costume) 67 ds rpt EE (Humenyk, Ont.); **RB:** 11970 f/d cd (Matthias Church) 37 ds rpt EE (Levison, Pa.)

**Ireland Dun Laoghaire Local Radio:** 6220 f/d ltr 21 ds rpt EE v/s Paul ?? (Fisher, Ma.) (VERY nice catch John, can you provide more info? MW)

**Malta V of the Mediterranean:** 9765 f/d cd (montage) rpt EE (Brown, Il.)

**Netherlands R Netherlands:** 6020 f/d cd (broadcast van) 26 ds rpt EE (Brown, Il.)

**Portugal RCI:** 9650, 11905 f/d cd (40th anniversary cd) 10 minutes v/s Bill Westenhaver (Westenhaver, Quebec)

**Romania R Romania:** 9510, 21665 f/d cd 23-109 ds rpt EE (Humenyk, Ont.)

**Spain REE:** 9530 f/d cd (planetarium, SS sked) 48 ds rpt EE (Bishop, N.Y.)

**Sweden R Sweden Intl:** 11705 f/d cd (Stockholm) 28 ds rpt EE (Brown, Il.)

**Switzerland SRI:** 12035 f/d cd 50 ds (Gaharan, La.); **SRI:** 6190 f/d cd (Liestal) 40 ds rpt EE (Brown, Il.)

**UK RCI:** 15445 f/d cd (Intl Broadcasters Year cd) 10 minutes rpt EE v/s Bill Westenhaver (Westenhaver, Quebec); **RCI:** 7230 f/d cd ("1983 World Communications Year", sticker, ltr) 35 ds (Fanderys, Oh.)

**Vatican City R Vaticana:** 7305 f/d cd (St. Peter's Dome seen through FM ant.) rpt EE (Brown, Il.)

## WESTERN HEMISPHERE

**Brazil R Bras:** 11780 p/d cd (map, sticker, sked) 24 ds 1 IRC rpt SS v/s Renato Geraldo de Lima (Meinhardt, Il.)

**Columbia R Nacional:** 11822 f/d cd 126 ds \$1 rpt SS v/s Adriana Giraldo Cifuentes (D'Angelo, Pa.)

**Canada RCI:** 11730 f/d cd 15 ds (Gaharan, La.); **CIQX:** 6005 f/d cd (sticker) 7 ds rpt EE v/s Andre Chevalier (D'Angelo, Pa.); **CFRX:** 6070 f/d cd (CFRB aircraft) 112 ds rpt EE (Brown, Il.)

**Cuba RHC:** 9710, 11760, 11950 f/d cd (church) 122-171 ds rpt EE (Humenyk, Ont.)

**Dominican Republic R Barhona:** 4930 f/d cd 50 ds (country #103) 50 ds rpt SS (Humenyk, Ont.)

**Ecuador HCJB:** 11960 p/d cd (boy in native clothes, brochure) 35 ds rp rpt SS v/s G. Volkhardt (Meinhardt, Il.); **Escuelas Radiofonicas Populares del Ecuador:** 5010 n/d ltr (pennant) 120 ds rp rpt SS v/s Juan Perez Sarmiento (Fisher, Ma.); **HCJB:** 15155 f/d cd (girl walking near Inca ruins) 44 ds rp rpt EE v/s Glen Volkhardt (Bishop, N.Y.); **HCJB:** 15155 f/d cd ("Leaping Llamas") 44 ds v/s Richard McVicar & John Adams (Washburn, Me.); **HCJB:** 15155 f/d cd (Hibiscus) 49 ds IRC rpt EE (Brown, Il.); **HCJB:** 15155 f/d cd ("Leaping Llamas") 30 ds ms rpt EE (Brown, Il.); **HCJB:** 15155 f/d cd (Tuna Rosada Flower) 49 ds rpt EE (Brown, Il.); **HCJB:** 15155 f/d cd (1983-C "Communications in Ecuador") 33 ds ms rpt EE (Brown, Il.); **HCJB:** 15155 f/d cd (Cleome Spinosa Flower) 17 ds ms rpt EE (Brown, Il.); **HCJB:** f/d cd (Orchid Cattleya Flower) 17 ds ms rpt EE (Brown, Il.); **HCJB:** 15155 f/d cd (Vara de San Jose) 24 ds ms rpt EE (Brown, Il.); **HCJB:** 15155 f/d cd (Alfombrilla Flower) 24 ds ms rpt EE (Brown, Il.)

**Netherlands Antilles TWR:** 9535, 11815, 11930, 15345, 15445 f/d cd (church, Columbus's voyage) 30-186 ds rpt v/s Sally Rork (Humenyk, Ont.); **TWR:** 11815 f/d cd ("Voyage of Columbus", goodies) 37 ds 2 IRCs v/s Sally Rork (Washburn, Me.)

**Peru R Santa Monica:** ppc (w/long ltr, tapes, stn pix, family pix) 60 ds (via registered air mail) \$1 rpt SS v/s Leonides Rodrigues Rebaza Gerente (D'Angelo, Pa.)

**US VOA:** 6030, 6190, 17800 f/d cd 47-74 ds rpt EE (Humenyk, Ont.); **WJCR:** 7490 f/d cd (logo) 17 ds rpt EE (Humenyk, Ont.) (address: **WJCR Worldwide, P.O. Box 91, Upton, Ky. 92784**); **WJCR:** 7490 f/d cd (logo, map, ltr) 10 ds rpt EE v/s Gerri Powell (D'Angelo, Pa.); **WJCR:** 7490 f/d cd (globe and cross, ltr) 11 ds v/s Don



Powell (Washburn, Me.): KGEI: 15280 f/d cd (Golden Gate, cablecar, Fisherman's Wharf) 48 ds ms rpt EE (Brown, Il.)  
 Venezuela R Tachira: 4830 n/d cd ("scenes of San Cristobal") 498 ds \$1 stamps rpt  
 SS v/s Simon-Eleazar Silva M. (Washburn, Me.)

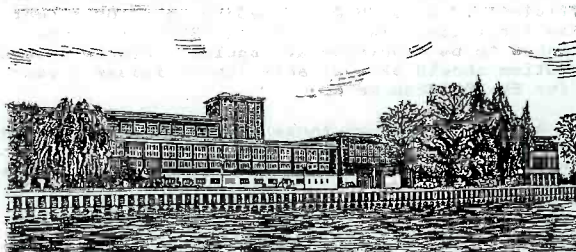
**PIRATES**

US WSKY: f/d cd (Jack Daniel's bottle, info, studio pix) 27 ds 3 ms rpt EE  
 (D'Angelo, Pa.)

**UTES**

Antarctica R Nacional Arcangel San Gabriel: 15476 f/d cd (logo) 137 ds 2 ERCs  
 rpt SS v/s Cristian Omar Guida (Reese, De.)  
 US WWV: 20000 f/d cd (folder, "Indian Smoke Signals, stn info) 12 ds v/s John B.  
 Milton (Fanderys, Oh.)

In the immortal words of my fellow editors, **FILL THAT GAP!!!!**. We had a good turnout this month, but it can be better. Its always nice to have a little room to showcase someone's QSL collection, but having QSLs to report is even better. I'd like to thank everyone who has written over the last month. Its always good to hear from all of you. I try to answer everyone promptly. I don't always succeed, but I do try. Talking about QSL collections, we have some from Steve Willers this month. Thanks Steve. Until next month, Mike



GDR Radio Broadcasting House, Berlin QSL





# Trash & Treasure



Donald J. Weber 2169 Walter Road Westlake, OH 44145

Any and all Reporting Guide information can be an aid to us. SPEEDX published our guide long ago. Radio Nederland has a free offer of guide information. Other sources have published potential reception report translation information and the most complete of all these sources is probably the Tiare Publications set of Language Lab books but here's a new voice to offer help to us. The HELSINKI DX-LISTENERS' CLUB, Box 214, SF-00101 HELSINKI, FINLAND has put together a Reporting Guide which offers hints for language reports in English, German, Spanish, Russian, French, Italian, Portuguese, Indonesian, Mandarin Chinese and a shortened version of Arabic. The price for we in North America is \$11.00US and they say they accept "cash and bank cheques (by well-known Western Bank)". This guide is advertised as "over 50 pages".

Another international offer from the Nordic area is a printed schedule called EL FRECUENCIMETRO. This is a two-sided 11"x17" listing of which station is on which frequency at which hours of the day. It offers station addresses, time differential by area and details on broadcasting from fifty-two major radio countries as well as a number of other smaller broadcasting areas. This was advertised first class mail delivery for \$5.00US from ANGEL BENARAN, TEGNERSGATAN 11/ 412 52 GOTEBOG, SWEDEN but Angel refunded \$1. with an apology that orders so far had not been sufficient to allow him to prepare a color format for EL FRECUENCIMETRO. The first issue was for April 1992 but I understand that this item is planned to be reprinted at regular intervals so that seasonal update information should be available--three issues a year are part of the planning for EL FRECUENCIMETRO.

I have been saved--but not by the way of those religious shortwave radio personalities. For some time it seemed logical to have "TnT" offer you as full a list of potential radio reading material as possible but some guy named Janusz saved me. Have you obtained your copy of THE LITERATURE OF SHORTWAVE RADIO as yet from the SPEEDX SUPERMARKET? The address is 5008 Stonehenge Lane, Norman, Oklahoma 73071. The illustrious Mr Janusz has given us a fifty-one page book of reviews, information and opinions unequaled in this world--but then who else has tried this type of effort? Hey, the price is reasonable and your radio library should include THE LITERATURE OF SHORTWAVE RADIO as well as many of the reviewed books--loosen those purse strings, let the moths fly out of your wallet, break open the piggy bank, find the few bucks needed to order the book reviews from the mind and pen of Edward Janusz.

At the time this page of "TnT" is being written, the press release hasn't been issued but by the time you read this, all will be known and probably I will have missed the most important details. The basic information, however, is that the official grand opening of the new location of UNIVERSAL RADIO INC, 6830 Americana Parkway, Reynoldsburg, Ohio is scheduled for Saturday, June 20, from 10:00 a.m. to 5:00 p.m. Representatives of major manufacturers will be at the gala to answer your questions on their products and Universal always has had a great hands-on attitude which has allowed potential customers to try, to play and to enjoy all of the Universal offerings. If you are anywhere close to the Columbus area on that Saturday, go to -UNIVERSAL, have some refreshments, meet the factory reps, put your name in for the prize drawings (radios included, of course) and have some fun.

Ahoy, avast, or whatever all those pirate words might be. Other pirates, those radio people, have t-shirts which might be of interest to you. For \$10.00 each, Andy Yoder can help you get either a black on orange "Radio Freedom" (USA) logo or an orange on black "Uncle Sam" logo RADIO USA shirt, a black on gold "broadcasting van" logo HOPE RADIO shirt or a black on tan "KNBS in head" logo KNBS shirt. Each of the t-shirts styles are available in L or XL and the \$10. price includes postage for shipment in the US; Canada and Foreign are \$1. and \$2. extra. You can send your money to Andrew Yoder in care of the maildrop Post Office Box 109, Blue Ridge Summit, Pennsylvania 17214.

**SPEEDX's**

# UTILITY WORLD

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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.....*

Greetings and welcome to the June Column. This month seems to have produced a rash of new radio toys and information sources. Of course the loggings are arriving in bundles (not that I'm complaining!). Keep up the good work and keep them coming.

We have several product announcements to make this month, including the new *Universal M-8000* multi-mode decoder and an update of the Hoka Code3. We also delve deep into the realm of Piccolo RTTY modes (not, its not as esoteric as you might think!). Also, I review a nifty little book from England by Peter Rouse.

## MESSAGE ANNOUNCED

For those of you who attended the Dayton Hamfest last month, you may have already heard of the release of the new decoder from Universal Radio, the M-8000 Communications Terminal. It seems from the promotional data that Universal has attempted to take the very successful design of their M-7000 and make the user interface much easier to use.

Upon first glance, the M-8000 looks very much like the older M-7000. The size of this stand-alone decoder is the same, the color of the box is the same, and the overall layout is very familiar. There are important differences however. The front panel sports LABELS for each button, unlike the rather cumbersome letter and number combination found on the M-7000. From discussions with several of the '8000 beta testers, it appears that this improvement makes the machine much easier to use.

The packaging is nice, but the real differences between the '7000 and the '8000 are 'under the hood'. Several new modes are included. On shortwave Piccolo Mark VI is now included and for you UHF/VHF buffs GOLAY and POCSAG modes, two new military and governmental modes are added.

Of course you would need a UHF/VHF receiver to decode the latter two modes.

Another key difference between the '7000 and the '8000 is the inclusion of VGA video facsimile. You cannot use your old monochrome monitor with this machine—you need a VGA monitor. According to Fred Osterman of Universal Radio, the video is quite comparable to that of the Universal M-1000 decoder card in VGA mode.

Because of the more powerful video display in the new machine, more data can be displayed while you decode. An example of a new feature is a simulated tuning scope which allows you to decode difficult signals in near real time.

Despite the new video display mode, the basic architecture of the M-8000 follows its predecessors at Universal—all software is encoded on socketed ROMs on the motherboard. Future updates can be installed simply by replacing the ROM chip.

As with all Universal's current models the built-in power supply is switchable between 115 and 230 volts, so it will work just about anywhere in the world.

Some of you may be asking, "Why did Universal include non-shortwave RTTY modes?" The answer is very simple, bunky. The governmental/military market for these machines is substantial. For this particular machine approximately 40 percent of all units sold will go to these organizations. Many of the current military modems employ GOLAY and POCSAG as well as encryption techniques in their transmissions.

I have a feeling that many people will buy this machine just for the two scanner modes. It will also introduce many shortwave Ute buffs to RTTY on the higher frequencies as well. In either case it is a strength of the machine.

One feature which evidently was NOT improved or refined in the M-8000 was the AUTOTUNE/AUTOBAUD function. When

using the M-7000 autobaud function, questionable estimates are given. Universal has recognized this and has assured me that they are trying to refine the feature. Perhaps by the time the new machine ships to customers, sometime during June, the good folks at Universal will have addressed this issue.

So, should you rush out and sell all of your old RTTY gear and buy the M-8000? This of course is a matter of personal choice, but if you want photographic quality FAX images, Piccolo, GOLAY and POCSAG modes, and a friendlier user interface, a 'trade up' might be in your future.

One thing is clear. In the future the M-8000 will be the 'growth platform' for Universal. New modes will be developed for the new machine. These new developments may or may not be supplied to owners of the older M-7000. Osterman says that the M-7000 will not be abandoned, in fact it is still being sold, but like any technology over time it becomes outdated.

For further info, see the new Universal Radio catalog (92-04). The M-8000 can be purchased for \$1299.00US from Universal Radio, 6830 Americana Pkwy., Reynoldsburg, Ohio 43068.

## WHAT IS PICCOLO?

One question I immediately had upon learning of the new shortwave mode included in the M-8000 was, "Are there enough Piccolo transmissions to justify buying this new machine?" I was pleased when one of our Internet readers, Dr. David Wilson of Virginia, provided us with a comprehensive Piccolo frequency list.

### PICCOLO FREQUENCY LIST

MKK (London, UK)

To MSS: 9053, 10760, 13445, 14473,  
16344, 17515, 18512, 18525,  
19810, 19915, 20170, 23761.

To MTS: 11584, 13580, 14510, 16205,  
18057, 20265, 20436, 22890,  
23850.

MSS (Belize City, Belize)

To MKK: 7822, 11440, 12270, 14496.7,  
14710, 14828, 15815, 16270,  
18420, 18941, 19005, 20285,  
22922, 24333.

To ????: 14727, 22790.

MTS (Port Stanley, Falklands IS.)

To MKK: 9265, 14593, 15855, 16390,  
18879, 20308.

MKD (Akrotiri, Cyprus)

To MUH8: 6844, 10249, 11465.5, 13968,  
16233, 19056.5, 20124, 20600,  
23374, 24654.

MUH8 (Nanyuki, Kenya)

To MKD: 10854, 16254, 23794.

GEC (Unidentified) To ????: 14853.

GYU (Gibraltar) To ????: 15780.

In addition to the Dr. Wilson's list, I have also monitored encrypted Piccolo traffic on 19682.5. Both MSS and MTS sometimes transmit in LSB, but usually in USB. MKD usually uses two frequencies simultaneously in USB.

Why should we care that we have this wonderful list of frequencies? Well, it might help if we knew a little about Piccolo, its characteristics and its history.

Piccolo is the name given to a particular form of Multi-Frequency Shift Keying system (MFSK) developed by the British Foreign Office for use by embassies worldwide. This may sound complicated, but if you ever have heard a Piccolo signal you cannot help but recognize it. It sounds like a flute (ie. Piccolo) playing a number of notes spaced very close together. Even without a complicated decoder you can identify Piccolo signals. Indeed, the Piccolo systems use a number of different frequencies spaced very closely together (as close as 10 Hz). This gives the appearance of the flute-like sound as these frequencies change rapidly.

The earliest Piccolo system (Mark I) was developed by a research team headed by J.D. Ralphs back in 1957. The Mark I system used 32 different frequencies (known as a 32-tone system) and proved to be very effective. Piccolo operators claim that they could decode signals that they could barely hear, thereby making the new system preferred over the traditional Morse Code used up to that time.

The first operational version of Piccolo Mark I was demonstrated in Delhi, India in October 1962. The tests were successful and versions Mark II and Mark III followed rapidly and soon came to comprise the bulk of the British Embassy HF radio network. With the success of this system the British Foreign Office began to look at commercial applications of the mode.

One of the most widely publicized commercial uses of Piccolo was the transmission of newspapers to the Cunard Cruiseship Queen Elizabeth II during the late 1970s. These transmissions originated out of Portishead Radio.



In his 1985 book, *Principles and Practice of Multi-Frequency Telegraphy* (London: Peter Peregrinus, Ltd.), Ralphs discussed the 'commercialization' of the mode. Basically, the British Government during the early 1980s felt that they could sell Piccolo Mk VI transmitting/receiving equipment and still maintain diplomatic secrecy through various data encryption techniques.

The current version is Mark VI, which sends two of six tones in sequence. When tuning, remember that much of the diplomatic traffic will be encrypted. In other words, you can't read it even if you have tuned properly. However, try to tune a station which is idling. You can tell this by a pair of tones alternating, sounding a bit like a two-tone alarm (ie. di-dah, di-dah). These idling stations are either between messages or are the 'engineer channel'.

If you manage to synchronize on this channel, eventually a station ID will be transmitted. Usually the engineer channel signal will be transmitted 'en clair' so that you will be able to read it and log it. Of course once you log the station I hope you will report it to your favorite ute column!

## **AEROFLOT METEO SPEED**

Just to show you that SPEEDX is truly an INTERNATIONAL club, we have a valuable contribution from Stanislav Kiselyov in the Ukraine, CIS. Stanley sends us a rather complete listing of the Russian airline AEROFLOT meteorological network transmissions. Here they are:

### **AEROFLOT Meteo Network Schedule**

European part of ex-USSR and Baltic Republics:

2941, 6617, 8939, 11297.  
 Every Hour, by minutes:  
 00-05, 30-35: Riga meteo  
 05-10, 35-40: Sankt-Petersburg meteo  
 10-20, 40-50: Moscow meteo  
 20-25, 50-55: Kiev meteo  
 25-30, 55-00: Rostov meteo

Western Siberia, Ural, NEast European CIS

2869, 6693, 8888, 11318.  
 00-15, 30-35: Syktyvkar meteo  
 05-10, 35-40: Sverdlovsk meteo  
 10-15, 40-45: Novosibirsk meteo  
 15-20, 45-50: Samara meteo  
 20-25, 50-55: Tyumen meteo

Middle Asia, Kazakhstan, Caucasus Mts.

8819, 6726, 11278.  
 00-05, 30-35: Tbilisi meteo  
 05-10, 35-40: Aktiubinsk meteo  
 10-15, 40-45: Karaganda meteo

15-20, 45-50: Alma-Ata meteo  
 20-25, 50-55: Tashkent meteo

Eastern Siberia, Far East

8861.  
 00-05, 30-35: Yakutsk meteo  
 05-10, 35-40: ????  
 10-15, 40-45: ????  
 15-20, 45-50: Khabarovsk meteo  
 20-25, 50-55: Magadan meteo  
 25-30, 55-00: Irkutsk meteo

Thanks Stanley, for that valuable information. Try to give the CIS a listen this next month. Let us know what you hear.

## **UTILITY NEWS**

In keeping with our theme of radio-teletype this month, it seems that moany of the world's decoder manufacturers are coming out with their 'new generation' machines.

HOKA Elektronik of the Netherlands, in addition to their Code3 decoder, have announced their new Code30 machine. At a price of \$3000 US, this IBM PC board and accompanying software would seem to appeal primarily to professional monitoring concerns. More on this product later.

WAVECOM Electronik of Germany will start shipping their newest machine, the W4100, starting in July 1992. While this is a stand alone unit, the guts are basically a 32-bit MS-DOS computer with VGA graphics. It even includes an internal floppy disk drive, just like the PC at home! Don't reach for the wallet just yet, however. At 9400 Swiss Franks (\$6500 US), it looks like this is destined for the professional market as well. WAVECOM says they are planning a reduced cost version later on, but not for a year or so at the very soonest. Their W-4010 machine is their current hobbyist decoder.

I have received my new HOKA Code3 decoder. I will readily admit that I am having to learn the modes all over again, since the tuning technique is so much different from that of the Universal machines. The biggest shock so far has been the extreme flexibility of the controls. Every aspect of signal analysis is accessible and controllable from within the program. I'm used to trusting the presets included in the Universal and WAVECOM machines.

So far I have been able to get very good copy from the following modes: FAX, TORG 10, TORG 11, Baudot, CW, SITOR-A, SITOR-B, ARQ-E3, ARQ-E, and I did achieve synchronization with an ARQ-N signal, but



no copy came across before the signal faded. I'll write a full users-end review later on.

Next month I plan on reviewing Bob Ing's *Canadian Military Radio Frequency Guide* and a new audiotape offering from Interbooks of Perth, Scotland. We also can look forward to a guest article by Robert Hall. Stay tuned. Now, on to the loggings!!!

## JUNE UTILITY WORLD LOGGINGS

<u>Frequency</u>	<u>Mode</u>	<u>UTC</u>	<u>Call</u>	<u>Station/Remarks/Contributor</u>
2899.0	USB	0200	TWA322	Shannon VOLMET, IRE/position report/Babin-MA
4245.0	CW	0305	ZRQ2	SA Navy Capetown, RSA/marker/Hall-RSA
4255.0	CW	0302	CFH	CF Halifax, CAN/marker/Hall-RSA
4283.0	CW	0258	ZSJ2	SA Navy Capetown, RSA/marker/Hall-RSA
4316.9	CW	0254	ZSC33	Capetown Radio, RSA/marker/Hall-RSA
4348.0	CW	0230	CBV	Valparaiso, CHL/marker/Hall-R
4575.0	USB	0224	WNEC-703	Overbrook, KANS/unlisted in FCC listings, may be Technical Systems Engineering Company experimental sta/McKee-NC
4788.3	RTTY	0220	TJK	ASECNA Douala, CAM/coded wx 50/850/Hall-RSA
4879.8	AM	0008		UNID/5 lgrps w/SS male ops/Bellovich-FLA
5015.0	USB	0003	PN..	UNID/wx rept PN call w/GG 5 lgrps/Bellovich-FLA
5097.0	CW	0215	CFH	CF Halifax, CAN/NAM Wx Svc b'cast/Hall-RSA
5160.7	RTTY	0434	5UA (tentative)	Niamey, NIGER/?aero tfc on ARQ-M2 chnls A & B/Hall-RSA
5586.7	RTTY	0459		UNID, Gough IS.?sounds like RSA Wx sta on AUTOSPEC, but tunes to ARQ-M2 96/145 on SPACE tone only/Hall-RSA
6507.0	USB	2315	LGN30	Rogaland, NOR/marine wx in EE then NN/McKee-NC
6513.0	USB	2233	FFL	St. Lys, FR/tfc list/McKee-NC
6649.0	USB	0431		Guayaquil, ECQ/ATC sta wkng unid aircraft/McKee-NC
6904.0	USB	2115	RKS72	Murmansk, RUS/wx forecasts/Kiselyov-CIS
8418.0	CW	2345	ETC	Assab, ETH/marker/Babin-MA
8795.0	USB	1415	Sevastopol-5	Sevastopol Radio, CIS/telephone tfc/Kiselyov-CIS
9154.1	RTTY	0252	D4B	Amilcar Cabral Air, CVI/Coded wx 'CMA' Cid 50/850/Ross-ONT
9378.7	RTTY	0534	3BZ/3BNAJ	Plaisance Air, MAUR/aero tfc ARQ-E3 48/855/Hall-RSA
9423.0	USB	1348	GJ/GY2	USN (Atlantic Fleet) ships/radiochk/Kiselyov-CIS
10215.0	RTTY	2300	HZN48	Jeddah, SAUD/coded wx and ID 100/780/Babin-MA
10478.0	USB	0839	YL	USN (Adriatic Sea)/calls YL, HT, JE w/tfc/Kiselyov-CIS
10493.0	USB	1442	WGY-902	FEMA NET/moved to 24526. Sta KEC-67 (FBI) also on freq moved to 7903.5/McKee-NC
10493.2	RTTY	0342	RFTJF	FF Port Bouet, CTI/ARQ-E3 48/425 idling/Hall-RSA
10550.9	RTTY	0336	GFL23	Bracknell, UK/coded wx 48/411/Hall-RSA
10685.7	RTTY	0320	RUMS	Moscow, RUS/coded wx 50/377/Hall-RSA
10800.1	RTTY	0317	RFLI	FF Ft. de France, MRT/ARQ-E3 100/858 idling/Hall-RSA
10814.0	RTTY	0313	RFQP	FF D'Jibouti, DJB/ARQ-MW 200/403 idling/Hall-RSA
10865.0	FAX	0309	NAM	USN Norfolk, USA/wx maps 120/576/Hall-RSA
10873.9	RTTY	0303	RFVI	FF Le Port, REUN/ARQ-E3 96/408 idling/Hall-RSA
10917.5	RTTY	2310	RFTJ	FF Dakar, SEN/Rys and ID ARQ-E3 48/410/Babin-MA
10945.0	CW	0255	CFH	CF Halifax, CAN/wx tfc/Hall-RSA
11199.8	USB	0024	MUJ	RAF Drayton, UK/UK aero wx/Bellovich-FLA
11266.5	USB	2149	F7V/3CV	USN (Atlantic Fleet) ships/w/radiocheck/Kiselyov-CIS
11494.0	USB	2332	Homeplate	US DEA Freq/anti-drug tfc scrambled & clear/McKee-NC
11507.6	RTTY	0052	STK	Khartoum, SUD/Rys and ID 50/425/Ross-ONT
11540.6	RTTY	0054	70C	Khormaksar Air, YEM/Rys and ID 50/500/Ross-ONT
11600.0	RTTY	1230	XVN37	VNA Hanoi, VIET/VNA FF Nx 50/425/Ross-ONT
12228.3	RTTY	1418	BZR62	XINHUA Beijing, PRC/Rys and ID 75/425/Ross-ONT
12256.0	RTTY	0057	5YD	Nairobi, KEN/Ry and ID 50/300/Ross-ONT
12580.0	RTTY	2340	GKE5	Portishead, UK/SITOR-A EE ship tfc/Babin-MA
12585.0	RTTY	2040	PCH	Scheveningen, NED/SITOR-A Rys and ID 100/170/Babin-MA
13162.0	USB	1305		Odessa, UKR/fone tfc to Moscow via Operator/Kiselyov-CIS
13312.0	USB	2120	KDA-5	Rockwell Int'l Test Flight Freq/wkng N88GA/McKee-NC
13803.3	RTTY	2138	RCR78	Khabarovsk Meteo, CIS/coded wx 50/850/Ross-ONT
13941.5	RTTY	2315	XL5	UNID/clng JSV w/5 lgrps in SITOR-B/Ross-ONT
13996.6	RTTY	0128	STK	Khartoum, SUD/Rys and ID 50/425/Ross-ONT
14436.9	RTTY	0304	FJY4	Marin de Vivies Meteo, St. Paul & Amsterdam IS. with coded meteo 75/425/Ross-ONT
14493.5	USB	1623	KAB960	FBI, USA/clng KCC76/McKee-NC
14564.0	USB	2027	5BC68	Nicosia, CYP/calling and ID tape/Karcheski-MA
14786.5	RTTY	0102	9PL	Kinshasa, ZAI/coded wx 'ZUA' Cid 50/425/Ross-ONT
14832.0	RTTY	1340	SNN...	MFA Warsaw, POL/POL-ARQ w/tfc/Jansen-NED

14879.6	RTTY	1342	JMG4	Tokyo Meteo, JAP/coded wx 50/850/Ross-ONT
14884.5	RTTY	1405	RETGSZA	Guardia Civil, SPA/ARQ-M4-242 192 baud tfc/Jansen-NED
14903.0	RTTY	1000	TAD	MFA Ankara, TURK/FEC-A 144 baud tfc/Jansen-NED
14906.2	RTTY	1405		Kabul, AFGH/Turkish emb. to Ankara FEC-A 144 baud/Jansen-NED
14964.0	RTTY	0740	RFFGCC	FF Metz, FR/ARQ-E 72 baud tfc/Jansen-NED
16135.8	RTTY	1326	BZR66	XINHUA Beijing, PRC/EE Nx 75/425/Ross-ONT
16149.0	RTTY	2254	MKA	RAF Akrotiri, CYP/5 channels of Foxes 50/170/Ross-ONT
16246.7	RTTY	1408	'VOA'	Tangiers, MOROC/4 channels RYs cing Greenville 75/85/Ross-ONT
16324.0	RTTY	1409	RFTJ	FF Dakar, SEN/ARQ-E3 48/415 CdeV/Hall-RSA
16334.4	RTTY	1315	FZS63	St. Denis, REUN/meteo tfc 75/407/Hall-RSA
17443.1	RTTY	1254	BZG48	XINHUA Urumqi, PRC/RYs and ID 50/425/Ross-ONT
17547.3	RTTY	1258	HDN	Quito, ECQ/Rys and ID 75/850/Ross-ONT
17553.1	RTTY	1356	9DM27	Tehran, IRAN/coded wx 50/425/Ross-ONT
17590.2	RTTY	2250	N49	Jeddah, SAUD/coded wx 100/850/Ross-ONT
18055.1	RTTY	1458	DFZG	MFA Belgrade, YUGO/EE Nx 75/425/Hall-RSA
18108.4	RTTY	1630	OTBD/OBBI?	UNID/meteo w/MidEast Wx 75/826/Hall-RSA
18230.0	RTTY	1430	MKK	London, UK/tfc 50/425/Jansen-NED
18447.9	RTTY	2330	RFFVA	FF Paris, FR/ARQ-M2 chnl A test pattern 200 baud/Babin-MA
18872.0	RTTY	1243	BZR68	XINHUA Beijing, PRC/EE Nx 75/417/Hall-RSA
18981.0	CW	1240	7CW	Indo Navy, Belawar, INDO/tfc/Hall-RSA
19030.5	RTTY	1250	AAA3USA	MARS Ft. George Meade, MD/SITOR-A tfc/Jansen-NED
19111.3	RTTY	1225	DMA/K/BN1	'DEPLU' Jakarta, INDO/5 lgrps 50/323/Hall-RSA
19196.7	RTTY	1207	ZOE?	UNID/tfc in Afrikaans, prob RSA Wx sta, but signal tunes to ARQ-M2 98/136 SPACE only. AUTOSPEC?/Hall-RSA
19463.0	RTTY	1335	IPG20	MFA Rome, ITA/ARQ-E 96 baud tfc/Jansen-NED
19640.5	RTTY	0955		Cairo, EGY/Italian Embassy tfc SITOR-A/Jansen-NED
19655.5	RTTY	1045		Algiers, ALG/Italian Embassy tfc SITOR-A/Jansen-NED
19732.0	RTTY	0855	UQB	Kholmok, CIS/tfc 50/170/Jansen-NED
19756.4	RTTY	1304		MFA Jakarta, INDO/5 lgrps FEC-S 96/156/Hall-RSA
19860.1	RTTY	0845	MTO	RN Rosyth, SCOT/tfc 75 baud/Jansen-NED
20055.5	RTTY	1455		Tel Aviv, ISR/Italian Embassy tfc SITOR-A/Jansen-NED
20156.5	RTTY	1100	VYQX (selcal)	Seoul, SKOR/Zairean Embassy tfc SITOR-A/Jansen-NED
20386.5	TTY	0943		MFA Rome, ITA/5 lgrps SITOR-A/Hall-RSA
20700.3	RTTY	1110		Cairo, EGY/Swedish Embassy w/'URGENT' crypto for Swd Emb Algeria then 5 lgrps from MFA Stockholm, signed 'CABINET' SWED-ARQ 100/389/Hall-RSA
20919.6	RTTY	1316	SAM	MFA Stockholm, SWE/Swed tfc to Nairobi & Addis Ababa SWED-ARQ 100/380/Hall-RSA
22399.0	RTTY	1618	A9M	Hamala, BAHRAIN/SITOR-A marker & ID/Hall-RSA
22493.0	RTTY	1245	UAT	Moscow, RUS/coded wx 50/170/Jansen-NED
22587.6	CW	2035	LPD	General Pacheco Radio, ARG/marker, Freqs./Karcheski-MA
22655.8	CW	1808	GKC	Portishead, UK/marker/Brewer-KANS
23083.0	RTTY	0900		UNID/Italian Embassy tfc ARQ-E 96 baud/Jansen-NED
24526.0	USB	1651	WGY907/910	FEMA Net, USA/duplex fone patch w/21860/McKee-NC
25308.0	CW	1925	LGW	Rogaland, NOR/marker/Lukas-NY

## Book Review:

### **SHORTWAVE COMMUNICATIONS**

I recently ran across a neat little book written by Peter Rouse, the ex-SSB Monitoring editor of the British *Shortwave Magazine* and well-known European utility author. This 187 page wonder is a good basic introduction to shortwave radio as well as the voice utility scene.

Chapters are designed around particular aspects of the hobby. Examples are: Types of shortwave radios; How to use the radio controls; Propagation basics; etc. This book is primarily aimed at the beginning shortwave monitor, but veterans will find it useful for its copious frequency lists. It is certainly no *CFL*, but then it does not pretend to be.

Rouse does not treat digital communication modes (ie. RTTY, FAX) in this book, but rather focuses on what he knows—SSB voice transmissions. I found his discussion of the ITU bandplans around the world for voice transmissions quite useful.

I can wholeheartedly recommend this excellent book to all Utility World readers. Judging by many of your letters, this type of book will certainly find a market with SPEEDX members. You may purchase this book from PW Publishing Limited, FREEPOST, Enefco House, The Quay, Poole, Dorset BH15 1PP, United Kingdom. It costs £8.95 plus shipping.

Well, I've come to the end of another month. 73 and CUN30!

*Cluck*

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